

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 051 - 01891 County Marshall District Franklin
Quad Powhatan Point 7.5' Pad Name Greer Field/Pool Name _____
Farm name PPG Industries, Inc. Well Number 1N-8HM
Operator (as registered with the OOG) Tug Hill Operating, LLC
Address 1320 South University Drive, Suite 500 City Ft. Worth State TX Zip 76107

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,400,806.2 Easting 514,018.1
Landing Point of Curve Northing 4,400,830.8 Easting 513,962.4
Bottom Hole Northing 4,403,059.5 Easting 512,682.4

Elevation (ft) 1,251' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
SOBM; Base oil, osmotic inhibitor, weighting agent, viscosifier, emulsifier, hardness buffer, fluid loss additive, LCM, shale inhibitor, de-foamer, soaping agent, coagulant, flocculant; Specific additives per WSSP and Permit.

Date permit issued 1/23/2017 Date drilling commenced 4/24/2017 Date drilling ceased 7/20/2017
Date completion activities began 12/12/2017 Date completion activities ceased 3/4/2018
Verbal plugging (Y/N) n/a Date permission granted n/a Granted by n/a

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 70' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1600' Void(s) encountered (Y/N) depths N
Coal depth(s) ft Sewickley 785' TVD, Pittsburgh 879' TVD Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed
Jan Nibbel 10/23/18

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API 47-051 - 01891 Farm name PPG Industries, Inc. Well number 1N-8HM

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	36	30	120	NEW	94.5#	N/A	YES
Surface	17 1/2	13 3/8	946	NEW	54.5#	N/A	YES
Coal	17 1/2	13 3/8	946	NEW	54.5#	N/A	YES
Intermediate 1	12 1/4	9 5/8	2617	NEW	36#	N/A	YES
Intermediate 2							
Intermediate 3							
Production	8 3/4	5 1/2	15,191	NEW	20#	N/A	YES
Tubing		2 3/8	6501	NEW	4.7#	N/A	
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	A	375	15.6	1.19	446	0	8
Surface	A	1050	15.6	1.19	1249	0	8
Coal	A	1050	15.6	1.19	1249	0	8
Intermediate 1	A	890	15.6	1.19	1059	0	8
Intermediate 2							
Intermediate 3							
Production	A	3069	14.5	1.17	3591	0	8
Tubing							

Drillers TD (ft) 15,205 Loggers TD (ft) _____
 Deepest formation penetrated Marcellus Plug back to (ft) n/a
 Plug back procedure n/a

Kick off depth (ft) 5528

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING 3 centralizers on surface casing at equal distance.
Intermediate - 1 centralizer every other joint
Production - one centralizer every other joint in lateral, one centralizer every joint through curve, one centralizer every other joint to surface.

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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API 47- 051 - 01891 Farm name PPG Industries, Inc. Well number 1N-8HM

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	see attached				

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
	attached							

Please insert additional pages as applicable.

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**Greer 1N-8HM
Perforation Record**

Stage	Date Perforated	Bottom Perf (ft)	Top Perf (ft)	Number of Perfs	Formation
1	12/12/2017	15,095	15,047	2	Marcellus
2	12/12/2018	14,922	14,776	48	Marcellus
3	12/12/2018	14,747	14,601	48	Marcellus
4	12/12/2018	14,572	14,426	48	Marcellus
5	12/13/2018	14,397	14,251	48	Marcellus
6	12/16/2018	14,222	14,076	48	Marcellus
7	12/16/2018	14,047	13,901	48	Marcellus
8	12/18/2018	13,872	13,726	48	Marcellus
9	12/21/2018	13,697	13,551	48	Marcellus
10	12/21/2018	13,522	13,376	48	Marcellus
11	12/23/2018	13,347	13,201	48	Marcellus
12	12/27/2018	13,172	13,026	48	Marcellus
13	12/30/2018	12,997	12,851	48	Marcellus
14	1/2/2018	12,822	12,676	48	Marcellus
15	1/4/2018	12,647	12,501	48	Marcellus
16	1/7/2018	12,472	12,326	48	Marcellus
17	1/9/2018	12,297	12,151	48	Marcellus
18	1/10/2018	12,122	11,976	48	Marcellus
19	1/12/2018	11,947	11,801	48	Marcellus
20	1/12/2018	11,772	11,626	48	Marcellus
21	1/19/2018	11,597	11,451	48	Marcellus
22	1/20/2018	11,422	11,276	48	Marcellus
23	1/24/2018	11,247	11,101	48	Marcellus
24	1/25/2018	11,072	10,926	48	Marcellus
25	1/25/2018	10,897	10,751	48	Marcellus
26	1/28/2018	10,722	10,576	48	Marcellus
27	1/29/2018	10,547	10,401	48	Marcellus
28	1/31/2018	10,372	10,226	48	Marcellus
29	2/2/2018	10,197	10,051	48	Marcellus
30	2/4/2018	10,022	9,876	48	Marcellus
31	2/5/2018	9,847	9,701	48	Marcellus
32	2/6/2018	9,672	9,526	48	Marcellus
33	2/9/2018	9,497	9,351	48	Marcellus
34	2/11/2018	9,322	9,176	48	Marcellus
35	2/12/2018	9,147	9,001	48	Marcellus
36	2/14/2018	8,972	8,826	48	Marcellus
37	2/14/2018	8,797	8,651	48	Marcellus
38	2/17/2018	8,622	8,476	48	Marcellus
39	2/18/2018	8,447	8,301	48	Marcellus
40	2/19/2018	8,272	8,126	48	Marcellus
41	2/21/2018	8,097	7,951	48	Marcellus
42	2/22/2018	7,922	7,776	48	Marcellus
43	2/23/2018	7,747	7,601	48	Marcellus
44	2/25/2018	7,572	7,426	48	Marcellus
45	2/26/2018	7,397	7,251	48	Marcellus
46	3/1/2018	7,222	7,076	48	Marcellus

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**Greer 1N-8HM
Perforation Record**

47	3/3/2018	7,047	6,901	48	Marcellus
48	3/4/2018	6,872	6,726	48	Marcellus

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**Stimulation Summary
Greer 1N-8HM**

Stage	Avg. Pump Rate (BPM)	Avg. Treating Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Proppant Total (lbs)	Water Total (lbs)	N2 Volume (scf)
1	74.4	7,908	4,593	3,017	344,260	12,633	0
2	81.3	8,143	5,480	6,256	345,712	9,345	0
3	88.1	8,129	4,263	3,023	343,781	7,771	0
4	90.2	8,258	5,111	2,975	451,440	8,621	0
5	89.7	8,111	5,077	3,219	450,700	8,639	0
6	90.1	8,083	5,421	3,374	451,448	8,584	0
7	89.8	8,157	5,448	3,331	452,518	8,676	0
8	88.8	8,126	5,468	3,392	450,515	8,591	0
9	85.7	7,946	6,295	3,843	357,756	9,351	0
10	88.1	8,096	5,133	3,616	450,610	8,586	0
11	84.1	7,672	4,882	4,154	450,985	9,138	0
12	87.3	8,104	5,024	3,385	442,181	8,380	0
13	86.9	7,890	6,042	3,631	450,660	9,113	0
14	82.5	8,350	5,631	3,939	440,143	10,723	0
15	89.9	7,876	5,235	3,616	449,966	8,587	0
16	89.5	7,809	4,701	3,727	449,343	8,530	0
17	85.9	7,913	4,998	3,237	450,265	8,555	0
18	89.7	7,743	5,572	3,679	451,218	8,596	0
19	88.6	7,605	6,046	3,690	451,765	8,595	0
20	84.9	7,479	5,698	3,632	450,280	8,465	0
21	87.5	7,821	6,323	3,773	443,564	9,729	0
22	89.6	7,762	5,439	3,592	450,296	8,683	0
23	87.6	7,523	5,225	3,332	449,998	8,750	0
24	88.2	7,464	5,232	3,458	451,115	8,793	0
25	87.7	7,429	5,497	3,574	449,613	8,532	0
26	88.8	7,460	5,626	3,503	449,900	8,676	0
27	90.1	7,457	5,895	3,447	451,960	8,402	0
28	89.1	7,398	5,587	3,788	450,020	8,585	0
29	87.7	7,326	5,600	3,686	448,921	8,724	0
30	87.8	7,143	5,176	3,582	450,483	8,609	0
31	87.9	7,033	5,146	3,777	455,437	8,780	0
32	88.4	7,167	5,374	3,721	450,111	8,464	0
33	89.7	7,019	5,413	3,720	450,596	8,560	0
34	89.3	7,116	5,039	3,562	450,153	8,673	0
35	88.1	7,157	5,340	3,591	450,199	8,383	0
36	88.7	7,084	5,706	4,095	450,647	8,605	0
37	88.5	7,049	5,387	4,103	450,449	8,333	0

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**Stimulation Summary
Greer 1N-8HM**

38	88.2	7,015	5,156	3,670	450,241	8,473	0
39	89.8	6,980	4,966	3,572	450,673	8,665	0
40	88.5	6,946	6,818	3,622	449,546	8,411	0
41	85.8	6,911	6,514	3,833	403,394	8,020	0

89	6876.788235	5379	3912	451911	8447.214286
89.6	6842.281793	5824	3675	436154	8260.333333
89.5	6807.77535	6878	3571	443529	8637.97619
89.8	6773.268908	5675	3677	450609	8597.595238
89.8	6738.762465	5354	3858	449579	8531.047619
88.8	6704.256022	5349	4563	450970	8900.02381
89.9	6669.74958	6074	4524	451860	7893.904762

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**Greer 1N-8HM
Lithology/Formation Information**

FORMATION	TOP TVD	BASE TVD	TOP MD	BASE MD	DESCRIBE ROCKY TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H2S ETC)
Maxton	1857	1929	1857	1930	Sandstone
Big Lime	1929	2038	1930	2039	Limestone
Big Injun	2038	2346	2039	2347	Sandstone
Weir	2346	2536	2347	2537	Sandstone
Berea	2536	2854	2537	2856	Sandstone
Gordon	2854	2956	2856	2958	Sandstone
Fifty Foot	2956	3529	2958	3531	Sandstone
Speechley	3529	4865	3531	4903	Sandstone
Benson	4865	5234	4903	5296	Sandstone
Alexander	5234	5854	5296	5947	Siltstone
Rhinestreet	5854	6216	5947	6385	Black shale
Middlesex	6216	6302	6385	6549	Black shale
Geneseo/Burkett	6302	6344	6549	6652	Black shale
Tully	6344	6364	6652	6719	Limestone
Hamilton	6364	6375	6719	6759	Grey shale
Marcellus	6375	-	6759	-	Black shale

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	12/11/2017
Job End Date:	3/7/2018
State:	West Virginia
County:	Marshall
API Number:	47-051-01891-00-00
Operator Name:	Tug Hill Operating, LLC
Well Name and Number:	Greer 1N-8HM
Latitude:	39.75707400
Longitude:	-80.83631700
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,422
Total Base Water Volume (gal):	17,940,174
Total Base Non Water Volume:	0



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Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Operator	Base Fluid					
			Water	7732-18-5	100.00000	86.73703	Density = 8.340
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.95608	

SAND-PREMIUM WHITE-40/70, BULK	Halliburton	Proppant					
				Listed Below			
SCALECHEK LP-70	Halliburton	Scale Inhibitor					
				Listed Below			
SAND-COMMON WHITE-100 MESH, SSA-2, BULK (100003676)	Halliburton	Proppant					
				Listed Below			
MC B-8614	Halliburton	Biocide					
				Listed Below			
HYDROCHLORIC ACID	Halliburton	Solvent					
				Listed Below			
SAND-PREMIUM WHITE-30/50 BULK	Halliburton	Proppant					
				Listed Below			
OILPERM A	Halliburton	Non-ionic Surfactant					
				Listed Below			
SCALECHEK LP-50	Halliburton	Scale Inhibitor					

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				Listed Below			RECEIVED Office of Oil and Gas
FR-76	Halliburton	Friction Reducer					SEP 10 2018
				Listed Below			WV Department of Environmental Protection
HAI-OS ACID INHIBITOR	Halliburton	Corrosion Inhibitor					
				Listed Below			

Items above are Trade Names with the exception of Base Water . Items below are the individual ingredients.

