

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

API 47-041-05721 County Lewis District Freemans Creek
Quad Camden Pad Name Evans 1213 Field/Pool Name Kennedy
Farm name Evans Well Number Evans 1213 S5H
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 4329713.166 Easting 541928.465
Landing Point of Curve Northing 4329640 Easting 541852
Bottom Hole Northing 4324426.522 Easting 543685.503

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 5/03/2021 Date drilling commenced 5/14/2021 Date drilling ceased 3/23/2022
Date completion activities began 8/3/2022 Date completion activities ceased 9/9/2022
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

Reviewed by: *[Signature]*
APPROVED
05/17/2024

API 47-041 - 05721

Farm name Evans

Well number Evans 1213 S5H

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"	1129	New	94 lbs/ft J-55		Yes, 90 bbl to surface
Coal							
Intermediate 1	17.5"	13.375"	2066	New	68 lbs/ft J55		Yes, 346 bbl to surface
Intermediate 2	12.25	9.625"	4701	New	40 lbs/ft N80		Yes, 20 bbl to surface
Intermediate 3							
Production	8.5	5.5	25325	New	23 lbs/ft P-110HP		Yes, 126 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	2056	15.6	1.18	2426	Surface	8
Coal							
Intermediate 1	Class A	2368/1037	16.0/16.4	1.16/1.12	2747/1161	Surface	24
Intermediate 2	Class A	561/132	10.5/15.2	2.2/1.25	1234/165	Surface	8
Intermediate 3							
Production	Class A	308/144/4108	13.5/13.5/14.8	1.82/1.67/1.33	560/240/5464	Surface	8
Tubing							

Drillers TD (ft) ²⁵³⁵⁵ _____ Loggers TD (ft) _____
 Deepest formation penetrated Marcellus Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) ⁶¹⁹⁸ _____

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

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____ RECEIVED _____
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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____ FEB 26 2024

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____ WV Department of Environmental Protection

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HG Energy II Appalachia, LLC

Evans 1213 S-5H

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	1169	drill	1129	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	2000	2000	2020	2020
Casing depth	2087	drill	2066	set
Thirty foot Sand	2095	2095	2131	2131
Gordon Stray sand	2145	2145	2182	2182
Gordon sand	2182	2182	2256	2256
5th sand	2392	2391	2434	2433
Bayard sand	2478	2476	2506	2504
Warren	2798	2792	2819	2815
Spechley	3106	3098	3124	3117
Balltown	3330	3319	3392	3379
Benson	4473	4433	4505	4463
9 5-/8" casing depth	4741	drill	4701	set
Rhinestreet	6116	6028	6389	6281
Cashaqua	6389	6281	6596	6459
Middlesex	6596	6459	6746	6572
West River	6746	6572	6878	6657
Burket	6878	6657	6893	6665
Tully	6893	6665	7048	6749
Hamilton	7048	6749	7205	6800
Marcellus shale	7205	6800	25355	6894

