Fill in this information to identify the case:

Debtor 1 Gastar Exploration, Inc.

Debtor 2 (Spouse, if filing)

United States Bankruptcy Court for the: Southern District of Texas, Houston Division

Case number 18-36057

E-Filed on 12/20/2018
Claim # 28

Official Form 410
Proof of Claim

04/16

Read the instructions before filling out this form. This form is for making a claim for payment in a bankruptcy case. Do not use this form to make a request for payment of an administrative expense. Make such a request according to 11 U.S.C. § 503.

Filers must leave out or redact information that is entitled to privacy on this form or on any attached documents. Attach redacted copies of any documents that support the claim, such as promissory notes, purchase orders, invoices, itemized statements of running accounts, contracts, judgments, mortgages, and security agreements. **Do not send original documents;** they may be destroyed after scanning. If the documents are not available, explain in an attachment.

A person who files a fraudulent claim could be fined up to $500,000, imprisoned for up to 5 years, or both. 18 U.S.C. §§ 152, 157, and 3571.

Fill in all the information about the claim as of the date the case was filed. That date is on the notice of bankruptcy (Form 309) **that you received.**

Part 1: Identify the Claim

1. Who is the current creditor?

Susan Gordon
Name of the current creditor (the person or entity to be paid for this claim)

Other names the creditor used with the debtor Susan R. Gordon

2. Has this claim been acquired from someone else?

☑ No
☐ Yes. From whom? _____

3. Where should notices and payments to the creditor be sent?

Federal Rule of Bankruptcy Procedure (FRBP) 2002(g)

Where should notices to the creditor be sent?	**Where should payments to the creditor be sent?** (if different)
Name: Law Office of William B. Kingman, P.C.	Name: c/o Rebecca E. Alcorn
Number Street: 3511 Broadway	Number Street: 1500 One PPG Place
City: San Antonio State: TX ZIP Code: 78209	City: Pittsburgh State: PA ZIP Code: 15222
Contact phone: (210) 829-1199	Contact phone: (412) 594-3941
Contact email: bkingman@kingmanlaw.com	Contact email: ralcorn@tuckerlaw.com

Uniform claim identifier for electronic payments in chapter 13 (if you use one):

_ _

4. Does this claim amend one already filed?

☑ No
☐ Yes. Claim number on court claims registry (if known) _____ Filed on _____ MM / DD / YYYY

5. Do you know if anyone else has filed a proof of claim for this claim?

☑ No
☐ Yes. Who made the earlier filing? _____

Part 2: Give Information About the Claim as of the Date the Case Was Filed

6. **Do you have any number you use to identify the debtor?**

☑ No
☐ Yes. Last 4 digits of the debtor's account or any number you use to identify the debtor: ____ ____ ____ ____

7. **How much is the claim?** $ 7,408.70 . **Does this amount include interest or other charges?**

☑ No
☐ Yes. Attach statement itemizing interest, fees, expenses, or other charges required by Bankruptcy Rule 3001(c)(2)(A).

8. **What is the basis of the claim?**

Examples: Goods sold, money loaned, lease, services performed, personal injury or wrongful death, or credit card.

Attach redacted copies of any documents supporting the claim required by Bankruptcy Rule 3001(c).

Limit disclosing information that is entitled to privacy, such as health care information.

See Exhibit A

9. **Is all or part of the claim secured?**

☑ No
☐ Yes. The claim is secured by a lien on property.

Nature of property:

☐ Real estate. If the claim is secured by the debtor's principal residence, file a *Mortgage Proof of Claim Attachment* (Official Form 410-A) with this *Proof of Claim.*
☐ Motor vehicle
☐ Other. Describe: _____

Basis for perfection: _____

Attach redacted copies of documents, if any, that show evidence of perfection of a security interest (for example, a mortgage, lien, certificate of title, financing statement, or other document that shows the lien has been filed or recorded.)

Value of property: $_____

Amount of the claim that is secured: $_____

Amount of the claim that is unsecured: $_____ (The sum of the secured and unsecured amounts should match the amount in line 7.)

Amount necessary to cure any default as of the date of the petition: $_____

Annual Interest Rate (when case was filed)_____%

☐ Fixed
☐ Variable

10. **Is this claim based on a lease?**

☐ No
☑ Yes. **Amount necessary to cure any default as of the date of the petition.** $ 7,408.70

11. **Is this claim subject to a right of setoff?**

☑ No
☐ Yes. Identify the property: _____

12. **Is all or part of the claim entitled to priority under 11 U.S.C. § 507(a)?**

A claim may be partly priority and partly nonpriority. For example, in some categories, the law limits the amount entitled to priority.

☑ No

☐ Yes. *Check one:*

	Amount entitled to priority
☐ Domestic support obligations (including alimony and child support) under 11 U.S.C. § 507(a)(1)(A) or (a)(1)(B).	$ 0.00
☐ Up to $2,850* of deposits toward purchase, lease, or rental of property or services for personal, family, or household use. 11 U.S.C. § 507(a)(7).	$ 0.00
☐ Wages, salaries, or commissions (up to $12,850*) earned within 180 days before the bankruptcy petition is filed or the debtor's business ends, whichever is earlier. 11 U.S.C. § 507(a)(4).	$ 0.00
☐ Taxes or penalties owed to governmental units. 11 U.S.C. § 507(a)(8).	$ 0.00
☐ Contributions to an employee benefit plan. 11 U.S.C. § 507(a)(5).	$ 0.00
☐ Other. Specify subsection of 11 U.S.C. § 507(a)(__) that applies.	$ 0.00

* Amounts are subject to adjustment on 4/01/19 and every 3 years after that for cases begun on or after the date of adjustment.

Part 3: Sign Below

The person completing this proof of claim must sign and date it. FRBP 9011(b).

If you file this claim electronically, FRBP 5005(a)(2) authorizes courts to establish local rules specifying what a signature is.

A person who files a fraudulent claim could be fined up to $500,000, imprisoned for up to 5 years, or both. 18 U.S.C. §§ 152, 157, and 3571.

Check the appropriate box:

☐ I am the creditor.

☑ I am the creditor's attorney or authorized agent.

☐ I am the trustee, or the debtor, or their authorized agent. Bankruptcy Rule 3004.

☐ I am a guarantor, surety, endorser, or other codebtor. Bankruptcy Rule 3005.

I understand that an authorized signature on this *Proof of Claim* serves as an acknowledgment that when calculating the amount of the claim, the creditor gave the debtor credit for any payments received toward the debt.

I have examined the information in this *Proof of Claim* and have a reasonable belief that the information is true and correct.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on date 12/20/2018
MM / DD / YYYY

William B. Kingman
Signature

Print the name of the person who is completing and signing this claim:

Name: William B. Kingman
First name | Middle name | Last name

Title: Authorized Representative for Susan Gordon

Company: Law Office of William B. Kingman, P.C.
Identify the corporate servicer as the company if the authorized agent is a servicer.

Address: _____
Number | Street

_____
City | State | ZIP Code

Contact phone _____ Email _____

Attachment 1 - Exhibit A to POC - Individuals.pdf

Description - Exhibit A

EXHIBIT A

Exhibit A –

Claimant has claims and causes of action against Debtor, Gastar Exploration Inc. ("Debtor"), pertaining to the following:

a) Underpayments of royalties and/or overriding royalties and other amounts due and payable by Debtor to Claimant under or by virtue of any oil, gas and/or mineral leases;

b) Amounts owed by Debtor to Claimant by virtue of Debtor's breach of any express or implied covenants or agreements pursuant to any oil, gas and/or mineral leases; pooling or unitization agreements and/or any other contracts or agreements as well as any amounts owed by Debtor to Claimant under any law or at equity; and

c) Amounts owed by Debtor to Claimant as the result of any claim or cause of action, including any claims or causes of action relating to: confusion of goods; commingling; amounts wrongfully held in suspense; amounts wrongfully deducted from royalty checks; moneys had and received; claims in equity; tort claims; unjust enrichment; fraud; negligence; gross negligence; conspiracy and/or RICO violations or claims.

d) Claimant was a party to an action against Debtor [please see Complaint and Order attached hereto] which was dismissed in favor of arbitration. Claimant's attorneys were seeking a tolling of claimants claims and preparing to file arbitration when Debtor filed its bankruptcy.

Furthermore, the Claimant has defenses, rights of offset and/or recoupment to any of Debtor's or third parties' overpayment claims, if any.

SUMMARY OF GASTAR DAMAGES

ARBITRATION CLIENTS

MARCELLUS SHALE	Total Unit NRI	TOTAL GASTAR DAMAGES	$/MCF
CORLEY	0.012519362	$57,328.80	$0.80
HALL	0.013184131	$49,531.13	$0.79
HENDRICKSON	0.013184131	$69,845.52	$0.78
WENGERD	0.003180802	$22,230.97	$0.79
TOTAL DAMAGES		$198,936.42	

	Arthur Shelton Goddard	Bobby D. Crone	Bruce Goddard Sr.	Francis R. Goddard	Harry Clifford Crone	Janet Goddard Bullis	Judy Prock	Paulette Fay Parker	Ronald Goddard	Ronald W. Goddard	Sarah Lynn Moxley	Susan Goddard Martin	Woodrow James Bailey	Kenneth Alan Goddard	Wanda Sue Sayers	Michael L. West	Susan R. Gordan	Phyllis Welcher
CORLEY	$3,221.59	$644.32	$1,840.91	$4,295.45	$2,577.27	$3,221.59	$1,840.91	$1,840.91	$4,295.45	$1,840.91	$3,221.59	$3,221.59	$8,590.90	$1,840.91	$1,840.91	$10,508.37	$1,840.91	$644.32
HALL	$3,408.11	$681.62	$1,947.49	$4,544.14	$2,726.48	$3,408.11	$1,947.49	$1,947.49	$4,544.14	$1,947.49	$3,408.11	$3,408.11	$9,088.28	$1,947.49	$1,947.49	$0.00	$1,947.49	$681.62
HENDRICKSON	$4,805.88	$961.18	$2,746.22	$6,407.85	$3,844.71	$4,805.88	$2,746.22	$2,746.22	$6,407.85	$2,746.22	$4,805.88	$4,805.88	$12,815.69	$2,746.22	$2,746.22	$0.00	$2,746.22	$961.18
WENGERD	$1,529.65	$305.93	$874.09	$2,039.54	$1,223.72	$1,529.65	$874.09	$874.09	$2,039.54	$874.09	$1,529.65	$1,529.65	$4,079.08	$874.09	$874.09	$0.00	$874.09	$305.93
TOTAL DAMAGES	$12,965.23	$2,593.05	$7,408.70	$17,286.98	$10,372.19	$12,965.23	$7,408.70	$7,408.70	$17,286.98	$7,408.70	$12,965.23	$12,965.23	$34,573.95	$7,408.70	$7,408.70	$10,508.37	$7,408.70	$2,593.05

CORLEY	0.00070353	0.00014071	0.00040201	0.00093803	0.00056282	0.00070353	0.00040201	0.00040201	0.00093803	0.00040201	0.00070353	0.00070353	0.00187607	0.00040201	0.00040201	0.00229480	0.00040201	0.00014071
Hall/Hend	0.00090717	0.00018143	0.00051838	0.00120955	0.00072573	0.00090717	0.00051838	0.00051838	0.00120955	0.00051838	0.00090717	0.00090717	0.00241911	0.00051838	0.00051838		0.00051838	0.00018143
Wengard	0.00021886	0.00004377	0.00012506	0.00029182	0.00017509	0.00021886	0.00012506	0.00012506	0.00029182	0.00012506	0.00021886	0.00021886	0.00058363	0.00012506	0.00012506		0.00012506	0.00004377

MARTX

MARCELLUS SHALE	Total Unit NRI	TOTAL GASTAR DAMAGES	$/MCF
ARMSTRONG	0.009777306	$15,152.98	$0.64
BLAKE	0.018906694	$6,911.36	$0.63
SHIELDS	0.023962553	$142,009.33	$0.77
UTICA SHALE			
BLAKE	0.022473024	$81,721.72	$1.25
TOTAL DAMAGES		$245,795.38	

	MarTx	Prairie	PurpleBurgh	JMK Trust
ARMSTRONG	$12,880.03	$1,515.30	$378.82	$378.82
BLAKE	$5,874.65	$691.14	$172.78	$172.78
SHIELDS	$120,707.93	$14,200.93	$3,550.23	$3,550.23
BLAKE	$69,463.46	$8,172.17	$2,043.04	$2,043.04
TOTAL DAMAGES	**$208,926.08**	**$24,579.54**	**$6,144.88**	**$6,144.88**

ARMSTRONG	0.00831071	0.00097773	0.00024443	0.00024443
BLAKE-M	0.01607069	0.00189067	0.00047267	0.00047267
SHIELDS	0.02036817	0.00239626	0.00059906	0.00059906
BLAKE UTICA	0.01910207	0.00224730	0.00056183	0.00056183

SUMMARY OF GASTAR DAMAGES

MARCELLUS SHALE	Total Unit NRI	TOTAL GASTAR DAMAGES	$/MCF
ARMSTRONG	0.009777306	$15,152.98	$0.64
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HALL	0.013184131	$49,531.13	$0.79
HENDRICKSON	0.013184131	$69,845.52	$0.78
SHIELDS	0.023962553	$142,009.33	$0.77
SIMMS	0.000000000	$0.00	
WENGERD	0.003180802	$22,230.97	$0.79
UTICA SHALE			
BLAKE	0.022473024	$81,721.72	$1.25
SIMMS	0.000000000	$0.00	
TOTAL DAMAGES		$444,731.80	

Sum of Monthly Gas	Column Labels																																																					
	2011					2012												2013												2014												2015												Grand Total
Row Labels	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
MARCELLUS SHALE																																																						
ARMSTRONG																																									178,330	314,287	222,081	194,714	107,988	232,081	193,465	85,573	142,101	193,802	206,007	177,481	155,735	2,403,645
BLAKE																																														19,250	71,575	82,674	68,021	90,651	93,614	79,238	72,580	577,603
CORLEY				13,789	210,820	225,727	205,370	202,782	191,312	211,738	222,151	176,848	191,431	141,287	174,801	154,485	112,458	150,924	88,558	101,338	136,795	121,437	111,974	119,306	108,046	109,374	99,554	102,728	93,696	83,590	81,844	86,592	89,465	111,331	99,859	100,278	87,198	61,436	67,314	69,277	81,832	100,530	72,881	86,465	79,625	78,042	62,963	57,586	79,947	81,135	87,275	65,446	57,692	5,708,332
HALL						38,959	206,829	187,680	174,006	179,824	199,861	153,715	149,568	112,651	111,299	139,083	90,638	126,519	60,774	123,913	120,910	119,404	117,860	111,758	104,287	102,091	97,488	100,710	96,442	94,790	92,024	95,652	85,375	104,504	86,941	81,258	71,393	68,514	60,572	64,555	52,601	80,079	61,669	71,835	72,268	67,015	57,623	49,245	58,357	64,118	60,093	59,258	50,111	4,736,119
HENDRICKSON									250,980	284,333	321,396	237,973	245,118	157,618	229,500	213,054	140,169	34,741	72,543	194,523	206,151	216,827	180,757	188,833	158,470	166,620	157,623	153,975	151,563	146,648	132,497	153,433	123,603	156,497	145,453	143,592	125,927	118,217	99,344	109,399	118,398	127,973	102,192	116,637	116,138	112,173	91,745	81,585	102,003	119,942	97,982	113,690	86,712	6,804,547
SHIELDS																			66,957	86,429	2,629	273,451	511,930	424,804	335,656	355,086	300,952	353,931	322,951	318,502	285,947	323,252	239,321	313,336	284,946	271,379	239,409	214,422	174,276	180,099	139,364	176,468	141,277	164,632	135,305	120,532	126,330	105,104	135,424	154,271	143,128	130,461	118,793	7,670,754
SIMMS					2,128	65,718	208,863	200,371	173,498	177,274	214,338	162,759	165,846	122,299	158,080	140,226	88,998	144,860	55,231	113,344	113,134	132,350	114,001	125,201	116,537	109,667	92,204	101,655	97,044	95,787	82,839	50,246					42,523	6,237	124,427	107,587	87,506	85,019	68,848	76,898	71,447	68,774	55,555	52,421	61,162	75,986	79,170	67,394	53,202	4,608,654
WENGERD	153,343	119,824	8,066	167,964	121,472	125,388	106,931	118,810	103,692							13,499	480,500	379,983	175,831	360,879	380,375	321,576	277,091	278,677	259,001	256,054	232,428	231,386	214,723	233,892	199,794	231,576	185,029	230,094	214,396	205,191	180,057	166,525	139,389	145,209	126,368	184,036	132,684	153,447	147,349	144,889	121,861	113,995	142,414	155,296	135,074	132,031	113,365	8,821,454
UTICA SH																																																						
BLAKE																																														366,421	546,795	528,584	358,122	297,655	284,458	253,415	273,699	2,909,149
SIMMS																																					17,996	419,846	560,676	372,078	316,946	282,644	245,226	257,380	218,774	202,459	183,968	145,903	157,336	147,379	133,161	118,364	106,042	3,886,178
Grand Total	153,343	119,824	8,066	181,753	334,420	455,792	727,993	709,643	893,488	853,169	957,746	731,295	751,963	533,855	673,680	660,347	912,763	837,027	519,894	980,426	959,994	1,185,045	1,313,613	1,248,579	1,081,997	1,098,892	980,249	1,044,385	976,419	973,209	874,945	940,751	722,793	915,762	831,595	801,698	764,503	1,055,197	1,225,998	1,048,204	1,101,345	1,351,036	1,046,858	1,122,008	948,894	1,411,636	1,511,880	1,302,670	1,304,887	1,380,235	1,319,962	1,196,778	1,087,931	48,126,435
Liquids Volume Reduction	0.510	0.532	0.526	0.526	0.513	0.463	0.418	0.440	0.426	0.363	0.291	0.324	0.341	0.336	0.347	0.340	0.326	0.330	0.332	0.321	0.323	0.318	0.303	0.320	0.342	0.344	0.349	0.349	0.360	0.389	0.400	0.336	0.344	0.336	0.341	0.333	0.325	0.330	0.293	0.263	0.189	0.170	0.191	0.185	0.187	0.176	0.160	0.158	0.148	0.164	0.166	0.158	0.142	
Fixed Improper Deductions	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	
Total Marcellus ($/MCF)	0.985	1.007	1.001	1.001	0.988	0.938	0.893	0.915	0.901	0.838	0.766	0.799	0.816	0.811	0.822	0.815	0.801	0.805	0.807	0.796	0.798	0.793	0.778	0.795	0.817	0.819	0.824	0.824	0.835	0.864	0.875	0.811	0.819	0.811	0.816	0.808	0.800	0.805	0.768	0.738	0.664	0.645	0.666	0.660	0.662	0.651	0.635	0.633	0.623	0.639	0.641	0.633	0.617	
Utica Deductions	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	

TOTAL GROSS PRODUCTION

	2011					2012												2013												2014												2015												Grand Total
MARCELLUS SHALE	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
ARMSTRONG																																									178,330	314,287	222,081	194,714	107,988	232,081	193,465	85,573	142,101	193,802	206,007	177,481	155,735	
BLAKE																																														19,250	71,575	82,674	68,021	90,651	93,614	79,238	72,580	
CORLEY				13,789	210,820	225,727	205,370	202,782	191,312	211,738	222,151	176,848	191,431	141,287	174,801	154,485	112,458	150,924	88,558	101,338	136,795	121,437	111,974	119,306	108,046	109,374	99,554	102,728	93,696	83,590	81,844	86,592	89,465	111,331	99,859	100,278	87,198	61,436	67,314	69,277	81,832	100,530	72,881	86,465	79,625	78,042	62,963	57,586	79,947	81,135	87,275	65,446	57,692	
HALL						38,959	206,829	187,680	174,006	179,824	199,861	153,715	149,568	112,651	111,299	139,083	90,638	126,519	60,774	123,913	120,910	119,404	117,860	111,758	104,287	102,091	97,488	100,710	96,442	94,790	92,024	95,652	85,375	104,504	86,941	81,258	71,393	68,514	60,572	64,555	52,601	80,079	61,669	71,835	72,268	67,015	57,623	49,245	58,357	64,118	60,093	59,258	50,111	
HENDRICKSON									250,980	284,333	321,396	237,973	245,118	157,618	229,500	213,054	140,169	34,741	72,543	194,523	206,151	216,827	180,757	188,833	158,470	166,620	157,623	153,975	151,563	146,648	132,497	153,433	123,603	156,497	145,453	143,592	125,927	118,217	99,344	109,399	118,398	127,973	102,192	116,637	116,138	112,173	91,745	81,585	102,003	119,942	97,982	113,690	86,712	
SHIELDS																			66,957	86,429	2,629	273,451	511,930	424,804	335,656	355,086	300,952	353,931	322,951	318,502	285,947	323,252	239,321	313,336	284,946	271,379	239,409	214,422	174,276	180,099	139,364	176,468	141,277	164,632	135,305	120,532	126,330	105,104	135,424	154,271	143,128	130,461	118,793	
SIMMS					2,128	65,718	208,863	200,371	173,498	177,274	214,338	162,759	165,846	122,299	158,080	140,226	88,998	144,860	55,231	113,344	113,134	132,350	114,001	125,201	116,537	109,667	92,204	101,655	97,044	95,787	82,839	50,246					42,523	6,237	124,427	107,587	87,506	85,019	68,848	76,898	71,447	68,774	55,555	52,421	61,162	75,986	79,170	67,394	53,202	
WENGERD	153,343	119,824	8,066	167,964	121,472	125,388	106,931	118,810	103,692							13,499	480,500	379,983	175,831	360,879	380,375	321,576	277,091	278,677	259,001	256,054	232,428	231,386	214,723	233,892	199,794	231,576	185,029	230,094	214,396	205,191	180,057	166,525	139,389	145,209	126,368	184,036	132,684	153,447	147,349	144,889	121,861	113,995	142,414	155,296	135,074	132,031	113,365	
UTICA SH																																																						
BLAKE																																														366,421	546,795	528,584	358,122	297,655	284,458	253,415	273,699	
SIMMS																																					17,996	419,846	560,676	372,078	316,946	282,644	245,226	257,380	218,774	202,459	183,968	145,903	157,336	147,379	133,161	118,364	106,042	

TOTAL NET PRODUCTION

	2011					2012												2013												2014												2015												Grand Total
MARCELLUS SHALE	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
ARMSTRONG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,744	3,073	2,171	1,904	1,056	2,269	1,892	837	1,389	1,895	2,014	1,735	1,523	23,501
BLAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	364	1,353	1,563	1,286	1,714	1,770	1,498	1,372	10,921
CORLEY	0	0	0	173	2,639	2,826	2,571	2,539	2,395	2,651	2,781	2,214	2,397	1,769	2,188	1,934	1,408	1,889	1,109	1,269	1,713	1,520	1,402	1,494	1,353	1,369	1,246	1,286	1,173	1,046	1,025	1,084	1,120	1,394	1,250	1,255	1,092	769	843	867	1,024	1,259	912	1,082	997	977	788	721	1,001	1,016	1,093	819	722	71,465
HALL	0	0	0	0	0	514	2,727	2,474	2,294	2,371	2,635	2,027	1,972	1,485	1,467	1,834	1,195	1,668	801	1,634	1,594	1,574	1,554	1,473	1,375	1,346	1,285	1,328	1,272	1,250	1,213	1,261	1,126	1,378	1,146	1,071	941	903	799	851	693	1,056	813	947	953	884	760	649	769	845	792	781	661	62,442
HENDRICKSON	0	0	0	0	0	0	0	0	3,309	3,749	4,237	3,137	3,232	2,078	3,026	2,809	1,848	458	956	2,565	2,718	2,859	2,383	2,490	2,089	2,197	2,078	2,030	1,998	1,933	1,747	2,023	1,630	2,063	1,918	1,893	1,660	1,559	1,310	1,442	1,561	1,687	1,347	1,538	1,531	1,479	1,210	1,076	1,345	1,581	1,292	1,499	1,143	89,712
SHIELDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,604	2,071	63	6,553	12,267	10,179	8,043	8,509	7,212	8,481	7,739	7,632	6,852	7,746	5,735	7,508	6,828	6,503	5,737	5,138	4,176	4,316	3,340	4,229	3,385	3,945	3,242	2,888	3,027	2,519	3,245	3,697	3,430	3,126	2,847	183,811
SIMMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WENGERD	488	381	26	534	386	399	340	378	330	0	0	0	0	0	0	43	1,528	1,209	559	1,148	1,210	1,023	881	886	824	814	739	736	683	744	636	737	589	732	682	653	573	530	443	462	402	585	422	488	469	461	388	363	453	494	430	420	361	28,059
UTICA SH																																																						
BLAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,235	12,288	11,879	8,048	6,689	6,393	5,695	6,151	65,377
SIMMS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL DAMAGES