			Crystalline silica, quartz	14808-60-7	100.00000	12.24789	
			Hydrochloric acid	7647-01-0	7.50000	0.06411	
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.03338	
			Inorganic salt	Proprietary	30.00000	0.03338	
			Acrylamide acrylate copolymer	Proprietary	30.00000	0.03338	Denise Tuck, Halliburton, 3000 N. Sam Houston Pkwy E., Houston, TX 77032, 281-871-6226
			Glutaraldehyde	111-30-8	30.00000	0.00772	
			Methanol	67-56-1	60.00000	0.00476	
			Ethylene glycol	107-21-1	60.00000	0.00453	
			Phosphate of a Diamine, Sodium Salt	Proprietary	30.00000	0.00433	
			Quaternary ammonium compounds, benzyl-C12- 16-alkyldimethyl chlorides	68424-85-1	5.00000	0.00129	
			Telmer	Proprietary	10.00000	0.00076	
			Ethanol	64-17-5	60.00000	0.00066	
			Oxyalkylated phenolic resin	Proprietary	30.00000	0.00027	
			Heavy aromatic petroleum naphtha	64742-94-5	30.00000	0.00020	
			Fatty acids, tall oil	Proprietary	30.00000	0.00020	

			Modified thiourea polymer	Proprietary	30.00000	0.00020	
			Ethoxylated alcohols	Proprietary	30.00000	0.00020	
			Olefins	Proprietary	5.00000	0.00008	
			Sodium polyacrylate	9003-04-7	1.00000	0.00008	
			Propargyl alcohol	107-19-7	10.00000	0.00007	
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5.00000	0.00003	
			Naphthalene	91-20-3	5.00000	0.00003	
			Phosphoric acid	7664-38-2	0.10000	0.00003	
			1,2,4 Trimethylbenzene	95-63-6	1.00000	0.00001	
			Acrylic acid	79-10-7	0.01000	0.00000	

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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LATITUDE 39° 47' 30" GREER LEASE WELL NO. 1N-8HM 489.798± ACRES

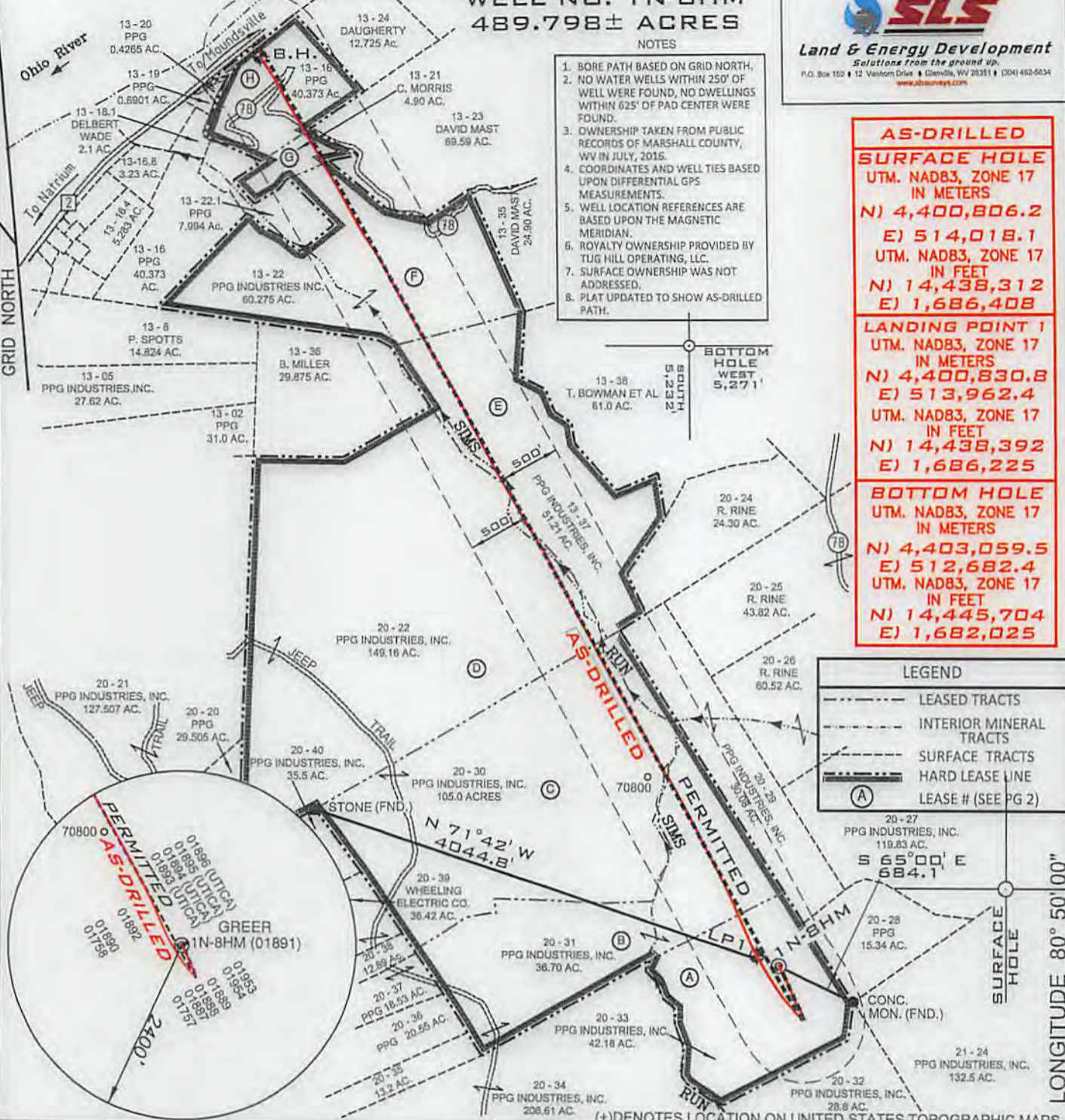


- NOTES
1. BORE PATH BASED ON GRID NORTH.
 2. NO WATER WELLS WITHIN 250' OF WELL WERE FOUND, NO DWELLINGS WITHIN 625' OF PAD CENTER WERE FOUND.
 3. OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV IN JULY, 2015.
 4. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
 5. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
 6. ROYALTY OWNERSHIP PROVIDED BY TUG HILL OPERATING, LLC.
 7. SURFACE OWNERSHIP WAS NOT ADDRESSED.
 8. PLAT UPDATED TO SHOW AS-DRILLED PATH.

AS-DRILLED
SURFACE HOLE
UTM. NAD83, ZONE 17 IN METERS
N) 4,400,806.2
E) 514,018.1
UTM. NAD83, ZONE 17 IN FEET
N) 14,438,312
E) 1,686,408
LANDING POINT 1
UTM. NAD83, ZONE 17 IN METERS
N) 4,400,830.8
E) 513,962.4
UTM. NAD83, ZONE 17 IN FEET
N) 14,438,392
E) 1,686,225
BOTTOM HOLE
UTM. NAD83, ZONE 17 IN METERS
N) 4,403,059.5
E) 512,682.4
UTM. NAD83, ZONE 17 IN FEET
N) 14,445,704
E) 1,682,025

LEGEND

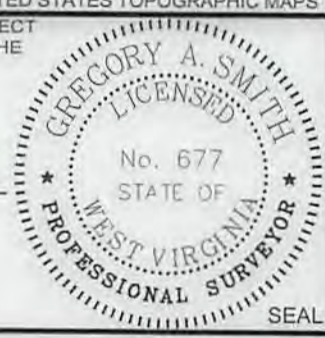
- LEASED TRACTS
- - - INTERIOR MINERAL TRACTS
- - - SURFACE TRACTS
- HARD LEASE LINE
- (A) LEASE # (SEE PG 2)



FILE NUMBER	8837
DRAWING NUMBER	8837ADG1N8HM.dwg
SCALE	1" = 1200'
MINIMUM DEGREE OF ACCURACY	1/2500
PROVEN SOURCE OF ELEVATION	SUBMETER MAPPING GRADE GPS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

P.S. 677
Gregory A. Smith



WVDEP
OFFICE OF OIL & GAS
601 57TH STREET, SE
CHARLESTON, WV 25304

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW

LOCATION ELEVATION 1251' WATERSHED (HUC 10) FRENCH CREEK - OHIO RIVER (UNDEFINED)

DISTRICT FRANKLIN COUNTY MARSHALL

QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER SEE ATTACHED PG 2 THROUGH 5

SURFACE OWNER PPG INDUSTRIES, INC. ACREAGE 42.18

OIL & GAS ROYALTY OWNER PPG INDUSTRIES, INC., ET AL LEASE ACREAGE 489.798

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) ___

TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD 6,396' TMD:15,205'

WELL OPERATOR TUG HILL OPERATING, LLC DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

COUNTY NAME
PERMIT



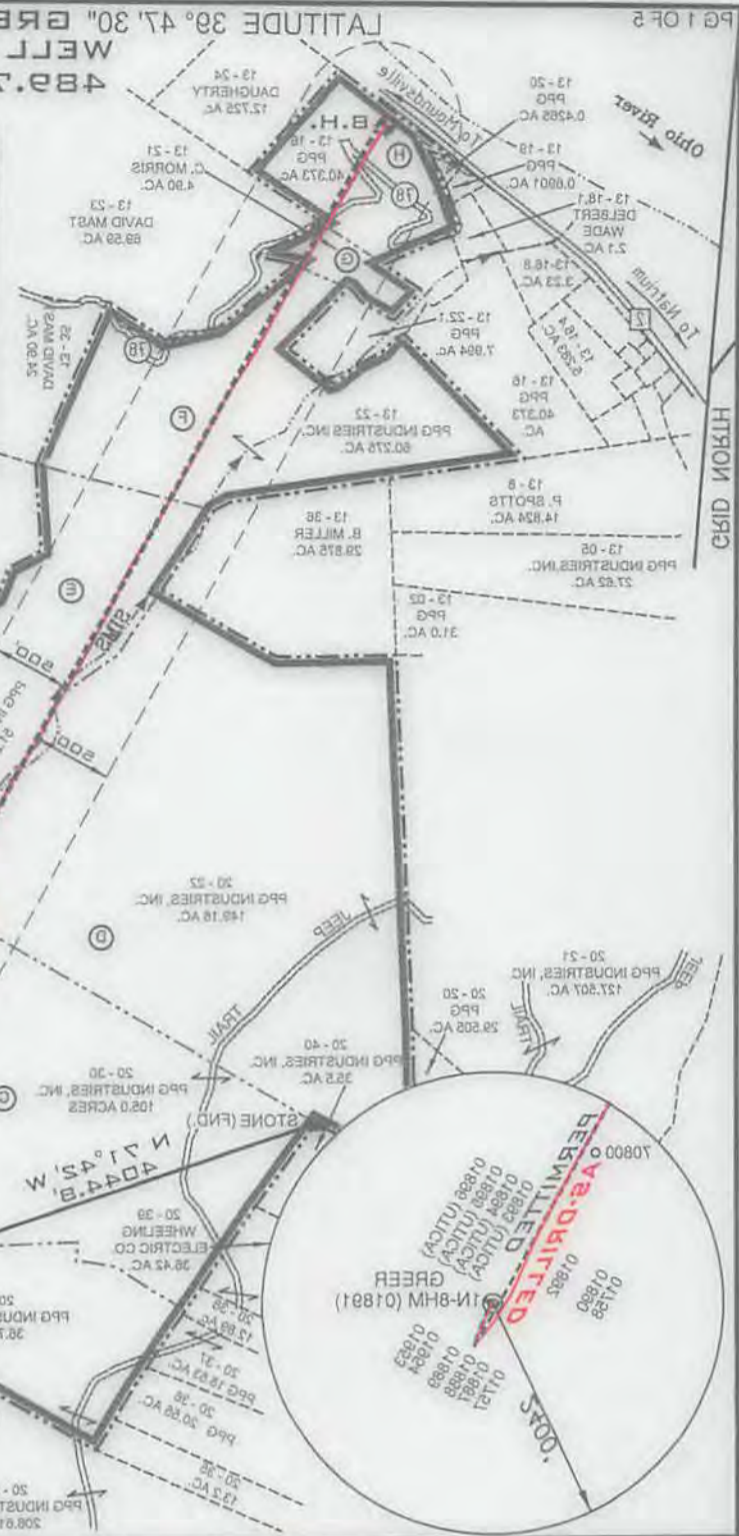
AS-DRIILLED SURFACE HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 (N) 4,400,806.2
 (E) 214,018.1
 UTM. NAD83, ZONE 17
 IN FEET
 (N) 14,438,312
 (E) 1,686,408

