

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

API 47 - 041 - 05722 County Lewis District Freemans Creek
Quad Camden Pad Name Evans 1213 Field/Pool Name Kennedy
Farm name Evans Well Number Evans 1213 S6H
Operator (as registered with the OOG) HG Energy II Appalachia, LLC
Address 5260 Dupont Rd. City Parkersburg State WV Zip 26101

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4329713.163 Easting 541933.036
Landing Point of Curve Northing 4329778 Easting 542192
Bottom Hole Northing 4324361.822 Easting 544105.722

Elevation (ft) 1228 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)
Air/WBM (gas storage)/OBM
Barite, Lime, CaCL, base oil, Gilsonite, Asphalt, clay, Emulsifier, sulfatone, safevert FLG, safevert WA

Date permit issued 05/03/2021 Date drilling commenced 5/13/2021 Date drilling ceased 3/13/2022
Date completion activities began 7/17/2022 Date completion activities ceased 9/8/2022
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

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

Freshwater depth(s) ft Not observed Open mine(s) (Y/N) depths N
Salt water depth(s) ft Not observed Void(s) encountered (Y/N) depths N
Coal depth(s) ft 452,468,530,600,900,1025,1107 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) No

APPROVED

Reviewed by:
Kenneth Bebold
05/17/2024
5-4-24

API 47-041 - 05722 Farm name Evans Well number Evans 1213 S6H

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	30"	30"	120	New	157 lb/ft LS		Drilled in
Surface	26"	20"	1133	New	94 lbs/ft J-55		Yes, 85 bbl to surface
Coal							
Intermediate 1	17.5"	13.375"	2064	New	68 lbs/ft J55		Yes, 132 bbl to surface
Intermediate 2	12.25"	9.625"	4784	New	40 lbs/ft N80		Yes, 39 bbl to surface
Intermediate 3							
Production	8.5"	5.5"	26060	New	23 lbs/ft P-110HP		Yes, 92 bbl to surface
Tubing							
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							
Surface	Class A	2032	15.6	1.18	2398	Surface	8
Coal							
Intermediate 1	Class A	1888/476	16.0/16.4	1.16/1.12	2190/533	Surface	24
Intermediate 2	Class A	541/159	10.5/15.2	2.2/1.25	1190/199	Surface	8
Intermediate 3							
Production	Class A	309/144/3985	13.5/13.5/14.8	1.82/1.67/1.34	562/240/5340	Surface	8
Tubing							

Drillers TD (ft) ²⁶⁰⁸⁸ _____ Loggers TD (ft) _____
 Deepest formation penetrated Marcellus Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) ⁶²⁹⁰ _____

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 _____
 20" casing: centralizer every 3 joints to surface
 13.375" casing: Bow spring centralizer on every joint
 9.625" casing: Bow spring on first 2 joints then every 3rd joint to 100' from surface
 5.5" casing: Centralizer run every 3 joints to top of curve (KOP) then centralizers placed every 5 joints to surface

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

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HG Energy II Appalachia, LLC
Evans 1213 S-6H
Lithology Record

	Formation	Top MD	Top TVD	Base MD	Base TVD
Coal		452	452	455	455
Coal		468	468	471	471
Coal		530	530	533	533
Coal		600	600	603	603
Gas Sand		680	680	840	840
1st salt sand		888	888	933	933
Coal		900	900	902	902
Coal		1025	1025	1028	1028
2nd salt sand		1086	1086	1139	1139
Coal		1107	1107	1109	1109
Surface Casing		1173	drill	1133	set
3rd salt sand		1233	1233	1286	1286
Little Lime		1501	1501	1521	1521
Greenbrier Big Lime		1551	1551	1621	1621
T - Pocono Big Injun		1621	1621	1719	1719
Gantz		1891	1891	1950	1950
Fifty foot Sand		2002	2002	2020	2020
Casing depth		2087	drill	2064	set
Thirty foot Sand		2093	2093	2130	2130
Gordon Stray sand		2145	2145	2181	2181
Gordon sand		2181	2181	2257	2257
5th sand		2391	2391	2429	2429
Bayard sand		2476	2476	2507	2507
Warren		2799	2799	2822	2822
Speechley		3096	3096	3117	3117
Balltown		3314	3313	3413	3411
Benson		4476	4417	4508	4447
9 5-/8" casing depth		4825	drill	4784	set
Rhinestreet		6146	5986	6399	6217
Cashaqua		6399	6217	6610	6391
Middlesex		6610	6391	6749	6493
West River		6749	6493	6904	6589
Burket		6904	6589	6936	6608
Tully		6936	6608	7093	6687
Hamilton		7093	6687	7222	6738
Marcellus shale		7222	6738	26088	6902

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Perforation Record

Stage #	Date	Perforation From Depth	Perforation to Depth	Number of Perforations	Formation
Sleeve/1	7/17/2022	26008	25982	2	Marcellus
2	8/3/2022	25948	25780	32	Marcellus
3	8/4/2022	25752	25584	32	Marcellus
4	8/4/2022	25556	25388	32	Marcellus
5	8/4/2022	25360	25192	32	Marcellus
6	8/14/2022	25164	24996	32	Marcellus
7	8/14/2022	24968	24800	32	Marcellus
8	8/14/2022	24772	24604	32	Marcellus
9	8/14/2022	24576	24408	32	Marcellus
10	8/15/2022	24380	24212	32	Marcellus
11	8/15/2022	24184	24016	32	Marcellus
12	8/15/2022	23988	23820	32	Marcellus
13	8/16/2022	23792	23624	32	Marcellus
14	8/16/2022	23596	23428	32	Marcellus
15	8/16/2022	23400	23232	32	Marcellus
16	8/16/2022	23204	23036	32	Marcellus
17	8/17/2022	23008	22840	32	Marcellus
18	8/18/2022	22812	22644	32	Marcellus
19	8/18/2022	22616	22448	32	Marcellus
20	8/18/2022	22420	22252	32	Marcellus
21	8/18/2022	22224	22056	32	Marcellus
22	8/19/2022	22028	21860	32	Marcellus
23	8/19/2022	21832	21664	32	Marcellus
24	8/19/2022	21636	21468	32	Marcellus
25	8/19/2022	21440	21272	32	Marcellus
26	8/20/2022	21244	21076	32	Marcellus
27	8/20/2022	21048	20880	32	Marcellus
28	8/21/2022	20852	20684	32	Marcellus
29	8/21/2022	20656	20488	32	Marcellus
30	8/22/2022	20460	20292	32	Marcellus
31	8/22/2022	20264	20096	32	Marcellus
32	8/22/2022	20068	19900	32	Marcellus
33	8/22/2022	19872	19704	32	Marcellus
34	8/22/2022	19676	19508	32	Marcellus
35	8/23/2022	19480	19312	32	Marcellus
36	8/23/2022	19284	19116	32	Marcellus
37	8/23/2022	19088	18920	32	Marcellus
38	8/24/2022	18892	18724	32	Marcellus
39	8/24/2022	18696	18528	32	Marcellus
40	8/24/2022	18500	18332	32	Marcellus
41	8/24/2022	18304	18136	32	Marcellus
42	8/25/2022	18108	17940	32	Marcellus
43	8/25/2022	17912	17744	32	Marcellus
44	8/25/2022	17716	17548	32	Marcellus
45	8/26/2022	17520	17352	32	Marcellus
46	8/26/2022	17324	17156	32	Marcellus
47	8/26/2022	17128	16960	32	Marcellus
48	8/26/2022	16932	16764	32	Marcellus
49	8/27/2022	16736	16568	32	Marcellus
50	8/27/2022	16540	16372	32	Marcellus
51	8/27/2022	16344	16176	32	Marcellus
52	8/27/2022	16148	15980	32	Marcellus
53	8/28/2022	15952	15784	32	Marcellus
54	8/28/2022	15756	15588	32	Marcellus
55	8/28/2022	15560	15392	32	Marcellus