	2011					2012												2013												2014												2015												Grand Total	
MARCELLUS SHALE	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
ARMSTRONG	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,156.99	$1,982.46	$1,445.94	$1,256.28	$698.85	$1,476.84	$1,201.33	$529.97	$865.63	$1,210.41	$1,290.68	$1,098.59	$939.00	$15,152.98	$0.64
BLAKE	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$236.88	$859.45	$990.10	$801.26	$1,094.82	$1,134.16	$948.45	$846.24	$6,911.36	$0.63
CORLEY	$0.00	$0.00	$0.00	$172.78	$2,607.10	$2,650.42	$2,295.14	$2,322.33	$2,158.09	$2,220.69	$2,131.49	$1,768.01	$1,955.54	$1,435.01	$1,798.12	$1,576.83	$1,127.58	$1,520.23	$894.63	$1,009.28	$1,366.44	$1,204.88	$1,091.27	$1,187.74	$1,105.09	$1,120.97	$1,026.58	$1,059.74	$979.93	$904.03	$896.47	$879.12	$916.92	$1,129.82	$1,019.68	$1,014.29	$872.84	$619.35	$647.27	$639.72	$679.82	$811.97	$607.60	$714.32	$659.81	$635.90	$500.62	$456.66	$623.59	$648.85	$700.15	$518.72	$445.41	$57,328.80	$0.80
HALL	$0.00	$0.00	$0.00	$0.00	$0.00	$481.73	$2,434.18	$2,263.51	$2,067.09	$1,986.13	$2,019.45	$1,618.34	$1,609.02	$1,204.91	$1,205.69	$1,495.00	$957.05	$1,342.07	$646.55	$1,299.65	$1,271.89	$1,247.62	$1,209.62	$1,171.67	$1,123.28	$1,101.88	$1,058.66	$1,094.09	$1,062.20	$1,079.59	$1,061.50	$1,022.67	$921.46	$1,116.85	$934.91	$865.55	$752.58	$727.38	$613.37	$627.76	$460.18	$681.13	$541.42	$624.97	$630.65	$575.04	$482.49	$411.25	$479.36	$539.99	$507.68	$494.61	$407.42	$49,531.13	$0.79
HENDRICKSON	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,981.50	$3,140.41	$3,247.47	$2,505.42	$2,636.93	$1,685.88	$2,486.14	$2,290.11	$1,480.06	$368.52	$771.75	$2,040.24	$2,168.57	$2,265.56	$1,855.15	$1,979.73	$1,706.89	$1,798.35	$1,711.69	$1,672.75	$1,669.30	$1,670.21	$1,528.35	$1,640.44	$1,334.06	$1,672.51	$1,564.11	$1,529.52	$1,327.45	$1,255.05	$1,005.99	$1,063.85	$1,035.82	$1,088.50	$897.19	$1,014.74	$1,013.48	$962.53	$768.20	$681.33	$837.88	$1,010.13	$827.78	$948.94	$705.00	$69,845.52	$0.78
SHIELDS	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,294.68	$1,647.60	$50.26	$5,193.06	$9,549.40	$8,094.65	$6,571.04	$6,965.66	$5,939.96	$6,988.46	$6,464.88	$6,593.10	$5,994.94	$6,281.51	$4,694.72	$6,086.31	$5,569.16	$5,253.90	$4,586.92	$4,137.44	$3,207.54	$3,183.17	$2,216.00	$2,728.09	$2,254.36	$2,603.25	$2,146.03	$1,879.80	$1,922.57	$1,595.32	$2,021.84	$2,361.41	$2,197.74	$1,979.15	$1,755.43	$142,009.33	$0.77
SIMMS	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
WENGERD	$480.65	$383.76	$25.69	$534.72	$381.66	$374.06	$303.62	$345.70	$297.18	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$35.01	$1,224.07	$972.45	$451.30	$913.18	$965.35	$810.65	$686.11	$704.88	$673.05	$666.75	$608.95	$606.46	$570.57	$642.68	$556.01	$597.34	$481.81	$593.27	$556.22	$527.31	$457.93	$426.53	$340.54	$340.68	$266.72	$377.66	$281.04	$322.08	$310.22	$299.95	$246.17	$229.68	$282.23	$315.54	$275.31	$265.88	$222.37	$22,230.97	$0.79
UTICA SH																																																							
BLAKE	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$10,293.23	$15,360.17	$14,848.60	$10,060.11	$8,361.51	$7,990.79	$7,118.75	$7,688.56	$81,721.72	$1.25
SIMMS	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
																																																					$444,731.80	

Entity ID	API/UWI	API/UWI Li	Monthly Production Date	Monthly Oil	Monthly Gas	Monthly W	Well Count	Days	Daily Avg C	Daily Avg G	Daily Avg V	Reservoir	Well/Lease	Well Numb	Operator Alias	Production	Production	Entity Type
1.28E+08	4705101434000	4.71E+11	11/1/2012	0	2693	0	1	0	0	89	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	12/1/2012	0	66122	0	1	0	0	2132	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	1/1/2013	1693	46876	0	1	0	54	1512	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	2/1/2013	869	21469	0	1	0	31	766	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	3/1/2013	1318	42138	0	1	0	42	1359	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	4/1/2013	1153	43060	0	1	0	38	1435	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	5/1/2013	1017	38422	0	1	0	32	1239	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	6/1/2013	717	33981	0	1	0	23	1132	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	7/1/2013	747	34243	0	1	0	24	1104	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	8/1/2013	890	32057	0	1	0	28	1034	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	9/1/2013	790	30927	0	1	0	26	1030	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	10/1/2013	727	29411	0	1	0	23	948	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	11/1/2013	740	29873	0	1	0	24	995	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	12/1/2013	638	28973	0	1	0	20	934	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	1/1/2014	485	31866	0	1	0	15	1027	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	2/1/2014	405	27190	0	1	0	14	971	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	3/1/2014	422	30483	0	1	0	13	983	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	4/1/2014	314	25984	0	1	0	10	866	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	5/1/2014	389	30300	0	1	0	12	977	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	6/1/2014	324	30584	0	1	0	10	1019	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	7/1/2014	323	29484	0	1	0	10	951	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	8/1/2014	314	26031	0	1	0	10	839	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	9/1/2014	275	24013	0	1	0	9	800	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	10/1/2014	257	19891	0	1	0	8	641	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	11/1/2014	292	20848	0	1	0	9	694	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	12/1/2014	201	17931	0	1	0	6	578	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	1/1/2015	59	25792	0	1	0	1	832	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	2/1/2015	53	18682	0	1	0	1	667	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	3/1/2015	86	22602	0	1	0	2	729	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	4/1/2015	109	22230	0	1	0	3	741	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	5/1/2015	120	21971	0	1	0	3	708	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	6/1/2015	139	18125	0	1	0	4	604	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	7/1/2015	93	16807	0	1	0	3	542	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	8/1/2015	62	21455	0	1	0	2	692	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	9/1/2015	51	24233	0	1	0	1	807	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	10/1/2015	43	19226	0	1	0	1	620	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	11/1/2015	46	19793	0	1	0	1	659	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	12/1/2015	45	16205	0	1	0	1	522	0	MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	1/1/2016		23339		1			752		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	2/1/2016		21568		1			743.72		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	3/1/2016		22564		1			727.87		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	4/1/2016		21253		1			708.43		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	5/1/2016		20565		1			663.39		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	6/1/2016		19067		1			635.57		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	7/1/2016		19968		1			644.13		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	8/1/2016		19486		1			628.58		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	9/1/2016		16663		1			555.43		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	10/1/2016		16641		1			536.81		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	11/1/2016		18192		1			606.4		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	12/1/2016		16464		1			531.1		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	1/1/2017		15572		1			502.32		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	2/1/2017		13415		1			479.11		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	3/1/2017		14810		1			477.74		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	4/1/2017		13916		1			463.87		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	5/1/2017		14674		1			473.35		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	6/1/2017		14625		1			487.5		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	7/1/2017		14611		1			471.32		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	8/1/2017		15088		1			486.71		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	9/1/2017		14433		1			481.1		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	10/1/2017		10154		1			327.55		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	11/1/2017		14133		1			471.1		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101434000	4.71E+11	12/1/2017		12746		1			411.16		MARCELLU	WENGERD	2H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	11/1/2012	0	2664	0	1	0	0	88	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	12/1/2012	0	85095	0	1	0	0	2745	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	1/1/2013	2450	67820	0	1	0	79	2187	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	2/1/2013	1178	29098	0	1	0	42	1039	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	3/1/2013	1896	60564	0	1	0	61	1953	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	4/1/2013	1790	66840	0	1	0	59	2228	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	5/1/2013	1519	57388	0	1	0	49	1851	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	6/1/2013	1029	48779	0	1	0	34	1625	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	7/1/2013	1041	47777	0	1	0	33	1541	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	8/1/2013	1299	46784	0	1	0	41	1509	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	9/1/2013	1184	46345	0	1	0	39	1544	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	10/1/2013	954	38597	0	1	0	30	1245	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	11/1/2013	993	40088	0	1	0	33	1336	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	12/1/2013	804	36523	0	1	0	25	1178	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	1/1/2014	579	38057	0	1	0	18	1227	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	2/1/2014	495	33242	0	1	0	17	1187	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	3/1/2014	583	42094	0	1	0	18	1357	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	4/1/2014	374	31030	0	1	0	12	1034	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	5/1/2014	496	38563	0	1	0	16	1243	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	6/1/2014	381	35946	0	1	0	12	1198	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	7/1/2014	383	34941	0	1	0	12	1127	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	8/1/2014	371	30736	0	1	0	11	991	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	9/1/2014	327	28578	0	1	0	10	952	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	10/1/2014	315	24347	0	1	0	10	785	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	11/1/2014	356	25399	0	1	0	11	846	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	12/1/2014	250	22301	0	1	0	8	719	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	1/1/2015	388	31821	0	1	0	12	1026	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	2/1/2015	266	23378	0	1	0	9	834	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	3/1/2015	321	27419	0	1	0	10	884	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	4/1/2015	333	26467	0	1	0	11	882	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	5/1/2015	315	25390	0	1	0	10	819	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	6/1/2015	321	21038	0	1	0	10	701	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	7/1/2015	248	19437	0	1	0	8	627	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	8/1/2015	269	23511	0	1	0	8	758	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	9/1/2015	191	27631	0	1	0	6	921	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	10/1/2015	180	22104	0	1	0	5	713	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	11/1/2015	181	23818	0	1	0	6	793	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	12/1/2015	185	20272	0	1	0	5	653	0	MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	1/1/2016		29831		1			962		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	2/1/2016		26328		1			907.86		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	3/1/2016		27050		1			872.58		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	4/1/2016		24948		1			831.6		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	5/1/2016		27079		1			873.52		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	6/1/2016		24753		1			825.1		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	7/1/2016		25451		1			821		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	8/1/2016		25647		1			827.32		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	9/1/2016		23424		1			780.8		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	10/1/2016		23562		1			760.06		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	11/1/2016		22056		1			735.2		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	12/1/2016		21298		1			687.03		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	1/1/2017		21183		1			683.32		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	2/1/2017		18901		1			675.04		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	3/1/2017		21076		1			679.87		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	4/1/2017		20438		1			681.27		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	5/1/2017		19041		1			614.23		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	6/1/2017		18507		1			616.9		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	7/1/2017		18945		1			611.13		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	8/1/2017		18955		1			611.45		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	9/1/2017		17819		1			593.97		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	10/1/2017		11928		1			384.77		MARCELLU	WENGERD	5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL

1.28E+08	4705101449000	4.71E+11	11/1/2017		19863		1			662.1	MARCELLU WENGERD 5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101449000	4.71E+11	12/1/2017		18404		1			593.68	MARCELLU WENGERD 5H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	11/1/2012	0	2672	0	1	0	0	89	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	12/1/2012	0	78002	0	1	0	0	2516	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	1/1/2013	2085	57722	0	1	0	67	1862	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	2/1/2013	1113	27482	0	1	0	39	981	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	3/1/2013	1694	54123	0	1	0	54	1745	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	4/1/2013	1568	58532	0	1	0	52	1951	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	5/1/2013	1340	50618	0	1	0	43	1632	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	6/1/2013	926	43902	0	1	0	30	1463	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	7/1/2013	963	44158	0	1	0	31	1424	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	8/1/2013	1137	40973	0	1	0	36	1321	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	9/1/2013	1024	40100	0	1	0	34	1336	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	10/1/2013	960	38841	0	1	0	30	1252	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	11/1/2013	945	38133	0	1	0	31	1271	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	12/1/2013	717	32547	0	1	0	23	1049	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	1/1/2014	542	35576	0	1	0	17	1147	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	2/1/2014	453	30413	0	1	0	16	1086	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	3/1/2014	460	33182	0	1	0	14	1070	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	4/1/2014	336	27815	0	1	0	11	927	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	5/1/2014	450	34993	0	1	0	14	1128	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	6/1/2014	338	31920	0	1	0	11	1064	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	7/1/2014	342	31189	0	1	0	11	1006	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	8/1/2014	330	27354	0	1	0	10	882	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	9/1/2014	300	26225	0	1	0	10	874	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	10/1/2014	288	22287	0	1	0	9	718	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	11/1/2014	332	23672	0	1	0	11	789	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	12/1/2014	227	20278	0	1	0	7	654	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	1/1/2015	396	30293	0	1	0	12	977	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	2/1/2015	862	22262	0	1	0	30	795	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	3/1/2015	891	25417	0	1	0	28	819	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	4/1/2015	880	23490	0	1	0	29	783	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	5/1/2015	461	23324	0	1	0	14	752	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	6/1/2015	304	19995	0	1	0	10	666	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	7/1/2015	335	18572	0	1	0	10	599	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	8/1/2015	223	23220	0	1	0	7	749	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	9/1/2015	233	24651	0	1	0	7	821	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	10/1/2015	276	21172	0	1	0	8	682	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	11/1/2015	244	21677	0	1	0	8	722	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	12/1/2015	256	17899	0	1	0	8	577	0 MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	1/1/2016		24836		1			801	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	2/1/2016		25411		1			876.24	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	3/1/2016		25249		1			814.48	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	4/1/2016		25220		1			840.67	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	5/1/2016		23757		1			766.35	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	6/1/2016		23847		1			794.9	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	7/1/2016		22431		1			723.58	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	8/1/2016		23507		1			758.29	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	9/1/2016		21750		1			725	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	10/1/2016		21910		1			706.77	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	11/1/2016		21115		1			703.83	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	12/1/2016		20406		1			658.26	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	1/1/2017		21908		1			706.71	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	2/1/2017		18384		1			656.57	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	3/1/2017		22952		1			740.39	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	4/1/2017		19058		1			635.27	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	5/1/2017		18861		1			608.42	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	6/1/2017		17202		1			573.4	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	7/1/2017		18020		1			581.29	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	8/1/2017		17558		1			566.39	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	9/1/2017		16976		1			565.87	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	10/1/2017		11694		1			377.23	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	11/1/2017		17682		1			589.4	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101435000	4.71E+11	12/1/2017		15044		1			485.29	MARCELLU WENGERD 3H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	11/1/2012	0	2377	0	1	0	0	79	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	12/1/2012	0	69682	0	1	0	0	2247	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	1/1/2013	1735	48046	0	1	0	55	1549	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	2/1/2013	931	23003	0	1	0	33	821	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	3/1/2013	1509	48209	0	1	0	48	1555	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	4/1/2013	1334	49817	0	1	0	44	1660	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	5/1/2013	1134	42838	0	1	0	36	1381	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	6/1/2013	776	36768	0	1	0	25	1225	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	7/1/2013	816	37424	0	1	0	26	1207	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	8/1/2013	963	34694	0	1	0	31	1119	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	9/1/2013	816	31943	0	1	0	27	1064	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	10/1/2013	771	31168	0	1	0	24	1005	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	11/1/2013	716	28914	0	1	0	23	963	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	12/1/2013	600	27252	0	1	0	19	879	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	1/1/2014	387	25428	0	1	0	12	820	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	2/1/2014	383	25734	0	1	0	13	919	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	3/1/2014	395	28498	0	1	0	12	919	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	4/1/2014	276	22869	0	1	0	9	762	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	5/1/2014	376	29281	0	1	0	12	944	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	6/1/2014	278	26208	0	1	0	9	873	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	7/1/2014	286	26084	0	1	0	9	841	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	8/1/2014	286	23648	0	1	0	9	762	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	9/1/2014	241	21030	0	1	0	8	701	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	10/1/2014	223	17221	0	1	0	7	555	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	11/1/2014	240	17137	0	1	0	8	571	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	12/1/2014	170	15193	0	1	0	5	490	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	1/1/2015	174	22221	0	1	0	5	716	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	2/1/2015	132	15767	0	1	0	4	563	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	3/1/2015	189	19030	0	1	0	6	613	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	4/1/2015	197	16662	0	1	0	6	555	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	5/1/2015	197	17028	0	1	0	6	549	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	6/1/2015	195	14936	0	1	0	6	497	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	7/1/2015	157	14387	0	1	0	5	464	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	8/1/2015	134	17281	0	1	0	4	557	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	9/1/2015	121	17964	0	1	0	4	598	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	10/1/2015	143	16483	0	1	0	4	531	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	11/1/2015	105	14326	0	1	0	3	477	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	12/1/2015	129	14006	0	1	0	4	451	0 MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	1/1/2016		18904		1			609	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	2/1/2016		18244		1			629.1	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	3/1/2016		17115		1			552.1	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	4/1/2016		15920		1			530.67	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	5/1/2016		18989		1			612.55	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	6/1/2016		16660		1			555.33	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	7/1/2016		15616		1			503.74	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	8/1/2016		14438		1			465.74	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	9/1/2016		13966		1			465.53	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	10/1/2016		14776		1			476.65	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	11/1/2016		14527		1			484.23	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	12/1/2016		16658		1			537.35	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	1/1/2017		15064		1			485.94	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	2/1/2017		15097		1			539.18	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	3/1/2017		15441		1			498.1	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	4/1/2017		14963		1			498.77	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	5/1/2017		15828		1			510.58	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	6/1/2017		15078		1			502.6	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	7/1/2017		14496		1			467.61	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	8/1/2017		15233		1			491.39	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	9/1/2017		13769		1			458.97	MARCELLU WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL

1.28E+08	4705101450000	4.71E+11	10/1/2017		10099		1			325.77	MARCELLU	WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	11/1/2017		12647		1			421.57	MARCELLU	WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101450000	4.71E+11	12/1/2017		11442		1			369.1	MARCELLU	WENGERD 6H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	11/1/2012	0	3093	0	1	0	0	103	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	12/1/2012	0	70667	0	1	0	0	2279	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	1/1/2013	1929	53397	0	1	0	62	1722	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	2/1/2013	1541	38064	0	1	0	55	1359	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	3/1/2013	1740	55576	0	1	0	56	1792	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	4/1/2013	1612	60188	0	1	0	53	2006	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	5/1/2013	1074	40578	0	1	0	34	1308	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	6/1/2013	728	34508	0	1	0	24	1150	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	7/1/2013	730	33493	0	1	0	23	1080	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	8/1/2013	886	31929	0	1	0	28	1029	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	9/1/2013	760	29776	0	1	0	25	992	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	10/1/2013	701	28356	0	1	0	22	914	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	11/1/2013	661	26692	0	1	0	22	889	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	12/1/2013	629	28560	0	1	0	20	921	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	1/1/2014	487	31960	0	1	0	15	1030	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	2/1/2014	375	25187	0	1	0	13	899	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	3/1/2014	397	28683	0	1	0	12	925	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	4/1/2014	293	24287	0	1	0	9	809	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	5/1/2014	450	35014	0	1	0	14	1129	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	6/1/2014	323	30425	0	1	0	10	1014	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	7/1/2014	252	22987	0	1	0	8	741	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	8/1/2014	247	20427	0	1	0	7	658	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	9/1/2014	223	19528	0	1	0	7	650	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	10/1/2014	204	15793	0	1	0	6	509	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	11/1/2014	233	16622	0	1	0	7	554	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	12/1/2014	155	13827	0	1	0	5	446	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	1/1/2015	243	20761	0	1	0	7	669	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	2/1/2015	179	13253	0	1	0	6	473	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	3/1/2015	272	14653	0	1	0	8	472	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	4/1/2015	291	15185	0	1	0	9	506	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	5/1/2015	280	14825	0	1	0	9	478	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	6/1/2015	271	11929	0	1	0	9	397	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	7/1/2015	225	11561	0	1	0	7	372	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	8/1/2015	193	14840	0	1	0	6	478	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	9/1/2015	212	16882	0	1	0	7	562	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	10/1/2015	139	14227	0	1	0	4	458	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	11/1/2015	141	13194	0	1	0	4	439	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	12/1/2015	154	10729	0	1	0	4	346	0 MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	1/1/2016		18253		1			588	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	2/1/2016		15258		1			526.14	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	3/1/2016		16165		1			521.45	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	4/1/2016		16818		1			560.6	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	5/1/2016		16647		1			537	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	6/1/2016		16516		1			550.53	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	7/1/2016		15674		1			505.61	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	8/1/2016		15912		1			513.29	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	9/1/2016		15199		1			506.63	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	10/1/2016		15227		1			491.19	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	11/1/2016		13430		1			447.67	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	12/1/2016		13723		1			442.68	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	1/1/2017		13795		1			445	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	2/1/2017		11982		1			427.93	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	3/1/2017		12071		1			389.39	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	4/1/2017		12056		1			401.87	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	5/1/2017		15929		1			513.84	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	6/1/2017		17218		1			573.93	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	7/1/2017		18232		1			588.13	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	8/1/2017		16918		1			545.74	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	9/1/2017		16008		1			533.6	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	10/1/2017		11179		1			360.61	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	11/1/2017		17952		1			598.4	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101448000	4.71E+11	12/1/2017		16466		1			531.16	MARCELLU	WENGERD 4H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	8/1/2011	0	93551	0	1	0	0	3017	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	9/1/2011	0	74562	0	1	0	0	2485	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	10/1/2011	0	4094	0	1	0	0	132	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	11/1/2011	0	94937	0	1	0	0	3164	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	12/1/2011	0	72050	0	1	0	0	2324	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	1/1/2012	0	73072	0	1	0	0	2357	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	2/1/2012	0	63867	0	1	0	0	2202	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	3/1/2012	0	72302	0	1	0	0	2332	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	4/1/2012	0	62757	0	1	0	0	2091	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	12/1/2012	0	66560	0	1	0	0	2147	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	1/1/2013	2300	63675	0	1	0	74	2054	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	2/1/2013	892	22028	0	1	0	31	786	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	3/1/2013	1885	60124	0	1	0	60	1939	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	4/1/2013	1638	61160	0	1	0	54	2038	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	5/1/2013	1457	55040	0	1	0	47	1775	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	6/1/2013	1002	47492	0	1	0	33	1583	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	7/1/2013	1067	48948	0	1	0	34	1578	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	8/1/2013	1208	43537	0	1	0	38	1404	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	9/1/2013	1179	46179	0	1	0	39	1539	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	10/1/2013	980	39637	0	1	0	31	1278	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	11/1/2013	1006	40615	0	1	0	33	1353	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	12/1/2013	804	36521	0	1	0	25	1178	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	1/1/2014	649	42601	0	1	0	20	1374	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	2/1/2014	519	34819	0	1	0	18	1243	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	3/1/2014	571	41185	0	1	0	18	1328	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	4/1/2014	384	31825	0	1	0	12	1060	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	5/1/2014	478	37166	0	1	0	15	1198	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	6/1/2014	377	35584	0	1	0	12	1186	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	7/1/2014	398	36304	0	1	0	12	1171	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	8/1/2014	376	31118	0	1	0	12	1003	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	9/1/2014	322	28132	0	1	0	10	937	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	10/1/2014	309	23909	0	1	0	9	771	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	11/1/2014	349	24918	0	1	0	11	830	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	12/1/2014	247	22105	0	1	0	7	713	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	1/1/2015	265	31888	0	1	0	8	1028	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	2/1/2015	216	23604	0	1	0	7	843	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	3/1/2015	213	26597	0	1	0	6	857	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	4/1/2015	140	25986	0	1	0	4	866	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	5/1/2015	172	25408	0	1	0	5	819	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	6/1/2015	202	21501	0	1	0	6	716	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	7/1/2015	147	19937	0	1	0	4	643	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	8/1/2015	103	25267	0	1	0	3	815	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	9/1/2015	59	26359	0	1	0	1	878	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	10/1/2015	79	25119	0	1	0	2	810	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	11/1/2015	76	23531	0	1	0	2	784	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	12/1/2015	115	20553	0	1	0	3	663	0 MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	1/1/2016		30121		1			971	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	2/1/2016		26205		1			903.62	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	3/1/2016		28307		1			913.13	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	4/1/2016		26962		1			898.73	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	5/1/2016		25273		1			815.26	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	6/1/2016		24982		1			832.73	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	7/1/2016		24800		1			800	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	8/1/2016		25412		1			819.74	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	9/1/2016		23528		1			784.27	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	10/1/2016		22263		1			718.16	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	11/1/2016		22270		1			742.33	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	12/1/2016		23435		1			755.97	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL

1.28E+08	4705101451000	4.71E+11	1/1/2017		22192		1			715.87	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	2/1/2017		18375		1			656.25	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	3/1/2017		20005		1			645.32	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	4/1/2017		19600		1			653.33	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	5/1/2017		20164		1			650.45	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	6/1/2017		17933		1			597.77	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	7/1/2017		19029		1			613.84	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	8/1/2017		18615		1			600.48	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	9/1/2017		18277		1			609.23	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	10/1/2017		11791		1			380.35	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	11/1/2017		19751		1			658.37	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101451000	4.71E+11	12/1/2017		18107		1			584.1	MARCELLU	WENGERD 7H	TUG HILL OPERATING, LLC	GAS	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	8/1/2011	0	59792	0	1	0	0	1928	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	9/1/2011	0	45262	0	1	0	0	1508	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	10/1/2011	0	3972	0	1	0	0	128	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	11/1/2011	0	73027	0	1	0	0	2434	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	12/1/2011	0	49422	0	1	0	0	1594	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	1/1/2012	0	52316	0	1	0	0	1687	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	2/1/2012	0	43064	0	1	0	0	1484	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	3/1/2012	0	46508	0	1	0	0	1500	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	4/1/2012	0	40935	0	1	0	0	1364	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	12/1/2012	0	44372	0	1	0	0	1431	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	1/1/2013	1533	42447	0	1	0	49	1369	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	2/1/2013	595	14687	0	1	0	21	524	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	3/1/2013	1257	40145	0	1	0	40	1295	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	4/1/2013	1092	40778	0	1	0	36	1359	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	5/1/2013	971	36692	0	1	0	31	1183	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	6/1/2013	668	31661	0	1	0	22	1055	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	7/1/2013	712	32634	0	1	0	22	1052	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	8/1/2013	806	29027	0	1	0	26	936	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	9/1/2013	786	30784	0	1	0	26	1026	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	10/1/2013	653	26418	0	1	0	21	852	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	11/1/2013	671	27071	0	1	0	22	902	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	12/1/2013	536	24347	0	1	0	17	785	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	1/1/2014	432	28404	0	1	0	13	916	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	2/1/2014	346	23209	0	1	0	12	828	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	3/1/2014	380	27451	0	1	0	12	885	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	4/1/2014	256	21219	0	1	0	8	707	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	5/1/2014	318	24777	0	1	0	10	799	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	6/1/2014	252	23729	0	1	0	8	790	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	7/1/2014	265	24202	0	1	0	8	780	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	8/1/2014	251	20743	0	1	0	8	669	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	9/1/2014	218	19019	0	1	0	7	633	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	10/1/2014	206	15941	0	1	0	6	514	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	11/1/2014	233	16613	0	1	0	7	553	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	12/1/2014	165	14733	0	1	0	5	475	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	1/1/2015	176	21260	0	1	0	5	685	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	2/1/2015	144	15738	0	1	0	5	562	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	3/1/2015	142	17729	0	1	0	4	571	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	4/1/2015	93	17329	0	1	0	3	577	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	5/1/2015	115	16943	0	1	0	3	546	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	6/1/2015	135	14337	0	1	0	4	477	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	7/1/2015	98	13294	0	1	0	3	428	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	8/1/2015	68	16840	0	1	0	2	543	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	9/1/2015	39	17576	0	1	0	1	585	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	10/1/2015	53	16743	0	1	0	1	540	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	11/1/2015	51	15692	0	1	0	1	523	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	12/1/2015	77	13701	0	1	0	2	441	0 MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	1/1/2016		20081		1			647	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	2/1/2016		17470		1			602.41	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	3/1/2016		18871		1			608.74	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	4/1/2016		17974		1			599.13	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	5/1/2016		16848		1			543.48	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	6/1/2016		17304		1			576.8	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	7/1/2016		16533		1			533.32	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	8/1/2016		16941		1			546.48	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	9/1/2016		15685		1			522.83	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	10/1/2016		14880		1			480	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	11/1/2016		14898		1			496.6	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	12/1/2016		15566		1			502.13	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	1/1/2017		14795		1			477.26	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	2/1/2017		12286		1			438.79	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	3/1/2017		13366		1			431.16	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	4/1/2017		13146		1			438.2	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	5/1/2017		13434		1			433.35	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	6/1/2017		12001		1			400.03	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	7/1/2017		12709		1			409.97	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	8/1/2017		12428		1			400.9	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	9/1/2017		12237		1			407.9	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	10/1/2017		7843		1			253	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	11/1/2017		13190		1			439.67	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL
1.28E+08	4705101377000	4.71E+11	12/1/2017		12071		1			389.39	MARCELLU	WENGERD 1H	TUG HILL OPERATING, LLC	O&G	ACTIVE	WELL

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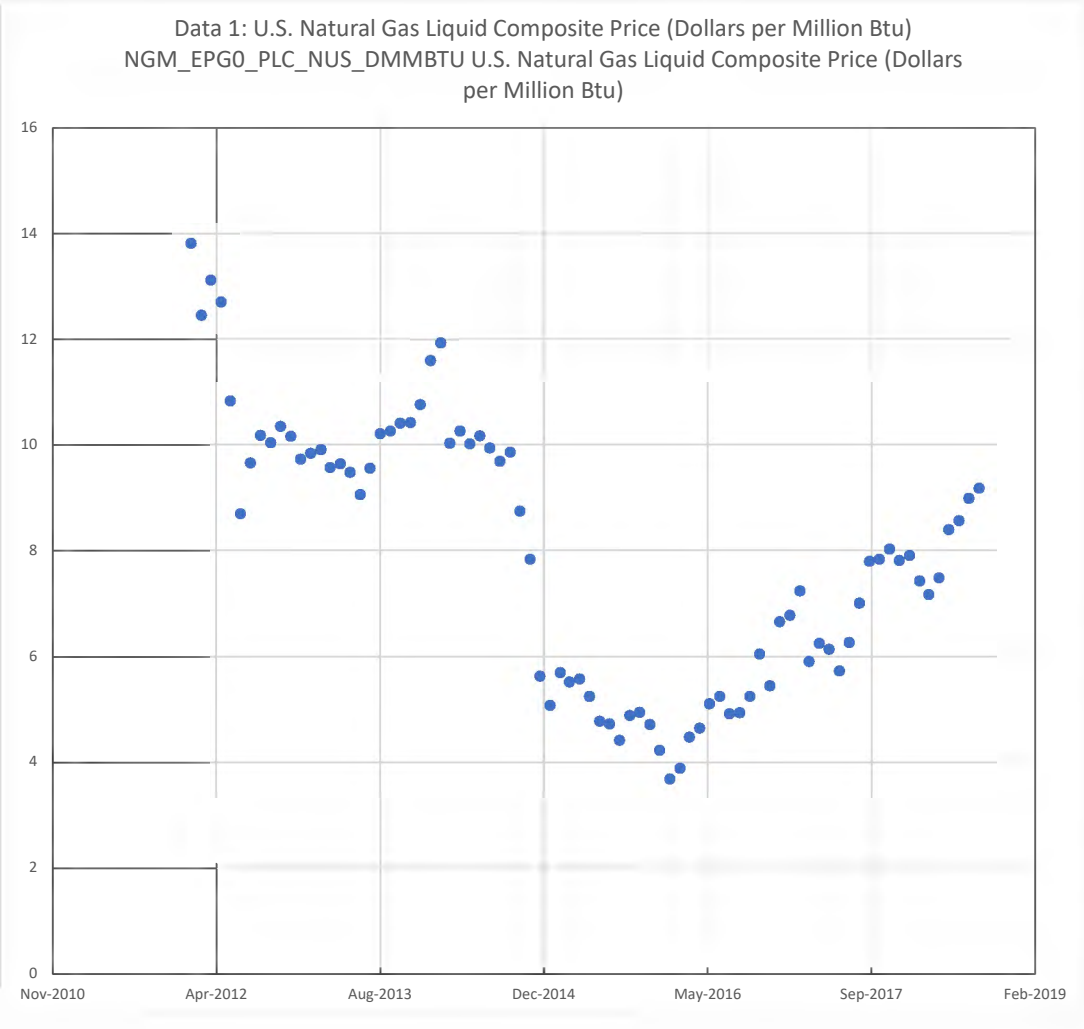
Data 1: U.S. Natural Gas Liquid Composite Price (Dollars per Million Btu)

Sourcekey	NGM_EPG0_PLC_NUS_DMMBTU		
Date	U.S. Natural Gas Liquid Composite Price (Dollars per Million Btu)	Assumed Cost of NGL Transpo	
Jan-2009	7.31	24.48391	$0.24
Feb-2009	6.9	23.11067	$0.23
Mar-2009	6.7	22.44079	$0.22
Apr-2009	6.94	23.24464	$0.23
May-2009	7.72	25.85715	$0.26
Jun-2009	9.35	31.31663	$0.31
Jul-2009	8.36	28.00075	$0.28
Aug-2009	9.51	31.85253	$0.32
Sep-2009	9.67	32.38843	$0.32
Oct-2009	10.52	35.2354	$0.35
Nov-2009	11.76	39.38862	$0.39
Dec-2009	12.45	41.69969	$0.42
Jan-2010	13.46	45.08255	$0.45
Feb-2010	13.23	44.3122	$0.44
Mar-2010	11.89	39.82404	$0.40
Apr-2010	11.62	38.91971	$0.39
May-2010	11.29	37.81441	$0.38
Jun-2010	10.93	36.60864	$0.37
Jul-2010	10.18	34.09661	$0.34
Aug-2010	10.48	35.10142	$0.35
Sep-2010	11.02	36.91008	$0.37
Oct-2010	12.15	40.69487	$0.41
Nov-2010	12.71	42.57052	$0.43
Dec-2010	13.07	43.7763	$0.44
Jan-2011	13.03	43.64232	$0.44
Feb-2011	13.65	45.71893	$0.46
Mar-2011	14.38	48.16397	$0.48
Apr-2011	15.45	51.7478	$0.52
May-2011	15.62	52.3172	$0.52
Jun-2011	15.23	51.01094	$0.51
Jul-2011	15.8	52.92008	$0.53
Aug-2011	15.24	51.04444	$0.51
Sep-2011	15.88	53.18803	$0.53
Oct-2011	15.71	52.61864	$0.53
Nov-2011	15.7	52.58515	$0.53
Dec-2011	15.31	51.27889	$0.51
Jan-2012	13.82	46.28833	$0.46
Feb-2012	12.47	41.76667	$0.42
Mar-2012	13.13	43.97726	$0.44
Apr-2012	12.72	42.60402	$0.43
May-2012	10.83	36.2737	$0.36
Jun-2012	8.7	29.13954	$0.29
Jul-2012	9.66	32.35494	$0.32
Aug-2012	10.18	34.09661	$0.34
Sep-2012	10.04	33.6277	$0.34
Oct-2012	10.35	34.666	$0.35
Nov-2012	10.16	34.02962	$0.34
Dec-2012	9.73	32.58939	$0.33



Jan-2013	9.84		32.95782	$0.33
Feb-2013	9.91		33.19228	$0.33
Mar-2013	9.57		32.05349	$0.32
Apr-2013	9.64		32.28795	$0.32
May-2013	9.48		31.75205	$0.32
Jun-2013	9.06		30.34531	$0.30
Jul-2013	9.56		32.02	$0.32
Aug-2013	10.21		34.19709	$0.34
Sep-2013	10.26		34.36456	$0.34
Oct-2013	10.41		34.86697	$0.35
Nov-2013	10.42		34.90046	$0.35
Dec-2013	10.76		36.03925	$0.36
Jan-2014	11.61		38.88621	$0.39
Feb-2014	11.94		39.99151	$0.40
Mar-2014	10.03		33.59421	$0.34
Apr-2014	10.26		34.36456	$0.34
May-2014	10.02		33.56071	$0.34
Jun-2014	10.17		34.06312	$0.34
Jul-2014	9.94		33.29276	$0.33
Aug-2014	9.69		32.45542	$0.32
Sep-2014	9.86		33.02481	$0.33
Oct-2014	8.75		29.30701	$0.29
Nov-2014	7.84		26.25908	$0.26
Dec-2014	5.63		18.85697	$0.19
Jan-2015	5.08		17.01481	$0.17
Feb-2015	5.7		19.09142	$0.19
Mar-2015	5.52		18.48854	$0.18
Apr-2015	5.58		18.6895	$0.19
May-2015	5.25		17.58421	$0.18
Jun-2015	4.78	16.01	16.01	$0.16
Jul-2015	4.73		15.84253	$0.16
Aug-2015	4.42	13.52	14.80423	$0.15
Sep-2015	4.89		16.37843	$0.16
Oct-2015	4.95		16.57939	$0.17
Nov-2015	4.72		15.80904	$0.16
Dec-2015	4.23		14.16785	$0.14
Jan-2016	3.69		12.35918	$0.12
Feb-2016	3.89		13.02906	$0.13
Mar-2016	4.48		15.00519	$0.15
Apr-2016	4.65		15.57458	$0.16
May-2016	5.11		17.11529	$0.17
Jun-2016	5.25		17.58421	$0.18
Jul-2016	4.92		16.47891	$0.16
Aug-2016	4.94		16.5459	$0.17
Sep-2016	5.25		17.58421	$0.18
Oct-2016	6.05		20.2637	$0.20
Nov-2016	5.45		18.25408	$0.18
Dec-2016	6.66		22.30682	$0.22
Jan-2017	6.78		22.70874	$0.23
Feb-2017	7.24		24.24946	$0.24
Mar-2017	5.91		19.79479	$0.20
Apr-2017	6.25		20.93358	$0.21
May-2017	6.14		20.56515	$0.21
Jun-2017	5.73		19.1919	$0.19
Jul-2017	6.27		21.00056	$0.21
Aug-2017	7.01		23.4791	$0.23

Sep-2017	7.8	26.1251	$0.26
Oct-2017	7.84	26.25908	$0.26
Nov-2017	8.03	26.89546	$0.27
Dec-2017	7.82	26.19209	$0.26
Jan-2018	7.91	26.49354	$0.26
Feb-2018	7.43	24.88584	$0.25
Mar-2018	7.17	24.015	$0.24
Apr-2018	7.49	25.0868	$0.25
May-2018	8.4	28.13473	$0.28
Jun-2018	8.57	28.70412	$0.29
Jul-2018	8.99	30.11086	$0.30
Aug-2018	9.18	30.74724	$0.31

IN THE CIRCUIT COURT OF MARSHALL COUNTY, WEST VIRGINIA

CIVIL CASE INFORMATION STATEMENT
(Civil Cases Other than Domestic Relations)

I. CASE STYLE:

Case No. 17-C-214

Judge: Cramer

Plaintiff(s)

PennMarc Resources II, LP, et al.

vs.

Defendant(s)

Gastar Exploration USA, Inc.
Name

331 Lamar, Suite 650
Street Address

Houston, TX 77010
City, State, Zip Code

Days to Answer	Type of Service
30	Secretary of State

II. TYPE OF CASE:

- [x] General Civil
- [ ] Mass Litigation *[As defined in T.C.R. 26.04(a)]*
  - [ ] Asbestos
  - [ ] FELA Asbestos
  - [ ] Other:
- [ ] Habeas Corpus/Other Extraordinary Writ
- [ ] Other:
- [ ] Adoption
- [ ] Administrative Agency Appeal
- [ ] Civil Appeal from Magistrate Court
- [ ] Miscellaneous Civil Petition
- [ ] Mental Hygiene
- [ ] Guardianship
- [ ] Medical Malpractice

III. JURY DEMAND: [x] Yes [ ] No CASE WILL BE READY FOR TRIAL BY (Month/Year): /

IV. DO YOU OR ANY OF YOUR CLIENTS OR WITNESSES IN THIS CASE REQUIRE SPECIAL ACCOMMODATIONS?

[ ] Yes [x] No

IF YES, PLEASE SPECIFY:

- [ ] Wheelchair accessible hearing room and other facilites
- [ ] Reader or other auxiliary aid for the visually impaired
- [ ] Interpreter or other auxiliary aid for the deaf and hard of hearing
- [ ] Spokesperson or other auxiliary aid for the speech impaired
- [ ] Foreign language interpreter-specify language:
- [ ] Other:

Attorney Name: Mark A. Kepple, Esq.
Firm: Bailey & Wyant, P.L.L.C.
Address: 1219 Chapline Street, Wheeling, WV 26003
Telephone: (304) 233-3100

Representing:
- [x] Plaintiff
- [ ] Defendant
- [ ] Cross-Defendant
- [ ] Cross-Complainant
- [ ] 3rd-Party Plaintiff
- [ ] 3rd-Party Defendant

[ ] **Proceeding Without an Attorney**

Original and 5 copies of complaint enclosed/attached.

Dated: 10 / 23 / 2017 Signature:

Plaintiff: PennMarc Resources II, LP, et al. *, et al* **Case Number:** _____

vs.

Defendant: Gastar Exploration USA, Inc. *, et al*

CIVIL CASE INFORMATION STATEMENT
DEFENDANT(S) CONTINUATION PAGE

Gastar Exploration, Inc.
Defendant's Name

1331 Lamar, Suite 650
Street Address

Houston, TX 77010
City, State, Zip Code

Days to Answer: 30

Type of Service: Secretary of State

Gastar Exploration Texas LP
Defendant's Name

1331 Lamar, Suite 650
Street Address

Houston, TX 77010
City, State, Zip Code

Days to Answer: 30

Type of Service: Secretary of State

TH Exploration II, LLC
Defendant's Name

1320 S University Drive, Suite 500
Street Address

Fort Worth, TX 76107
City, State, Zip Code

Days to Answer: 30

Type of Service: Secretary of State

Tug Hill Operating, LLC
Defendant's Name

1320 South University Drive, Suite 500
Street Address

Fort Worth, TX 76107
City, State, Zip Code

Days to Answer: 30

Type of Service: Secretary of State

Defendant's Name

Street Address

City, State, Zip Code

Days to Answer: _____

Type of Service: _____

Defendant's Name

Street Address

City, State, Zip Code

Days to Answer: _____

Type of Service: _____

Defendant's Name

Street Address

City, State, Zip Code

Days to Answer: _____

Type of Service: _____

IN THE CIRCUIT COURT OF MARSHALL COUNTY, WEST VIRGINIA

PennMarc Resources II, LP, Appalachian Basin Minerals, LP, McCrow Energy Partners II, LLC, Wildes Mineral Interests, LLC, Marcellus Tx Mineral Partners, Ltd., Prairie Mineral Company, LLC, Purpleburgh Ventures, LLC, JMK Irrevocable Trust Dated April 4, 2005, and Amended on July 2, 2013, Venable Royalty, Ltd., Venro, Ltd., Sharon Midcap, Michael West, Lloyd Richard Oliver and Deanna Oliver, Ronald Goddard, Ronald W. Goddard, Francis R. Goddard, Wayne Goddard, Janet Bullis, Paulette Parker, Judy Prock, Bruce Goddard, Sr., Sarah Lynn Moxley, Susan Gordon, Kenneth Alan Goddard, Harry C. Crone, Jerry J. Crone, Donald P. Crone, Richard P. Crone, Susan Goddard Martin, Paul D. Crone, Phyllis Welcher, Bobby D. Crone, Wanda Sue Sayers, Woodrow Bailey, Karen L. Campbell, and Shelton Goddard,

Plaintiffs,

v.

Gastar Exploration USA, Inc., Gastar Exploration, Inc., Gastar Exploration Texas LP, TH Exploration II, LLC, and Tug Hill Operating, LLC,

Defendants.

COMPLAINT

Now come Plaintiffs, PennMarc Resources II, LP, Appalachian Basin Minerals, LP, McCrow Energy Partners II, LLC, Wildes Mineral Interests, LLC, Marcellus Tx Mineral Partners, Ltd., Prairie Mineral Company, LLC, Purpleburgh Ventures, LLC, JMK Irrevocable Trust Dated April 4, 2005, and Amended on July 2, 2013, Venable Royalty, Ltd., Venro, Ltd., Sharon Midcap, Michael West, Lloyd Richard Oliver and Deanna Oliver, Ronald Goddard, Ronald W. Goddard, Francis R. Goddard, Wayne Goddard, Janet Bullis, Paulette Parker, Judy Prock, Bruce

Goddard, Sr., Sarah Lynn Moxley, Susan Gordon, Kenneth Alan Goddard, Harry C. Crone, Jerry J. Crone, Donald P. Crone, Richard P. Crone, Susan Goddard Martin, Paul D. Crone, Phyllis Welcher, Bobby D. Crone, Wanda Sue Sayers, Woodrow Bailey, Karen L. Campbell, and Shelton Goddard (collectively, "Plaintiffs"), by counsel Mark Kepple and the Law firm Bailey & Wyant, PLLC and for their complaint against Defendants, Gastar Exploration USA, Inc., Gastar Exploration, Inc., and Gastar Exploration Texas, LP (collectively "Gastar"); TH Exploration II, LLC and Tug Hill Operating, LLC (collectively "Tug Hill"); (Gastar and Tug Hill collectively "Defendants") state as follows:

PARTIES

1. PennMarc Resources II, LP, is a Texas limited partnership with a place of business at 2 East Market Street, Suite 1, Clearfield, PA 16830.

2. Appalachian Basin Minerals, LP, is a Texas limited partnership with a place of business at 2 East Market Street, Suite 1, Clearfield, PA 16830.

3. McCrow Energy Partners II, LLC, is a Texas limited liability company with a place of business at 2 East Market Street, Suite 1, Clearfield, PA 16830.

4. Wildes Mineral Interests, LLC, is a Texas limited liability company with a place of business at 2 East Market Street, Suite 1, Clearfield, PA 16830.

5. Marcellus Tx Mineral Partners, Ltd., is a Texas corporation with its place of business at 5111 Broadway, San Antonio, Texas 78209.

6. Prairie Mineral Company, LLC, is a Texas limited liability company with a place of business at 306 West 7th Street, Fort Worth, Texas 76102.

7. Purpleburgh Ventures, LLC, is a Texas limited liability company with a place of business at 600 Texas Street, Suite 101, Fort Worth, Texas 76102.

8. JMK Irrevocable Trust Dated April 4, 2005, and Amended on July 2, 2013, is a trust with an address of 600 Texas Street, Suite 101, Fort Worth, Texas 76102.

9. Venable Royalty, Ltd. is a partnership organized under the laws of Texas with a place of business at 5910 North Central Expressway, Suite 1470, Dallas, Texas 75206.

10. Venro, Ltd. is a partnership organized under the laws of Texas with a place of business at 5910 North Central Expressway, Suite 1470, Dallas, Texas 75206.

11. Sharon Midcap is a citizen of the State of West Virginia residing at 16 Huff Ridge Road, Proctor, West Virginia 26055.

12. Michael West is a citizen of the State of West Virginia residing at 1411 Seventh Street, Moundsville, West Virginia 26041.