LANDING POINT 1
 UTM. NAD83, ZONE 17
 IN METERS
 (N) 4,400,800.8
 (E) 212,992.4
 UTM. NAD83, ZONE 17
 IN FEET
 (N) 14,438,302
 (E) 1,686,222

BOTTOM HOLE
 UTM. NAD83, ZONE 17
 IN METERS
 (N) 4,403,029.2
 (E) 212,682.4
 UTM. NAD83, ZONE 17
 IN FEET
 (N) 14,442,704
 (E) 1,682,022

WELL NO. 11-BHM
 489.798± ACRES
 LATITUDE 39° 47' 30" GREER LEASE

- NOTES
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 4. COORDINATES AND WELL TIES BASED UPON DIFFERENTIAL GPS MEASUREMENTS.
 5. WELL LOCATION REFERENCES ARE BASED UPON THE MAGNETIC MERIDIAN.
 6. ROYALTY OWNERSHIP PROVIDED BY TUG HILL OPERATING, LLC.
 7. SURFACE OWNERSHIP WAS NOT ADDRESSED.
 8. PLAT UPDATED TO SHOW AS-DRIILLED PATH.



LEGEND

- LEASED TRACTS
- INTERIOR MINERAL TRACTS
- SURFACE TRACTS
- HARD LEASE LINE
- LEASE # (SEE PG 2)

CONCORD 80.20.00
 HOGUE



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

Gregory A. Smith

FILE NUMBER	8837
DRAWING NUMBER	8837ADG118HM.dwg
SCALE	1" = 1200'
MINIMUM DEGREE OF ACCURACY	1/2500
PROVEN SOURCE OF ELEVATION	SUBMETER MAPPING
GRADE	GPS



DATE: JULY 17, 2018
 OPERATORS WELL NO. GREER 11-BHM (AS-DRIILLED)
 API WELL NO. 47-051-01891
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION STORAGE DEEP SHALLOW

LOCATION ELEVATION 1251' WATERSHED (HUC 10) FRENCH CREEK - OHIO RIVER (UNDEFINED)
 DISTRICT FRANKLIN COUNTY MARSHALL
 QUADRANGLE POWHATAN POINT 7.5' LEASE NUMBER SEE ATTACHED PG 2 THROUGH 5

SURFACE OWNER PPG INDUSTRIES, INC.
 OIL & GAS ROYALTY OWNER PPG INDUSTRIES, INC. ET AL
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REFRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORMATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY)

TARGET FORMATION MARCELLUS
 WELL OPERATOR TUG HILL OPERATING, LLC
 Address 1320 SOUTH UNIVERSITY DRIVE, SUITE 500 FORT WORTH, TX 76107
 5400 D BIG TYLER ROAD CHARLESTON, WV 25313
 Designated Agent DIANA STAMPER CT CORPORATION SYSTEM

ESTIMATED DEPTH TVD 6,396', TMD: 12,205'
 PLUG & ABANDON CLEAN OUT & REPLUG

COUNTY NAME MARSHALL

**GREER WELL NO. 1N-8HM
WELL PLAT LEASE INFORMATION**

Lease No.	Tag	Parcel	Oil & Gas Royalty Owner	DEED BOOK/PG
10*14316	A	5-20-33	ANDREW GERST	791 645
10*14402	A	5-20-33	CAROL F WILSON AND RICHARD WILSON	860 446
10*14362	A	5-20-33	CAROLYN STARKEY	827 226
10*14331	A	5-20-33	CHRISTINA JEAN RIOUX	796 70
10*14400	A	5-20-33	COLEEN SLAGLE AND FRANKLIN SLAGLE	860 440
10*14419	A	5-20-33	CROSSROAD CHILD AND FAMILY SERVICES	887 105
10*14333	A	5-20-33	DEAN ROTHENBUHLER	796 42
10*14355	A	5-20-33	DEWAYNE STARKEY	815 228
10*14404	A	5-20-33	DON FORGRAVES	862 426
10*14356	A	5-20-33	FREDRIC RICHTER & BETTY RICHTER	822 270
10*14317	A	5-20-33	HAROLD BLACHLY	791 643
10*14410	A	5-20-33	HENRY T LONG	867 385
10*14321	A	5-20-33	HERBERT BLACHLY	792 102
10*14401	A	5-20-33	IMELDA J SCURLOCK	860 443
10*14388	A	5-20-33	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	849 513
10*14319	A	5-20-33	JACK J. PFALZGRAF	792 118
10*14409	A	5-20-33	JAMES C LONG AND PATTI LONG	864 326
10*14312	A	5-20-33	JAMIE LU BENSON	790 531
10*14398	A	5-20-33	JAN KAFFENBERGER	860 434
10*14387	A	5-20-33	JOHN F LONG AND PAM LONG	849 542
10*14405	A	5-20-33	JOHN WHITE	862 423
10*14377	A	5-20-33	JOSEPH A LONG	849 519
10*14368	A	5-20-33	JOSEPH LONG	836 106
10*14413	A	5-20-33	JUANITA SANDIFER	872 206
10*14416	A	5-20-33	KATHERINE ANN WILLIAMS COTHRAN	879 1
10*14394	A	5-20-33	LESLIE F BUCKNOR	862 419
10*14322	A	5-20-33	LOIS KAY MORFORD	792 110
10*14408	A	5-20-33	LORNA M LONG MORGAN	864 323
10*14315	A	5-20-33	MARGARET ROSS	790 527
10*14318	A	5-20-33	MARTHA BLACHLY-CROSS	792 112
10*14332	A	5-20-33	MICHAEL EDWARD BARTH	796 68
10*14300	A	5-20-33	PPG INDUSTRIES, INC.	725 123
10*14328	A	5-20-33	RAE ELLEN STUART	796 38
10*14314	A	5-20-33	RALPH BLACHLY	790 529
10*14399	A	5-20-33	RITA ANN DOEBERT AND RONALD DOEBERT	860 437
10*14327	A	5-20-33	ROBERT D. OKEY	792 646
10*14320	A	5-20-33	SANDRA CHEYNEY	792 91
10*14403	A	5-20-33	SUE WHITE	862 429
10*14313	A	5-20-33	TERRI JEAN GODDARD	790 585
10*14412	A	5-20-33	THE VILLAGE NETWORK	872 203
10*14371	A	5-20-33	THOMAS F LONG AND JENNIFER LONG	842 398
10*14411	A	5-20-33	THOMAS WHITE, ESQ., SPECIAL COMMISSIONER	870 34
10*14329	A	5-20-33	TONDA ROTHENBUHLER	796 40
10*14372	A	5-20-33	UNITED CHURCH HOMES INC	846 408
10*14395	A	5-20-33	WILLIAM V BUCKNOR	862 421
10*16355	A	5-20-33	JAMES P. LONG AND LINDA LONG	904 10
10*15766	A	5-20-33	JOHN J. POZENEL	904 7
10*15762	A	5-20-33	DAWN PETROVICH	904 4
10*16357	A	5-20-33	DEANNA M. CAMPBELL	904 1
10*15760	A	5-20-33	DIEDRE WINGER	903 645
10*16358	A	5-20-33	ANNE MARIE KRAMER	903 648
10*15734	A	5-20-33	GENEVIEVE L. LONG	904 13
10*15761	A	5-20-33	CAMERON CEMETERY ASSOCIATION	903 642
10*16230	A	5-20-33	TH Exploration, LLC	900 134
10*15763	A	5-20-33	BONNIE J. SELDERS	904 34
10*16356	A	5-20-33	DARYL S. BUCKNOR	904 31
10*15765	A	5-20-33	JOHN A. BUCKNOR	904 16
10*15764	A	5-20-33	JAMES E. BUCKNOR	904 28
10*14381	A	5-20-33	WILLIAM LONG	792 95
10*14300	B	5-20-31	PPG INDUSTRIES, INC.	725 123
10*14360	C	5-20-30	ALLEN D. MASON	827 276
10*14343	C	5-20-30	BARBARA METZNER	799 459
10*14366	C	5-20-30	CARRIE E METZGER FKA CARRIE EL	833 527
10*14358	C	5-20-30	CHRIS H. STEVENSON	827 282
10*14367	C	5-20-30	CHRISTINA CHAMBERS	836 123
10*14363	C	5-20-30	CHRISTINA I. CHILCOTE	827 525
10*14311	C	5-20-30	COLLIN A. WILLISON III	789 577
10*14365	C	5-20-30	DAN J. SWOVELAND	827 523
10*14414	C	5-20-30	DAVID C WHITE, ESQ., SPECIAL COMMISSIONER	872 217