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56	8/28/2022	15364	15196	32	Marcellus
57	8/29/2022	15168	15000	32	Marcellus
58	8/29/2022	14972	14804	32	Marcellus
59	8/29/2022	14776	14608	32	Marcellus
60	8/30/2022	14580	14412	32	Marcellus
61	8/30/2022	14384	14216	32	Marcellus
62	8/30/2022	14188	14020	32	Marcellus
63	8/30/2022	13992	13824	32	Marcellus
64	8/31/2022	13796	13628	32	Marcellus
65	8/31/2022	13600	13432	32	Marcellus
66	8/31/2022	13404	13236	32	Marcellus
67	8/31/2022	13207	13039	32	Marcellus
68	8/31/2022	13009	12841	32	Marcellus
69	8/31/2022	12811	12643	32	Marcellus
70	9/1/2022	12613	12445	32	Marcellus
71	9/1/2022	12415	12247	32	Marcellus
72	9/1/2022	12217	12049	32	Marcellus
73	9/2/2022	12019	11851	32	Marcellus
74	9/2/2022	11821	11653	32	Marcellus
75	9/2/2022	11623	11455	32	Marcellus
76	9/2/2022	11425	11257	32	Marcellus
77	9/2/2022	11227	11059	32	Marcellus
78	9/3/2022	11029	10861	32	Marcellus
79	9/3/2022	10831	10663	32	Marcellus
80	9/3/2022	10633	10465	32	Marcellus
81	9/3/2022	10435	10267	32	Marcellus
82	9/4/2022	10237	10069	32	Marcellus
83	9/4/2022	10039	9871	32	Marcellus
84	9/4/2022	9841	9673	32	Marcellus
85	9/4/2022	9643	9475	32	Marcellus
86	9/5/2022	9445	9277	32	Marcellus
87	9/5/2022	9247	9079	32	Marcellus
88	9/5/2022	9049	8881	32	Marcellus
89	9/5/2022	8851	8683	32	Marcellus
90	9/5/2022	8653	8485	32	Marcellus
91	9/6/2022	8455	8287	32	Marcellus
92	9/6/2022	8257	8089	32	Marcellus
93	9/6/2022	8059	7891	32	Marcellus
94	9/6/2022	7861	7693	32	Marcellus
95	9/6/2022	7663	7495	32	Marcellus
96	9/7/2022	7465	7297	32	Marcellus

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Stimulation Summary

Stage #	Date	Ave Pump Rate (BPM)	Ave Treatment Press (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Proppant (LBS)	Water (BBLs)
Sleeve/1	7/17/2022	76.8	9497	12325	3703	270000	8,178
2	8/3/2022	82.0	10,075	6,949	4,498	700000	14,952
3	8/4/2022	84.0	10,241	6,549	5,764	700000	15,371
4	8/4/2022	84.6	10,143	6,368	5,537	702500	13,288
5	8/4/2022	86.0	10,012	6,596	5,467	702500	12,904
6	8/14/2022	84.0	10,381	6,654	5,223	705000	11,803
7	8/14/2022	85.0	10,433	6,567	5,425	700000	11,940
8	8/14/2022	81.0	10,399	6,868	5,217	609000	11,408
9	8/14/2022	80.9	10,445	6,445	4,878	705500	9,876
10	8/15/2022	81.0	10,507	6,221	5,064	705500	9,812
11	8/15/2022	86.0	10,447	6,218	5,622	705500	9,977
12	8/15/2022	83.6	10,205	6,009	5,445	705500	10,024
13	8/16/2022	88.2	10,276	6,352	5,929	705500	9,891
14	8/16/2022	87.0	10,156	6,125	5,269	705500	10,049
15	8/16/2022	88.0	10,136	2,615	5,498	705500	9,987
16	8/16/2022	89.0	10,140	6,207	5,094	705500	9,849
17	8/17/2022	81.0	10,305	6,032	5,177	690050	9,876
18	8/18/2022	84.6	10,194	7,247	5,486	690000	9,989
19	8/18/2022	92.0	10,026	7,439	5,212	690000	9,851
20	8/18/2022	86.0	10,305	6,078	5,182	690000	9,892
21	8/18/2022	89.3	10,391	4,953	5,123	690010	9,799
22	8/19/2022	83.0	10,189	7,265	5,461	690000	9,840
23	8/19/2022	89.0	10,121	6,065	5,166	690000	9,760
24	8/19/2022	94.0	10,172	6,607	5,332	690000	9,874
25	8/19/2022	93.0	10,107	7,855	5,242	690000	9,891
26	8/20/2022	90.0	10,281	7,717	4,888	690000	9,718
27	8/20/2022	88.0	10,359	8,677	4,722	690000	11,181
28	8/21/2022	87.0	10,258	7,107	5,362	690000	9,841
29	8/21/2022	90.0	10,243	7,043	5,760	690000	9,970
30	8/22/2022	85.6	10,406	7,028	4,590	690000	9,868
31	8/22/2022	87.0	10,234	6,920	4,917	690000	9,794
32	8/22/2022	88.0	10,281	5,799	5,198	690000	9,702
33	8/22/2022	88.0	10,372	6,160	5,144	690000	9,880
34	8/22/2022	88.0	10,266	6,562	4,734	690000	9,790
35	8/23/2022	91.0	10,348	7,443	5,952	690000	10,026
36	8/23/2022	88.0	10,022	6,258	4,642	690000	10,737
37	8/23/2022	92.3	10,173	6,421	5,467	693700	9,886
38	8/24/2022	88.7	10,322	6,771	5,071	690000	9,876
39	8/24/2022	90.0	10,341	6,694	5,946	690000	9,795
40	8/24/2022	91.0	10,214	6,044	5,400	690000	10,991
41	8/24/2022	96.0	10,254	6,648	5,214	690000	9,987
42	8/25/2022	89.0	10,280	7,398	5,719	690000	9,767
43	8/25/2022	92.0	10,381	6,549	5,698	690000	9,762
44	8/25/2022	93.0	10,319	6,247	5,422	690000	9,671
45	8/26/2022	91.0	10,149	7,424	5,818	690000	10,968
46	8/26/2022	92.0	10,204	6,596	5,906	690000	9,814
47	8/26/2022	95.0	10,368	6,549	5,596	690000	9,604
48	8/26/2022	92.0	10,203	6,718	5,894	690000	9,591
49	8/27/2022	90.4	10,058	7,560	5,174	690000	9,764
50	8/27/2022	92.0	10,300	7,635	5,250	690000	9,719
51	8/27/2022	95.0	10,331	7,020	6,208	690000	9,682
52	8/27/2022	97.0	10,286	6,985	5,764	690000	9,642
53	8/28/2022	95.1	10,128	6,150	5,334	690000	9,750
54	8/28/2022	85.2	9,805	7,473	4,627	690000	9,684