13. Lloyd Richard Oliver and Deanna Oliver, his wife, are citizens of the State of West Virginia residing at 19 Olive Avenue, Moundsville, West Virginia 26041.

14. Ronald Goddard is a citizen of the State of West Virginia residing at 16 Greentree Road, Wheeling, WV 26003.

15. Ronald W. Goddard is a citizen of the State of West Virginia residing at 3327 Dry Run Road, Burlington, West Virginia 26710.

16. Francis R. Goddard is a citizen of the State of West Virginia residing at 69 Julie Court, Glen Dale, West Virginia 26038.

17. Wayne Goddard is a citizen of the State of West Virginia residing at 877 Middle Fork Road, New Martinsville, West Virginia 26155.

18. Janet Bullis is a citizen of the State of North Carolina residing at 833 Goddard Lane, Miller Creek, North Carolina 28651.

19. Paulette Parker is a citizen of the Commonwealth of Virginia residing at 3504 Gargary Lane, Lynchburg, Virginia 24503.

20. Judy Prock is a citizen of the State of Texas residing at 8739 Timberwick Street, San Antonio, Texas 78250.

21. Bruce Goddard, Sr., is a citizen of the State of Texas residing at 3722 Piper Meadow Street, San Antonio, Texas 78251.

22. Sarah Lynn Moxley is a citizen of the State of North Carolina residing at 2141 North Oak Ridge Church Road, Boonsville, North Carolina 27011.

23. Susan Gordon is a citizen of the Commonwealth of Virginia residing at 44 Shauns Lane, Fredricksburg, Virginia 22405.

24. Kenneth Alan Goddard is a citizen of the State of Texas residing at 9215 Ridgeland Street, San Antonio, Texas 78250.

25. Harry C. Crone is a citizen of the Commonwealth of Virginia residing at 241 Choptank Road, Stafford, Virginia 22554.

26. Jerry J. Crone is a resident of the Commonwealth of Virginia residing at 11700 Exeter Court, Fredricksburg, Virginia 22408.

27. Donald P. Crone is a citizen of the Commonwealth of Kentucky residing at 845 Twin Creek Road, Kernersville, North Carolina 27284.

28. Richard P. Crone is a citizen of the State of North Carolina residing at 631 Campbell Road, Tisgah Forrest, North Carolina 28768.

29. Susan Goddard Martin is a citizen of the State of North Carolina residing at 5818 Landon Drive, Pfafftown, North Carolina 27040-9045.

30. Paul D. Crone is a citizen of the State of North Carolina residing at 1829 Statesville Boulevard, Salisbury, North Carolina 28144.

31. Phyllis Welcher is a citizen of the State of North Carolina residing at 804 Brookwood Drive, Mooresville, North Carolina 28115.

32. Bobby D. Crone is a citizen of the State of North Carolina residing at 766 Triplet Road, Cleveland, North Carolina 27013.

33. Wanda Sue Sayers is a citizen of the State of West Virginia residing at 220 North Pine Street, Elk Garden, West Virginia 26717.

34. Woodrow Bailey is a citizen of the State of North Carolina residing at 210 Jefferson Avenue, Gastonia, North Carolina 28056.

35. Karen L. Campbell is a citizen of the State of New York residing at 8 Fiddlers Green, Lansing, New York 14882.

36. Shelton Goddard is a citizen of the State of North Carolina residing at 744 Goddard Lane, Miller Creek, North Carolina 28651.

37. Gastar Exploration USA, Inc. is a Michigan corporation with a place of business at 1331 Lamar, Suite 650, Houston, Texas 77010.

38. Gastar Exploration, Inc. is a Delaware corporation with a place of business at 1331 Lamar, Suite 650, Houston, Texas 77010.

39. Gastar Exploration Texas LP is a Delaware limited partnership with a place of business at 1331 Lamar, Suite 650, Houston, Texas 77010.

40. TH Exploration II, LLC is a Texas limited liability company with a place of business at 1320 South University Drive, Suite 500, Fort Worth, Texas 76107.

41. Tug Hill Operating, LLC is a Texas limited liability company with a place of business at 1320 South University Drive, Suite 500, Fort Worth, Texas 76107.

42. Venue in the circuit court of Marshall County, West Virginia is appropriate.

43. Jurisdiction in the circuit court of Marshall County, West Virginia is appropriate.

44. Plaintiffs are not pursuing any claim based in whole or in part on federal law and there is no federal question jurisdiction.

FACTS

45. Plaintiffs are owners of interests in oil and gas in place in Marshall County, West Virginia.

46. Approximately 920 net mineral acres of oil and gas owned by the Plaintiffs in Marshall County are subject to oil and gas leases either taken by or assigned to Gastar. A chart identifying each Plaintiff, lease recording data, original lessee, parcel number, and leased acreage is attached as Exhibit A. A sample lease taken by Gastar is attached as Exhibit B. A sample lease taken by Chesapeake Appalachia LLC ("Chesapeake") and subsequently

assigned to Defendants is attached as Exhibit C. A sample lease taken by TriEnergy Holdings, LLC ("TriEnergy") and subsequently assigned to Defendants is attached as Exhibit D.

47. Gastar drilled and/or operated oil and gas wells on Plaintiffs' leaseholds between January 2013 and April 2016.

48. Gastar assigned Plaintiffs' leases to Tug Hill in April 2016.

49. Tug Hill is currently operating oil and gas wells on Plaintiffs' leaseholds.

50. The wells on Plaintiffs' leaseholds are included in certain designated pooled units including, but not limited to, units identified as Armstrong, M-Blake, U-Blake, Corley, Hendrickson/Hall, Shields, Shields North, Simms-U, Simms-M, Wengerd, Accettolo, Burch Ridge, and Hoyt.

51. Paragraph 5 of the leases taken by Gastar governs the royalties payable by Defendants to certain of the Plaintiffs. That paragraph provides:

> 5. **Royalty Payments:** The royalties reserved by Lessor, and which shall be paid by Lessee, are: (a) on oil (including but not limited to distillate and condensate) One eighth (1/8) of that produced and saved from the lease premises, the same to be delivered at the wells or to the credit of Lessor in the pipeline to which the wells may be connected, provided; however, Lessee, at its option, may from time to time purchase the royalty oil, paying not less than the price prevailing in the pricing area for oil of like grade and gravity at the time of delivery; (b) on gas, including casinghead gas and all other gaseous or vaporous substances, produced from the Land and sold or used off the lease premises or in the manufacture of gasoline or in the extraction of sulphur or any other product, the market value at the wells of One-eighth (1/8) of the gas sold or used, with the market value at the wells in no event to exceed the net proceeds received by Lessee calculated or allocated back to the wells from which produced, making allowance and deduction for a fair and reasonable charge for gathering, compressing, and making the gas merchantable, provided, that on gas sold at the wells, the royalty shall be One-eighth (1/8) of the net proceeds received by the Lessee from the sale, all allowances and deductions, and provided further that, if any sale of gas is regulated as to price by any governmental agency having the jurisdiction, the market value or net proceeds shall in no event exceed the amount received by the Lessee, not subject to refund, calculated, or allocated back to the wells from which produced, making allowance and deduction for a fair and reasonable charge for gathering, compressing, and making the gas merchantable, and which amount may be further adjusted up or down prospectively or retrospectively when the price or rate authorized by the governmental agency is finally determined. . . .

52. An Addendum to the leases taken by Chesapeake governs the royalties payable by Defendants to certain of the Plaintiffs. That paragraph provides:

> The Lessee shall deliver to the credit of the Lessor free of cost, in the pipeline to which it may connect its wells, the equal one-eighth (1/8) part of all oil produced and sold from the leased premises, and shall pay Lessor one-eighth (1/8) of the proceeds of all gas produced and sold from the leased premises, payable monthly: It is agreed between the Lessor and Lessee that all oil, gas or other proceeds accruing to the Lessor under this lease or by state law shall be without deduction, directly or indirectly, for the cost of producing, gathering, separating, treating, dehydrating, compressing, producing, transporting, and marketing the oil, gas and other products produced hereunder to transform the product into marketable form. However, in no event shall Lessor receive a price that is less than, or more than, the price received by Lessee.

53. Paragraph 4 of the leases taken by TriEnergy governs the royalties payable by Defendants to certain of the Plaintiffs. That paragraph provides:

> Royalty Payment - (a) For crude oil, including condensate, Lessee shall pay to the Lessor, as royalty, free of production cost, Sixteen Percent (16%) of the proceeds realized by Lessee from the sale of all crude oil produced and sold from the leased premises. (b) For gas (including casing-head gas) and all other substances covered hereby, the royalty shall be Sixteen Percent (16%) of the proceeds realized by Lessee from the sale thereof, with no deduction of any costs incurred by Lessee or its affiliates to gather, transport, compress, dehydrate or otherwise treat such gas prior to the point of custody transfer into the pipelines or other facilities owned by a regulated utility or pipeline company or a non-affiliated third party.

54. Defendants accompany each royalty check with a Revenue Owner Inquiry/Report in the form of Exhibit E. The report shows the gross amount realized from the sale of oil and gas as being equal to the owner's net royalty payment.

55. The report does not show any deductions from the royalties paid to Plaintiffs.

56. In fact, however, Defendants have deducted and continue to deduct capacity reservation fees, electricity costs, electricity plant fuel costs, transport fees, fractionization, de-ethanization and marketing fees from the royalties paid to Plaintiffs. Such deductions have the effect of lessening the prices for gas, gas liquids, and condensate on which Plaintiffs receive royalties.

57. Under West Virginia law, if an oil and gas lease provides for a royalty based on market value or on proceeds received by the lessee, unless the lease provides otherwise, the lessee must bear all costs incurred in exploring for, producing, marketing, and transporting the product to the point of sale.

58. Under West Virginia law, oil and gas leases, and ambiguities contained therein, will generally be liberally construed in favor of the lessor, and strictly as against the lessee.

59. Under West Virginia law, language in an oil and gas lease that is intended to allocate between the lessor and lessee the costs of marketing the product and transporting it to the point of sale must expressly provide that the lessor shall bear some part of the costs incurred between the wellhead and the point of sale, identify with particularity the specific deductions the lessee intends to take from the lessor's royalty, and indicate the method of calculating the amount to be deducted from the royalty for such post-production costs. Generic phrases like "at the well" or "with allowances and deductions" are insufficient. Moreover, under West Virginia law, a lessee may use lease language to allocate post-production costs against a lessor only if the lessee has actually incurred such costs and they are reasonable.

60. Defendants or their predecessors in interest drafted Plaintiffs' leases, and so the leases must be construed liberally in favor of Plaintiffs and strictly against Defendants.

61. Defendants have deducted and continue to deduct from Plaintiffs' royalties amounts that were not identified with particularity in the leases. Such deductions are a breach of the leases.

62. Defendants have deducted and continue to deduct post-production costs from Plaintiffs' royalties where the leases did not indicate the method of calculating the amounts to be deducted. Such deductions are a breach of the leases.

63. On information and belief, Defendants have deducted and continue to deduct post-production costs from Plaintiffs' royalties without sufficient proof that Defendants have

incurred such costs and without proof that the same are reasonable. Such deductions are a breach of the leases.

64. Plaintiffs have sustained and are continuing to sustain pecuniary loss because Defendants have deducted and continue to deduct from Plaintiffs' royalties amounts that were not permitted by the leases.

65. Certain of the Plaintiffs have contacted Defendants in order to learn about the amounts Defendants have deducted from Plaintiffs' royalties.

66. Plaintiffs' contacts with Defendants about the deductions began more than 60 days prior to the filing of this action and substantially comply with any notice requirements of the leases. Upon information and belief, it would be futile for Plaintiffs to provide any additional notice.

67. Defendants' breach of the leases relieves Plaintiffs of strict compliance with any notice provisions of the leases.

68. Lessee Defendants have superior knowledge and economic power in their lease relationship with Lessor Plaintiffs.

69. Defendants or their predecessors in interest drafted the leases and in certain cases inserted arbitration clauses. Plaintiffs were offered form contracts prepared by the lessee, who had superior leverage in the transaction and superior knowledge about the lease terms. Plaintiffs did not have any meaningful opportunity to bargain over the arbitration provisions. Many Plaintiffs know nothing about the arbitration clauses or even what arbitration is. There was no meeting of the minds about the arbitration clauses. There was no consideration for the arbitration clauses.

70. Defendants control the operational aspects of the work done under the leases. Upon information and belief, Defendants own the entirety of the working interests for the Plaintiffs' leases. They control the operations and marketing of oil and gas under the Plaintiffs' leases.

71. Lessee Defendants have superior knowledge as to the operations and costs associated with producing oil and gas under the Plaintiffs' leases, including having access to information that Plaintiffs cannot obtain. This information includes post-production costs, downstream sales values, and the netting out of such costs in order to arrive at wellhead prices underlying royalty payments.

72. Lessee Defendants have the ability to influence the cost of operations, including post-production costs, and the impact that these costs have on the royalties paid to lessor Plaintiffs.

73. Plaintiffs have reposed their confidence and trust in the skill and integrity of the lessee Defendants and have expected Defendants to advance Plaintiffs' economic interests in fair, adequate, and accurate royalties under the leases ahead of the lessees' own lease interests.

74. By deducting post-production costs against Plaintiffs' royalties and by structuring affiliated arrangements to lessen royalty payments, the lessee Defendants have failed to care for the Plaintiffs' confidence and trust.

75. Lessee Defendants have misrepresented information to Plaintiffs as to the calculations and reporting of royalty payments.

76. Lessee Defendants have provided monthly statements to Plaintiffs that purport to show details behind royalty payments.

77. Those monthly statements are incomplete and misleading. They fail to reveal information on post-production costs, downstream sales values, and the effect of such costs on the wellhead prices underlying royalty payments.

78. Defendant Gastar contracted with a third party, SEI Energy, LLC ("SEI"), for gas marketing including, but not limited to, the sale, distribution, and accounting of oil and natural gas for Gastar during its ownership of Plaintiffs' leases.

79. SEI had an agreement with Ohio Valley Midstream, LLC ("OVM") to provide gathering, transport, and processing services for processing the raw product obtained by Gastar under the Plaintiff leases.

80. Costs for gas marketing services by SEI and gathering, transport, processing services by OVM were deducted prior to determining the gross values to be reflected on Plaintiffs' royalty statements.

81. Plaintiffs' royalty statements show blanks in the columns for "Gross Deducts," "DED Code," and "Deductions," as well as showing "Owner Gross Value" and "Owner Net Value" as identical.

82. In fact, costs for SEI's gas marketing and OVM's gas processing were deducted before establishing the "Owner Gross Value."

83. Without knowledge of the SEI marketing arrangements and access to the internal marketing statements exchanged among OVM, SEI, and Gastar, Plaintiffs were unaware of and unable to determine the actual gross price for each oil and gas product sold pursuant to their leases. Plaintiffs were unable to determine which costs were absorbed into the "Owner Gross Value" on their royalty statements, as deductions or otherwise.

84. Defendants have also improperly deducted de-ethanization costs from Plaintiffs' royalties without sufficient proof that such costs were actual or reasonable. Such deductions are a breach of the leases.

85. Upon information and belief, the contractual arrangement between Gastar, SEI, and OVM allowed for the deduction of a de-ethanization fee that, in some months, resulted in a loss on the sale of ethane. That loss was then netted against the prices of other liquids sold under the leases at a profit, resulting in lower royalty payments to Plaintiffs.

86. Upon information and belief, the ethane could have remained in the regular gas stream, which would have resulted in higher royalty payments to Plaintiffs.

87. Plaintiffs have sustained and are continuing to sustain pecuniary loss because Defendants have deducted and continue to deduct from Plaintiffs' royalties amounts that were not permitted by the leases.

88. Defendants knew or should have known of the incomplete and misleading nature of the monthly statements and, on information and belief, intended to conceal from Plaintiffs the full and complete information surrounding the royalty calculations.

89. Plaintiffs justifiably relied on the monthly statements to their detriment; as a result they failed to learn of the post-production costs lessening their royalties and to take action to eliminate those costs.

COUNT I

Breach of Contract
Breaches of Express Provisions and Implied Covenants
Including the Reasonable and Prudent Operator Standard

90. Plaintiffs incorporate the preceding paragraphs of this Complaint as though fully stated here.

91. Defendants have deducted and continue to deduct from Plaintiffs' royalties amounts that were not permitted by the leases.

92. Plaintiffs have sustained and continue to sustain pecuniary loss because Defendants have deducted and continue to deduct amounts in breach of the leases.

93. Under the leases and related agreements, Plaintiffs have performed, or have substantially performed, any and all necessary conditions precedent, dependent obligations and/or dependent covenants that they owe to Defendants; Plaintiffs, accordingly, are entitled and have been entitled to Defendants' performance of express contractual obligations and implied covenant obligations.

94. Defendants have materially breached their contractual obligations to Plaintiffs, including express contract provisions and implied covenants, including the implied covenant of good faith and fair dealing, as follows:

a. Failing to disclose information about the gathering, selling, and processing of oil, natural gas, and associated liquids produced under the leases;

b. Failing to pay royalties on oil, natural gas, and associated liquids on appropriate prices, on true proceeds bases, and/or on the best prices reasonably attainable;

c. Failing to pay royalties on oil, natural gas, and associated liquids in a manner consistent with the leases, and/or in a manner consistent with the reasonably prudent operator standard;

d. Failing to pay royalties on oil, natural gas, and associated liquids in a manner consistent with market value;

e. Failing to pay royalties on oil, natural gas, and associated liquids at appropriate volumes; and

f. Improperly deducting certain oil or gas volumes, production costs, de-ethanization and post-production costs from the royalties to which Plaintiffs have been entitled, including the taking of any deductions whatsoever or, alternatively, the taking of deductions not incurred by Defendants and/or unreasonable deductions.

95. Such breaches of contractual obligations, singularly and/or in any combination thereof, have caused financial injuries to Plaintiffs and/or benefits to Defendants, for which Plaintiffs now seek all expectation-interest damages, consequential and incidental damages, lost profits, out-of-pocket losses, and future damages.

96. Damages alone will not compensate Plaintiffs for their losses of an accounting and of royalties consistent with the leases; Plaintiffs have strictly complied with the terms of the leases and/or have not committed a material breach thereof; and Plaintiffs come to the Court with clean hands. Plaintiffs, therefore, seek injunctive relief for future gas royalties determined by appropriate pricing and on appropriate gas volumes and substances; for periodic accountings of Defendants' production and sales of natural gas and of liquids; and for royalties

on adequate gas proceeds, volumes and substances, at appropriate prices, and without deductions for certain production costs and post-production costs.

97. Plaintiffs further plead for any other relief, at law or in equity, to which the leases, West Virginia contract law, or West Virginia law on implied covenants entitle them.

COUNT II

Declaratory Judgment

98. Plaintiffs incorporate the preceding paragraphs of this Complaint as though fully stated here.

99. Plaintiffs will incur additional damages into the future unless Defendants are compelled to cease making illegal deductions from Plaintiffs' royalties.

100. Plaintiffs demand a declaratory judgment that Defendants shall cease making deductions of post-production costs not specifically identified in the leases.

101. Plaintiffs demand a declaratory judgment that Defendants shall cease making deductions of post-production costs where the leases did not indicate the method of calculating the amounts to be deducted.

102. In the alternative, Plaintiffs demand a declaratory judgment that Defendants shall cease making deductions of post-production costs unless and until Defendants prove that they actually incurred such deductions and that the same were reasonable.

103. Plaintiffs whose leases contain arbitration provisions demand a declaratory judgment that such provisions are unenforceable because (a) they are procedurally and substantively unconscionable; (b) Defendants had superior leverage in the leasing transactions and superior knowledge about the lease terms; (c) Plaintiffs did not have any meaningful opportunity to bargain over the arbitration provisions; (d) many Plaintiffs know nothing about the arbitration clauses or even what arbitration is; (e) there was no meeting of the minds about the arbitration clauses; and (f) there was no consideration for the arbitration clauses.

COUNT III

Accounting

104. Plaintiffs incorporate the preceding paragraphs of this Complaint as though fully stated here.

105. As lessees and operators of the wells on the leasehold properties, Defendants are in control of and in the best position to know all the relevant facts as to the production of oil and gas, post-production costs, sale prices and royalty calculations.

106. Under West Virginia law, Defendants have a duty to keep records and accounts, as well as to render an account to Plaintiffs of the output of the wells and the calculation of the royalties paid, because these facts are peculiarly within Defendants' knowledge.

107. Defendants were negligent in their failure to properly document and manage costs and deductions, as well as prevent the charge of improper post-production costs, pursuant to their duty of accounting and allowed improper costs to be deducted from Plaintiffs' royalties due under the leases.

108. Plaintiffs demand an accounting for all deductions from the royalties paid under the leases.

109. Plaintiffs are entitled to an award for those charges against Plaintiff's interests that were allowed due to the failure of the Defendants to keep records and accounts and to properly account to the Plaintiffs as to the output of the wells and resulting royalty calculations paid.

110. As a direct and proximate result of the breach of duty as discussed herein and the failure of the Defendant to conduct the necessary accountings, the Plaintiffs suffered damages and are entitled to recover.

COUNT IV

Breach of Fiduciary Duty

111. Plaintiffs incorporate the preceding paragraphs of this Complaint as though fully stated here.

112. Plaintiffs have placed their confidence and trust in the skill and integrity of lessee Defendants, which control lease operations and royalty calculations. Plaintiffs expected these Defendants, by virtue of their superior knowledge and economic power in the lease relationships, to advance Plaintiffs' interests in receiving accurate and fair royalties, such as royalties without post-production costs and based on competitive downstream sales prices.

113. Defendants have failed to care for and attend to the confidence and trust that Plaintiffs have placed in them.

114. Such breaches of fiduciary duties, singularly and/or in any combination thereof, have caused financial injuries to Plaintiffs and/or benefits to Defendants, for which Plaintiffs now seek all compensatory damages, consequential and incidental damages, lost profits, out-of-pocket losses, and future damages.

COUNT V

Fraud and Fraudulent Concealment

115. Plaintiffs incorporate the preceding paragraphs of this Complaint as though fully stated here.

116. Defendants have misrepresented material facts concerning Plaintiffs' royalties via affirmative representations (*e.g.*, monthly royalty-reporting statements) and via omissions (*i.e.*, failing to disclose post-production costs and their effects on royalty calculations).

117. Defendants knew or should have known of the misleading and false nature of such misrepresentations.

118. Plaintiffs relied upon the misrepresentations to their detriment and were justified in doing so.

119. Plaintiffs suffered damages, including royalty under-payments, by virtue of such reliance.

120. Such fraudulent conduct by Defendants, singularly and/or in any combination thereof, has caused financial injuries to Plaintiffs and/or benefits to Defendants, for which Plaintiffs now seek all compensatory damages, consequential and incidental damages, lost profits, out-of-pocket losses, and future damages.

COUNT VI

Punitive Damages

121. Plaintiffs incorporate the preceding paragraphs of this Complaint as though fully stated here.

122. Upon information and belief, Defendants made impermissible deductions from Plaintiffs' royalties knowingly, intentionally, deceptively and in bad faith, entitling Plaintiffs to punitive damages in an amount to be determined by the Court or jury.

123. Upon information and belief, Defendants engaged in fraudulent conduct in the accounting of Plaintiffs' royalties and the reporting thereon, entitling Plaintiffs to punitive damages in an amount to be determined by the Court or jury.

124. Upon information and belief, Defendants engaged in fraudulent conduct in the accounting and reporting of Plaintiffs' royalties, entitling Plaintiffs to punitive damages in an amount to be determined by the Court or jury.

125. Upon information and belief, Defendants have failed to fulfill their fiduciary duties to Plaintiffs in the accounting and reporting of Plaintiffs' royalties, entitling Plaintiffs to punitive damages in an amount to be determined by the Court or jury.

COUNT VII

Pre-Judgment And Post-Judgment Interest

126. Plaintiffs incorporate the preceding paragraphs of this Complaint as though fully stated here.

127. Plaintiffs plead for recovery of full pre-judgment and post-judgment interest on monetary awards reduced to judgment in this case, as allowed by Sections 56-6-27, -29 and -31 of the West Virginia Code, the common law, and principles of equity, including but not limited to pre-judgment interest on special damages.