WELL OPERATOR TUG HILL OPERATING, LLC
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500
FORT WORTH, TX 76107

DESIGNATED AGENT DIANNA STAMPER
CT CORPORATION SYSTEM
ADDRESS 5400 D BIG TYLER ROAD
CHARLESTON, WV 25313

WELL PLAT LEASE INFORMATION
GREER WELL NO. 11-BHM

Lease No.	Tag	Parcel	Oil & Gas Royalty Owner	DEED BOOK/Pg
10*14414	C	2-50-30	DAVID C WHITE, ESQ., SPECIAL COMMISSIONER	872
10*14365	C	2-50-30	DAN J. SWOVELAND	857
10*14311	C	2-50-30	COLLIN A. WILLSON III	789
10*14363	C	2-50-30	CHRISTINA I. CHILCOTE	857
10*14367	C	2-50-30	CHRISTINA CHAMBERS	836
10*14328	C	2-50-30	CHRIS H. STEVENSON	857
10*14366	C	2-50-30	CARRIE E METZGER FKA CARRIE E	833
10*14343	C	2-50-30	BARBARA METZNER	799
10*14360	C	2-50-30	ALLEN D. MASON	857
10*14300	B	2-50-31	PPG INDUSTRIES, INC.	752
10*14381	A	2-50-33	WILLIAM LONG	795
10*15764	A	2-50-33	JAMES E. BUCKNOR	904
10*15765	A	2-50-33	JOHN A. BUCKNOR	904
10*16326	A	2-50-33	DARYL S. BUCKNOR	904
10*15763	A	2-50-33	BONNIE J. SELDERS	904
10*16230	A	2-50-33	TH Exploration, LLC	900
10*15761	A	2-50-33	CAMERON CEMETERY ASSOCIATION	903
10*15734	A	2-50-33	GENEVIEVE L. LONG	904
10*16328	A	2-50-33	ANNE MARIE KRAMER	903
10*15760	A	2-50-33	DIEDRE WINGER	903
10*16327	A	2-50-33	DEANNA M. CAMPBELL	904
10*15762	A	2-50-33	DAWN PETROVICH	904
10*15766	A	2-50-33	JOHN J. POZANEL	904
10*16325	A	2-50-33	JAMES P. LONG AND LINDA LONG	904
10*14392	A	2-50-33	WILLIAM V. BUCKNOR	862
10*14375	A	2-50-33	UNITED CHURCH HOMES INC	846
10*14329	A	2-50-33	TONDA ROTHENBUHLER	796
10*14411	A	2-50-33	THOMAS WHITE, ESQ., SPECIAL COMMISSIONER	870
10*14371	A	2-50-33	THOMAS F. LONG AND JENNIFER LONG	842
10*14412	A	2-50-33	THE VILLAGE NETWORK	872
10*14313	A	2-50-33	TERRI LEAN GODDARD	790
10*14403	A	2-50-33	SUE WHITE	862
10*14320	A	2-50-33	SANDRA CHEVNEY	795
10*14327	A	2-50-33	ROBERT D. OKY	795
10*14399	A	2-50-33	RITA ANN DOBERT AND RONALD DOBERT	860
10*14314	A	2-50-33	RALPH BLACHLY	790
10*14328	A	2-50-33	RAE ELLEN STUART	796
10*14300	A	2-50-33	PPG INDUSTRIES, INC.	752
10*14325	A	2-50-33	MICHAEL EDWARD BARTH	796
10*14318	A	2-50-33	MARTHA BLACHLY-CROSS	795
10*14312	A	2-50-33	MARGARET ROSS	790
10*14408	A	2-50-33	LORNA M. LONG MORGAN	864
10*14322	A	2-50-33	LOIS KAY MORFORD	795
10*14394	A	2-50-33	LESLIE F. BUCKNOR	862
10*14416	A	2-50-33	KATHERINE ANN WILLIAMS COHRAN	879
10*14413	A	2-50-33	JUANITA SANDIFER	872
10*14368	A	2-50-33	JOSEPH LONG	836
10*14377	A	2-50-33	JOSEPH A. LONG	849
10*14402	A	2-50-33	JOHN WHITE	862
10*14387	A	2-50-33	JOHN F. LONG AND PAM LONG	849
10*14398	A	2-50-33	JAN KAFFENBERGER	860
10*14315	A	2-50-33	JAMIE LU BENSON	790
10*14409	A	2-50-33	JAMES C. LONG AND PATTI LONG	864
10*14319	A	2-50-33	JACK J. PFALZGRAF	795
10*14388	A	2-50-33	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	849
10*14401	A	2-50-33	IMELDA J. SCURLOCK	860
10*14321	A	2-50-33	HERBERT BLACHLY	795
10*14410	A	2-50-33	HENRY T. LONG	867
10*14317	A	2-50-33	HAROLD BLACHLY	791
10*14326	A	2-50-33	FREDRIC RICHTER & BETTY RICHTER	852
10*14404	A	2-50-33	DON FORGRAVES	862
10*14322	A	2-50-33	DEWAYNE STARKY	812
10*14333	A	2-50-33	DEAN ROTHENBUHLER	796
10*14419	A	2-50-33	GROSSROAD CHILD AND FAMILY SERVICES	887
10*14400	A	2-50-33	COLEEN SLAGLE AND FRANKLIN SLAGLE	860
10*14331	A	2-50-33	CHRISTINA JEAN RIOUX	796
10*14362	A	2-50-33	CAROLYN STARKY	857
10*14402	A	2-50-33	CAROL F. WILSON AND RICHARD WILSON	860
10*14316	A	2-50-33	ANDREW GERST	791

WELL OPERATOR TUG HILL OPERATING, LLC
 Address 1320 SOUTH UNIVERSITY DRIVE, SUITE 500
 FORT WORTH, TX 76102
 DESIGNATED AGENT
 DIANNA STAMPER
 CT CORPORATION SYSTEM
 Address 5400 D BIG TYLER ROAD
 CHARLESTON, WV 25313

**GREER WELL NO. 1N-BHM
WELL PLAT LEASE INFORMATION**

Lease No.	Tag	Parcel	Oil & Gas Royalty Owner	DEED BOOK/PG
10*14364	C	5-20-30	DAWN M. LAEMMIE	827 521
10*14342	C	5-20-30	FLORENCE L. MYERS	799 457
10*14348	C	5-20-30	GEORGEANN TIPPY	803 152
10*14349	C	5-20-30	HOWARD A. BROWN	805 98
10*14339	C	5-20-30	JOANN FRAZIER	799 59
10*14323	C	5-20-30	JODY ELIZONDO	792 93
10*14357	C	5-20-30	JORLENE POST	827 280
10*14340	C	5-20-30	JOSEPH CHAMBERS	799 450
10*14353	C	5-20-30	KARI B. MARMIE	809 515
10*14346	C	5-20-30	LAURA GLASSNER	800 406
10*14330	C	5-20-30	LETITIA TEMPLE	799 465
10*14338	C	5-20-30	LOIS JEAN MYERS	797 189
10*14359	C	5-20-30	LUCYBELLE WELDON	827 278
10*14344	C	5-20-30	LYNNETTE L. KUGLER	799 461
10*14336	C	5-20-30	MARSHA L. SCHON	797 198
10*14335	C	5-20-30	MARY C. JOSEPH	797 196
10*14351	C	5-20-30	NORA WEBB	805 78
10*14300	C	5-20-30	PPG INDUSTRIES, INC.	725 123
10*14350	C	5-20-30	RAE JEAN NAMETH	805 80
10*14341	C	5-20-30	ROBERT MARMIE	799 455
10*14361	C	5-20-30	RODNEY K. CHAMBERS	827 271
10*14345	C	5-20-30	SHARON D. GREEN	799 463
10*14334	C	5-20-30	STANLEY RICHMOND	796 62
10*14347	C	5-20-30	TERRY I. CHAMBERS	800 404
10*14354	C	5-20-30	TRAVIS D. MARMIE	808 491
10*14337	C	5-20-30	WILLIAM M. DOYLE	797 187
10*14352	C	5-20-30	BRIAN K. MARMIE & CAROL L. MARMIE	805 76
10*14300	D	5-20-22	PPG INDUSTRIES, INC.	725 123
10*14922	D	5-20-22	ROGER R WEESE, SPECIAL COMMISSONER	836 488
10*14316	E	5-13-37	ANDREW GERST	849 528
10*14402	E	5-13-37	CAROL F WILSON AND RICHARD WILSON	860 446
10*14362	E	5-13-37	CAROLYN STARKEY	849 554
10*14331	E	5-13-37	CHRISTINA JEAN RIOUX	849 556
10*14400	E	5-13-37	COLEEN SLAGLE AND FRANKLIN SLAGLE	860 440
10*14419	E	5-13-37	CROSSROAD CHILD AND FAMILY SERVICES	887 105
10*14333	E	5-13-37	DEAN ROTHENBUHLER	860 430
10*14355	E	5-13-37	DEWAYNE STARKEY	849 560
10*14404	E	5-13-37	DON FORGRAVES	862 426
10*14373	E	5-13-37	FREDRIC RICHTER AND BETTY RICHTER	846 411
10*14317	E	5-13-37	HAROLD BLACHLY	849 538
10*14410	E	5-13-37	HENRY T LONG	867 385
10*14321	E	5-13-37	HERBERT BLACHLY	849 536
10*14401	E	5-13-37	IMELDA J SCURLOCK	860 443
10*14388	E	5-13-37	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	849 513
10*14386	E	5-13-37	JACK J PFALZGRAF	849 540
10*14409	E	5-13-37	JAMES C LONG AND PATTI LONG	864 326
10*14312	E	5-13-37	JAMIE LU BENSON	849 526
10*14398	E	5-13-37	JAN KAFFENBERGER	860 434
10*14387	E	5-13-37	JOHN F LONG AND PAM LONG	849 542
10*14405	E	5-13-37	JOHN WHITE	862 423
10*14377	E	5-13-37	JOSEPH A LONG	849 519
10*14393	E	5-13-37	JOSEPH B LONG	854 585
10*14413	E	5-13-37	JUANITA SANDIFER	872 206
10*14416	E	5-13-37	KATHERINE ANN WILLIAMS COTHRAN	879 1
10*14394	E	5-13-37	LESLIE F BUCKNOR	860 422
10*14408	E	5-13-37	LORNA M LONG MORGAN	864 323
10*14315	E	5-13-37	MARGARET ROSS	846 402
10*14374	E	5-13-37	MARTHA BLATCHLY-CROSS	846 400
10*14332	E	5-13-37	MICHAEL EDWARD BARTH	849 524
10*14300	E	5-13-37	PPG INDUSTRIES, INC.	725 123
10*14328	E	5-13-37	RAE ELLEN STUART	849 558
10*14314	E	5-13-37	RALPH BLACHLY	849 534
10*14399	E	5-13-37	RITA ANN DOEBERT AND RONALD DOEBERT	860 437
10*14415	E	5-13-37	ROBERT D OKEY	872 621
10*14320	E	5-13-37	SANDRA CHEYNEY	879 4
10*14403	E	5-13-37	SUE WHITE	862 429
10*14313	E	5-13-37	TERRI JEAN GODDARD	846 404
10*14412	E	5-13-37	THE VILLAGE NETWORK	872 203
10*14382	E	5-13-37	THOMAS LONG AND JENNIFER LONG	849 532

WELL OPERATOR TUG HILL OPERATING, LLC
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DESIGNATED AGENT DIANNA STAMPER
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ADDRESS 5400 D BIG TYLER ROAD
CHARLESTON, WV 25313