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55	8/28/2022	90.0	10,172	6,652	5,426	690000	9,514
56	8/28/2022	104.0	10,252	6,824	5,003	690000	9,495
57	8/29/2022	99.0	9,767	6,927	4,641	690000	10,634
58	8/29/2022	93.0	10,232	5,910	4,825	690000	9,641
59	8/29/2022	103.0	10,343	6,257	5,759	690000	9,603
60	8/30/2022	102.0	10,035	6,171	4,741	690000	9,758
61	8/30/2022	101.5	9,940	6,538	4,969	690000	9,720
62	8/30/2022	105.0	10,185	6,810	5,056	690000	9,714
63	8/30/2022	106.0	10,289	6,665	5,377	690000	9,731
64	8/31/2022	107.0	10,152	6,570	5,644	675500	9,366
65	8/31/2022	106.0	10,126	5,811	5,322	680000	9,635
66	8/31/2022	103.0	9,988	6,205	5,315	680000	9,564
67	8/31/2022	109.0	9,988	N/A	5,315	681000	9,564
68	8/31/2022	108.0	9,958	6,467	5,292	680000	9,452
69	8/31/2022	103.0	9,507	6,371	5,229	684550	9,692
70	9/1/2022	100.0	9,169	6,596	5,062	680000	9,447
71	9/1/2022	107.0	9,229	6,090	5,483	680000	9,568
72	9/1/2022	108.0	10,028	6,880	5,289	680000	9,355
73	9/2/2022	103.0	9,655	6,450	5,058	680000	9,606
74	9/2/2022	107.0	9,990	6,398	5,445	680000	9,669
75	9/2/2022	88.0	9,620	6,247	5,370	680000	9,491
76	9/2/2022	99.0	10,143	6,903	5,215	680000	9,475
77	9/2/2022	94.1	9,394	6,503	5,160	680000	9,575
78	9/3/2022	97.0	10,020	7,177	5,146	680000	9,569
79	9/3/2022	104.0	9,774	6,840	4,283	680000	9,540
80	9/3/2022	109.0	9,380	N/A	5,866	680000	9,374
81	9/3/2022	107.0	9,528	5,997	4,182	667040	10,373
82	9/4/2022	108.0	9,153	5,689	5,019	680000	9,719
83	9/4/2022	107.0	9,357	5,741	4,348	680000	9,615
84	9/4/2022	107.0	9,500	5,811	5,975	662600	9,382
85	9/4/2022	106.0	9,697	6,060	5,680	680000	9,408
86	9/5/2022	103.0	9,149	6,735	4,947	680000	10,816
87	9/5/2022	107.0	9,336	7,561	5,152	680000	9,507
88	9/5/2022	109.0	9316	6754	4399	680000	9512
89	9/5/2022	110.0	9100	7508	5584	680000	9230
90	9/5/2022	110.0	9243	7217	5478	680000	10108
91	9/6/2022	107.0	9256	7543	5128	680000	9415
92	9/6/2022	105.0	8420	7268	5005	680000	9483
93	9/6/2022	108.0	9091	6119	5352	680000	9499
94	9/6/2022	110.0	9044	7386	5585	680000	9427
95	9/6/2022	104.0	8069	7357	5104	680000	10091
96	9/7/2022	102.0	8905	7609	4238	680000	11388

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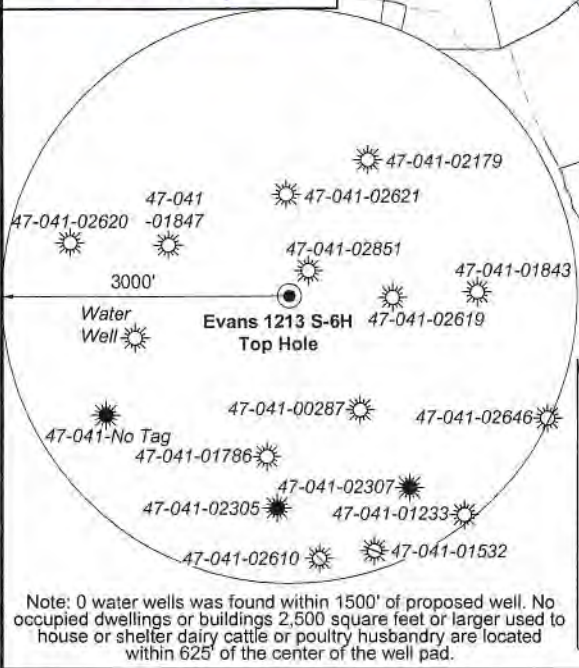
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HG Energy II Appalachia, LLC
Well No. Evans 1213 S-6H
As-Drilled
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I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Kevin S. James
Kevin S. James, P.S. 2305