COUNT VIII

Request For Jury Trial

128. Plaintiffs incorporate the preceding paragraphs of this Complaint as though fully stated here.

129. Plaintiffs plead for a jury trial on all issues in this Complaint or in any responsive pleading that are triable by jury.

COUNT IX

Request For Attorneys' Fees

130. Plaintiffs incorporate the preceding paragraphs of this Complaint as though fully stated here.

131. Plaintiffs have placed their confidence and trust in the skill and integrity of lessee Defendants, which wholly control lease operations and royalty calculations. For Plaintiffs to be made whole they had to retain counsel and pay attorneys' fees.

132. To make Plaintiffs whole under the principles of equity, common law, and general doctrines of fairness, Plaintiffs are entitled to attorneys' fees.

WHEREFORE, Plaintiffs demand judgment in their favor for:

A. Compensatory, incidental and punitive damages in an amount to be determined by the finder of fact, together with additional amounts for costs, damages for annoyance and inconvenience, pre-judgment interest, post-judgment interest, and attorneys' fees;

B. Declaratory relief to prohibit Defendants from making deductions not permitted by the leases;

C. Declaratory relief to prohibit Defendants from enforcing arbitration provisions of the leases;

D. Equitable relief to provide Plaintiffs with a full accounting of Defendants' deductions from and computation of royalties under the leases; and

E. Such other and further relief as this Court deems just and proper.

Respectfully submitted,

Plaintiffs, by Counsel

BAILEY & WYANT, PLLC

By: _____

Mark A. Kepple, Esquire
mkepple@baileywyant.com
WV Id. No. 7470
1219 Chapline Street
Wheeling, WV 26003
(304) 233-3100
(304) 233-0201 (facsimile)

Pending *pro hac vice* application
TUCKER ARENSBERG, P.C.

By: Brad S. Tupi by MAK

Bradley S. Tupi, Esquire
btupi@tuckerlaw.com
Pa. Id. No. 28682
Jeremy V. Farrell, Esquire
jfarrell@tuckerlaw.com
Pa. Id. No. 316258
Rebecca E. Alcorn, Esquire
ralcorn@tuckerlaw.com
Pa. Id. No.313889
1500 One PPG Place
Pittsburgh, PA 15222
(412) 566-1212
(412) 594-5619 (Facsimile)

and

Pending *pro hac vice* application
HOLMES PLLC

By: James Holmes by MAK
James Holmes, Esquire
holmes@holmeslawpllc.com
Andrea Seldowitz, Esquire
seldowitz@holmeslawpllc.com
900 Jackson Street
Suite 260
Dallas, Texas 75202
(214) 520-8292

Plaintiff	Lease Book / Page	Lessor	Lessee	Parcel Number	Acreage in Tract Leased
Ronald Goddard	690/611	Ronald Goddard	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Ronald W. Goddard	695/223	Ronald W. Goddard	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Francis R. Goddard	689/175	Francis R. Goddard	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Wayne Goddard	690/610	Wayne Goddard	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Janet Bullis	694/473	Clifford Goddard	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Paulette Parker	695/368	Paulette F. Parker	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Judy Prock	722/339	Judy Prock	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Bruce Goddard, Sr.	732/489	Bruce Goddard, Sr.	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Sarah Lynn Moxley	694/473	Clifford Goddard	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Susan Gordon	696/613	Linda Lee Cox	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Kenneth Alan Goddard	696/611	Kenneth Alan Goddard	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Harry C. Crone	696/607	Harry C. Crone	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Jerry J. Crone	696/621	Jerry J. Crone	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Donald P. Crone	698/216	Donald P. Crone	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Richard P. Crone	696/596	Richard P. Crone	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Susan Goddard Martin	694/473	Clifford Goddard	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Paul D. Crone	698/234	Paul D. Crone	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Phyllis Welcher	698/234	Paul D. Crone	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Bobby D. Crone	698/232	Bobby D. Crone	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Wanda Sue Sayers	695/531	Wanda Sue Sayers	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Woodrow Bailey	695/366	Martha L. Bailey	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Karen L. Campbell	698/609	Karen L. Campbell	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Arthur Shelton Goddard	694/473	Clifford Goddard	Chesapeake Appalachia, L.L.C.	25-05-17-0008.00	264 ac
Lloyd Richard Oliver	666/49	Lloyd Richard Oliver and Deanna Oliver, his wife	TriEnergy, Inc.	25-05-17-0009.00	61.6 ac
Michael L. West	702/115	Michael L. West	TriEnergy Holdings, LLC	25-05-18-0019.00	10 ac
Sharon Midcap	699/220	Sharon Midcap	Gastar Exploration USA, Inc.	25-05-17-0011.00 25-05-17-0011.01	120 ac 67 ac

EXHIBIT
A

	662/491	Charles H. Bassett Jr., et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/481	Wilber E. Ewing, et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/551	Lois V. Yoho	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	698/625	Glenna Anderson, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/627	Wendell Rine, et ux	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/629	Gary E. Rine	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/631	Archie Wayne Whipkey	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/633	Gloria Suarez (Terrill)	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/635	Rose Daugherty, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/637	Lois M. Myers	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	665/366	Richard Paul Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
PennMarc Resources, II, LP	665/369	Sammy Edwards Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	662/491	Charles H. Bassett Jr., et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/481	Wilber E. Ewing, et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/551	Lois V. Yoho	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	698/625	Glenna Anderson, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/627	Wendell Rine, et ux	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/629	Gary E. Rine	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/631	Archie Wayne Whipkey	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/633	Gloria Suarez (Terrill)	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/635	Rose Daugherty, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/637	Lois M. Myers	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
Appalachian Basin Minerals, LP	665/366	Richard Paul Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	665/369	Sammy Edwards Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	662/491	Charles H. Bassett Jr., et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/481	Wilber E. Ewing, et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/551	Lois V. Yoho	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	698/625	Glenna Anderson, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/627	Wendell Rine, et ux	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/629	Gary E. Rine	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/631	Archie Wayne Whipkey	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/633	Gloria Suarez (Terrill)	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/635	Rose Daugherty, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/637	Lois M. Myers	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
McCrow Energy Partners II, LLC	665/366	Richard Paul Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	665/369	Sammy Edwards Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac

	662/491	Charles H. Bassett Jr., et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/481	Wilber E. Ewing, et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/551	Lois V. Yoho	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	698/625	Glenna Anderson, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/627	Wendell Rine, et ux	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/629	Gary E. Rine	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/631	Archie Wayne Whipkey	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/633	Gloria Suarez (Terrill)	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/635	Rose Daugherty, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/637	Lois M. Myers	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	665/366	Richard Paul Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
Wildes Mineral Interests, LLC	665/369	Sammy Edwards Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	662/491	Charles H. Bassett Jr., et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/481	Wilber E. Ewing, et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/551	Lois V. Yoho	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	698/625	Glenna Anderson, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/627	Wendell Rine, et ux	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/629	Gary E. Rine	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/631	Archie Wayne Whipkey	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/633	Gloria Suarez (Terrill)	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/635	Rose Daugherty, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/637	Lois M. Myers	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
Marcellus Tx Mineral	665/366	Richard Paul Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
Partners, Ltd.	665/369	Sammy Edwards Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	662/491	Charles H. Bassett Jr., et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/481	Wilber E. Ewing, et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/551	Lois V. Yoho	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	698/625	Glenna Anderson, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/627	Wendell Rine, et ux	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/629	Gary E. Rine	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/631	Archie Wayne Whipkey	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/633	Gloria Suarez (Terrill)	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/635	Rose Daugherty, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/637	Lois M. Myers	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	665/366	Richard Paul Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
Prairie Mineral Interests, LLC	665/369	Sammy Edwards Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac

Purpleburgh Ventures, LLC	662/491	Charles H. Bassett Jr., et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/481	Wilber E. Ewing, et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/551	Lois V. Yoho	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	698/625	Glenna Anderson, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/627	Wendell Rine, et ux	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/629	Gary E. Rine	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/631	Archie Wayne Whipkey	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/633	Gloria Suarez (Terrill)	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/635	Rose Daugherty, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/637	Lois M. Myers	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	665/366	Richard Paul Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	665/369	Sammy Edwards Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
JMK Irrevocable Trust dated April 4, 2005, and Amended on July 2, 2013	662/491	Charles H. Bassett Jr., et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/481	Wilber E. Ewing, et ux	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	665/551	Lois V. Yoho	Gastar Exploration USA, Inc.	25-05-18-0023.00	110.00 ac
	698/625	Glenna Anderson, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/627	Wendell Rine, et ux	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
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	698/635	Rose Daugherty, et vir	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	698/637	Lois M. Myers	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	665/366	Richard Paul Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
	665/369	Sammy Edwards Whitlatch	Gastar Exploration USA, Inc.	25-05-19-0021.00	116.45 ac
Venable Royalty Ltd Venro, Ltd.	665/554	LaMoyne Baker	Gastar Exploration USA, Inc.	25-05-12-0004.00	136.810 ac
	666/51	Reva Franze	Gastar Exploration USA, Inc.	25-05-14-0013.00	222.18 ac
	665/384	Howard N. Wayne, Sr., et ux	Gastar Exploration USA, Inc.	25-05-23-0002.00	77.636 ac
				25-05-18-0022.00	31.0 ac

EXHIBIT B

WV-Paid-Up, Pooling
(Producers 88 Revised-GB 10/07)

GASTAR EXPLORATION USA INC
1331 LAMAR ST SUITE 10
HOUSTON, TX 77010-3110

BOOK 665 PAGE 491

OIL AND GAS LEASE

This Oil and Gas Lease (the "Lease") is dated December 5, 2007 (the "Effective Date"). The parties to this Lease are Charles H. Bassett, Jr.and wife Ruby D. Bassett, as Lessor (whether one or more), whose address is 16 Pecan Drive, Long Beach, MS 39560, and Gastar Exploration USA, Inc. as Lessee, whose address is 1331 Lamar Street, Suite 1080, Houston, TX 77010.

1. Lease Description. In consideration of Ten Dollars ($10.00) paid by Lessee, and other good and valuable considerations, the receipt and sufficiency of which are acknowledged, and for the covenants contained in this Lease, Lessor grants, leases, and lets exclusively to Lessee the following described land (the "Land") in the District of Franklin, Marshall County, West Virginia, Map 18, Parcel 23 and bound substantially by lands now or formerly owned as follows:

On the North by: Lloyd Arnold and Gerald Rutan
On the East by: H.G. Slaughter
On the South by: Francis Hall
On the West by: Kenneth Emery and Paul Wiley;

And being the same land described in that certain Deed dated January 25, 1995, by and between Greenville Timber Corporation, and Blaine B. Channing, Wayne B. Channing, James A. Channing and Derald L. Channing and recorded in Book/Volume 582, page of 48, of the Deed Records of Marshall County, West Virginia.

The Land is estimated to comprise 110.00 acres, whether the tract or tracts contain more or less, which acreage figure may be relied on by Lessee in determining the amount of rentals or other payments provided for in this Lease. In addition to the Land described above, this Lease also covers all accretions and any strips or parcels of land now or later owned by Lessor which are contiguous or adjacent to the Land, including any interest in the Land which Lessor may later acquire by reversion, prescription, or otherwise, together with all oil, gas, and their constituents underlying lakes, rivers, streams, roads, easements, and rights of way which traverse or adjoin any of the Land. All of the Land and rights of Lessor that are covered by and the subject of this Lease may be referred to as the "lease premises."

2. Term of Lease. This Lease shall be in force for a primary term of 5 years from the Effective Date, and as long thereafter as oil or gas or other substances covered by this Lease are produced in paying quantities from the lease premises or from lands pooled with the lease premises, or this Lease is maintained in force pursuant to any of its other provisions.

3. Lease Rights Granted. Lessee shall have and is granted by Lessor, during the term of this Lease, the exclusive right to enter on the Land to conduct geological, geophysical and seismic surveys and explorations, and to operate for, produce and save oil, gas (the term "gas" as used herein includes but is not limited to, helium, carbon dioxide, and all other commercial gas, as well as all hydrocarbon gases such as natural gas, methane gas, casinghead gas, hydrogen sulfide gas, coalbed methane gas, gob gas, and all natural gas originating, produced, or emitted from coal formations or seams, and any related, associated, or adjacent rock material), liquid hydrocarbons, all gases, and the respective constituents thereof, produced in connection with oil and gas; together with the right to drill wells, recondition producing wells and re-drill and use abandoned well on the Land for all those purposes; together with rights-of-way and servitudes on, over, and through the Land for roads, pipelines, telephone, electric power lines, structures, plants, drips, tanks, stations, structures for machinery, gates, meters, regulators, tools, appliances, materials and other equipment that may be used in exploring for and producing oil, gas, and sulfur storage of gas and liquids, and all other rights and privileges necessary, incident to and convenient for the operation of the Land for production and transportation of oil, gas, and liquid hydrocarbons, and the injection of gas, air, water, or other fluids for the enhanced recovery and production of oil, gas, and sulfur; together with the right to use oil, gas, and water from the Land free of cost to Lessee for all such purposes, except water from Lessor's wells or ponds; to remove, either during or after the term of this Lease, any and all property and improvements placed or located on the Land by Lessee, including the right to draw and remove casing; together with the right of ingress, egress, and regress on, over, and through the Land for any of the purposes of this Lease.

4. Delay Rental Payments: This is a Paid-Up Lease and Lessor hereby acknowledges that all delay rental payments due and payable during the primary term of the lease have been paid-up in full in advance.

5. Royalty Payments: The royalties reserved by Lessor, and which shall be paid by Lessee, are: (a) on oil (including but not limited to distillate and condensate) One-eighth (1/8) of that produced and saved from the lease premises, the same to be delivered at the wells or to the credit of Lessor in the pipeline to which the wells may be connected, provided; however, Lessee, at its option, may from time to time purchase the royalty oil, paying not less than the price prevailing in the pricing area for oil of like grade and gravity at the time of delivery; (b) on gas, including casinghead gas and all other gaseous or vaporous substances, produced from the Land and sold or used off the lease premises or in the manufacture of gasoline or in the extraction of sulphur or any other product, the market value at the wells of One-eighth (1/8) of the gas sold or used, with the market value at the wells in no event to exceed the net proceeds received by Lessee calculated or allocated back to the wells from which produced, making allowance and deduction for a fair and reasonable charge for gathering, compressing, and making the gas merchantable, provided, that on gas sold at the wells, the royalty shall be One-eighth (1/8) of the net proceeds received by Lessee from the sale, all allowances and deductions, and provided further that, if any sale of gas is regulated as to price by any governmental agency having the jurisdiction, the market value or net proceeds shall in no event exceed the amount received by Lessee, not subject to refund, calculated, or allocated back to the wells from which produced, making allowance and deduction for a fair and reasonable charge for gathering, compressing, and making the gas merchantable, and which amount may be further adjusted up or down prospectively or retrospectively when the price or rate authorized by the governmental agency is finally determined; (c) on sulphur extracted and marketed, One Dollar ($1.00) per long ton. Lessor agrees to pay any and all taxes levied or assessed on the Lessor's interest in the production of oil, gas, and sulphur from the lease premises and Lessee is authorized to pay the taxes and assessments on behalf of Lessor and to deduct the amount so paid from any monies payable to Lessor. In the event any extraneous substance (being any substance that is obtained from sources other than the lease premises or lands pooled or unitized with the lease premises) is injected into subsurface strata in connection with secondary, tertiary, or other enhanced recovery operations, any like substance thereafter produced, or contained in oil or gas produced from the strata shall be deemed to be part of the extraneous substance injected until the total volume equals the total volume of the extraneous substance injected, and no royalty shall be payable on any extraneous substance. Lessee shall not be obligated to make payment to any individual payee or agent hereunder until such payment equal the sum of Twenty Five and no/100 Dollars ($25.00), but in any case, payment shall be made at least once each calendar year.

6. Shut-In Royalty: During any period (whether before or after expiration of the primary term) where there is a gas well on the lease premises or on a unit that includes all or a part of the lease premises, however designated, capable of producing gas and gas is not being sold or used on or off the lease premises and the well or wells are shut-in and there is no current production of oil or operations on any part of the lease premises sufficient to keep this Lease in force, Lessee shall be obligated to pay or tender as shut-in royalty an amount (which shall be the same and shall be paid regardless of the number of shut-in wells and regardless of whether the shut-in well or wells be located on the lease premises or on other acreage included in a unit) for each twelve (12) month period equal to five dollars ($ 5.00) per acre and it will be considered that gas is produced, for all purposes of this Lease the period that a well or wells are shut-in. The shut-in royalty payment for the first twelve (12) month period shall be payable within ninety (90) days following shutting-in of the well, and payment for each subsequent twelve (12) month period shall be payable on or before the anniversary date of the ninety (90) day period from the shut-in date of the well. The amount of each shut-in royalty payment may be paid by check and the payments may be commenced and continued either during or beyond the primary term. Lessee's failure to properly pay shut-in royalty payments shall render the Lessee liable for the amount due but shall not operate to terminate this Lease. Lessee shall use reasonable diligence to market gas capable of being produced from a shut-in well or wells, but shall be under no obligation to market gas under terms, conditions, or circumstances, which, in Lessee's judgment, exercised in good faith, are unsatisfactory.

7. Pooling. Lessee is given and granted the right, at its option, at any time and from time to time, within the primary term or at any time during which this Lease may be extended by any of its provision, to pool, unitize, and reform, enlarge and/or reduce a unit or pool, and re-pool all or any part or parts of the lease premises or rights, depths, strata, or formations, with any other land in the vicinity of the Lease, or with any leasehold, operating, or other rights or interests in other land to create units of such size and surface acreage as Lessee may desire but containing not more than eighty (80) acres for an oil well and not more than six hundred forty (640) acres for a gas well plus, in each case, a ten percent (10%) acreage tolerance. If at any time larger units are specified or permitted under any then applicable law, rule, regulation, or order of any governmental authority for the drilling, completion or operation of a well, or for obtaining maximum allowable, any unit may be established or enlarged to conform to the size authorized or permitted. Each unit or reformation of a unit may be created by governmental authority or by recording in the appropriate county office a declaration containing a description of the pooled or unitized acreage. Any well which is commenced, or is drilled, or is on any part of any lands which have been or later pooled with the lease premises shall, except for the payment of royalties, be considered a well commenced, drilled, and producing on the lease premises subject to this Lease. There shall be allocated to the portion of the lease premises included in any unit, pooling or re-pooling the proportion of the actual production from all lands unitized, pooled or re-pooled as the portion of lease premises, computed on an acreage basis, bears to the entire acreage of the lands unitized, pooled or re-pooled. The production so allocated shall be considered for the purpose of payment or delivery of royalty to be the entire production from the portion of the lease premises included in the unit, pooling or re-pooling in the same manner as though produced from the portion of the lease premises under the terms of this Lease. A unit established by the terms of this Lease shall be valid and effective for all purposes of this Lease even though there may be land, oil, and gas rights, royalty, and/or leasehold interests in land within the unit which are not pooled or unitized, or even though there may be a failure of the leasehold title (in whole or in part) to any tract or interest included in a pooled unit.

8. Warranty and Lesser Interest. Lessor warrants and agrees to defend the title to the Land, covenants that Lessee will have quiet enjoyment under this Lease, covenants that Lessee shall have the benefit of the doctrine of after-acquired title, and covenants that Lessee, at its option, may discharge any tax, mortgage, or other lien on the Land in the event of default in payment by Lessor, and be subrogated to the rights of the holder of a mortgage or lien with the right to enforce same and apply royalties and payments accruing under this Lease toward satisfying same. Lessor further warrants that the leased premises are not subject to any valid prior oil and gas leases. Without impairment of Lessee's rights under this warranty in event of failure of title, it is agreed that if Lessor owns an interest in the Land less than the entire oil and gas estate covered by this Lease, then the rentals and royalties to be paid Lessor shall be reduced proportionately.

9. Notices. Failure to pay or an error in paying any rental or other payment due Lessor shall not constitute a ground for forfeiture of this Lease and shall not affect Lessee's obligation to make a payment, but Lessee shall not be considered in default on account of a failure or error until Lessor has first given Lessee written notice of the non-payment and Lessee shall have failed for a period of thirty (30) days after receipt of the notice to make the payment.

10. Ownership Changes. The rights of Lessor or Lessee may be assigned or transferred in whole or in part, but no change or division in ownership of the lease premises, shut-in rentals, storage rentals, or royalties, or in the status of Lessor or Lessee, however accomplished, shall operate to enlarge the obligations or diminish the rights of Lessee. No change in ownership or status of Lessor shall be binding on Lessee until thirty (30) days after Lessee shall have been furnished by U.S. mail, at Lessee's principal place of business, with a certified copy of the recorded instrument or instruments satisfactory to the Lessee, evidencing the change in ownership. In the event of the death of any person entitled to any payment provided for in this Lease, Lessee may pay or tender the same to the credit of the deceased or to the estate of the deceased until the time Lessee is furnished with proper evidence of the appointment and qualification of an executor or administrator of the estate or, if there be none, evidence satisfactory to Lessee as to the heirs or devisees of the deceased and that all debts of the estate have been paid. If at any time two or more parties are entitled to or adversely claim all or any part of any sums payable under the terms of this Lease, Lessee may pay or tender the sums either jointly to the parties or separately to each in accordance with their respective ownership. If six or more parties become entitled to royalty, Lessee may withhold payment unless and until furnished with a recordable instrument executed by all parties designating an agent to receive payment for all. In the event of assignments of this Lease as to a segregated portion of the lease premises, shut-in rentals, and storage rentals payable under the terms of this Lease shall be apportionable between the several leasehold owners ratably according to the surface area of each, and the failure to pay shut-in rentals or storage rentals on a segregated portion of the lease premises shall not affect the rights of the party holding any other segregated portion. In the event of assignment, in whole or in part, liability for breach of any obligation of this Lease shall rest exclusively on the owner of this Lease or of a portion of the Lease who commits the breach.

11. Release of Lease. Lessee, at any time, and from time to time, may surrender this Lease as to all or any part or parts of the lease premises by tendering an appropriate instrument of surrender to the Lessor or filing for record a release or releases of this Lease as to any part or all of the Land, and then this Lease and the rights and obligations of the parties shall terminate as to the part or parts so surrendered. On each surrender as to any part or parts of the lease premises all payments specified in this Lease shall be proportionately reduced on an acreage basis, and Lessee shall maintain the rights to the surrendered portion as may be appropriate to its enjoyment of the portion not surrendered. Lessee shall have the right at any time during or after the expiration of this Lease to remove all machinery, equipment, fixtures, buildings, or other structures placed on the lease premises by Lessee, including the right to pull and remove all casing. If this Lease is ever terminated, forfeited, or expires, the Lessee (or Lessee's successors or assigns) shall execute a release or other form of document terminating or releasing the Lease, and file it of record in the county or counties where the lease premises are located. If the Lessee or Lessee's successor or assigns fail to release or cancel the Lease, on its forfeiture, termination, or expiration, the then current owner of the Land may compel a cancellation of the Lease pursuant to any applicable or operable law or statute, in effect, in the state in which the Land is located.

12. Adverse Claims. In case of notice of or an adverse claim to the lease premises, affecting all or any part of the shut-in rentals, storage rentals or royalties, Lessee may withhold payment or delivery of the same until the ownership is determined by compromise, or by final decree of a court of competent jurisdiction, and to this end Lessee may file a petition for Interpleader.

13. Surface Use. No well shall be drilled nearer than two hundred (200) feet of any house or barn now on the leased premises without the written consent of Lessor. Lessee shall pay for actual damages to growing crops and fences caused by its operations on the leased premises. When requested by Lessor owning an interest in the surface, prior to the laying of any pipeline, Lessee shall bury pipeline below plow depth on cultivated lands.