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Perforation Record

Stage #	Date	Perforation From Depth	Perforation to Depth	Number of Perforations	Formation
Sleeve/1	8/5/2022	25272	25246	2	Marcellus
2	8/13/2022	25212	25044	32	Marcellus
3	8/14/2022	25016	24848	32	Marcellus
4	8/14/2022	24820	24652	32	Marcellus
5	8/15/2022	24624	24456	32	Marcellus
6	8/15/2022	24428	24260	32	Marcellus
7	8/15/2022	24232	24064	32	Marcellus
8	8/15/2022	24036	23868	32	Marcellus
9	8/16/2022	23840	23672	32	Marcellus
10	8/16/2022	23644	23476	32	Marcellus
11	8/16/2022	23448	23280	32	Marcellus
12	8/17/2022	23252	23084	32	Marcellus
13	8/17/2022	23056	22888	32	Marcellus
14	8/18/2022	22860	22692	32	Marcellus
15	8/18/2022	22664	22496	32	Marcellus
16	8/18/2022	22468	22300	32	Marcellus
17	8/18/2022	22272	22104	32	Marcellus
18	8/19/2022	22076	21908	32	Marcellus
19	8/19/2022	21880	21712	32	Marcellus
20	8/19/2022	21684	21516	32	Marcellus
21	8/20/2022	21488	21320	32	Marcellus
22	8/20/2022	21292	21124	32	Marcellus
23	8/20/2022	21096	20928	32	Marcellus
24	8/21/2022	20900	20732	32	Marcellus
25	8/21/2022	20704	20536	32	Marcellus
26	8/21/2022	20508	20340	32	Marcellus
27	8/22/2022	20312	20144	32	Marcellus
28	8/22/2022	20116	19948	32	Marcellus
29A	8/22/2022	19920	19752	32	Marcellus
29B	8/23/2022	19920	19716	60	Marcellus
30	8/23/2022	19689	19542	32	Marcellus
31	8/23/2022	19515	19360	32	Marcellus
32	8/23/2022	19332	19164	32	Marcellus
33	8/24/2022	19136	18968	32	Marcellus
34	8/24/2022	18940	18772	32	Marcellus
35	8/24/2022	18744	18576	32	Marcellus
36	8/24/2022	18548	18380	32	Marcellus
37	8/24/2022	18352	18184	32	Marcellus
38	8/25/2022	18156	17988	32	Marcellus
39	8/25/2022	17960	17792	32	Marcellus
40	8/25/2022	17764	17596	32	Marcellus
41	8/26/2022	17568	17400	32	Marcellus
42	8/26/2022	17372	17204	32	Marcellus
43	8/26/2022	17176	17008	32	Marcellus
44	8/27/2022	16980	16812	32	Marcellus
45	8/27/2022	16784	16616	32	Marcellus
46	8/27/2022	16588	16420	32	Marcellus
47	8/27/2022	16392	16224	32	Marcellus
48	8/28/2022	16196	16028	32	Marcellus
49	8/28/2022	16000	15832	32	Marcellus
50	8/28/2022	15804	15636	32	Marcellus
51	8/28/2022	15608	15440	32	Marcellus
52	8/29/2022	15412	15244	32	Marcellus
53	8/29/2022	15216	15048	32	Marcellus

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54	8/29/2022	15020	14852	32	Marcellus
55	8/29/2022	14824	14656	32	Marcellus
56	8/30/2022	14628	14460	32	Marcellus
57	8/30/2022	14432	14264	32	Marcellus
58	8/30/2022	14236	14068	32	Marcellus
59	8/30/2022	14040	13872	32	Marcellus
60	8/31/2022	13844	13676	32	Marcellus
61	8/31/2022	13648	13480	32	Marcellus
62	8/31/2022	13452	13284	32	Marcellus
63	8/31/2022	13256	13088	32	Marcellus
64	8/31/2022	13060	12892	32	Marcellus
65	9/1/2022	12864	12696	32	Marcellus
66	9/1/2022	12668	12500	32	Marcellus
67	9/1/2022	12472	12304	32	Marcellus
68	9/1/2022	12276	12108	32	Marcellus
69	9/2/2022	12081	11913	32	Marcellus
70	9/2/2022	11887	11719	32	Marcellus
71	9/2/2022	11693	11525	32	Marcellus
72	9/2/2022	11499	11331	32	Marcellus
73	9/2/2022	11305	11137	32	Marcellus
74	9/3/2022	11111	10943	32	Marcellus
75	9/3/2022	10917	10749	32	Marcellus
76	9/3/2022	10723	10555	32	Marcellus
77	9/3/2022	10529	10361	32	Marcellus
78	9/4/2022	10335	10167	32	Marcellus
79	9/4/2022	10141	9973	32	Marcellus
80	9/4/2022	9947	9779	32	Marcellus
81	9/4/2022	9753	9585	32	Marcellus
82	9/5/2022	9559	9391	32	Marcellus
83	9/5/2022	9365	9197	32	Marcellus
84	9/5/2022	9171	9003	32	Marcellus
85	9/5/2022	8977	8809	32	Marcellus
86	9/5/2022	8783	8615	32	Marcellus
87	9/5/2022	8589	8421	32	Marcellus
88	9/6/2022	8395	8227	32	Marcellus
89	9/6/2022	8201	8033	32	Marcellus
90	9/6/2022	8007	7839	32	Marcellus
91	9/7/2022	7813	7645	32	Marcellus
92	9/7/2022	7619	7451	32	Marcellus
93	9/7/2022	7425	7281	28	Marcellus