Note: 0 water wells was found within 1500' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



9,088' to Bottom Hole
4,293' to Top Hole
TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 05 - 00
TOP LONGITUDE 80 - 30 - 00
BTM LONGITUDE 80 - 27 - 30
3,469' to Top Hole
5,894' to Bottom Hole

Tag	Bearing	Dist.	Description
L1	N 89°55' W	1,074.3'	#47-041-02619
L2	S 66°38' E	1,373.1'	#47-041-01847
L3	S 26°48' E	519.0'	Gate Post
L4	S 11°12' E	2,489.6'	5/8" Rebar w/cap

FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 S-6H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

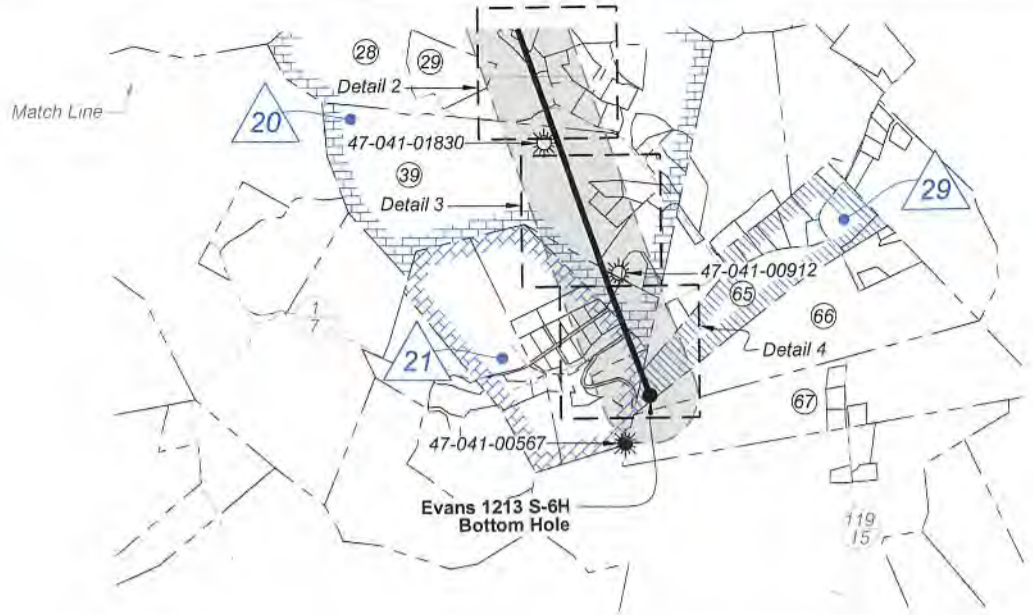
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: November 8 20 22
OPERATOR'S WELL NO. Evans 1213 S-6H
API WELL NO
47 - 041 - 05722
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,227.6' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: Suzanne L. Evans & James M., III
ROYALTY OWNER: Mary C. Burnside, et al, et al LEASE NO: _____ ACREAGE: 294.00
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,902' TVD 26,088' MD

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

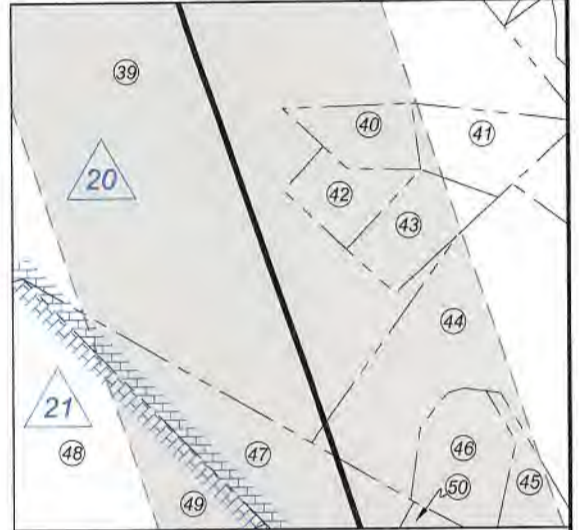
05/17/2024



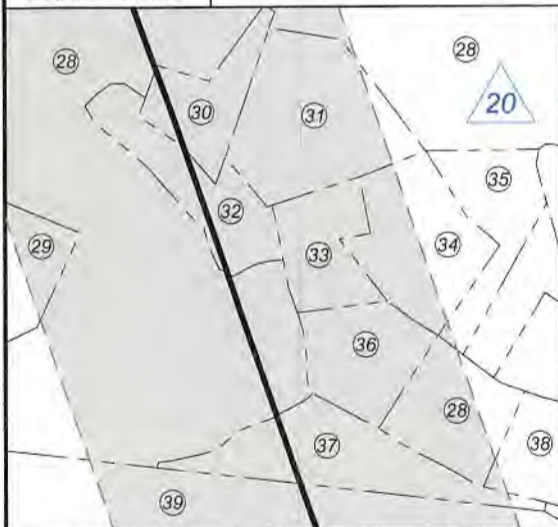
Detail 1 - 1"=500'



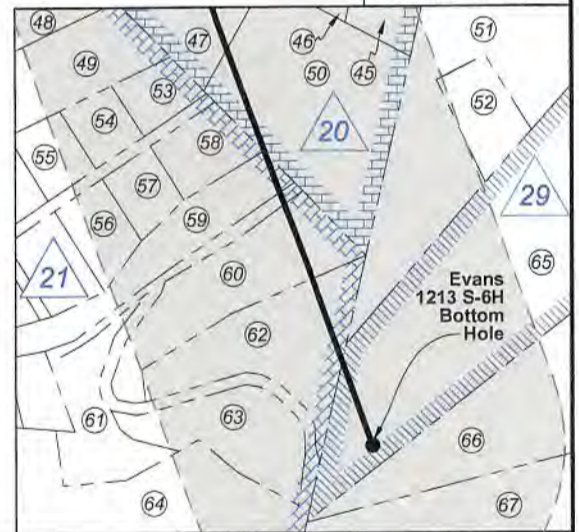
Detail 3 - 1"=500'