14. Storage. Lessee shall have the exclusive right to use any stratum or strata underlying the lease premises for the storage of gas or liquids and may, for such purpose, reopen and restore to operation any and all abandoned wells on the lease premises and may drill new wells for the purpose of injecting and storing gas or liquids in a stratum or strata and withdrawing the gas or liquids. If Lessee intends to use the premises for such purpose, or determines that it is using the premises, Lessee may deliver to Lessor or have recorded in the county or counties in which this Lease is recorded a declaration that the premises are being used, or from a specified date will be used, for gas or liquid storage, and thereafter Lessee shall have the exclusive right to use the premises for gas or liquid storage until the time as Lessee delivers to Lessor or have recorded in the county or counties a surrender of the right granted to Lessee by this section of the Lease or until Lessee shall intentionally abandon the right to use the premises for storage. During the period or periods that Lessee utilizes the lease premises for the storage of gas or liquids, the royalties provided in this Lease to be paid to Lessor shall accrue and become payable only on the gas and liquids that are taken from the lease premises by Lessee over and above the amount which Lessee stores or has stored in the stratum or strata. For and during the period or periods that Lessee uses the lease premises for storage, Lessee shall pay Lessor a minimum rental of Five Dollars ($5.00) per acre per year on the number of acres covered by this Lease, this payment to be made not later than sixty (60) days from and after the end of each twelve (12) month period during which the lease premises are utilized for storage. Lessee is expressly granted the right to use so much of the surface of the premises as is reasonably necessary in the exercise of the rights granted to Lessee by this section. The rights granted to Lessee by this section shall continue in force for the period of time specified, but this Lease, insofar as it grants to Lessee the right to prospect and explore for, and produce oil and gas from stratum or strata other than those employed in storage, shall not be continued in force solely by the storage of gas or liquids as provided in this section.

15. Regulations and Delays. Lessee's obligations under this Lease, whether express or implied, shall be subject to all applicable laws, rules, regulations, and orders of any governmental authority having jurisdiction, including restrictions on the drilling and production of wells, and the price of oil, gas, and other substances. When drilling, reworking, production or other operations are prevented or delayed by any laws, rules, regulations or orders, or by the inability to obtain necessary permits, equipment, services, material, water, electricity, fuel, access or easements, or by fire, flood, adverse weather conditions, war, sabotage, rebellion, insurrection, riot, strike, or labor disputes, or by inability to obtain a satisfactory market for production or failure of purchasers or carriers to take or transport production, or by any other cause not reasonably within Lessee's control, this Lease shall not terminate because of the prevention or delay, and shall be maintained in force and effect for so long as the prevention or delay continues, and for ninety (90) days thereafter, or so long as this Lease is maintained in force by some other provisions, whichever is the later date. Lessee shall not be liable for the breach of any express or implied covenants of this Lease when drilling, production, or other operations are so prevented, delayed, or interrupted.

16. Breach or Default. In the event Lessor considers that Lessee has not complied with the express or implied obligations of this Lease, Lessor shall notify Lessee in writing of the facts relied on as constituting a breach of the obligations. Lessee shall then have sixty (60) days after receipt of that notice within which to meet or commence to meet all or any part of the breaches alleged by Lessor. The service of the notice shall be precedent to the bringing of any action by Lessor for any cause, and no action shall be brought until the lapse of sixty (60) days after service of the notice on Lessee. Neither the service of the notice nor the doing of any acts by Lessee aimed to meet all nor any of the alleged breaches shall be deemed an admission or presumption that Lessee has failed to perform all of Lessee's obligations. However, after production of oil or gas has been obtained from the Land or land pooled with all or part of the lease premises this Lease shall not be subject to forfeiture or loss, either in whole or part, for failure to comply with the express or implied obligations of this Lease except after final judicial ascertainment of the failure and after Lessee has been given a period of sixty (60) days after any final ascertainment to prevent a loss or forfeiture by complying with and discharging the obligations which the Lessee has been judicially determined to be in default.

17. Dower and Homestead. Lessor expressly relinquishes dower and releases and waives all rights under and by virtue of the homestead exemption laws of the state in which the lease premises are situated insofar as the same in any way affects the purposes for which this Lease is made.

18. Title Curative. Lessor agrees to execute affidavits, ratifications, amendments, and other instruments as may be necessary to carry out the purposes of this Lease.

19. Execution. Should any one or more of the parties named as Lessor fail to execute this Lease, it shall nevertheless be binding on the party or parties who execute it, and additional parties may execute this Lease as Lessor, and this Lease shall be binding on each party executing it notwithstanding that such party is not named as Lessor; and all of the provisions of this Lease shall inure to the benefit of and be binding on the parties and their respective heirs, legal representatives, successors, and assigns.

20. **Free Gas:** Lessor may lay a line to any producing well or storage well on the Leased Premises, but not to wells on lands unitized therewith, and take gas produced from said well for use for light and heat in one dwelling house on the Leased Premises at Lessor's own risk, subject to the use and right of shut-in, curtailment or abandonment of said well by Lessee. Lessor agrees to be bound by the rules and regulations of lessee relating to the use of free gas and agrees to execute a written acknowledgement of said agreement to abide by such rules and regulations. Lessee shall have the right at any time to interrupt the flow of gas suitable for domestic use. Lessee shall not be required to maintain flow of gas during any shut-in or curtailment. Lessor must furnish, pay for, install and maintain pipelines, connections, regulators and any other necessary equipment, except meters at Lessor's expense and maintain the same in good repair and free of all gas leaks and operate the same so as not to cause waste or leaks of gas. All such equipment from the well to the outside of the dwelling used by Lessor may be inspected and approved by the Lessee before any Lessee is required to provide any gas to Lessor. Any such inspection by the Lessee does not constitute any warranty or representation of suitability of equipment or proper installation by Lessee. That obligation shall be the exclusive obligation of the Lessor. Lessee merely reserves the right to inspect and observe that equipment has been installed. The first two hundred thousand cubic feet of gas taken in each year shall be free of cost, but all gas in excess of two hundred thousand cubic feet taken in each year shall be paid for at the price then being received by Lessee plus fifty cents per thousand cubic feet and measurement and regulation shall be by meters and regulators set at the tap on the line. If Lessor shall take excess gas in any year and fail to pay for the same, the Lessee may offset and deduct payment for such excess gas from any payments accruing to the Lessor hereunder. If payments accruing to Lessor hereunder is insufficient to cover the unpaid charges for gas used by Lessor, Lessee terminate gas service without liability to Lessor of any kind until thirty days after the unpaid charges are paid by the Lessor. In the event the Leased Premises are sub-divided or unitized, the dwelling house located on the same tract as the producing or storage well shall be entitled to the free gas privilege. In no event shall there be more than one Lessor or dwelling taking gas under this free gas provision from the Leased Premises. LESSOR IS HEREBY ADVISED AND UNDERSTANDS THAT THE USE OF GAS FROM A WELL MAY BE DANGEROUS AND THAT THE RISKS INCLUDE, BUT NOT LIMITED TO, THE RISK OF EXPLOSION, FIRE, ASPHYXIATION, PERSONAL INJURY, DEATH, LOSS OR DAMAGE TO HOME OR OTHER PROPERTY. LESSOR ACKNOWLEDGES THE RISKS INHERENT IN THE USE OF GAS FROM A WELL AND LESSOR AGREES TO ASSUME ALL SUCH RISK WHETHER SAID RISKS ARE CAUSED BY THE LESSOR'S LINES OR EQUIPMENT OR OPERATIONS OR CAUSED BY ANY SOURCE RELATED TO THE USE OF SUCH GAS BY LESSOR. Lessor shall hold the Lessee and its successors and assigns harmless from any claims arising out of the use of gas hereunder, except for those claims arising from the sole negligence of the Lessee. Should there be any change of ownership of the Leased Premises or any of Lessor's rights hereunder, any new owners who would be entitled to any (free) gas rights under this Lease shall be bound by the rules and regulations of the Lessee relating to (free) gas used and no such new owners shall be entitled to any to any such rights under this Free Gas Clause unless they first execute a written acknowledgment of and agreement to abide by Lessee's rules and regulations then in affect.

21. **Pipeline Option:** For and in consideration of Ten Dollars ($10.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, at the expiration or termination of this lease, Lessee shall be given the option to purchase pipeline right(s) of way for any existing pipelines laid under the terms of this lease for the price of $ 1.00 per linear foot. Lessee shall have one (1) year to exercise this option from, the later of, the expiration or termination of this lease or after receiving written notification from the Lessor stating that said lease has expired or been terminated and demanding that Lessee exercise the pipeline option or abandon its pipelines in place.

22. **Option to Extend Primary Term:** This lease may, at Lessee's option, be extended as to all or part of the lands covered hereby for an additional primary term of three (3) years commencing on the fifth anniversary date of this lease. Lessee may exercise its option by paying, or tendering, to Lessor, on or before the last day of the non extended primary term, an extension payment of $ 40.00 per net acre for the land then covered by the extended lease. Said extension payment is to be paid or tendered to the Lessor at the address above or at another address which has been provided to the Lessee or its assigns in writing by Lessor. If Lessee exercises this option, the primary term of this lease shall be considered to be continuous, commencing on the date of the lease and continuing from that date to the end of the extended primary term.

This Lease is executed by Lessor as of the date of the acknowledgment below, but shall be effective as of the Effective Date stated above.

Lessor

Charles H. Bassett Jr.
Charles H. Bassett, Jr.
SS# 236447523

Ruby D. Bassett
Ruby D. Bassett
SS# 427 72 7900

State of Mississippi
County of Harrison

The foregoing instrument was acknowledged before me this 13th day of December, 2007, by Charles H. Bassett Jr. & Ruby D. Bassett. dew

Sherry E. Whitsell
Notary Public in and for the State of MS
Printed Name: Sherry E. Whitsell
Serial Number, if any: _____ Commission Expires: My Commission Expires Feb 6, 2011

State of Mississippi
County of Harrison

The foregoing instrument was acknowledged before me this 13th day of December, 2007, by Ruby D. Bassett.

Sherry E. Whitsell
Notary Public in and for the State of MS
Printed Name: Sherry E. Whitsell
Serial Number, if any: _____ Commission Expires: My Commission Expires: Feb 6, 2011

This license was prepared by: Guy A. Buffey
Whose address is: 210 North Chestnut Street, Clarksburg, WV. 26301
After Recording Return to: Gastar Exploration USA, Inc.
Whose address is: 1331 Lamar Steet, Suite 1080, Houston, TX 77010

JAN PEST
MARSHALL County 08:47:20 AM
Instrument No 1248090
Date Recorded 01/14/2008
Document Type O&G
Book-Page 665-491
Rec/Preserve $5.00 $1.00

STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

I, JAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 5th day of December 2007 was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this 14th day of January 2008 at 8:47 o'clock AM.

Voided Copy
2017 Marshall County
BOOK 0695 PAGE 0368

Voided Copy
2017 Marshall County
1-288082-005

MEMORANDUM OF OIL AND GAS LEASE

WV-06/09

Voided Copy

This Memorandum of Oil and Gas Lease is made and entered into this 15th day of October, 2009 by and between **Paulette F. Parker, a married woman dealing in her sole and separate property**, whose address is **525 Wagon Wheel Circle, New Castle, CO 81647** (hereinafter called "Lessor"), and **Chesapeake Appalachia, L.L.C.**, an Oklahoma limited liability company, whose address 6100 N. Western Avenue; Oklahoma City, OK 73118 (hereinafter called "Lessee"). *a/k/a Paulette Fay Dancy

WITNESSETH

For and in consideration of the sum of One Dollar ($1.00) cash in hand paid, and other good and valuable consideration, Lessor did make and execute in favor of Lessee an Oil and Gas Lease dated October 15th, 2009, and made effective October 15th, 2009, which provides for a Seven (7) year primary term and an option to renew for an additional three (3) year term covering Lessor's interest in the following described lands:

Voided Copy

Tax Map No. 17-8

Voided Copy
2017 Marshall County

bounded formerly or currently as follows:

On the North by lands of: **Eli A. Wengerd and Fannie Mae Wengerd;**
On the East by lands of: **Eli A. Wengerd and Fannie Mae Wengerd;**
On the South by lands of: **Roy Friend Yoho;**
On the West by lands of: **Lloyd Richard Oliver;**

Containing 264 acres and located in the District of Franklin, Marshall County, State of West Virginia, for the purpose of drilling, operating for, producing and removing oil and gas and all the constituents thereof. Said lands were conveyed to Lessor by virtue of deed dated 8/16/1928 and recorded in said County in Will Book 188 at Page 423.

Voided Copy

This Memorandum of Oil and Gas Lease is being made and filed for the purpose of giving third parties notice of the existence of the Lease described above. The execution, delivery and recordation of this Memorandum of Oil and Gas Lease shall have no effect upon and is not intended as an amendment of the terms and conditions of the Lease. It is the intent of the Lessor to lease all of Lessor's interest in and to the properties described herein, whether or not the tracts recited herein are properly described, and further it is understood this lease includes all rights owned by the Lessor in the properties described herein.

IN WITNESS WHEREOF this Memorandum of Oil and Gas Lease is executed as of the date first above written.

WITNESS: LESSOR:

Voided Copy
2017 Marshall County

Paulette F. Parker
Paulette F. Parker a/k/a Paulette Fay Dancy

WITNESS:

CHESAPEAKE APPALACHIA, L.L.C.
An Oklahoma limited liability company

By: Lester A. Zitkos
Its: Vice President - Land, Eastern Division

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2017 Marshall County

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2017 Marshall County

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2017 Marshall County

EXHIBIT
C

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2017 Marshall County

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2017 Marshall County

BOOK 0695 PAGE 0369

ACKNOWLEDGMENT

STATE OF Colorado)
) SS:
COUNTY OF Garfield)

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2017 Marshall County

Voided Copy
2017 Marshall County

On this the 14th day of October, 2009, before me, a notary public, the undersigned officer, personally appeared Paulette F. Parker, a married woman dealing in her sole and separate property, who, being duly sworn according to law, depose and say that they executed the foregoing instrument for the purposes therein contained. *a/k/a Paulette Fay Dancy

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: October 3, 2011
Signature/Notary Public: Wendy A Mead
Name/Notary Public (print): Wendy A Mead

WENDY A MEAD
Notary Public
State of Colorado

Voided Copy
2017 Marshall County

Voided Copy
2017 Marshall County

CORPORATE ACKNOWLEDGMENT

STATE OF OKLAHOMA)
) SS:
COUNTY OF OKLAHOMA)

Voided Copy

On this the 3rd day of February 2010 before me, a notary public, the undersigned officer, personally appeared Lester A. Zitkus, who acknowledged himself to be the Vice President - Land, Eastern Division of Chesapeake Appalachia, L.L.C., an Oklahoma limited liability company, and that he as such Vice President - Land, Eastern Division, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself as Vice President - Land, Eastern Division.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires:
Signature/Notary Public: Holly Freeman
Name/Notary Public (print):

NOTARY PUBLIC
HOLLY FREEMAN
09007269
EXP. 08/28/13
STATE OF OKLAHOMA

Voided Copy

Please return original document to: Chesapeake Appalachia, L.L.C., 6100 N. Western Avenue Oklahoma City, OK 73118.

Jan Pest
MARSHALL County 11:54:44 AM
Instrument No 1282237
Date Recorded 03/03/2010
Document Type O&G
Pages Recorded 2
Book-Page 695-369
Recording Fee $10.00
Additional $6.00

Voided Copy
2017 Marshall County

Voided Copy
2017 Marshall County

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STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

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I, JAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 15th day of October 2009, was presented for and by me admitted to record in my office upon the above certificate as to the parties therein named this 3rd day of March 2010 at 11:54 o'clock A.M.

TESTE: Jan Pest Clerk.

GPS 9M 12-08

1-288082-005

PAID-UP
OIL & GAS LEASE

Lease No. _____

06/09 - WV

This Lease, made this 15th day of October, 2009, by and between Paulette F. Parker, a/k/a Paulette Fay Dancy, a married woman dealing in her sole and separate property, whose address is 525 Wagon Wheel Circle, New Castle, CO 81647, hereinafter collectively called "Lessor", and CHESAPEAKE APPALACHIA, L.L.C., an Oklahoma limited liability company, 6100 N. Western Avenue, Oklahoma City, OK 73118, hereinafter called "Lessee".

WITNESSETH, that for and in consideration of the premises, and of the mutual covenants and agreements hereinafter set forth, the Lessor and Lessee agree as follows:

LEASING CLAUSE. Lessor hereby leases exclusively to Lessee all the oil and gas including, but not limited to coal seam gas, coalbed methane gas, coalbed gas, methane gas, gob gas, occluded methane/natural gas and all associated natural gas and other hydrocarbons and non-hydrocarbons contained in, associated with, emitting from, or produced/originating within any formation, gob area, mine-out area, coal seam, and all communicating zones, and their liquid gaseous constituents, whether hydrocarbon or non-hydrocarbon, underlying the land herein leased, together with such exclusive rights as may be necessary or convenient for Lessee, at its election, to explore for, develop, produce, measure, and market production from the Leasehold, and from adjoining lands, using methods and techniques which are not restricted to current technology, including the right to conduct geophysical and other exploratory tests; to drill, maintain, operate, cease to operate, plug, abandon, and remove wells; to use or install roads, electric power and telephone facilities, and to construct pipelines with appurtenant facilities, including data acquisition, compression and collection facilities for use in the production and transportation of products from the Leasehold or from neighboring lands across the Leasehold, to use oil, gas, and non-domestic water sources, free of cost, to store gas of any kind underground, regardless of the source thereof, including the injecting of gas therein and removing the same therefrom; to protect stored gas; to operate, maintain, repair, and remove material and equipment.

DESCRIPTION. The Leasehold is located in the District of Franklin, in the County of Marshall, in the State of West Virginia, and described as follows:

Property Tax Parcel Identification Number: 17-8

and is bounded formerly or currently as follows:

On the North by lands of Eli A Wengerd and Fannie Mae Wengerd;
On the East by lands of Eli A. Wengerd and Fannie Mae Wengerd;
On the South by lands of Roy Friend Yoho;
On the West by lands of Lloyd Richard Oliver, etux;

including lands acquired from Wiley S. Goddard by virtue of deed dated August 16, 1928, and recorded in Deed Book 188 at Page 423, and described for the purposes of this agreement as containing a total of 264 Leasehold acres, whether actually more or less, and including contiguous lands owned by Lessor. This Lease also covers and includes, in addition to that above described, all land, if any, contiguous or adjacent to or adjoining the land above described and (a) owned or claimed by Lessor, by limitation, prescription, possession, reversion or unrecorded instrument or (b) as to which Lessor has a preference right of acquisition. Lessor agrees to execute any supplemental instrument requested by Lessee for a more complete or accurate description of said land.

LEASE TERM. This Lease shall remain in force for a primary term of seven (7) years from 12:00 A.M. October 15th, 2009 (effective date) to 11:59 P.M. October 15th, 2016 (last day of primary term) and shall continue beyond the primary term as to the entirety of the Leasehold if any of the following is satisfied: (i) operations are conducted on the Leasehold or lands pooled/unitized therewith in search of oil, gas, or their constituents, or (ii) a well deemed by Lessee to be capable of production is located on the Leasehold or lands pooled/unitized therewith, or (iii) oil or gas, or their constituents, are produced from the Leasehold or lands pooled/unitized therewith, or (iv) if the Leasehold or lands pooled/unitized therewith is used for the underground storage of gas, or for the protection of stored gas, or (v) if prescribed payments are made, or (vi) if Lessee's operations are delayed, postponed or interrupted as a result of any coal, stone or other mining or mining related operation under any existing and effective lease, permit or authorization covering such operations on the leased premises or on other lands affecting the leased premises, such delay will automatically extend the primary or secondary term of this oil and gas lease without additional compensation or performance by Lessee for a period of time equal to any such delay, postponement or interruption.

If there is any dispute concerning the extension of this Lease beyond the primary term by reason of any of the alternative mechanisms specified herein, the payment to the Lessor of the prescribed payments provided below shall be conclusive evidence that the Lease has been extended beyond the primary term.

EXTENSION OF PRIMARY TERM. Lessee has the option to extend the primary term of this Lease for one additional term of three (3) years from the expiration of the primary term of this Lease; said extension to be under the same terms and conditions as contained in this Lease. Lessee may exercise this option to extend this Lease if on or before the expiration date of the primary term of this Lease, Lessee pays or tenders to the Lessor or to the Lessor's credit an amount equal to the initial consideration given for the execution hereof. Exercise of this option is at Lessee's sole discretion and may be invoked by Lessee where no other alternative of the Lease Term clause extends this Lease beyond the primary term.

NO AUTOMATIC TERMINATION OR FORFEITURE.

(A) CONSTRUCTION OF LEASE: The language of this Lease (including, but not limited to, the Lease Term and Extension of Term clauses) shall never be read as language of special limitation. This Lease shall be construed against termination, forfeiture, cancellation or expiration and in favor of giving effect to the continuation of this Lease where the circumstances exist to maintain this Lease in effect under any of the alternative mechanisms set forth above. In connection therewith, (i) a well shall be deemed to be capable of production if it has the capacity to produce a profit over operating costs, without regard to any capital costs to drill or equip the well, or to deliver the oil or gas to market, and (ii) the Lessee shall be deemed to be conducting operations in search of oil or gas, or their constituents, if the Lessee is engaged in geophysical and other exploratory work including, but not limited to, activities to drill an initial well, to drill a new well, or to rework, stimulate, deepen, sidetrack, frac, plug back in the same or different formation or repair a well or equipment on the Leasehold or any lands pooled/unitized therewith (such activities shall include, but not be limited to, performing any preliminary or preparatory work necessary for drilling, conducting internal technical analysis to initiate and/or further develop a well, obtaining permits and approvals associated therewith and may include reasonable gaps in activities provided that there is a continuum of activities showing a good faith effort to develop a well or that the cessation or interruption of activities was beyond the control of Lessee, including interruptions caused by the acts of third parties over whom Lessee has no control or regulatory delays associated with any approval process required for conducting such activities).

(B) LIMITATION OF FORFEITURE: This Lease shall never be subject to a civil action or proceeding to enforce a claim of termination, cancellation, expiration or forfeiture due to any action or inaction by the Lessee, including, but not limited to making any prescribed payments authorized under the terms of this Lease, unless the Lessee has received written notice of Lessor's demand and thereafter fails or refuses to satisfy or provide justification responding to Lessor's demand within 60 days from the receipt of such notice. If Lessee timely responds to Lessor's demand, but in good faith disagrees with Lessor's position and sets forth the reasons therefore, such a response shall be deemed to satisfy this provision, this Lease shall continue in full force and effect and no further damages (or other claims for relief) will accrue in Lessor's favor during the pendency of the dispute, other than claims for payments that may be due under the terms of this Lease.

PAYMENTS TO LESSOR. In addition to the bonus paid by Lessee for the execution hereof, Lessee covenants to pay Lessor, proportionate to Lessor's percentage of ownership, as follows:

(A) DELAY RENTAL: To pay Lessor as Delay Rental, after the first year, at the rate of <u>five dollars ($5.00)</u> per net acre per year payable in advance. **The parties hereto agree that this is a Paid-Up Lease with no further Delay Rental and/or Delay in Marketing payments due to Lessor during the primary term hereof.**

(B) ROYALTY: To pay Lessor as Royalty, less all taxes, assessments, and adjustments on production from the Leasehold, as follows:

1. OIL: To deliver to the credit of Lessor, free of cost, a Royalty of the equal one-eighth (1/8) part of all oil and any constituents thereof produced and marketed from the Leasehold.

2. GAS: To pay Lessor on actual volumes of gas sold from said land, one-eighth (1/8) of the net amount realized by Lessee, computed at the wellhead. As used in this lease, the term "net amount realized by Lessee, computed at the wellhead" shall mean the gross proceeds received by Lessee from the sale of oil and gas minus post-production costs incurred by Lessee between the wellhead and the point of sale As used in this Lease, the term "post-production costs" shall mean all costs and expenses of (a) treating and processing oil and/or gas, and (b) separating liquid hydrocarbons from gas, other than condensate separated at the well, and (c) transporting oil and/or gas, including but not limited to transportation between the wellhead and any production or treating facilities, and transportation to the point of sale, and (d) compressing gas for transportation and delivery purposes, and (e) metering oil and/or gas to determine the amount sold and/or the amount used by Lessee, and (f) sales charges, commissions and fees paid to third parties (whether or not affiliated) in connection with the sale of the gas, and (g) any and all other costs and expenses of any kind or nature incurred in regard to the gas, or the handling thereof, between the wellhead and the point of sale. Lessee may use its own pipelines and equipment to provide such treating, processing, separating, transportation, compression and metering services, or it may engage others to provide such services; and if Lessee uses its own pipelines and/or equipment, post-production costs shall include without limitation reasonable depreciation and amortization expenses relating to such facilities, together with Lessee's cost of capital and a reasonable return on its investment in such facilities. Prior to payment of royalty, Lessor may be required to execute a Division Order certifying Lessor's interest in production. Lessee may pay all taxes and fees levied upon the oil and gas as produced, including, without limitation, severance taxes and privilege and surveillance fees, and deduct a proportionate share of the amount so paid from any monies payable to Lessor hereunder. Lessee may withhold Royalty payment until such time as the total withheld exceeds fifty dollars ($50.00).