WELL PLAT LEASE INFORMATION
GREER WELL NO. 1N-BHM

Lease No.	Tag	Parcel	Oil & Gas Royalty Owner	DEED BOOK/Pg
10*14385	E	2-13-37	THOMAS LONG AND JENNIFER LONG	849 232
10*14412	E	2-13-37	THE VILLAGE NETWORK	872 203
10*14413	E	2-13-37	TERRI LEAN GODDARD	846 404
10*14403	E	2-13-37	SUE WHITE	862 429
10*14320	E	2-13-37	SANDRA CHEVNEY	879 4
10*14412	E	2-13-37	ROBERT D OKY	872 621
10*14399	E	2-13-37	RITA ANN DOBERT AND RONALD DOBERT	860 427
10*14314	E	2-13-37	RALPH BLACHLY	849 234
10*14328	E	2-13-37	RAE ELLEN STUART	849 228
10*14300	E	2-13-37	PPG INDUSTRIES, INC.	722 123
10*14332	E	2-13-37	MICHAEL EDWARD BARTH	849 224
10*14374	E	2-13-37	MARATHA BLACHLY-CROSS	846 400
10*14312	E	2-13-37	MARGARET ROSS	846 402
10*14408	E	2-13-37	LORNA M LONG MORGAN	864 323
10*14394	E	2-13-37	LESLIE F BUCKNOR	860 422
10*14416	E	2-13-37	KATHERINE ANN WILLIAMS COHRAN	879 1
10*14413	E	2-13-37	LUANITA SANDIFER	872 206
10*14393	E	2-13-37	JOSEPH B LONG	824 282
10*14377	E	2-13-37	JOSEPH A LONG	849 219
10*14402	E	2-13-37	JOHN WHITE	862 423
10*14387	E	2-13-37	JOHN F LONG AND PAM LONG	849 242
10*14398	E	2-13-37	IAN KAFENBERGER	860 424
10*14312	E	2-13-37	JAMIE LU BENSON	849 226
10*14409	E	2-13-37	JAMES C LONG AND PATTI LONG	864 326
10*14386	E	2-13-37	JACK I PALZGRAF	849 240
10*14388	E	2-13-37	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	849 213
10*14401	E	2-13-37	IMELDA I SCURLOCK	860 443
10*14321	E	2-13-37	HERBERT BLACHLY	849 229
10*14410	E	2-13-37	HENRY T LONG	862 382
10*14317	E	2-13-37	HAROLD BLACHLY	849 228
10*14373	E	2-13-37	FREDRIC RICHTER AND BETTY RICHTER	846 411
10*14404	E	2-13-37	DON FORGRAVES	862 426
10*14322	E	2-13-37	DEWAYNE STARKY	849 260
10*14333	E	2-13-37	DEAN ROTHENBUHLER	860 430
10*14419	E	2-13-37	CROSSROAD CHILD AND FAMILY SERVICES	887 102
10*14400	E	2-13-37	COLEEN SLAEGE AND FRANKLIN SLAEGE	860 440
10*14331	E	2-13-37	CHRISTINA JEAN RIXOUX	849 226
10*14362	E	2-13-37	CAROLYN STARKY	849 224
10*14402	E	2-13-37	CAROL F WILSON AND RICHARD WILSON	860 446
10*14316	E	2-13-37	ANDREW GERST	849 228
10*14322	D	2-20-22	ROGER R WEESE, SPECIAL COMMISSIONER	836 488
10*14300	D	2-20-22	PPG INDUSTRIES, INC.	722 123
10*14322	C	2-20-30	BRIAN K. MARMIE & CAROL L. MARMIE	802 76
10*14327	C	2-20-30	WILLIAM M. DOYLE	797 187
10*14324	C	2-20-30	TRAVIS D. MARMIE	808 421
10*14347	C	2-20-30	TERRY I. CHAMBERS	800 404
10*14334	C	2-20-30	STANLEY RICHMOND	796 62
10*14342	C	2-20-30	SHARON D. GREEN	799 463
10*14361	C	2-20-30	RODNEY K. CHAMBERS	827 211
10*14341	C	2-20-30	ROBERT MARMIE	799 422
10*14320	C	2-20-30	RAE LEAN NAMETH	802 80
10*14300	C	2-20-30	PPG INDUSTRIES, INC.	722 123
10*14321	C	2-20-30	NORA WEBB	802 78
10*14322	C	2-20-30	MARY C. JOSEPH	797 196
10*14336	C	2-20-30	MARSHA L. SCHON	797 198
10*14344	C	2-20-30	LYNETTE L. KUGLER	799 461
10*14329	C	2-20-30	LUCYBELLE WELDON	827 228
10*14338	C	2-20-30	LOIS JEAN MYERS	797 189
10*14330	C	2-20-30	LETITIA TEMPLE	799 462
10*14346	C	2-20-30	LAURA GLASSNER	800 406
10*14323	C	2-20-30	KARI B. MARMIE	809 212
10*14340	C	2-20-30	JOSEPH CHAMBERS	799 420
10*14327	C	2-20-30	JORLENE POST	827 280
10*14323	C	2-20-30	JODY ELIZONDO	792 93
10*14339	C	2-20-30	JOANN FRAZIER	799 29
10*14349	C	2-20-30	HOWARD A. BROWN	802 98
10*14348	C	2-20-30	GEORGEANN TIPPY	803 122
10*14342	C	2-20-30	FLORENCE L. MYERS	799 427
10*14364	C	2-20-30	DAWN M. LAEMMIE	827 221

WELL OPERATOR TUG HILL OPERATING, LLC
 1320 SOUTH UNIVERSITY DRIVE, SUITE 500
 FORT WORTH, TX 76102
 ADDRESS
 DESIGNATED AGENT DIANNA STAMPER
 CT CORPORATION SYSTEM
 CHARLESTON, WV 25313
 ADDRESS 5400 D BIG TYLER ROAD

GREER WELL NO. 1N-8HM WELL PLAT LEASE INFORMATION

Lease No.	Tag	Parcel	Oil & Gas Royalty Owner	DEED BOOK/Pg
10*14411	E	5-13-37	THOMAS WHITE, ESQ., SPECIAL COMMISSIONER	870 34
10*14329	E	5-13-37	TONDA ROTHENBUHLER	860 432
10*14372	E	5-13-37	UNITED CHURCH HOMES INC	846 408
10*14381	E	5-13-37	WILLIAM LONG	849 530
10*14395	E	5-13-37	WILLIAM V BUCKNOR	860 424
10*14322	E	5-13-37	LOIS KAY MORFORD	900 134
10*16355	E	5-13-37	JAMES P. LONG AND LINDA LONG	904 10
10*15766	E	5-13-37	JOHN J. POZENEL	904 7
10*15762	E	5-13-37	DAWN PETROVICH	904 4
10*16357	E	5-13-37	DEANNA M. CAMPBELL	904 1
10*15760	E	5-13-37	DIEDRE WINGER	903 645
10*16358	E	5-13-37	ANNE MARIE KRAMER	903 648
10*15734	E	5-13-37	GENEVIEVE L. LONG	904 13
10*15761	E	5-13-37	CAMERON CEMETERY ASSOCIATION	903 642
10*16230	E	5-13-37	TH Exploration, LLC	900 134
10*15763	E	5-13-37	BONNIE J. SELDERS	904 34
10*16356	E	5-13-37	DARYL S. BUCKNOR	904 31
10*15765	E	5-13-37	JOHN A. BUCKNOR	904 16
10*15764	E	5-13-37	JAMES E. BUCKNOR	904 28
10*14316	F	5-13-22	ANDREW GERST	791 645
10*14402	F	5-13-22	CAROL F WILSON AND RICHARD WILSON	860 446
10*14362	F	5-13-22	CAROLYN STARKEY	827 226
10*14331	F	5-13-22	CHRISTINA JEAN RIOUX	796 70
10*14400	F	5-13-22	COLEEN SLAIGE AND FRANKLIN SLAIGE	860 440
10*14419	F	5-13-22	CROSSROAD CHILD AND FAMILY SERVICES	887 105
10*14333	F	5-13-22	DEAN ROTHENBUHLER	796 42
10*14355	F	5-13-22	DEWAYNE STARKEY	815 228
10*14404	F	5-13-22	DON FORGRAVES	862 426
10*14356	F	5-13-22	FREDRIC RICHTER & BETTY RICHTER	822 270
10*14317	F	5-13-22	HAROLD BLACHLY	791 643
10*14410	F	5-13-22	HENRY T LONG	867 385
10*14321	F	5-13-22	HERBERT BLACHLY	792 102
10*14401	F	5-13-22	IMELDA J SCURLOCK	860 443
10*14388	F	5-13-22	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	849 513
10*14319	F	5-13-22	JACK J. PFALZGRAF	792 118
10*14409	F	5-13-22	JAMES C LONG AND PATI LONG	864 326
10*14312	F	5-13-22	JAMIE LU BENSON	790 531
10*14398	F	5-13-22	JAN KAFFENBERGER	860 434
10*14387	F	5-13-22	JOHN F LONG AND PAM LONG	849 542
10*14405	F	5-13-22	JOHN WHITE	862 423
10*14377	F	5-13-22	JOSEPH A LONG	849 519
10*14368	F	5-13-22	JOSEPH LONG	836 106
10*14413	F	5-13-22	JUANITA SANDIFER	872 206
10*14416	F	5-13-22	KATHERINE ANN WILLIAMS COTHRAN	879 1
10*14394	F	5-13-22	LESUE F BUCKNOR	862 419
10*14322	F	5-13-22	LOIS KAY MORFORD	792 110
10*14408	F	5-13-22	LORNA M LONG MORGAN	864 323
10*14315	F	5-13-22	MARGARET ROSS	790 527
10*14318	F	5-13-22	MARTHA BLACHLY-CROSS	792 112
10*14332	F	5-13-22	MICHAEL EDWARD BARTH	796 68
10*14300	F	5-13-22	PPG INDUSTRIES, INC.	725 123
10*14328	F	5-13-22	RAE ELEN STUART	796 38
10*14314	F	5-13-22	RALPH BLACHLY	790 529
10*14399	F	5-13-22	RITA ANN DOBERT AND RONALD DOBERT	860 437
10*14327	F	5-13-22	ROBERT D. OKAY	792 646
10*14320	F	5-13-22	SANDRA CHENEY	792 91
10*14403	F	5-13-22	SUE WHITE	862 429
10*14313	F	5-13-22	TERRI JEAN GODARD	790 585
10*14412	F	5-13-22	THE VILLAGE NETWORK	872 203
10*14371	F	5-13-22	THOMAS F LONG AND JENNIFER LONG	842 398
10*14411	F	5-13-22	THOMAS WHITE, ESQ., SPECIAL CO	870 34
10*14329	F	5-13-22	TONDA ROTHENBUHLER	796 40
10*14372	F	5-13-22	UNITED CHURCH HOMES INC	846 408
10*14395	F	5-13-22	WILLIAM V BUCKNOR	862 421
10*16355	F	5-13-22	JAMES P. LONG AND LINDA LONG	904 10
10*15766	F	5-13-22	JOHN J. POZENEL	904 7
10*15762	F	5-13-22	DAWN PETROVICH	904 4
10*16357	F	5-13-22	DEANNA M. CAMPBELL	904 1
10*15760	F	5-13-22	DIEDRE WINGER	903 645
10*16358	F	5-13-22	ANNE MARIE KRAMER	903 648
10*15734	F	5-13-22	GENEVIEVE L. LONG	904 13
10*15761	F	5-13-22	CAMERON CEMETERY ASSOCIATION	903 642
10*16230	F	5-13-22	TH Exploration, LLC	900 134
10*15763	F	5-13-22	BONNIE J. SELDERS	904 34
10*16356	F	5-13-22	DARYL S. BUCKNOR	904 31
10*15765	F	5-13-22	JOHN A. BUCKNOR	904 16
10*15764	F	5-13-22	JAMES E. BUCKNOR	904 28
10*14316	F	5-13-22	ANDREW GERST	791 645
10*14402	F	5-13-22	CAROL F WILSON AND RICHARD WILSON	860 446
10*14362	F	5-13-22	CAROLYN STARKEY	827 226
10*14331	F	5-13-22	CHRISTINA JEAN RIOUX	796 70
10*14400	F	5-13-22	COLEEN SLAIGE AND FRANKLIN SLAIGE	860 440
10*14419	F	5-13-22	CROSSROAD CHILD AND FAMILY SERVICES	887 105
10*14333	F	5-13-22	DEAN ROTHENBUHLER	796 42
10*14355	F	5-13-22	DEWAYNE STARKEY	815 228
10*14404	F	5-13-22	DON FORGRAVES	862 426
10*14356	F	5-13-22	FREDRIC RICHTER & BETTY RICHTER	822 270
10*14317	F	5-13-22	HAROLD BLACHLY	791 643
10*14410	F	5-13-22	HENRY T LONG	867 385
10*14321	F	5-13-22	HERBERT BLACHLY	792 102
10*14401	F	5-13-22	IMELDA J SCURLOCK	860 443
10*14388	F	5-13-22	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	849 513
10*14319	F	5-13-22	JACK J. PFALZGRAF	792 118
10*14409	F	5-13-22	JAMES C LONG AND PATI LONG	864 326
10*14312	F	5-13-22	JAMIE LU BENSON	790 531
10*14398	F	5-13-22	JAN KAFFENBERGER	860 434
10*14387	F	5-13-22	JOHN F LONG AND PAM LONG	849 542
10*14405	F	5-13-22	JOHN WHITE	862 423
10*14377	F	5-13-22	JOSEPH A LONG	849 519
10*14368	F	5-13-22	JOSEPH LONG	836 106
10*14413	F	5-13-22	JUANITA SANDIFER	872 206
10*14416	F	5-13-22	KATHERINE ANN WILLIAMS COTHRAN	879 1
10*14394	F	5-13-22	LESUE F BUCKNOR	862 419
10*14322	F	5-13-22	LOIS KAY MORFORD	792 110
10*14408	F	5-13-22	LORNA M LONG MORGAN	864 323
10*14315	F	5-13-22	MARGARET ROSS	790 527
10*14318	F	5-13-22	MARTHA BLACHLY-CROSS	792 112
10*14332	F	5-13-22	MICHAEL EDWARD BARTH	796 68
10*14300	F	5-13-22	PPG INDUSTRIES, INC.	725 123
10*14328	F	5-13-22	RAE ELEN STUART	796 38
10*14314	F	5-13-22	RALPH BLACHLY	790 529
10*14399	F	5-13-22	RITA ANN DOBERT AND RONALD DOBERT	860 437
10*14327	F	5-13-22	ROBERT D. OKAY	792 646
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10*14329	F	5-13-22	TONDA ROTHENBUHLER	796 40
10*14372	F	5-13-22	UNITED CHURCH HOMES INC	846 408
10*14395	F	5-13-22	WILLIAM V BUCKNOR	862 421
10*16355	F	5-13-22	JAMES P. LONG AND LINDA LONG	904 10
10*15766	F	5-13-22	JOHN J. POZENEL	904 7
10*15762	F	5-13-22	DAWN PETROVICH	904 4
10*16357	F	5-13-22	DEANNA M. CAMPBELL	904 1
10*15760	F	5-13-22	DIEDRE WINGER	903 645
10*16358	F	5-13-22	ANNE MARIE KRAMER	903 648
10*15734	F	5-13-22	GENEVIEVE L. LONG	904 13
10*15761	F	5-13-22	CAMERON CEMETERY ASSOCIATION	903 642
10*16230	F	5-13-22	TH Exploration, LLC	900 134
10*15763	F	5-13-22	BONNIE J. SELDERS	904 34
10*16356	F	5-13-22	DARYL S. BUCKNOR	904 31
10*15765	F	5-13-22	JOHN A. BUCKNOR	904 16
10*15764	F	5-13-22	JAMES E. BUCKNOR	904 28
10*14316	F	5-13-22	ANDREW GERST	791 645
10*14402	F	5-13-22	CAROL F WILSON AND RICHARD WILSON	860 446
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10*14331	F	5-13-22	CHRISTINA JEAN RIOUX	796 70
10*14400	F	5-13-22	COLEEN SLAIGE AND FRANKLIN SLAIGE	860 440
10*14419	F	5-13-22	CROSSROAD CHILD AND FAMILY SERVICES	887 105
10*14333	F	5-13-22	DEAN ROTHENBUHLER	796 42
10*14355	F	5-13-22	DEWAYNE STARKEY	815 228
10*14404	F	5-13-22	DON FORGRAVES	862 426
10*14356	F	5-13-22	FREDRIC RICHTER & BETTY RICHTER	822 270
10*14317	F	5-13-22	HAROLD BLACHLY	791 643
10*14410	F	5-13-22	HENRY T LONG	867 385
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10*14401	F	5-13-22	IMELDA J SCURLOCK	860 443
10*14388	F	5-13-22	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	849 513
10*14319	F	5-13-22	JACK J. PFALZGRAF	792 118
10*14409	F	5-13-22	JAMES C LONG AND PATI LONG	864 326
10*14312	F	5-13-22	JAMIE LU BENSON	790 531
10*14398	F	5-13-22	JAN KAFFENBERGER	860 434
10*14387	F	5-13-22	JOHN F LONG AND PAM LONG	849 542
10*14405	F	5-13-22	JOHN WHITE	862 423
10*14377	F	5-13-22	JOSEPH A LONG	849 519
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10*14413	F	5-13-22	JUANITA SANDIFER	872 206
10*14416	F	5-13-22	KATHERINE ANN WILLIAMS COTHRAN	879 1
10*14394	F	5-13-22	LESUE F BUCKNOR	862 419
10*14322	F	5-13-22	LOIS KAY MORFORD	792 110
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10*14332	F	5-13-22	MICHAEL EDWARD BARTH	796 68
10*14300	F	5-13-22	PPG INDUSTRIES, INC.	725 123
10*14328	F	5-13-22	RAE ELEN STUART	796 38
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10*14399	F	5-13-22	RITA ANN DOBERT AND RONALD DOBERT	860 437
10*14327	F	5-13-22	ROBERT D. OKAY	792 646
10*14320	F	5-13-22	SANDRA CHENEY	792 91
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10*14371	F	5-13-22	THOMAS F LONG AND JENNIFER LONG	842 398
10*14411	F	5-13-22	THOMAS WHITE, ESQ., SPECIAL CO	870 34
10*14329	F	5-13-22	TONDA ROTHENBUHLER	796 40
10*14372	F	5-13-22	UNITED CHURCH HOMES INC	846 408
10*14395	F	5-13-22	WILLIAM V BUCKNOR	862 421
10*16355	F	5-13-22	JAMES P. LONG AND LINDA LONG	904 10
10*15766	F	5-13-22	JOHN J. POZENEL	904 7
10*15762	F	5-13-22	DAWN PETROVICH	904 4
10*16357	F	5-13-22	DEANNA M. CAMPBELL	904 1
10*15760	F	5-13-22	DIEDRE WINGER	903 645
10*16358	F	5-13-22	ANNE MARIE KRAMER	903 648
10*15734	F	5-13-22	GENEVIEVE L. LONG	904 13
10*15761	F	5-13-22	CAMERON CEMETERY ASSOCIATION	903 642
10*16230	F	5-13-22	TH Exploration, LLC	900 134
10*15763	F	5-13-22	BONNIE J. SELDERS	904 34
10*16356	F	5-13-22	DARYL S. BUCKNOR	904 31
10*15765	F	5-13-22	JOHN A. BUCKNOR	904 16
10*15764	F	5-13-22	JAMES E. BUCKNOR	904 28
10*14316	F	5-13-22	ANDREW GERST	791 645
10*14402	F	5-13-22	CAROL F WILSON AND RICHARD WILSON	860 446
10*14362	F	5-13-22	CAROLYN STARKEY	827 226
10*14331	F	5-13-22	CHRISTINA JEAN RIOUX	796 70
10*14400	F	5-13-22	COLEEN SLAIGE AND FRANKLIN SLAIGE	860 440
10*14419	F	5-13-22	CROSSROAD CHILD AND FAMILY SERVICES	887 105
10*14333	F	5-13-22	DEAN ROTHENBUHLER	796 42
10*14355	F	5-13-22	DEWAYNE STARKEY	815 228
10*14404	F	5-13-22	DON FORGRAVES	862 426
10*14356	F	5-13-22	FREDRIC RICHTER & BETTY RICHTER	822 270
10*14317	F	5-13-22	HAROLD BLACHLY	791 643
10*14410	F	5-13-22	HENRY T LONG	867 385
10*14321	F	5-13-22	HERBERT BLACHLY	792 102
10*14401	F	5-13-22	IMELDA J SCURLOCK	860 443
10*14388	F	5-13-22	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	849 513