Detail 2 - 1"=500'



Detail 4 - 1"=500'



FILE NO: 235-36-12-19

DRAWING NO: Evans 1213 S-6H Well Plat

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:
Submeter

PROVEN SOURCE OF ELEVATION:
CORS, Bridgeport, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
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DATE: November 8 20 22

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47 - 041 - 05722
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PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled

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ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

QUADRANGLE: Btm: Weston
Top: Camden
COUNTY: Lewis

ACREAGE: 294.00

ACREAGE: 294.00

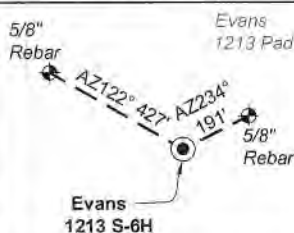
05/17/2024



ID	Lease
2	J.S. Norris
4	Mary C. Burnside, et al
7	L.E. Gall, et al
9	John W. Norris
12	J.E. Norris, et ux
14	Erma J. Bennett, et al
20	T. Lee Hudkins, et ux
21	Cassie G. Stuart
22	S.H. Bailey, widower
23	Pearl Stalnaker
24	Franklin McKinley, et ux
29	Lydia L. Bailey, et al

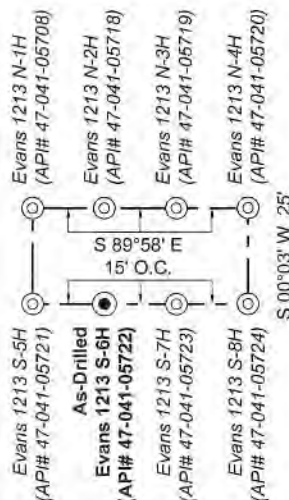
Notes:
Well No. Evans 1213 S-6H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,067.27'
E: 1,777,991.97'
Landing Point Coordinates
N: 14,205,278.52'
E: 1,778,841.61'
Bottom Hole Coordinates
N: 14,187,510.41'
E: 1,785,120.19'

**Well Location References
Not to Scale**



Notes: Well No. Evans 1213 S-6H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°06'55.71" Latitude: 39°04'01.72"
Longitude: 80°30'54.48" Longitude: 80°29'25.27"
UTM Zone 17, NAD 1983
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N: 4,329,713.163m N: 4,324,361.822m
E: 541,933.036m E: 544,105.722m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.

Wellhead Layout (NTS)



Legend

- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Adjoiner surface tracts (approx.)

Lewis Co. - Freeman Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	6C / 4	Suzanne L. & James M. Evans, III	657 / 228	294.00
2	6C / 3.2	John K. Burnside & Bertha F. Benedum	666 / 44	115.00
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4	6C / 21	Clarence C. Thacker, et al	445 / 493	166.25
5	6C / 20	Eastern Gas Transmission & Storage Inc.	111 / 361	25.14
6	6C / 9	Bradford A. & Michelle D. Taylor	762 / 891	63.00
7	6D / 103	Bradford A. & Michelle D. Taylor	762 / 891	73.27
8	6C / 18	Bradford A. & Michelle D. Taylor	762 / 891	76.50
9	6C / 12	Bradford A. Taylor	673 / 1	101.78
10	6D / 102	Bradford A. Taylor	673 / 1	6.62
11	6D / 4	Bradford A. Taylor	556 / 165	48.00
12	6D / 22	Wanda A. White	769 / 66	123.00
13	6D / 5	David B. Hall & Wendall S. Hall	W29 / 176	196.50
14	6D / 6	James R. & Mary Lou Myers (LE)	727 / 811	71.50
15	6D / 21	James R. & Mary Lou Myers (LE)	727 / 811	95.00
16	6D / 20	Thome E. & Ladonna J. Cayton	551 / 145	2.50
17	6D / 18	Thome E. & Ladonna J. Cayton	551 / 145	18.50
18	6D / 19	Thome E. & Ladonna J. Cayton	551 / 145	78.90
19	6D / 19.4	Jesse & Bobbi Jo Bell	720 / 844	1.68
20	6D / 19.7	Jesse & Bobbi Jo Bell	720 / 844	0.73
21	6D / 18.1	Jesse & Bobbi Jo Bell	720 / 844	0.50
22	6D / 16	Brian K. & Sherri Skidmore	713 / 848	2.00
23	6D / 17	Raymond M. Peters	610 / 706	74.75
24	6D / 15.1	Tanya A. Cayton	748 / 248	0.34
25	6D / 19.5	Crawford & Alice A. Byrd	342 / 303	0.46
26	6D / 19.2	Thome E. & Ladonna J. Cayton	307 / 535	0.53
27	6D / 15	Thome E. & Ladonna J. Cayton	551 / 145	18.66
28	6E / 13	Charles F. Sumpter	600 / 507	123.45
29	6E / 13.2	Joseph F. Anita D. Karp	570 / 210	11.18
30	6E / 13.4	William E. & Katrina D. Posey	582 / 366	1.43
31	6E / 13.1	Chandra & Melissa Krinov	596 / 482	3.38
32	6E / 13.13	William E. & Katrina D. Posey	604 / 500	1.89
33	6E / 13.7	Dustin & Mona Moodispaw	590 / 316	1.50
34	6E / 13.8	Steve & Linda Cornell	592 / 490	2.48
35	6E / 13.16	Steve & Linda Cornell	644 / 39	1.66
36	6E / 13.5	Dustin & Mona Moodispaw	586 / 497	1.75
37	6E / 13.10	Tony D. & Brande D. Fisher	598 / 506	2.65
38	6E / 13.6	Cecil & Rose Clark	617 / 240	1.22
39	6E / 14	Linda Wright	F31 / 130	89.12
40	6E / 14.4	Tom McNemar	W49 / 290	1.00
41	6E / 14.2	Linda Wright	F31 / 130	1.49
42	6E / 14.5	Charles McNemar	453 / 617	1.00
43	6E / 14.3	Tom McNemar	W49 / 290	1.35
44	6E / 14.1	Linda Wright	F31 / 130	8.20
45	6E / 14.6	Richard D. & Patricia A. Wine	461 / 259	1.10
46	6E / 14.7	Richard D. & Patricia A. Wine	461 / 259	1.74
47	6E / 15.1	Robert H. & Janet E. Barnett	614 / 466	4.59
48	6E / 16.5	Granville & Kay Hosey	490 / 162	16.00
49	6E / 16.7	Pamela E. Carpenter	573 / 431	2.64
50	6E / 15	Robert H. & Janet E. Barnett	602 / 516	4.59
51	6E / 25	Denise Renee Smith	W49 / 627	11.81
52	6E / 25.1	Linda Weaver	701 / 521	0.94
53	13 / 6	Robert H. & Janet E. Barnett	341 / 150	0.64
54	13 / 5	Robert H. & Janet E. Barnett	341 / 150	0.59
55	13 / 4	John A. Hefner	584 / 681	0.65
56	13 / 9	Delmer J. & Helen T. Butcher	554 / 554	0.77
57	13 / 8	WBR Rentals, LLC	697 / 315	0.63
58	13 / 7	Nigel J. Bean	737 / 788	0.86
59	13 / 14	Eugene R. Calhoun, et al	623 / 295	2.02
60	6E / 16.14	Bernard J. Cutler & Beatrice Hamilton	672 / 623	2.77
61	6E / 16.13	Jeffrey L. Fisher	620 / 105	1.47
62	6E / 16.10	Herbert W. Bleigh	748 / 57	2.65
63	6E / 16.15	Herbert W. Bleigh	678 / 452	1.76
64	6E / 16.6	Herbert W. Bleigh	526 / 181	10.27
65	6E / 24	Elizabeth A. Henline, et al	W55 / 143	34.77
66	6E / 23.1	Joanna E. & Kevin N. Britton	663 / 377	48.58
67	6E / 22.2	Broad Run Baptist Church	314 / 411	53.66

FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 S-6H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
CORS, Bridgeport, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: November 8 2022
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API WELL NO
47 - 041 - 05722
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,227.6' WATERSHED: Middle West Fork Creek

Btm: Weston
QUADRANGLE: Top: Camden

DISTRICT: Freemans Creek

COUNTY: **05/17/2024**

SURFACE OWNER: Suzanne L. Evans & James M., III

ACREAGE: 294.00

ROYALTY OWNER: Mary C. Burnside, et al, et al

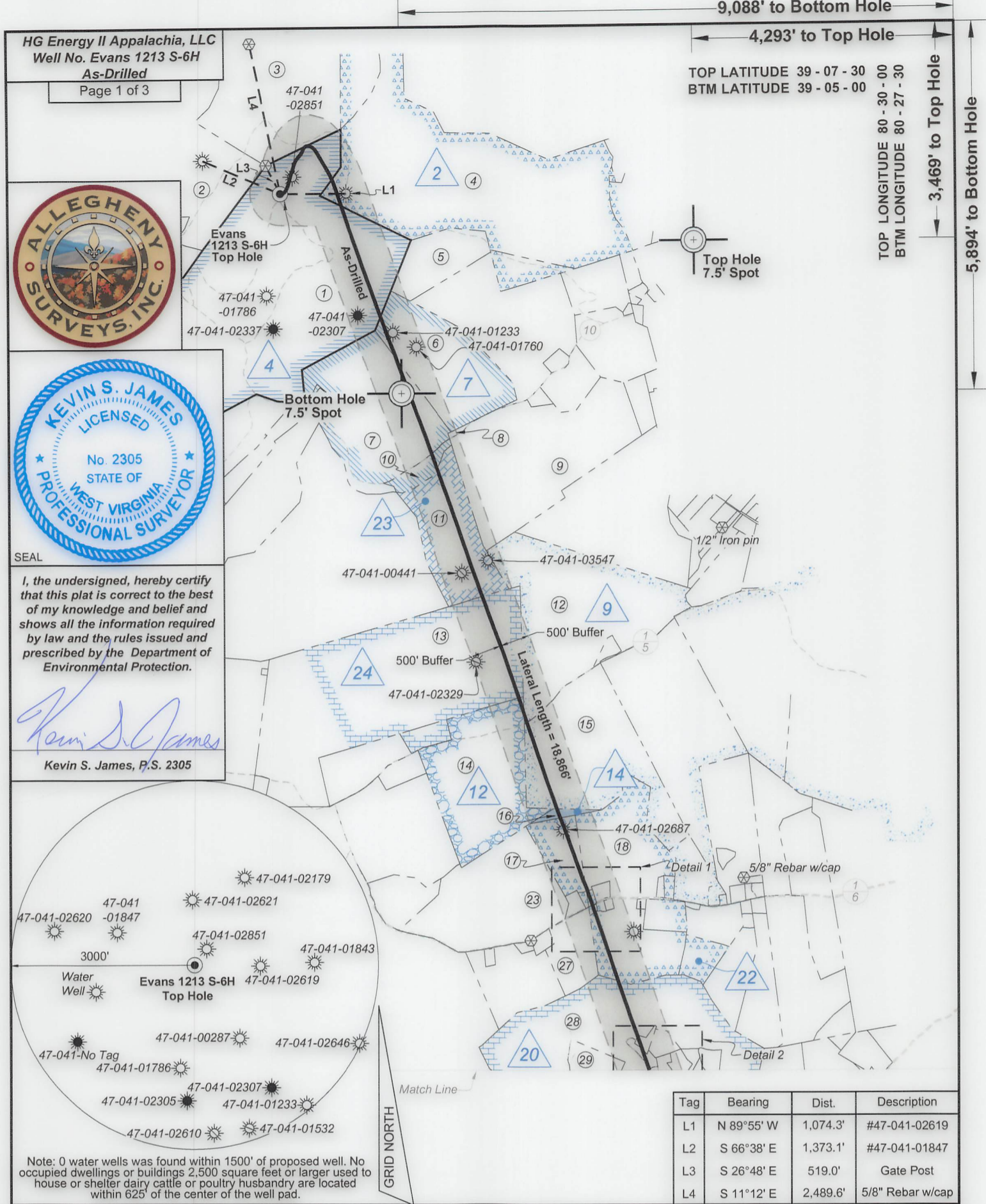
LEASE NO: _____ ACREAGE: 294.00

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,902' TVD 26,088' MD

WELL OPERATOR: HG Energy II Appalachia, LLC
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101