(C) DELAY IN MARKETING: In the event that Lessee drills a well on the Leasehold or lands pooled/unitized therewith that Lessee deems to be capable of production, but does not market producible gas, oil, or their constituents, therefrom and there is no other basis for extending this Lease, Lessee shall pay after the primary term and until such time as marketing is established (or Lessee surrenders the Lease) a Delay in Marketing payment equal in amount and frequency to the annual Delay Rental payment, and this Lease shall remain in full force and effect to the same extent as payment of Royalty.

(D) SHUT-IN: In the event that production of oil, gas, or their constituents, is interrupted and not marketed for a period of twelve (12) months, and there is no producing well on the Leasehold or lands pooled/unitized therewith, Lessee shall thereafter, as Royalty for constructive production, pay a Shut-in Royalty equal in amount and frequency to the annual Delay Rental payment until such time as production is re-established (or Lessee surrenders the Lease) and this Lease shall remain in full force and effect. During Shut-in, Lessee shall have the right to rework, stimulate, or deepen any well on the Leasehold or to drill a new well on the Leasehold in an effort to re-establish production, whether from an original producing formation or from a different formation. In the event that the production from the only producing well on the Leasehold is interrupted for a period of less than twelve (12) months, this Lease shall remain in full force and effect without payment of Royalty or Shut-in Royalty.

(E) DAMAGES: Lessee will remove unnecessary equipment and materials and reclaim all disturbed lands at the completion of activities, and Lessee agrees to repair any damaged improvements to the land and pay for the loss of growing crops or marketable timber.

(F) MANNER OF PAYMENT: Lessee shall make or tender all payments due hereunder by check, payable to Lessor, at Lessor's last known address, and Lessee may withhold any payment pending notification by Lessor of a change in address. Payment may be tendered by mail or any comparable method (e.g., Federal Express), and payment is deemed complete upon mailing or dispatch. Where the due date for any payment specified herein falls on a holiday, Saturday or Sunday, payment tendered (mailed or dispatched) on the next business day is timely.

(G) CHANGE IN LAND OWNERSHIP: Lessee shall not be bound by any change in the ownership of the Leasehold until furnished with such documentation as Lessee may reasonably require. Pending the receipt of documentation, Lessee may elect either to continue to make or withhold payments as if such a change had not occurred.

(H) TITLE: If Lessee receives evidence that Lessor does not have title to all or any part of the rights herein leased, Lessee may immediately withhold payments that would be otherwise due and payable hereunder to Lessor until the adverse claim is fully resolved.

(I) LIENS: Lessee may, at its option, pay and discharge any past due taxes, mortgages, judgments, or other liens and encumbrances on or against any land or interest included in the Leasehold; and Lessee shall be entitled to recover from the debtor, with legal interest and costs, by deduction from any future payments to Lessor or by any other lawful means.

(J) CHARACTERIZATION OF PAYMENTS: Payments set forth herein are covenants, not special limitations, regardless of the manner in which these payments may be invoked. Any failure on the part of the Lessee to timely or otherwise properly tender payment can never result in an automatic termination, expiration, cancellation, or forfeiture of this Lease. Lessor recognizes and acknowledges that oil and gas lease payments, in the form of rental, bonus and royalty, can vary depending on multiple factors and that this Lease is the product of good faith negotiations. Lessor hereby agrees that the payment terms, as set forth herein, and any bonus payments paid to Lessor constitute full consideration for the Leasehold. Lessor further agrees that such payment terms and bonus payments are final and that Lessor will not seek to amend or modify the lease payments, or seek additional consideration based upon of any differing terms which Lessee has or will negotiate with any other lessor/oil and gas owner.

(K) PAYMENT REDUCTIONS: If Lessor owns a lesser interest in the oil or gas than the entire undivided fee simple estate, then the rentals (except for Delay Rental payments as set forth above), royalties and shut-in royalties hereunder shall be paid to Lessor only in the proportion which Lessor's interest bears to the whole and undivided fee.

<u>UNITIZATION AND POOLING.</u> Lessor grants Lessee the right to pool, unitize, or combine all or parts of the Leasehold with other lands, whether contiguous or not contiguous, leased or unleased, whether owned by Lessee or by others, at a time before or after drilling to create drilling or production units either by contract right or pursuant to governmental authorization. Pooling or unitizing in one or more instances shall not exhaust Lessee's pooling and unitizing rights hereunder, and Lessee is granted the right to change the size, shape, and conditions of operation or payment of any unit created. Lessor agrees to accept and receive out of the production or the revenue realized from the production of such unit, such proportional share of the Royalty from each unit well as the number of Leasehold acres included in the unit bears to the total number of acres in the unit. Otherwise, as to any part of the unit, drilling, operations in preparation for drilling, production, or shut-in production from the unit, or payment of Royalty, Shut-in Royalty, Delay in Marketing payment or Delay Rental attributable to any part of the unit (including non-Leasehold land) shall have the same effect upon the terms of this Lease as if a well were located on, or the subject activity attributable to, the Leasehold. In the event of conflict or inconsistency between the Leasehold acres ascribed to the Lease and the local property tax assessment calculation of the lands covered by the Lease, Lessee may, at its option, rely on the latter as being determinative for the purposes of this paragraph.

<u>FACILITIES.</u> Lessee shall not drill a well within 200 feet of any structure located on the Leasehold without Lessor's written consent. Lessor shall not erect any building or structure, or plant any trees within 200 feet of a well or within 25 feet of a pipeline without Lessee's written consent. Lessor shall not improve, modify, degrade, or restrict roads and facilities built by Lessee without Lessee's written consent.

~~CONVERSION TO STORAGE. Lessee is hereby granted the right to convert the Leasehold or lands pooled/unitized therewith to gas storage. At the time of conversion, Lessee shall pay Lessor's proportionate part for the estimated recoverable gas remaining in any well drilled pursuant to this Lease using methods of calculating gas reserves as are generally accepted by the natural gas industry and, in the event that all wells on the Leasehold and/or lands pooled/unitized therewith have permanently ceased production, Lessor shall be paid a Conversion to Storage payment in an amount equal to Delay Rental for as long thereafter as the Leasehold or lands pooled/unitized therewith is/are used for gas storage or for protection of gas storage; such Conversion to Storage payment shall first become due upon the next ensuing Delay Rental anniversary date. The use of any part of the Leasehold or lands pooled or unitized therewith for the underground storage of gas, or for the protection of stored gas will extend this Lease beyond the primary term as to all rights granted by this Lease, including but not limited to production rights, regardless of whether the production and storage rights are owned together or separately.~~

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TITLE AND INTERESTS. Lessor hereby warrants generally and agrees to defend title to the Leasehold and covenants that Lessee shall have quiet enjoyment hereunder and shall have benefit of the doctrine of after acquired title. Should any person having title to the Leasehold fail to execute this Lease; the Lease shall nevertheless be binding upon all persons who do execute it as Lessor.

LEASE DEVELOPMENT. There is no implied covenant to drill, prevent drainage, further develop or market production within the primary term or any extension of term of this Lease. There shall be no Leasehold forfeiture, termination, expiration or cancellation for failure to comply with said implied covenants. Provisions herein, including, but not limited to the prescribed payments, constitute full compensation for the privileges herein granted.

COVENANTS. This Lease and its expressed or implied covenants shall not be subject to termination, forfeiture of rights, or damages due to failure to comply with obligations if compliance is effectively prevented by federal, state, or local law, regulation, or decree, or the acts of God and/or third parties over whom Lessee has no control.

RIGHT OF FIRST REFUSAL. If at any time within the primary term of this lease or any continuation thereof, Lessor receives any bona fide offer, acceptable to Lessor, to grant an additional lease ("Top Lease") covering all or part of the Leasehold, Lessee shall have the continuing option by meeting any such offer to acquire a Top Lease on equivalent terms and conditions. Any offer must be in writing and must set forth the proposed Lessee's name, bonus consideration and royalty consideration to be paid for such Top Lease, and include a copy of the lease form to be utilized reflecting all pertinent and relevant terms and conditions of the Top Lease. Lessee shall have fifteen (15) days after receipt from Lessor of a complete copy of any such offer to advise Lessor in writing of its election to enter into an oil and gas lease with Lessor on equivalent terms and conditions. If Lessee fails to notify Lessor within the aforesaid fifteen (15) day period of its election to meet any such bona fide offer, Lessor shall have the right to accept said offer. Any Top Lease granted by Lessor in violation of this provision shall be null and void.

ARBITRATION. In the event of a disagreement between Lessor and Lessee concerning this Lease, performance thereunder, or damages caused by Lessee's operations, the resolution of all such disputes shall be determined by arbitration in accordance with the rules of the American Arbitration Association. All fees and costs associated with the arbitration shall be borne equally by Lessor and Lessee.

ENTIRE CONTRACT. The entire agreement between Lessor and Lessee is embodied herein. No oral warranties, representations, or promises have been made or relied upon by either party as an inducement to or modification of this Lease.

TITLE CURATIVE. Lessor agrees to execute affidavits, ratifications, amendments, permits and other instruments as may be necessary to carry out the purpose of this lease.

SURRENDER. Lessee, at any time, and from time to time, may surrender and cancel this Lease as to all or any part of the Leasehold by recording a Surrender of Lease and thereupon this Lease, and the rights and obligations of the parties hereunder, shall terminate as to the part so surrendered; provided, however, that upon each surrender as to any part of the Leasehold, Lessee shall have reasonable and convenient easements for then existing wells, pipelines, pole lines, roadways and other facilities on the lands surrendered.

SUCCESSORS. All rights, duties, and liabilities herein benefit and bind Lessor and Lessee and their heirs, successors, and assigns.

FORCE MAJEURE. All express or implied covenants of this Lease shall be subject to all applicable laws, rules, regulations and orders. When drilling, reworking, production or other operations hereunder, or Lessee's fulfillment of its obligations hereunder are prevented or delayed by such laws, rules, regulations or orders, or by inability to obtain necessary permits, equipment, services, material, water, electricity, fuel, access or easements, or by fire, flood, adverse weather conditions, war, sabotage, rebellion, insurrection, riot, strike or labor disputes, or by inability to obtain a satisfactory market for production or failure of purchasers or carriers to take or transport such production, or by any other cause not reasonably within Lessee's control, this Lease shall not terminate, in whole or in part, because of such prevention or delay, and, at Lessee's option, the period of such prevention or delay shall be added to the term hereof. Lessee shall not be liable in damages for breach of any express or implied covenants of this Lease for failure to comply therewith, if compliance is prevented by, or failure is the result of any applicable laws, rules, regulations or orders or operation of force majeure.

SEVERABILITY. This Lease is intended to comply with all applicable laws, rules, regulations, ordinances and governmental orders. If any provision of this Lease is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall survive and continue in full force and effect to the maximum extent allowed by law. If a court of competent jurisdiction holds any provision of this Lease invalid, void, or unenforceable under applicable law, the court shall give the provision the greatest effect possible under the law and modify the provision so as to conform to applicable law if that can be done in a manner which does not frustrate the purpose of this Lease.

COUNTERPARTS. This Lease may be executed in one or more counterparts, each of which will be deemed to be an original copy of this Lease and all of which, when taken together, will be deemed to constitute one and the same agreement.

See Addendum attached hereto and by this reference made a part hereof.
Notwithstanding anything herein contained to the contrary, Lessee agrees the herein described leased premises shall not be used for the purpose of gas storage. Any reference to gas storage contained in this lease is hereby deleted.

IN WITNESS WHEREOF, Lessor hereunto sets hand and seal.

Witness _____ Paulette F. Parker (Seal)
Paulette F. Parker a/k/a Paulette Fay Dancy

Witness _____ _____ (Seal)

Witness _____ _____ (Seal)

Witness _____ _____ (Seal)

Document prepared by: Chesapeake Appalachia, L.L.C., 6100 N. Western Avenue, Oklahoma City, OK 73118.

ACKNOWLEDGMENT

STATE OF Colorado;
COUNTY OF Garfield;

On this the 19th day of October, 2009, before me, the undersigned authority, personally appeared Paulette F. Parker a/k/a Paulette Fay Dancy, a married woman dealing in her sole and separate property, who, being duly sworn according to law, depose and say that they executed the foregoing instrument for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires
October 3, 2011

My Commission Expires: _____
Signature/Notary Public: Wendy A Mead
Name/Notary Public (print): Wendy A Mead

WENDY A MEAD
Notary Public
State of Colorado

CORPORATE ACKNOWLEDGMENT

STATE OF _____;
COUNTY OF _____;

On this the _____ day of _____, 2009, before me, the undersigned authority, personally appeared _____, who acknowledged himself to be the _____ of _____, and that he as such _____, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself as _____, a _____ corporation.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: _____
Signature/Notary Public: _____
Name/Notary Public (print): _____

Recorder: Return to Chesapeake Appalachia, L.L.C., 6100 N. Western Avenue, Oklahoma City, OK 73118.

ADDENDUM

This Addendum is attached to and made a part of that certain Oil and Gas Lease dated October 15th, 2009, by and between *Paulette F. Parker, a married woman dealing in her sole and separate property, as Lessor, and **CHESAPEAKE APPALACHIA, L.L.C.**, as Lessee. If any of the following provisions conflict with or are inconsistent with any of the printed provisions or terms of this Lease, the following provisions shall control.

*a/k/a Paulette Fay Dancy

1. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipeline to which it may connect its wells, the equal one-eighth (1/8) part of all oil produced and sold from the leased premises, and shall pay Lessor one-eighth (1/8) of the proceeds of all gas produced and sold from the leased premises, payable monthly: It is agreed between the Lessor and Lessee that all oil, gas or other proceeds accruing to the Lessor under this lease or by state law shall be without deduction, directly or indirectly, for the cost of producing, gathering, separating, treating, dehydrating, compressing, processing, transporting, and marketing the oil, gas and other products produced hereunder to transform the product into marketable form. However, in no event shall Lessor receive a price that is less than, or more than, the price received by Lessee.

Lessor: Paulette F. Parker
Paulette F. Parker a/k/a Paulette Fay Dancy

Lessor: _____

CHESAPEAKE APPALACHIA, L.L.C.

By: _____
Its: _____

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BOOK 0702 PAGE 0115

MEMORANDUM OF OIL AND GAS LEASE

West Virginia

The undersigned Michael L. West, a married man dealing in his sole and separate property

of RD 2 Box 87 A, Proctor, WV 26055 as

Lessor and TriEnergy Holdings, LLC, P.O. Box 89, Sewickley, PA 15143, as Lessee, entered into an Oil and Gas Lease as of the 24th day of March, 2010. Said lease covers all that certain tract of land situate in the District of Franklin, in Marshall County, State of West Virginia, bounded and described generally as follows:

On the North by: n/f:

On the East by: n/f:

On the South by: n/f:

On the West by: n/f:

Tax Parcel No: 05-18-19 (10ac.)

Containing 10 acres, more or less, being the same land conveyed by _____ and recorded in the records of said county in Book 669, Page 513.

Under the terms of the aforesaid lease, the said property was leased by Lessor to Lessee for a term of Five (5) years from the date thereof and so long thereafter as oil or gas are produced from said land in paying quantities or the lease is otherwise maintained pursuant to the provisions thereof.

Under the terms of said lease, the Lessee has a first option to renew the lease for a further like term, which option must be exercised within sixty (60) days of the expiration of the initial primary term of said lease.

Dated: 3-24, 2010.

LESSOR:

WITNESS:

_____

Michael L. West (SEAL)

_____ (SEAL)

Approved by:

Joseph E. Bojalad, President
TriEnergy Holdings, LLC

State of West Virginia)
) ss:
County of Marshall)

On the 24 day of March in the year 2010, before me, the undersigned, a Notary Public in and for said state, personally appeared Michael L. West, a married man dealing in his sole and separate property, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument

EXHIBIT D

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BOOK 0702 PAGE 0116

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires:

Notary Public

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
EPIFANIO B. SCHILLACI
595 Grant Avenue
Moundsville, West Virginia 26041
My Commission Expires Aug. 8, 2015

CORPORATION

Pennsylvania

County of: Allegheny SS:

Before me a Notary Public in and for said county and state personally appeared: Joseph E. Bolalad, the President of TriEnergy Holdings, LLC, the above named corporation, who acknowledged to me that they did execute the foregoing instrument for and on behalf of said corporation, pursuant to authority so to do of said corporation and that the same is the free act and deed of said corporation and of themselves as such officers, for the uses and purposes therein set forth.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal at Sewickley this 20 day of June, 2010.

My Commission expires: 9/24/2013

Debra W. Reid

Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Debra W. Reid, Notary Public
Sewickley Boro, Allegheny County
My Commission Expires Sept. 24, 2013
Member, Pennsylvania Association of Notaries

Jan Pest
MARSHALL County 09:32:06 AM
Instrument No 1287209
Date Recorded 06/09/2010
Document Type OAG
Pages Recorded 2
Book-Page 702-115
Recording Fee $5.00
Additional $6.00

STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

I, JAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 24th day of March 2010, was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this 9th day of June 2010 at 9:32 o'clock A.M.

TESTE: Jan Pest Clerk.

CPS 8M 5-10

OIL AND GAS LEASE (PAID-UP)

TriEnergy Holdings
West Virginia

This Lease Agreement is made as of the _____ day of March, 2010 _____ between Michael L. West, a married man dealing in his sole and separate property

of RD 2 Box 87A, Proctor,WV 26055 as Lessor, (whether one or more), and TriEnergy Holdings, LLC, P.O. Box 89, 412 Beaver Street, 2nd floor, Sewickley, PA 15143, as Lessee.

(1) LEASE - In consideration of the sum of One Dollar ($1.00) in hand paid, the receipt of which is hereby acknowledged, and in further consideration of the covenants and agreements herein contained, Lessor hereby leases and lets exclusively to Lessee, its successors and assigns, for the purpose of exploring for, developing, producing and marketing oil and gas, including methane gas present in any coal seam, along with all hydrocarbon substances produced in association therewith, the following described land:

(2) DESCRIPTION - All that certain tract of land situate in the Franklin District, Marshall County, State of West Virginia being duly bounded and described as follows:

On the North by: n/f

On the East by: n/f

On the South by: n/f

On the West by: n/f

Tax Parcel No: 05-18-19 (10ac.)

Containing 10 acres, more or less, being the same land conveyed by _____ and recorded in the records of said county in Book 669, Page 513. This lease includes any interest in said property which Lessor hereafter acquires by reversion, prescription or otherwise.

(3) TERM - Subject to the other provisions contained herein, this lease shall be in force for a primary term of five (5) years from the date of this lease and for so long thereafter as oil, gas or other substances covered hereby are produced in paying quantities from the leased premises or from lands pooled therewith or this lease is otherwise maintained pursuant to the provisions hereof.

(4) Royalty Payment - (a) For crude oil, including condensate, Lessee shall pay to the Lessor, as royalty, free of production cost, Sixteen Percent (16%) of the proceeds realized by Lessee from the sale of all crude oil produced and sold from the leased premises. (b) For gas (including casing-head gas) and all other substances covered hereby, the royalty shall be Sixteen Percent (16%) of the proceeds realized by Lessee from the sale thereof, with no deduction of any costs incurred by Lessee or its affiliates to gather, transport, compress, dehydrate or otherwise treat such gas prior to the point of custody transfer into pipelines or other facilities owned by a regulated utility or pipeline company or a non-affiliated third party.

If the Lessee chooses to make this leasehold part of a unit for an enhanced recovery project and surplus gas is marketed from that unit, then any payment for gas marketed shall be divided pro rata among the various Lessors in such unit in accordance with the number of acres each owns in said unit from which gas is taken in the recovery, provided however, that if Lessee produces or purchases gas outside the unit and uses it in said unit, then Lessee shall pay for gas marketed only to the extent that it exceeds the outside gas produced or purchased. Lessee may use gas produced from the leased premises, without charge, for injection into wells located on said leased premises or on a unit of which the leased premises is part, and for said purpose may commingle said gas with gas produced elsewhere.

(5) LESSOR'S INTEREST - If Lessor owns a less interest in the above-described land than the entire and undivided estate herein leased, then the royalties, shut-in royalties and rentals herein provided shall be paid by Lessee only in the proportion to which Lessor's interest bears to the whole and undivided estate. If the leased premises shall hereafter be subdivided, the premises shall nevertheless be developed and operated as one lease, and all royalties accruing hereunder shall be treated as an entirety, and shall be divided among and paid to such separate owners in the proportion that the acreage owned by each owner bears to the entire leased acreage.

(6) RENTAL PAYMENT - This lease is made on the condition that it will become null and void and all rights hereunder shall cease and terminate unless work for the drilling of a well is commenced on the leased premises or lands pooled herewith within Ninety (90) days from the date of this lease and prosecuted with due and reasonable diligence, or unless the Lessee shall pay to the Lessor, in advance, every twelve (12) months until work for the drilling of a well is commenced, the rate of Five Hundred and no/100 Dollars ($ 500.00) per net acre leased for each twelve (12) months during which the commencement of such work is delayed.

Payment or tender of all moneys due Lessor hereunder may be made by check or draft mailed or tendered to Lessor either:

(a) To the Lessor direct, at the address above stated;

(b) If the Lessor consists of two or more persons, then to _____, who is hereby appointed the agent of the Lessor to receive such payments;

(7) CONTINUING OPERATIONS - If, at the end of the primary term or any time thereafter, this lease is not being kept in force by any other provision hereof, but Lessee is then engaged in drilling, reworking or any other operation calculated to obtain production on the leased premises or lands pooled therewith, this lease shall remain in force as long as such operations are conducted in a reasonably prudent manner and, if such operations result in the production of any substance covered hereby, as long thereafter as production continues in paying quantities.

(8) POOLING - Lessee is hereby granted the right to pool or unitize the leased premises, or any part thereof, with any other property for the production of any substance covered hereby, so as to create one or more drilling or production units. Said drilling or production units shall not exceed six hundred forty (640) acres. In the event this lease is so unitized, the Lessor agrees to accept in lieu of the royalty herein before recited, such proportion of the royalty above provided as the acreage contributed by this lease bears to the total acreage comprising the unit.

Lessee shall create the unit by executing an instrument identifying and describing the pooled acreage and shall mail a copy thereof to the Lessor's last known address. Lessee shall have the recurring right to revise any unit formed hereunder either before or after commencement of production. In the event of a revision, Lessee shall execute a written instrument describing the revised unit and stating the effective date of the revision. Lessee shall mail a copy thereof to the Lessor's last known address and the proportion of unit production on which royalties are payable hereunder shall thereafter be adjusted accordingly. Lessee may terminate the unit by filing of record a written declaration describing the unit and stating the date of termination.

Production, drilling or reworking operations anywhere on a unit which includes all or any part of the leased premises shall, except for the payment of royalties, be treated as if it were production drilling or reworking operations on the leased premises.

(9) SHUT-IN ROYALTY – If beyond the initial primary term of this lease, which is paid-up for such five (5) year term, and notwithstanding anything herein to the contrary if all wells on the leased premises, or on a unit that includes all or a part of the leased premises, capable of producing gas in paying quantities are shut-in for a period of one year and there is no current production of oil or operations on said leased premises sufficient to keep this lease in force or when this lease is not otherwise kept in force by other provisions of this lease, the Lessee may maintain this lease in effect by tendering to Lessor a shut-in royalty equal to the delay rental provided for herein. Said shut-in gas royalty shall be paid or tendered to the Lessor on or before the end of each year in which the wells are shut-in. Upon payment of the shut-in gas royalty as provided herein, this lease will continue in force during all of the time or times while such wells are shut-in.

(10) TAXES - All taxes assessed or payable on the oil and gas or any increase in the real estate taxes, or taxes in lieu of real estate taxes, because of the oil and gas or operations under this lease shall be paid by the parties hereto in proportion to their interest.