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HG Energy II Appalachia, LLC
Evans 1213 S-5H
Stimulation Summary

Stage #	Date	Ave Pump Rate (BPM)	Ave Treatment Press (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Proppant (LBS)	Water (BBLs)
Sleeve/1	8/5/2022	70.0	9074	7152	4569	263500	7,296
2	8/13/2022	84.7	10,350	7,109	5,045	663770	17,396
3	8/14/2022	85.0	10,334	6,492	5,425	700000	15,023
4	8/14/2022	88.0	10,288	5,544	5,724	702500	12,667
5	8/15/2022	88.0	10,377	6,016	5,132	702500	12,653
6	8/15/2022	88.0	10,450	6,135	5,115	705000	11,718
7	8/15/2022	89.0	10,308	6,160	5,087	705000	11,693
8	8/15/2022	87.0	10,321	6,585	5,192	675420	9,673
9	8/16/2022	89.3	10,303	6,233	5,381	710000	9,966
10	8/16/2022	90.0	10,139	6,192	5,344	705500	9,979
11	8/16/2022	88.0	10,260	5,768	5,011	705500	9,937
12	8/17/2022	88.0	10,178	6,357	5,636	690000	9,820
13	8/17/2022	87.0	10,156	5,822	5,466	690000	9,857
14	8/18/2022	86.6	10,288	7,590	5,671	690000	9,914
15	8/18/2022	88.3	10,423	6,961	5,431	690000	9,869
16	8/18/2022	85.0	10,249	5,160	5,226	429700	8,079
17	8/18/2022	84.0	10,395	6,218	4,957	690000	12,678
18	8/19/2022	84.7	10,216	7,982	4,609	675740	9,840
19	8/19/2022	77.0	10,129	7,018	4,929	690000	12,600
20	8/19/2022	88.0	10,164	6,613	4,851	675800	9,692
21	8/20/2022	95.4	10,163	6,201	5,618	690000	10,045
22	8/20/2022	90.9	10,171	5,704	5,552	690000	9,772
23	8/20/2022	89.0	9,826	7,711	5,250	690000	9,826
24	8/21/2022	84.0	10,131	7,822	4,576	690000	11,600
25	8/21/2022	91.0	10,370	4,130	5,099	690000	9,912
26	8/21/2022	89.0	10,411	6,322	4,332	690000	9,822
27	8/22/2022	87.9	10,365	6,916	4,596	690000	9,962
28	8/22/2022	87.0	10,230	7,131	4,591	690000	9,773
29A	8/22/2022	69.0	10,820	6,183	5,521	8800	3,044
29B	8/23/2022	87.0	10,378	6,183	5,025	341600	7,970
30	8/23/2022	86.5	10,012	6,874	4,120	690000	11,065
31	8/23/2022	90.0	10,359	6,288	5,185	690000	9,809
32	8/23/2022	86.0	10,088	6,416	5,270	633700	10,549
33	8/24/2022	90.5	10,214	6,924	4,743	690000	10,989
34	8/24/2022	88.0	10,145	7,061	4,900	690000	10,534
35	8/24/2022	89.0	10,290	6,189	5,738	683400	10,985
36	8/24/2022	92.0	10,159	6,177	5,873	641200	10,800
37	8/24/2022	90.5	10,159	7,408	5,456	690000	9,719
38	8/25/2022	90.0	10,178	7,477	5,448	690000	10,845
39	8/25/2022	93.0	10,328	6,840	5,216	690000	9,618
40	8/25/2022	95.0	10,321	6,880	5,316	690000	9,433
41	8/26/2022	90.0	10,117	7,206	5,789	640800	11,714
42	8/26/2022	91.0	10,182	6,532	4,912	690000	10,920
43	8/26/2022	94.0	10,144	6,369	5,540	690000	10,779
44	8/27/2022	91.0	10,056	5,969	5,300	690000	9,789
45	8/27/2022	93.7	10,002	6,520	5,179	690000	9,736
46	8/27/2022	92.0	10,355	6,824	5,739	690000	9,616
47	8/27/2022	95.0	10,136	5,875	5,374	657400	9,311
48	8/28/2022	89.3	9,028	5,788	5,265	690000	9,446
49	8/28/2022	94.1	9,833	6,350	5,060	690000	9,753
50	8/28/2022	95.0	10,071	6,671	5,056	690000	9,717
51	8/28/2022	96.0	10,052	6,258	4,672	690000	10,726
52	8/29/2022	101.7	10,115	4,997	4,140	690000	10,864
53	8/29/2022	90.0	10,120	6,787	5,009	690000	10,982