9,088' to Bottom Hole

4,293' to Top Hole

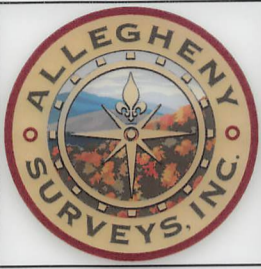
TOP LATITUDE 39 - 07 - 30 00
BTM LATITUDE 39 - 05 - 00

TOP LONGITUDE 80 - 30 - 00
BTM LONGITUDE 80 - 27 - 30

3,469' to Top Hole

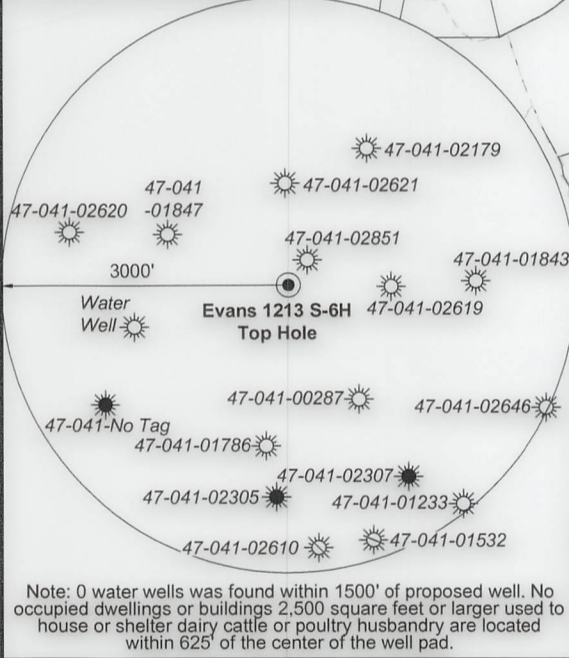
5,894' to Bottom Hole

HG Energy II Appalachia, LLC
Well No. Evans 1213 S-6H
As-Drilled
Page 1 of 3



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.

Kevin S. James
Kevin S. James, P.S. 2305



Note: 0 water wells was found within 1500' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

Tag	Bearing	Dist.	Description
L1	N 89°55' W	1,074.3'	#47-041-02619
L2	S 66°38' E	1,373.1'	#47-041-01847
L3	S 26°48' E	519.0'	Gate Post
L4	S 11°12' E	2,489.6'	5/8" Rebar w/cap

FILE NO: 235-36-12-19
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SCALE: 1" = 2000'
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STATE OF WEST VIRGINIA
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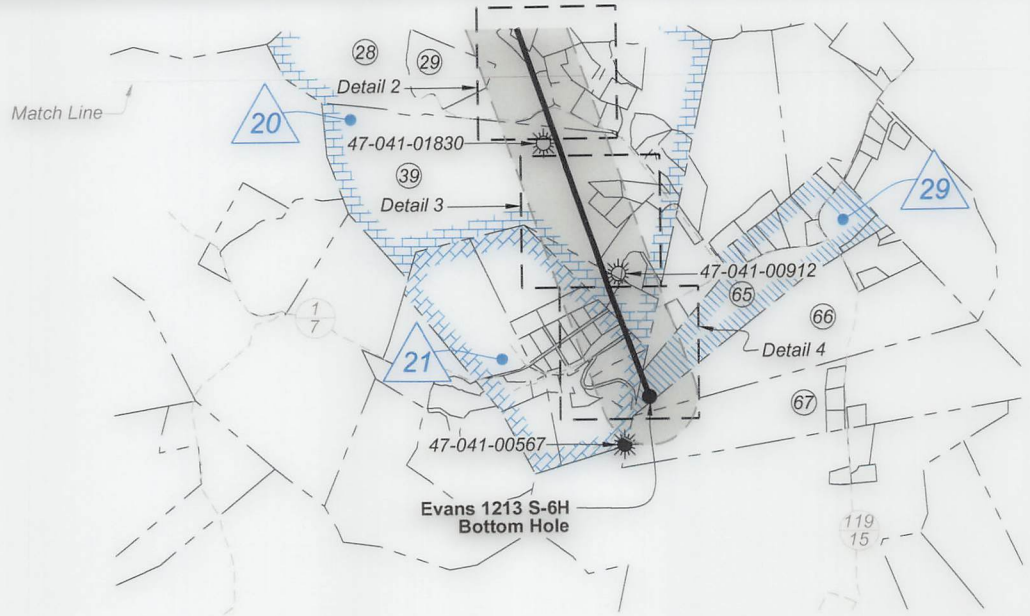
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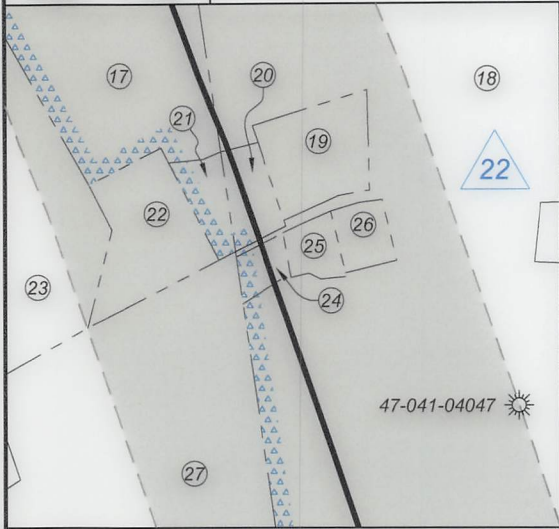
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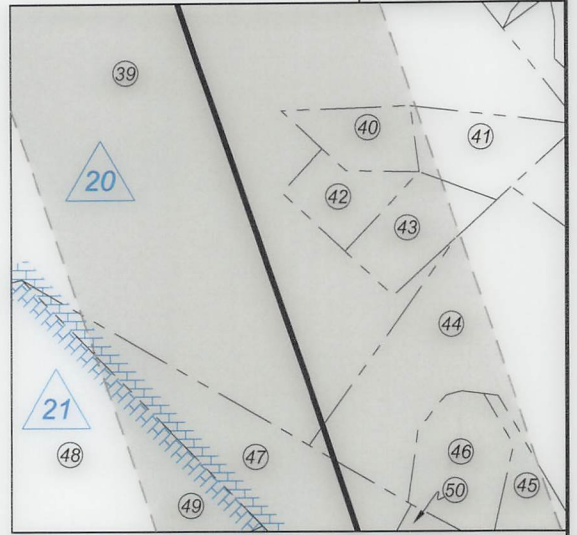
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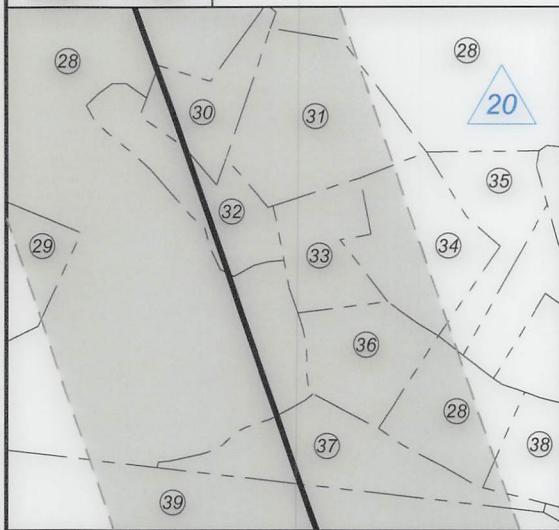
Detail 1 - 1"=500'