WELL PLAT LEASE INFORMATION
GREER WELL NO. 1-N-BM

Lease No.	Tag	Parcel	Oil & Gas Royalty Owner	DEED BOOK/PAGE
10*14328	F	2-13-22	ANNE MARIE KRAMER	903 648
10*12760	F	2-13-22	DIEDRE WINGER	903 642
10*14327	F	2-13-22	DEANNA M. CAMPBELL	904 1
10*12762	F	2-13-22	DAWN PETROVICH	904 4
10*12766	F	2-13-22	JOHN I. POZANEL	904 7
10*14322	F	2-13-22	JAMES P. LONG AND LINDA LONG	904 10
10*14322	F	2-13-22	WILLIAM V BUCKNOR	882 421
10*14322	F	2-13-22	UNITED CHURCH HOMES INC	846 408
10*14328	F	2-13-22	TONDA ROTHENBUHLER	796 40
10*14411	F	2-13-22	THOMAS WHITE, ESQ., SPECIAL CO	870 34
10*14321	F	2-13-22	THOMAS F LONG AND LENNIER LONG	842 398
10*14412	F	2-13-22	THE VILLAGE NETWORK	872 203
10*14313	F	2-13-22	TERRI LEAN GODDARD	790 282
10*14403	F	2-13-22	SUE WHITE	862 429
10*14320	F	2-13-22	SANDRA CHENEY	792 91
10*14322	F	2-13-22	ROBERT D. OKAY	792 646
10*14399	F	2-13-22	RITA ANN DOBERT AND RONALD DOBERT	860 437
10*14314	F	2-13-22	RALPH BLACHLY	790 229
10*14328	F	2-13-22	RAE ELLEN STUART	796 38
10*14300	F	2-13-22	PPG INDUSTRIES, INC.	722 123
10*14322	F	2-13-22	MICHAEL EDWARD BARTH	796 68
10*14318	F	2-13-22	MARTHA BLACHLY-CROSS	792 112
10*14312	F	2-13-22	MARGARET ROSS	790 227
10*14408	F	2-13-22	LORNA M LONG MORGAN	864 223
10*14322	F	2-13-22	LOIS KAY MORFORD	792 110
10*14394	F	2-13-22	LESLIE F BUCKNOR	862 419
10*14416	F	2-13-22	KATHERINE ANN WILLIAMS COTHMAN	879 1
10*14413	F	2-13-22	JUANITA SANDIFER	822 206
10*14368	F	2-13-22	JOSEPH LONG	836 106
10*14377	F	2-13-22	JOSEPH A LONG	849 219
10*14402	F	2-13-22	JOHN WHITE	862 423
10*14387	F	2-13-22	JOHN F LONG AND PAM LONG	849 242
10*14388	F	2-13-22	JAN KAFFENBERGER	860 434
10*14312	F	2-13-22	JAMIE LU BENSON	790 231
10*14409	F	2-13-22	JAMES C LONG AND PATI LONG	864 226
10*14319	F	2-13-22	JACK I. PAIZGRAF	792 118
10*14388	F	2-13-22	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	849 213
10*14401	F	2-13-22	IMELDA J SCURLOCK	860 443
10*14321	F	2-13-22	HERBERT BLACHLY	792 102
10*14410	F	2-13-22	HENRY T LONG	867 382
10*14317	F	2-13-22	HAROLD BLACHLY	791 643
10*14326	F	2-13-22	FREDRIC RICHTER & BETTY RICHTER	822 220
10*14404	F	2-13-22	DON FORGRAVES	862 426
10*14322	F	2-13-22	DEWAYNE STARKEY	812 228
10*14333	F	2-13-22	DEAN ROTHENBUHLER	796 42
10*14419	F	2-13-22	GROSSROAD CHILD AND FAMILY SERVICES	887 102
10*14400	F	2-13-22	COLEEN STAGLE AND FRANKLIN STAGLE	860 440
10*14311	F	2-13-22	CHRISTINA JEAN RHOX	796 70
10*14362	F	2-13-22	CAROLYN STARKEY	827 226
10*14402	F	2-13-22	CAROL F WILSON AND RICHARD WILSON	860 446
10*14316	F	2-13-22	ANDREW GERST	791 642
10*12764	E	2-13-27	JAMES E BUCKNOR	904 28
10*12762	E	2-13-27	JOHN A. A. BUCKNOR	904 16
10*14326	E	2-13-27	DARYL S BUCKNOR	904 31
10*12763	E	2-13-27	BONNIE I. SELDERS	904 34
10*14320	E	2-13-27	TH Exploration, LLC	900 124
10*12761	E	2-13-27	CAMERON CEMETERY ASSOCIATION	903 642
10*12794	E	2-13-27	GENEVIVE L LONG	904 12
10*14328	E	2-13-27	ANNE MARIE KRAMER	903 648
10*12760	E	2-13-27	DIEDRE WINGER	903 642
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10*12762	E	2-13-27	DAWN PETROVICH	904 4
10*12766	E	2-13-27	JOHN I. POZANEL	904 7
10*14322	E	2-13-27	JAMES P. LONG AND LINDA LONG	904 10
10*14322	E	2-13-27	LOIS KAY MORFORD	900 124
10*14322	E	2-13-27	WILLIAM V BUCKNOR	860 424
10*14381	E	2-13-27	WILLIAM LONG	849 230
10*14322	E	2-13-27	UNITED CHURCH HOMES INC	846 408
10*14329	E	2-13-27	TONDA ROTHENBUHLER	796 402
10*14411	E	2-13-27	THOMAS WHITE, ESQ., SPECIAL COMMISSIONER	870 34