54	8/29/2022	93.0	10,134	6,171	5,296	690000	9,527
55	8/29/2022	101.0	10,685	5,694	4,676	379200	9,356
56	8/30/2022	102.0	10,178	6,990	4,294	690000	9,895
57	8/30/2022	105.9	9,934	6,668	4,530	690000	9,664
58	8/30/2022	108.0	10,321	5,595	5,207	690000	9,522
59	8/30/2022	107.0	10,178	6,723	5,291	690000	9,622
60	8/31/2022	102.0	10,155	6,064	5,415	690000	9,676
61	8/31/2022	107.0	10,137	5,799	5,541	700000	9,656
62	8/31/2022	106.0	9,993	N/A	4,957	700000	9,691
63	8/31/2022	106.0	10,090	6,073	5,674	700000	9,638
64	8/31/2022	105.0	9,919	5,893	5,777	700000	9,723
65	9/1/2022	106.0	10,232	6,032	4,946	700000	9,745
66	9/1/2022	106.0	10,127	6,474	5,029	639000	9,267
67	9/1/2022	106.0	9,684	5,985	5,211	700000	9,549
68	9/1/2022	108.0	9,969	5,822	5,532	700000	9,341
69	9/2/2022	108.0	10,118	6,369	5,232	700000	9,528
70	9/2/2022	107.0	9,990	5,913	5,445	700000	9,669
71	9/2/2022	94.0	10,085	6,055	5,146	700000	9,531
72	9/2/2022	99.0	10,056	5,683	5,670	700000	9,523
73	9/2/2022	92.0	9,078	5,706	5,750	700000	9,575
74	9/3/2022	98.0	9,735	5,712	5,339	700000	9,755
75	9/3/2022	98.4	9,755	5,886	5,061	700000	9,687
76	9/3/2022	107.0	9,719	5,956	5,277	700000	9,574
77	9/3/2022	108.0	9,643	6,177	5,553	700000	9,580
78	9/4/2022	88.0	10,394	6,514	5,199	540370	9,780
79	9/4/2022	100.0	9,624	6,549	4,863	700000	9,773
80	9/4/2022	107.0	9,357	6,503	4,348	680000	9,615
81	9/4/2022	106.0	9,697	6,069	5,680	700000	9,582
82	9/5/2022	108.0	9,578	5,786	5,440	700000	9,829
83	9/5/2022	106.0	9,582	6,189	5,136	700000	9,677
84	9/5/2022	101.0	9,078	6,078	4,640	700000	10,556
85	9/5/2022	109.0	9,286	7,101	5,590	700000	9,546
86	9/5/2022	108.0	9,570	6,723	5,241	700000	9,345
87	9/5/2022	103	9190	6468	4526	700000	12142
88	9/6/2022	105	9576	5893	4626	700000	9590
89	9/6/2022	104	9571	6608	5308	659900	9128
90	9/6/2022	106	9494	6876	4581	456900	8950
91	9/7/2022	104	9197	6427	4932	655423	11730
92	9/7/2022	106	9317	6096	5113	642724	9080
93	9/7/2022	105	9347	6470	4733	745800	10330