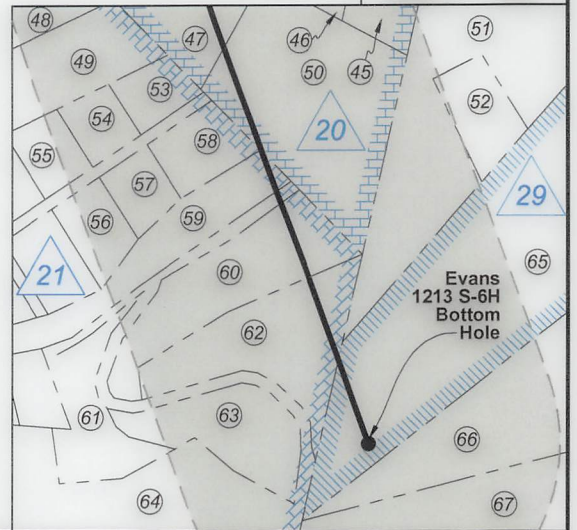
Detail 3 - 1"=500'



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Detail 4 - 1"=500'



FILE NO: 235-36-12-19
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STATE OF WEST VIRGINIA
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QUADRANGLE: Top: Camden
COUNTY: Putnam

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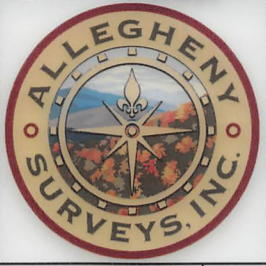
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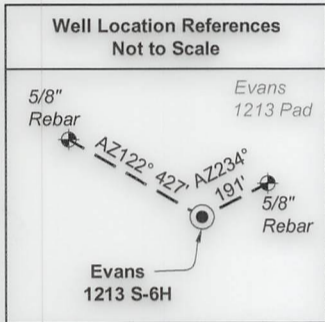
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05/17/2024



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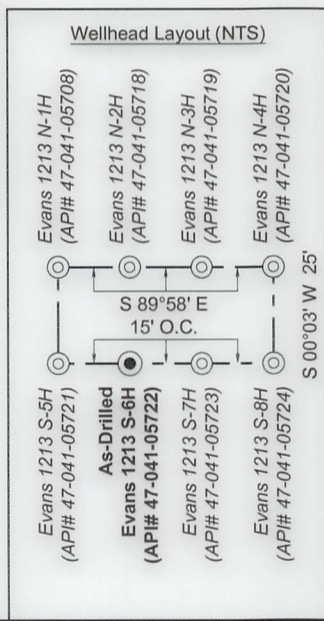
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42	6E / 14.5	Charles McNemar	453 / 617 1.00
43	6E / 14.3	Tom McNemar	W49 / 290 1.35
44	6E / 14.1	Linda Wright	F31 / 130 8.20
45	6E / 14.6	Richard D. & Patricia A. Wine	461 / 259 1.10
46	6E / 14.7	Richard D. & Patricia A. Wine	461 / 259 1.74
47	6E / 15.1	Robert H. & Janet E. Barnett	614 / 466 4.59
48	6E / 16.5	Granville & Kay Hoesy	490 / 162 16.00
49	6E / 16.7	Pamela E. Carpenter	573 / 431 2.64
50	6E / 15	Robert H. & Janet E. Barnett	602 / 516 4.59
51	6E / 25	Denise Renee Smith	W49 / 627 11.81
52	6E / 25.1	Linda Weaver	701 / 521 0.94
53	13 / 6	Robert H. & Janet E. Barnett	341 / 150 0.64
54	13 / 5	Robert H. & Janet E. Barnett	341 / 150 0.59
55	13 / 4	John A. Hefner	584 / 681 0.65
56	13 / 9	Delmer J. & Helen T. Butcher	554 / 554 0.77
57	13 / 8	WBR Rentals, LLC	697 / 315 0.63
58	13 / 7	Nigel J. Bean	737 / 788 0.86
59	13 / 14	Eugene R. Calhoun, et al	623 / 295 2.02
60	6E / 16.14	Bernard J. Cutler & Beatrice Hamilton	672 / 623 2.77
61	6E / 16.13	Jeffrey L. Fisher	620 / 105 1.47
62	6E / 16.10	Herbert W. Bleigh	748 / 57 2.65
63	6E / 16.15	Herbert W. Bleigh	678 / 452 1.76
64	6E / 16.6	Herbert W. Bleigh	526 / 181 10.27
65	6E / 24	Elizabeth A. Henline, et al	W55 / 143 34.77
66	6E / 23.1	Joanna E. & Kevin N. Britton	663 / 377 48.58
67	6E / 22.2	Broad Run Baptist Church	314 / 411 53.66

FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 S-6H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
CORS, Bridgeport, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: November 8 2022
OPERATOR'S WELL NO. Evans 1213 S-6H
API WELL NO
47 - 041 - 05722
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,227.6' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: Suzanne L. Evans & James M., III
ROYALTY OWNER: Mary C. Burnside, et al, et al LEASE NO: ACREAGE: 294.00
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,902' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,088' MD

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101