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WELL PLAT LEASE INFORMATION

Lease No.	Tag	Parcel	Oil & Gas Royalty Owner	DEED BOOK/PG	
10*15734	F	5-13-22	GENEVIEVE L LONG	904	13
10*15761	F	5-13-22	CAMERON CEMETERY ASSOCIATION	903	642
10*15763	F	5-13-22	TH Exploration, LLC	904	34
10*16230	F	5-13-22	BONNIE J. SELTERS	900	134
10*16356	F	5-13-22	DARYL S. BUCKNOR	904	31
10*15765	F	5-13-22	JOHN A. BUCKNOR	904	16
10*15764	F	5-13-22	JAMES E. BUCKNOR	904	28
10*14316	G	5-13-21	ANDREW GERST	791	645
10*14402	G	5-13-21	CAROL F WILSON AND RICHARD WILSON	860	446
10*14362	G	5-13-21	CAROLYN STARKEY	827	226
10*14331	G	5-13-21	CHRISTINA JEAN RIOUX	796	70
10*14400	G	5-13-21	COLEEN SLAGLE AND FRANKLIN SLAGLE	860	440
10*14419	G	5-13-21	CROSSROAD CHILD AND FAMILY SERVICES	887	105
10*14333	G	5-13-21	DEAN ROTHENBUHLER	796	42
10*14355	G	5-13-21	DEWAYNE STARKEY	815	228
10*14404	G	5-13-21	DON FORGRAVES	862	426
10*14356	G	5-13-21	FREDRIC RICHTER & BETTY RICHTER	822	270
10*14317	G	5-13-21	HAROLD BLACHLY	791	643
10*14410	G	5-13-21	HENRY T LONG	867	385
10*14321	G	5-13-21	HERBERT BLACHLY	792	102
10*14401	G	5-13-21	IMELDA J SCURLOCK	860	443
10*14388	G	5-13-21	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	849	513
10*14319	G	5-13-21	JACK J. PFALZGRAF	792	118
10*14409	G	5-13-21	JAMES C LONG AND PATTI LONG	864	326
10*14312	G	5-13-21	JAMIE LU BENSON	790	531
10*14398	G	5-13-21	JAN KAFFENBERGER	860	434
10*14387	G	5-13-21	JOHN F LONG AND PAM LONG	849	542
10*14405	G	5-13-21	JOHN WHITE	862	423
10*14377	G	5-13-21	JOSEPH A LONG	849	519
10*14368	G	5-13-21	JOSEPH LONG	836	106
10*14413	G	5-13-21	JUANITA SANDIFER	872	206
10*14416	G	5-13-21	KATHERINE ANN WILLIAMS COTHRAN	879	1
10*14394	G	5-13-21	LESLIE F BUCKNOR	862	419
10*14322	G	5-13-21	LOIS KAY MORFORD	792	110
10*14408	G	5-13-21	LORNA M LONG MORGAN	864	323
10*14315	G	5-13-21	MARGARET ROSS	790	527
10*14318	G	5-13-21	MARTHA BLACHLY-CROSS	792	112
10*14332	G	5-13-21	MICHAEL EDWARD BARTH	796	68
10*14328	G	5-13-21	RAE ELLEN STUART	796	38
10*14314	G	5-13-21	RALPH BLACHLY	790	529
10*14399	G	5-13-21	RITA ANN DOEBERT AND RONALD DOEBERT	860	437
10*14327	G	5-13-21	ROBERT D. OKEY	792	646
10*14320	G	5-13-21	SANDRA CHEYNEY	792	91
10*14403	G	5-13-21	SUE WHITE	862	429
10*14313	G	5-13-21	TERRI JEAN GODDARD	790	585
10*14412	G	5-13-21	THE VILLAGE NETWORK	872	203
10*14371	G	5-13-21	THOMAS F LONG AND JENNIFER LON	842	398
10*14411	G	5-13-21	THOMAS WHITE, ESQ., SPECIAL COMMISSIONER	870	34
10*14329	G	5-13-21	TONDA ROTHENBUHLER	796	40
10*14372	G	5-13-21	UNITED CHURCH HOMES INC	846	408
10*14395	G	5-13-21	WILLIAM V BUCKNOR	862	421
10*16355	G	5-13-21	JAMES P. LONG AND LINDA LONG	904	10
10*15766	G	5-13-21	JOHN J. POZENEL	904	7
10*15762	G	5-13-21	DAWN PETROVICH	904	4
10*16357	G	5-13-21	DEANNA M. CAMPBELL	904	1
10*15760	G	5-13-21	DIEDRE WINGER	903	645
10*16358	G	5-13-21	ANNE MARIE KRAMER	903	648
10*15734	G	5-13-21	GENEVIEVE L. LONG	904	13
10*15761	G	5-13-21	CAMERON CEMETERY ASSOCIATION	903	642
10*15763	G	5-13-21	TH Exploration, LLC	904	34
10*16230	G	5-13-21	BONNIE J. SELTERS	900	134
10*16356	G	5-13-21	DARYL S. BUCKNOR	904	31
10*15765	G	5-13-21	JOHN A. BUCKNOR	904	16
10*15764	G	5-13-21	JAMES E. BUCKNOR	904	28
10*14300	H	5-13-16	PPG INDUSTRIES, INC.	725	123