(11) FORCE MAJEURE - When drilling or other operations are delayed or interrupted by storm flood, fire, or other acts of God, war, rebellion, insurrection, riot, strikes, differences with workmen or failure of carriers to transport or furnish facilities for transportation, or as a result of some law, order or regulation of the government, or as a result of shortage in material or equipment, or as a result of any cause whatsoever beyond the control of the Lessee, the time of such delay or interruptions shall not be counted against Lessee, anything in this lease to the contrary notwithstanding. This lease shall not be terminated in whole or in part, nor Lessee held liable in damages for failure to comply therewith if compliance is prevented by, or if such failure is the result of any such law, order, rule or regulation or any event beyond the control of the Lessee. If from such cause Lessee is prevented from conducting drilling or reworking operations on the leased premises or producing oil or gas from the leased premises, or lands pooled therewith, the time while the Lessee is so prevented shall not be counted against Lessee and this lease shall be extended for a period of time equal to that during which the Lessee is so prevented.

(12) DEFAULT - No default shall be declared against the Lessee for failure to make payment or perform any conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for forty-five (45) days after having received written notice from Lessor via certified US Mail of any possible breach of this Lease and the terms contained herein.

(13) SUCCESSORS AND ASSIGNS - All covenants and conditions between the parties hereto shall extend to their heirs, executors, successors and assigns and the Lessor hereby generally warrants and agrees to defend the title to the leased premises, but no change or division in ownership of the leased premises shall operate to enlarge the obligations or diminish the rights of the Lessee. Lessor agrees that the Lessee, at its option, may pay, discharge or redeem any taxes, mortgages or other liens existing, levied or assessed on or against the premises, and in the event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.

(14) ARBITRATION - Any question concerning this lease or performance thereunder shall be ascertained and determined by three disinterested arbitrators, one thereof to be appointed by the Lessor, one by the Lessee and the third by the two so appointed as aforesaid, and the award of such three persons shall be final and conclusive. The cost of such arbitration will be borne equally by the parties.

(15) ACCEPTANCE - This lease shall be deemed to be accepted by the Lessee upon execution by the undersigned duly authorized official of the Lessee.

(16) OPTION TO RENEW - Lessor further covenants that it will not grant an oil and gas lease or similar right for oil and gas covering the premises herein leased, or any portion thereof to any other party during the primary term of the lease and Lessee is hereby granted the right or option to extend the term of this lease for an additional five (5) year term commencing for a period within sixty (60) days after the end of the initial primary term of this lease at the rate of five hundred and 00/100 ($500.00) per net acre per year for an additional five (5) year term.

(17) WAIVER IN WRITING - The failure of either party to enforce or exercise any provision of this lease shall not constitute or be considered as a waiver of the provision in the future unless the same is expressed in writing and signed by the respective parties.

(18) Lessee shall indemnify and hold Lessor harmless from and against any and all direct and indirect liability, loss, cost, injury, damages, and expenses (including Attorney's fees) to any person or property arising from or in connection with the performance of it's drilling and production operations and any damages or injury by or arising from any act of negligence, omission, or default of the Lessee in connection with it's drilling and production operations on Lessor's property.

(19) In the event any activity carried on by Lessee, pursuant to the Lease, disturbs, injures, or damages fresh water source or well on the premises, Lessee shall, at its sole cost and expense, use its best efforts to repair or correct any such disturbance, injury, or damage.

(20) All access roads used by the Lessee pursuant to its drilling and producing operations on the leased premises shall be kept in a passable condition, free of significant ruts. Lessee shall utilize shale, gravel, or crushed stone and sluice pipes, where necessary, to maintain the condition of the roads. Upon request of Lessor, Lessee shall erect and maintain a gate on any access road used by Lessee. If the gate is locked, a key shall be furnished to the Lessor.

(21) Lessor hereby warrants that Lessor is not currently receiving any bonus, rental, production royalty as the result of any prior oil and gas lease covering any or all of the subject premises, and that there are no commercially producing wells currently existing on the subject premises, or upon other lands within the boundaries of a drilling or production unit utilizing all or a part of the subject premises.

(22) PAID-UP LEASE - Lessor hereby acknowledges receipt of payment in advance of all rentals set forth in Paragraph 6 herein above which are or may become due and payable for the five (5) years of the term set forth in Paragraph 3 herein above, and this Oil and Gas Lease is therefore paid up through said five (5) year term.

(23) NO SURFACE OPERATIONS – NOTWITHSTANDING ANYTHING TO THE CONTRARY HEREIN, LESSEE SHALL NOT CONSTRUCT ANY STRUCTURES OR CONDUCT ANY OPERATIONS OF ANY NATURE ON THE HEREIN LEASED PREMISES, BUT LESSEE MAY SECURE OIL AND/OR GAS UNDERLYING LEASED PREMISES BY A WELL BOTTOMED UNDER THE SURFACE THEREOF OR BY DRAINAGE FROM LANDS UNITIZED OR POOLED WITH THE PROVISIONS OF THIS LEASE.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals this _____ day of _____ 2010

WITNESS:

_____
Lessor: Michael L. West

_____
Lessor:

State of West Virginia)
) ss:
County of Marshall)

On the _____ day of _____ in the year 2010, before me, the undersigned, a Notary Public in and for said state, personally appeared Michael L. West, a married man dealing in his sole and separate property _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires:

_____ (SEAL)
Notary Public

Prepared by:

_____

Approved by:

_____
Joeseph E.Bojalad, President – TriEnergy Holdings, LLC

State/Commonwealth of: _____

County of: _____, SS:

Before me a Notary Public in and for said county and state personally appeared: Joseph E. Bojalad, the President of TriEnergy Holdings, LLC, the above named corporation, who acknowledged to me that they did execute the foregoing instrument for and on behalf of said corporation, pursuant to authority so to do of said corporation and that the same is the free act and deed of said corporation and of themselves as such officers, for the uses and purposes therein set forth.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal at _____ this _____ day of _____, 2010.

My Commission expires:

_____

Notary Public

GASTAR EXPLORATION INC.
1331 Lamar, Suite 650
Houston, TX 77010
(713) 739-1800

DEPOSIT DATE 6/1/2015

OWNER NAME	OWNER NO.	CHECK DATE	CHECK NUMBER	AMOUNT
MARCELLUS TX MINERAL PRTNR LTD	8095	May 28, 2015	644420	$14,822.04

PROPERTY # / SALE MO YR	P R D	PROPERTY NAME	BBL/ MCF	BTU/ GRAV	PRICE	GROSS VALUE	ST	COUNTY	GROSS TAXES	GROSS DEDUCTS	NET VALUE	OPERATOR NAME / DECIMAL INTEREST	INT TYP	OWNER GROSS VALUE	TAX CODE	OWNER STATE TAX	DED CODE	DEDUCTIONS	OWNER NET VALUE
5243		ARMSTRONG #1H					WV	MARSHALL				GASTAR EXPLORATION USA, INC							
03/15	G		34063.00	1.71	58204.92						49559.76	0.00831071	R	403.73					403.73
03/15	C		2988.32	23.33	69702.93						66217.78	0.00831071	R	579.28					579.28
03/15	P		1805.00	5.71	10312.05						9796.45	0.00831071	R	85.70					85.70
5278		ARMSTRONG #3H					WV	MARSHALL				GASTAR EXPLORATION USA, INC							
03/15	G		18565.00	1.71	31757.92						27040.95	0.00831071	R	263.93					263.93
03/15	C		2109.13	23.33	49195.72						46735.93	0.00831071	R	408.85					408.85
03/15	P		985.00	5.71	5626.45						5345.13	0.00831071	R	46.76					46.76
5280		ARMSTRONG #5H					WV	MARSHALL				GASTAR EXPLORATION USA, INC							
03/15	G		5567.00	1.71	9512.37						8099.48	0.00831071	R	79.06					79.06
03/15	C		371.77	23.33	8671.58						8238.00	0.00831071	R	72.07					72.07
03/15	P		295.00	5.71	1685.32						1601.05	0.00831071	R	14.00					14.00
5281		ARMSTRONG #6H					WV	MARSHALL				GASTAR EXPLORATION USA, INC							
03/15	G		40977.00	1.71	70018.09						59618.21	0.00831071	R	581.90					581.90
03/15	C		2705.39	23.33	63103.55						59948.37	0.00831071	R	524.44					524.44
03/15	P		2172.00	5.71	12405.15						11784.89	0.00831071	R	103.09					103.09
5282		ARMSTRONG #7H					WV	MARSHALL				GASTAR EXPLORATION USA, INC							
03/15	G		31022.00	1.71	53009.19						45135.72	0.00831071	R	440.54					440.54
03/15	C		699.11	23.33	16306.03						15491.49	0.00831071	R	135.52					135.52
03/15	P		1644.00	5.71	9391.66						8922.00	0.00831071	R	78.05					78.05
5283		ARMSTRONG #8H					WV	MARSHALL				GASTAR EXPLORATION USA, INC							
03/15	G		37572.00	1.71	64200.93						54666.14	0.00831071	R	533.56					533.56
03/15	C		1940.70	23.33	45267.07						43003.72	0.00831071	R	376.20					376.20
03/15	P		1991.00	5.71	11374.45						10805.73	0.00831071	R	94.53					94.53
5284		ARMSTRONG #9H					WV	MARSHALL				GASTAR EXPLORATION USA, INC							
03/15	G		26928.00	1.71	46012.84						39178.55	0.00831071	R	382.40					382.40
03/15	C		2278.66	23.33	53150.02						50492.52	0.00831071	R	441.71					441.71
03/15	P		1427.00	5.71	8152.01						7744.41	0.00831071	R	67.75					67.75
5211		SHIELDS NORTH #4H					WV	MARSHALL				GASTAR EXPLORATION USA, INC							
03/15	G		18630.00	1.71	31833.71						27105.46	0.02036817	R	648.40					648.40
03/15	C		473.01	23.33	11033.02						10481.37	0.02036817	R	224.75					224.75
03/15	P		987.00	5.71	5639.89						5357.90	0.02036817	R	114.89					114.89
5212		SHIELDS NORTH #5H					WV	MARSHALL				GASTAR EXPLORATION USA, INC							
03/15	G		29107.00	1.71	49873.26						42465.61	0.02036817	R	1015.83					1015.83
03/15	C		741.06	23.33	17285.32						16421.05	0.02036817	R	352.06					352.06
03/15	P		1547.00	5.71	8835.91						8394.11	0.02036817	R	179.97					179.97
5213		SHIELDS NORTH #6H					WV	MARSHALL				GASTAR EXPLORATION USA, INC							
03/15	G		4093.00	1.71	6993.32						5954.59	0.02036817	R	142.44					142.44
03/15	C		213.41	23.33	4977.81						4728.92	0.02036817	R	101.39					101.39

PRD: O - Oil / G - Gas / C - Condensate / P - Plant Product / LU - Lease Use / NGL - Natural Gas Liquids
NP/NPI - Net Profit / ERG - Excess Royalty Gas / ERO - Excess Royalty Oil

PAYEE: DETACH THIS STATEMENT BEFORE DEPOSITING

GAST 44420

EXHIBIT E

LOGGED IN 6-2-15 VP

GASTAR EXPLORATION INC.
1331 Lamar, Suite 650
Houston, TX 77010
(713) 739-1800

OWNER NAME	OWNER NO.	CHECK DATE	CHECK NUMBER	AMOUNT
MARCELLUS TX MINERAL PRTNR LTD	6095	May 28, 2015	644420	$14,822.04

PROPERTY I / SALE MO YR	P R D	PROPERTY NAME	ST	COUNTY	OPERATOR NAME	BBL/ MCF	BTU/ GRAV	PRICE	GROSS VALUE	GROSS TAXES	GROSS DEDUCTS	NET VALUE	DECIMAL INTEREST	INT TYP	OWNER GROSS VALUE	TAX CODE	OWNER STATE TAX	DED CODE	DEDUCTIONS	OWNER NET VALUE
03/15 P						217.00	5.71		1239.00			1177.05	0.02036817	R	25.22					25.22
5214		SHIELDS NORTH #7H	WV	MARSHALL	GASTAR EXPLORATION USA, INC															
03/15 G						15019.00	1.71		25663.40			21051.55	0.02036817	R	522.71					522.71
03/15 C						783.18	23.33		18267.77			17354.38	0.02036817	R	372.09					372.09
5214		SHIELDS NORTH #7H	WV	MARSHALL	GASTAR EXPLORATION USA, INC															
03/15 P						796.00	5.71		4546.87			4319.53	0.02036817	R	92.62					92.62
5215		SHIELDS NORTH #8H	WV	MARSHALL	GASTAR EXPLORATION USA, INC															
03/15 G						15019.00	1.71		25663.40			21051.55	0.02036817	R	522.71					522.71
03/15 C						783.17	23.33		18267.54			17354.16	0.02036817	R	372.08					372.08
03/15 P						796.00	5.71		4546.87			4319.53	0.02036817	R	92.62					92.62
5217		SHIELDS SOUTH #10H	WV	MARSHALL	GASTAR EXPLORATION USA, INC															
03/15 G						22711.00	1.71		38807.32			33043.30	0.02036817	R	790.42					790.42
03/15 C						445.84	23.33		10399.27			9879.31	0.02036817	R	211.83					211.83
03/15 P						1204.00	5.71		6875.36			6531.59	0.02036817	R	140.04					140.04
5208		SHIELDS SOUTH #1H	WV	MARSHALL	GASTAR EXPLORATION USA, INC															
03/15 G						15580.00	1.71		26622.82			22668.59	0.02036817	R	542.27					542.27
03/15 C						360.96	23.33		8419.44			7998.47	0.02036817	R	171.48					171.48
03/15 P						826.00	5.71		4716.64			4480.81	0.02036817	R	96.06					96.06
5209		SHIELDS SOUTH #2H	WV	MARSHALL	GASTAR EXPLORATION USA, INC															
03/15 G						14969.00	1.71		25570.52			21779.36	0.02036817	R	520.98					520.98
03/15 C						346.80	23.33		8089.15			7684.69	0.02036817	R	164.75					164.75
03/15 P						793.00	5.71		4531.68			4305.10	0.02036817	R	92.32					92.32
5210		SHIELDS SOUTH #3H	WV	MARSHALL	GASTAR EXPLORATION USA, INC															
03/15 G						14286.00	1.71		24408.42			20782.97	0.02036817	R	497.18					497.18
03/15 C						362.69	23.33		8459.79			8036.80	0.02036817	R	172.32					172.32
03/15 P						757.00	5.71		4324.40			4108.26	0.02036817	R	88.09					88.09
5216		SHIELDS SOUTH #9H	WV	MARSHALL	GASTAR EXPLORATION USA, INC															
03/15 G						15139.00	1.71		25869.53			22027.18	0.02036817	R	526.91					526.91
03/15 C						297.20	23.33		6932.23			6585.62	0.02036817	R	141.20					141.20
03/15 P						802.00	5.71		4583.21			4354.05	0.02036817	R	93.34					93.34
Total of this check									1140346.00	0.00	0.00	1022028.22			14822.04		0.00		0.00	14822.04
Year to date															80911.77		0.00		0.00	80911.77

Tax and deduction codes:

PRD: O - Oil / G - Gas / C - Condensate / P - Plant Product / LU - Lease Use / NGL - Natural Gas Liquids
NP/NPI - Net Profit / ERG - Excess Royalty Gas / ERO - Excess Royalty Oil

IN THE CIRCUIT COURT OF MARSHALL COUNTY, WEST VIRGINIA

PennMarc Resources II, LP, Appalachian Basin Minerals, LP, McCrow Energy Partners II, LLC, Wildes Mineral Interests, LLC, Marcellus Tx Mineral Partners, Ltd., Prairie Mineral Company, LLC, Purpleburgh Ventures, LLC, JMK Irrevocable Trust Dated April 4, 2005, and Amended on July 2, 2013, Venable Royalty, Ltd., Venro Ltd., Sharon Midcap, Michael West, Lloyd Richard Oliver and Deanna Oliver, Ronald Goddard, Ronald W. Goddard, Francis R. Goddard, Wayne Goddard, Janet Bullis, Paulette Parker, Judy Prock, Bruce Goddard, Sr., Sarah Lynn Moxley, Susan Gordon, Kenneth Alan Goddard, Harry C. Crone, Jerry J. Crone, Donald P. Crone, Richard P. Crone, Susan Goddard Martin, Paul D. Crone, Phyllis Welcher, Bobby D. Crone, Wanda Sue Sayers, Woodrow Bailey, Karen L. Campbell, and Shelton Goddard	)	Case No. 17-C-214 Judge Jeffrey Cramer
Plaintiffs,	)	
v.	)	
Gastar Exploration USA, Inc., Gastar Exploration, Inc., Gastar Exploration Texas LP, TH Exploration II, LLC, and Tug Hill Operating, LLC,	)	
Defendants.	)	

FILED
2019 JUL 23 PM 12: 11
JOSEPH M. RUCKI

ORDER

On Friday, March 23, 2018, the above-captioned parties appeared before the Court by and through counsel at a hearing on TH Exploration II, LLC, Tug Hill Operating, LLC, Gastar Exploration USA, Inc., Gastar Exploration Inc., and Gastar Exploration Texas LP's ("Defendants") Motions to Dismiss and to Compel Arbitration. Plaintiffs opposed the Motions.

After considering the documents filed by each party, as well as the oral arguments presented at the hearing, the Court GRANTS Defendants' Motions to Dismiss and to Compel Arbitration and FINDS and ORDERS as follows:

1. Plaintiffs Ronald Goddard; Ronald W. Goddard; Francis R. Goddard; Wayne Goddard; Janet Bullis; Paulette Parker; Judy Prock; Bruce Goddard, Sr.; Sarah Lynn Moxley; Susan Gordon; Kenneth Alan Goddard; Harry C. Crone; Jerry J. Crone; Donald P. Crone; Richard P. Crone; Susan Goddard Martin; Paul D. Crone; Phyllis Welcher; Bobby D. Crone; Wanda Sue Sayers; Woodrow Bailey; Karen L. Campbell; and Arthur Shelton Goddard brought claims relating to leases with Chesapeake Appalachia, L.L.C. (the "Chesapeake Leases"), which contain the following arbitration provision:

> In the event of a disagreement between Lessor and Lessee concerning the Lease, performance thereunder, or damages caused by Lessee's operations, the resolution of all such disputes shall be determined by arbitration in accordance with the rules of the American Arbitration Association. All fees and costs associated with the arbitration shall be borne equally by Lessor and Lessee.

These Plaintiffs are referred to herein as the "Chesapeake Plaintiffs."

2. Plaintiffs Lloyd Richard Oliver and Michael L. West brought claims relating to leases with TriEnergy Inc. or TriEnergy Holdings, LLC (the "TriEnergy Leases") which contain the following arbitration provision:

> Any question concerning this lease or performance thereunder shall be ascertained and determined by three disinterested arbitrators, one thereof to be appointed by the Lessor, one by the Lessee, and the third by the two so appointed as aforesaid, and the award of such three persons shall be final and conclusive. The cost of such arbitration will be borne equally by the parties.

These Plaintiffs are referred to herein as the "TriEnergy Plaintiffs."

3. Plaintiffs Sharon Midcap; PennMarc Resources, II, LP; Appalachian Basin Minerals, LP; McCrow Energy Partners II, LLC; Wildes Mineral Interests, LLC; Marcellus Tx

Mineral Partners, Ltd.; Prairie Mineral Interests, LLC; Purpleburgh Ventures, LLC; JMK Irrevocable Trust dated April 5, 2005 and Amended on July 2, 2013; Venable Royalty Ltd.; and Venro, Ltd. brought claims relating to leases with Gastar Exploration USA, Inc (the "Gastar Leases") which contain the following "Breach or Default" notice provision:

> In the event Lessor considers that Lessee has not complied with the express or implied obligations of this Lease, Lessor shall notify Lessee in writing of the facts relied on as constituting a breach of the obligations. Lessee shall then have sixty (60) days after receipt of that notice within which to meet or commence to meet all or any part of the breaches alleged by Lessor. The service of the notice shall be precedent to the bringing of any action by Lessor for any cause, and no action shall be brought until the lapse of sixty (60) days after service of the notice on Lessee.

These Plaintiffs are referred to herein as the "Gastar Plaintiffs."

4. The Court finds that controlling precedent of the Supreme Court of Appeals of West Virginia requires that Plaintiffs' claims concerning leases which contain arbitration provisions in the form present in this case must be compelled to arbitration. *See Chevron U.S.A. Inc. v. Bonar,* No. 16-1213, 2018 WL 871567, at *6 (W. Va. Feb. 14, 2018) (enforcing an arbitration provision identical to the TriEnergy Leases' arbitration provisions); *SWN Prod. Co., LLC v. Long*, No. 16-1131, 2017 WL 5328725, at *2 (W. Va. Nov. 7, 2017) (enforcing arbitration provision with language identical to the Chesapeake Leases' arbitration provisions); *see also Dytko v. Chesapeake Appalachia, LLC*, No. 5:13-cv-150, 2014 WL 2440496, at *3 (N.D.W. Va. May 30, 2014) (holding that an arbitration provision identical to the Chesapeake Leases' arbitration provision was clear and unambiguous, and none of the other clauses in the lease rendered the arbitration provision ambiguous); *Heller v. TriEnergy, Inc.*, 877 F.Supp.2d 414, 421 (N.D.W. Va. 2012) (holding that an arbitration provision identical to the TriEnergy Leases' arbitration provision was "a clear, unambiguous, and broad arbitration provision covering all disputes that might arise between the parties").

5. The Court hereby grants Defendants' Motions to Compel as to Plaintiffs' claims relating to the Chesapeake and TriEnergy Leases, and dismisses all claims of the Chesapeake and TriEnergy Plaintiffs to be resolved by arbitration.

6. The Court also finds that the Gastar Plaintiffs failed to provide written notice of any alleged breach at least 60 days prior to filing suit as the Gastar Leases required. This Court considers the case of *Stricklin v. Fortuna Energy* persuasive, in which the United States District Court for the Northern District of West Virginia held that a lease's notice provision is a condition precedent that must be satisfied before bringing any lawsuit asserting that lessees have not met their obligations under the lease, because to allow Plaintiffs to proceed despite their non-compliance with the notice provision would be prejudicial to Defendants. No. 5:12CV8, 2014 WL 2619587, at *2 (N.D.W. Va. June 12, 2014).

7. The Court hereby grants Defendants' Motions to Dismiss as to the Gastar Plaintiffs' claims due to their failure to comply with the Gastar Leases' notice provision prior to bringing this action and dismisses without prejudice the Gastar Plaintiffs' claims.

WHEREFORE, all of the Chesapeake, TriEnergy, and Gastar Plaintiffs' claims are hereby DISMISSED WITHOUT PREJUDICE and the Chesapeake and TriEnergy Plaintiffs' claims are hereby COMPELLED TO ARBITRATION.

ORDERED this 23RD day of July, 2018.

Chief Judge Jeffrey Cramer
2nd Judicial Circuit

Presented by:

/s/ Thomas C. Ryan
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J. Nicholas Ranjan (WVSB # 12946)

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Southern District of Texas Claims Register

18-36057 Gastar Exploration, Inc. and Northwest Property Ventures LLC **Closed** 03/29/2019

Judge: Marvin Isgur	**Chapter:** 11
Office: Houston	**Last Date to file claims:**
Trustee:	**Last Date to file (Govt):**

Creditor: (10634982) Susan Gordon Law Office of William B. Kingman, P.C. 3511 Broadway San Antonio, TX 78209	**Claim No: 34** *Original Filed Date*: 04/10/2019 *Original Entered Date*: 04/10/2019	*Status:* *Filed by:* CR *Entered by:* BMC Group Inc *Modified:*

Amount claimed:	$7408.70
Secured claimed:	$0.00
Priority claimed:	$0.00

History:

Details	34-1	04/10/2019 Claim #34 filed by Susan Gordon, Amount claimed: $7408.70 (BMC Group Inc)

Description: (34-1) See Exhibit A

Remarks: (34-1) Claim filed with BMC Group on 12/20/18

Claims Register Summary

Case Name: Gastar Exploration, Inc. and Northwest Property Ventures LLC
Case Number: 18-36057
Chapter: 11
Date Filed: 10/31/2018
Total Number Of Claims: 1

Total Amount Claimed*	$7408.70
Total Amount Allowed*	

*Includes general unsecured claims

The values are reflective of the data entered. Always refer to claim documents for actual amounts.

	Claimed	Allowed
Secured	$0.00	
Priority	$0.00	
Administrative		