WELL OPERATOR TUG HILL OPERATING, LLC
ADDRESS 1320 SOUTH UNIVERSITY DRIVE, SUITE 500
FORT WORTH, TX 76107

DESIGNATED AGENT DIANNA STAMPER
CT CORPORATION SYSTEM
ADDRESS 5400 D BIG TYLER ROAD
CHARLESTON, WV 25313

ADDRESS FORI MOKIN' IX 18101
1250 SOUTH UNIVERSITY DRIVE, SUITE 200
MELL OPERATOR INC HITT OPERATING, LLC

ADDRESS CHARGESION, MA 02112
2400 D BIG LAGER ROAD
DESIGNATED AGENT CI CORPORATION SYSTEM
DANINA STAMBER

10.14300	H	2-13-10	BBC INDUSTRIES' INC	152	153
10.12194	E	2-13-51	JAMES E' ВУСКИОВ	204	58
10.12192	E	2-13-51	ТОНН V' ВУСКИОВ	204	19
10.12320	E	2-13-51	DAVAG Z' ВУСКИОВ	204	31
10.12530	E	2-13-51	ВОИНИЕ 1' ЗЕГДЕВЗ	200	134
10.12193	E	2-13-51	IN Exploration' LLC	204	34
10.12191	E	2-13-51	САМЕРОН СЕМЕТЕРУ ASSOCIATION	203	245
10.12134	E	2-13-51	БЕНЕДИКТЕ Г' ГОИС	204	13
10.12328	E	2-13-51	АНИЕ МАРИЕ КВАМЕР	203	248
10.12190	E	2-13-51	DIEDBE MINCER	203	242
10.12321	E	2-13-51	DEYUNIA W' САМЬВЕЛТ	204	1
10.12195	E	2-13-51	ДАМИ БЕТВОЛИС	204	4
10.12199	E	2-13-51	ТОНН 1' БОЗЕНЕГ	204	1
10.12322	E	2-13-51	JAMES B' ГОИС AND ПИДА ГОИС	204	10
10.14322	E	2-13-51	МИПАН V ВУСКИОВ	225	451
10.14315	E	2-13-51	UNITED CHURCH HOMES INC	242	408
10.14320	E	2-13-51	LONDA ВОТНЕИВУНГЕР	122	40
10.14411	E	2-13-51	THOMAS WHITE' ESO' SPECIAL COMMISSIONER	210	34
10.14311	E	2-13-51	THOMAS E' ГОИС AND ТЕИНИЕР ГОИ	245	328
10.14415	E	2-13-51	THE LITVAGE NETWORK	215	503
10.14313	E	2-13-51	ТЕВРИ ТЕВРИ СОДДАВД	120	282
10.14403	E	2-13-51	ЗНЕ WHITE	225	452
10.14330	E	2-13-51	ЗАНДВУ СЕЛИЕЛ	125	21
10.14331	E	2-13-51	ROBERT D' OKEY	125	242
10.14322	E	2-13-51	ВИТА АНИ ДОБЕРТ AND ВОИВГО ДОБЕРТ	220	431
10.14314	E	2-13-51	ВАГН ВУСЧГА	120	252
10.14338	E	2-13-51	ВАЕ ЕПТЕИ ЗЛАВТ	122	38
10.14335	E	2-13-51	MICHAEL EDWARD VARTH	122	28
10.14318	E	2-13-51	МАРТИН ВУСЧГА-СВОЗЗ	125	115
10.14312	E	2-13-51	МАКСАВЕЛ ВОЗЗ	120	251
10.14408	E	2-13-51	ГОВИЯ W' ГОИС МОКЕВИ	224	353
10.14335	E	2-13-51	ГОИЗ КВА МОКЕОВД	125	110
10.14324	E	2-13-51	ГЕЗПЕ E' ВУСКИОВ	225	412
10.14412	E	2-13-51	КАТНЕВИЕ АНИ МИПАНЗ СОЛНВАН	212	1
10.14413	E	2-13-51	ПРИИДА ЗАНДИЕР	215	502
10.14328	E	2-13-51	ТОЗЕВН ГОИС	222	102
10.14311	E	2-13-51	ТОЗЕВН V ГОИС	242	212
10.14402	E	2-13-51	ТОНН WHITE	225	453
10.14321	E	2-13-51	ТОНН E' ГОИС AND ПАМ ГОИС	242	245
10.14328	E	2-13-51	ТОНН КВАЕИВЕВЕКЕР	220	434
10.14315	E	2-13-51	ТОНН ГП ВЕИЗОН	120	231
10.14402	E	2-13-51	JAMES C' ГОИС AND ПАТТ ГОИС	224	352
10.14312	E	2-13-51	УСКТ' БЕАТЗЕВАЕ	125	118
10.14328	E	2-13-51	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	242	213
10.14401	E	2-13-51	ИМЕДА 1 ЗСПВГОСК	220	443
10.14331	E	2-13-51	НЕВВЕРТ ВУСЧГА	125	105
10.14410	E	2-13-51	НЕИВУ 1 ГОИС	221	382
10.14311	E	2-13-51	НАВОГО ВУСЧГА	121	243
10.14322	E	2-13-51	ЕРЕВИС ВИЧТЕР & BETTY ВИЧТЕР	255	510
10.14404	E	2-13-51	ДОИ ЕОВЕРВАЛЕЗ	225	452
10.14322	E	2-13-51	ДЕМАНИЕ СТАВКЕЛ	212	558
10.14333	E	2-13-51	ДЕВН ВОТНЕИВУНГЕР	122	45
10.14412	E	2-13-51	СВОЗЗВОД ЧИГД AND ЕАМИГА ЗЕВЛИСЗ	221	102
10.14400	E	2-13-51	СОГЕЕН ЗЛАВЕ AND ЕВАКПИ ЗЛАВЕ	220	440
10.14331	E	2-13-51	СНВСТИВА ТЕВН ВЮНХ	122	10
10.14325	E	2-13-51	СУВОГАН СТАВКЕЛ	251	552
10.14405	E	2-13-51	САВОГ E' ВИЗОН AND ВИШАВД ВИЗОН	220	442
10.14312	E	2-13-51	АНДРЕМ СЕВЗТ	121	242
10.12194	F	2-13-55	JAMES E' ВУСКИОВ	204	58
10.12192	F	2-13-55	ТОНН V' ВУСКИОВ	204	19
10.12320	F	2-13-55	DAVAG Z' ВУСКИОВ	204	31
10.12530	F	2-13-55	ВОИНИЕ 1' ЗЕГДЕВЗ	200	134
10.12193	F	2-13-55	IN Exploration' LLC	204	34
10.12191	F	2-13-55	САМЕРОН СЕМЕТЕРУ ASSOCIATION	203	245
10.12134	F	2-13-55	БЕНЕДИКТЕ Г' ГОИС	204	13
10.12328	F	2-13-55	АНИЕ МАРИЕ КВАМЕР	203	248
10.12190	F	2-13-55	DIEDBE MINCER	203	242
10.12321	F	2-13-55	DEYUNIA W' САМЬВЕЛТ	204	1
10.12195	F	2-13-55	ДАМИ БЕТВОЛИС	204	4
10.12199	F	2-13-55	ТОНН 1' БОЗЕНЕГ	204	1
10.12322	F	2-13-55	JAMES B' ГОИС AND ПИДА ГОИС	204	10
10.14322	F	2-13-55	МИПАН V ВУСКИОВ	225	451
10.14315	F	2-13-55	UNITED CHURCH HOMES INC	242	408
10.14320	F	2-13-55	LONDA ВОТНЕИВУНГЕР	122	40
10.14411	F	2-13-55	THOMAS WHITE' ESO' SPECIAL COMMISSIONER	210	34
10.14311	F	2-13-55	THOMAS E' ГОИС AND ТЕИНИЕР ГОИ	245	328
10.14415	F	2-13-55	THE LITVAGE NETWORK	215	503
10.14313	F	2-13-55	ТЕВРИ ТЕВРИ СОДДАВД	120	282
10.14403	F	2-13-55	ЗНЕ WHITE	225	452
10.14330	F	2-13-55	ЗАНДВУ СЕЛИЕЛ	125	21
10.14331	F	2-13-55	ROBERT D' OKEY	125	242
10.14322	F	2-13-55	ВИТА АНИ ДОБЕРТ AND ВОИВГО ДОБЕРТ	220	431
10.14314	F	2-13-55	ВАГН ВУСЧГА	120	252
10.14338	F	2-13-55	ВАЕ ЕПТЕИ ЗЛАВТ	122	38
10.14335	F	2-13-55	MICHAEL EDWARD VARTH	122	28
10.14318	F	2-13-55	МАРТИН ВУСЧГА-СВОЗЗ	125	115
10.14312	F	2-13-55	МАКСАВЕЛ ВОЗЗ	120	251
10.14408	F	2-13-55	ГОВИЯ W' ГОИС МОКЕВИ	224	353
10.14335	F	2-13-55	ГОИЗ КВА МОКЕОВД	125	110
10.14324	F	2-13-55	ГЕЗПЕ E' ВУСКИОВ	225	412
10.14412	F	2-13-55	КАТНЕВИЕ АНИ МИПАНЗ СОЛНВАН	212	1
10.14413	F	2-13-55	ПРИИДА ЗАНДИЕР	215	502
10.14328	F	2-13-55	ТОЗЕВН ГОИС	222	102
10.14311	F	2-13-55	ТОЗЕВН V ГОИС	242	212
10.14402	F	2-13-55	ТОНН WHITE	225	453
10.14321	F	2-13-55	ТОНН E' ГОИС AND ПАМ ГОИС	242	245
10.14328	F	2-13-55	ТОНН КВАЕИВЕВЕКЕР	220	434
10.14315	F	2-13-55	ТОНН ГП ВЕИЗОН	120	231
10.14402	F	2-13-55	JAMES C' ГОИС AND ПАТТ ГОИС	224	352
10.14312	F	2-13-55	УСКТ' БЕАТЗЕВАЕ	125	118
10.14328	F	2-13-55	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	242	213
10.14401	F	2-13-55	ИМЕДА 1 ЗСПВГОСК	220	443
10.14331	F	2-13-55	НЕВВЕРТ ВУСЧГА	125	105
10.14410	F	2-13-55	НЕИВУ 1 ГОИС	221	382
10.14311	F	2-13-55	НАВОГО ВУСЧГА	121	243
10.14322	F	2-13-55	ЕРЕВИС ВИЧТЕР & BETTY ВИЧТЕР	255	510
10.14404	F	2-13-55	ДОИ ЕОВЕРВАЛЕЗ	225	452
10.14322	F	2-13-55	ДЕМАНИЕ СТАВКЕЛ	212	558
10.14333	F	2-13-55	ДЕВН ВОТНЕИВУНГЕР	122	45
10.14412	F	2-13-55	СВОЗЗВОД ЧИГД AND ЕАМИГА ЗЕВЛИСЗ	221	102
10.14400	F	2-13-55	СОГЕЕН ЗЛАВЕ AND ЕВАКПИ ЗЛАВЕ	220	440
10.14331	F	2-13-55	СНВСТИВА ТЕВН ВЮНХ	122	10
10.14325	F	2-13-55	СУВОГАН СТАВКЕЛ	251	552
10.14405	F	2-13-55	САВОГ E' ВИЗОН AND ВИШАВД ВИЗОН	220	442
10.14312	F	2-13-55	АНДРЕМ СЕВЗТ	121	242
10.12194	F	2-13-55	JAMES E' ВУСКИОВ	204	58
10.12192	F	2-13-55	ТОНН V' ВУСКИОВ	204	19
10.12320	F	2-13-55	DAVAG Z' ВУСКИОВ	204	31
10.12530	F	2-13-55	ВОИНИЕ 1' ЗЕГДЕВЗ	200	134
10.12193	F	2-13-55	IN Exploration' LLC	204	34
10.12191	F	2-13-55	САМЕРОН СЕМЕТЕРУ ASSOCIATION	203	245
10.12134	F	2-13-55	БЕНЕДИКТЕ Г' ГОИС	204	13
10.12328	F	2-13-55	АНИЕ МАРИЕ КВАМЕР	203	248
10.12190	F	2-13-55	DIEDBE MINCER	203	242
10.12321	F	2-13-55	DEYUNIA W' САМЬВЕЛТ	204	1
10.12195	F	2-13-55	ДАМИ БЕТВОЛИС	204	4
10.12199	F	2-13-55	ТОНН 1' БОЗЕНЕГ	204	1
10.12322	F	2-13-55	JAMES B' ГОИС AND ПИДА ГОИС	204	10
10.14322	F	2-13-55	МИПАН V ВУСКИОВ	225	451
10.14315	F	2-13-55	UNITED CHURCH HOMES INC	242	408
10.14320	F	2-13-55	LONDA ВОТНЕИВУНГЕР	122	40
10.14411	F	2-13-55	THOMAS WHITE' ESO' SPECIAL COMMISSIONER	210	34
10.14311	F	2-13-55	THOMAS E' ГОИС AND ТЕИНИЕР ГОИ	245	328
10.14415	F	2-13-55	THE LITVAGE NETWORK	215	503
10.14313	F	2-13-55	ТЕВРИ ТЕВРИ СОДДАВД	120	282
10.14403	F	2-13-55	ЗНЕ WHITE	225	452
10.14330	F	2-13-55	ЗАНДВУ СЕЛИЕЛ	125	21
10.14331	F	2-13-55	ROBERT D' OKEY	125	242
10.14322	F	2-13-55	ВИТА АНИ ДОБЕРТ AND ВОИВГО ДОБЕРТ	220	431
10.14314	F	2-13-55	ВАГН ВУСЧГА	120	252
10.14338	F	2-13-55	ВАЕ ЕПТЕИ ЗЛАВТ	122	38
10.14335	F	2-13-55	MICHAEL EDWARD VARTH	122	28
10.14318	F	2-13-55	МАРТИН ВУСЧГА-СВОЗЗ	125	115
10.14312	F	2-13-55	МАКСАВЕЛ ВОЗЗ	120	251
10.14408	F	2-13-55	ГОВИЯ W' ГОИС МОКЕВИ	224	353
10.14335	F	2-13-55	ГОИЗ КВА МОКЕОВД	125	110
10.14324	F	2-13-55	ГЕЗПЕ E' ВУСКИОВ	225	412
10.14412	F	2-13-55	КАТНЕВИЕ АНИ МИПАНЗ СОЛНВАН	212	1
10.14413	F	2-13-55	ПРИИДА ЗАНДИЕР	215	502
10.14328	F	2-13-55	ТОЗЕВН ГОИС	222	102
10.14311	F	2-13-55	ТОЗЕВН V ГОИС	242	212
10.14402	F	2-13-55	ТОНН WHITE	225	453
10.14321	F	2-13-55	ТОНН E' ГОИС AND ПАМ ГОИС	242	245
10.14328	F	2-13-55	ТОНН КВАЕИВЕВЕКЕР	220	434
10.14315	F	2-13-55	ТОНН ГП ВЕИЗОН	120	231
10.14402	F	2-13-55	JAMES C' ГОИС AND ПАТТ ГОИС	224	352
10.14312	F	2-13-55	УСКТ' БЕАТЗЕВАЕ	125	118
10.14328	F	2-13-55	IMMANUEL CHURCH OF THE UNITED CHURCH OF CHRIST	242	213
10.14401	F	2-13-55	ИМЕДА 1 ЗСПВГОСК	220	443
10.14331	F	2-13-55	НЕВВЕРТ ВУСЧГА	125	105
10.14410	F	2-13-55	НЕИВУ 1 ГОИС	221	382
10.14311	F	2-13-55	НАВОГО ВУСЧГА	121	243
10.14322	F	2-13-55	ЕРЕВИС ВИЧТЕР & BETTY ВИЧТЕР	255	510
10.14404	F	2-13-55	ДОИ ЕОВЕРВАЛЕЗ	225	452
10.14322	F	2-13-55	ДЕМАНИЕ СТАВКЕЛ	212	558
10.14333	F	2-13-55	ДЕВН ВОТНЕИВУНГЕР	122	45
10.14412	F	2-13-55	СВОЗЗВОД ЧИГД AND ЕАМИГА ЗЕВЛИСЗ	221	102
10.14400	F	2-13-55	СОГЕЕН ЗЛАВЕ AND ЕВАКПИ ЗЛАВЕ	220	440
10.14331	F	2-13-55	СНВСТИВА ТЕВН ВЮНХ	122	10
10.14325	F	2-13-55	СУВОГАН СТАВКЕЛ	251	552
10.14405	F	2-13-55	САВОГ E' ВИЗОН AND ВИШАВД ВИЗОН	220	442
10.14312	F	2-13-55	АНДРЕМ СЕВЗТ	121	242
10.12194	F	2-13-55	JAMES E' ВУСКИОВ	204	58
10.12192	F	2-13-55	ТОНН V' ВУСКИОВ	204	19
10.12320	F	2-13-55	DAVAG Z' ВУСКИОВ	204	31
10.12530	F	2-13-55	ВОИНИЕ 1' ЗЕГДЕВЗ	200	134
10.12193	F	2-13-55	IN Exploration' LLC	204	34
10.12191	F	2-13-55	САМЕРОН СЕМЕТЕРУ ASSOCIATION	203	245
10.12134	F	2-13-55	БЕНЕДИКТЕ Г' ГОИС	204	13
10.12328	F	2-13-55	АНИЕ МАРИЕ КВАМЕР	203	248
10.12190	F	2-13-55	DIEDBE MINCER	203	242
10.12321	F	2-13-55	DEYUNIA W' САМЬВЕЛТ	204	1
10.12195	F	2-13-55	ДАМИ БЕТВОЛИС	204	4
10.12199	F	2-13-55	ТОНН 1' БОЗЕНЕГ	204	1
10.12322	F	2-13-55	JAMES B' ГОИС AND ПИДА ГОИС	204	10
10.14322	F				