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05/17/2024



10,466' to Bottom Hole

4,308' to Top Hole

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

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

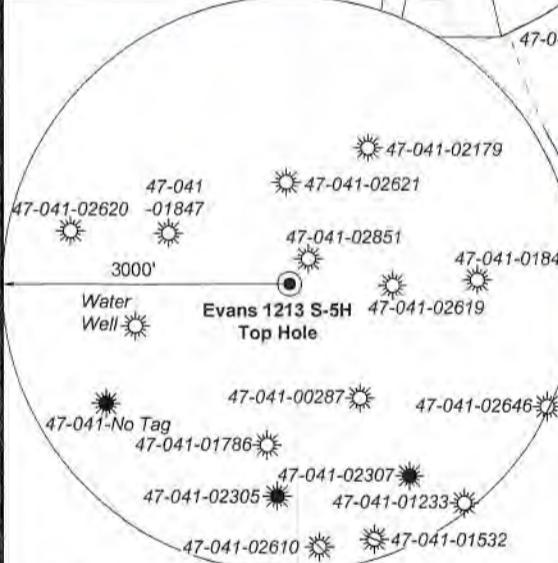
3,469' to Top Hole
5,674' to Bottom Hole

HG Energy II Appalachia, LLC
Well No. Evans 1213 S-5H
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.

Tag	Bearing	Dist.	Description
L1	N 89°56' W	1,089.3'	#47-041-02619
L2	S 66°23' E	1,359.3'	#47-041-01847
L3	S 25°18' E	512.4'	Gate Post
L4	S 10°52' E	2,486.8'	5/8" Rebar w/cap

FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 S-5H 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-5H
API WELL NO
47 - 041 - 05721
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. & James M. Evans, 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

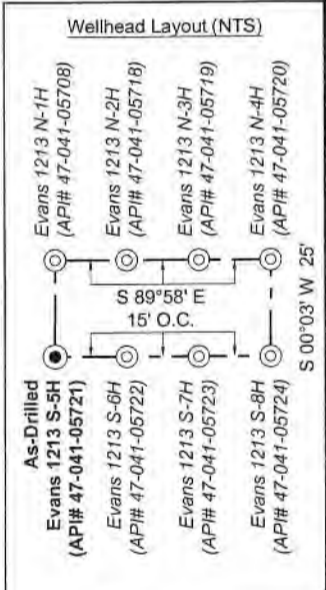
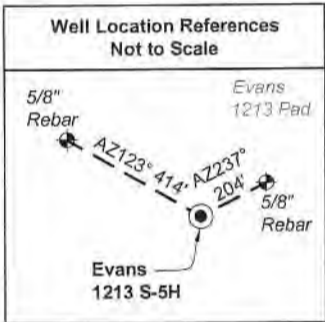
PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,355' MD

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



Notes:
Well No. Evans 1213 S-5H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,067.28'
E: 1,777,976.97'
Landing Point Coordinates
N: 14,204,828.39'
E: 1,777,725.98'
Bottom Hole Coordinates
N: 14,187,722.68'
E: 1,783,741.52'



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.)
- Adjoinder surface tracts (approx.)

Notes: Well No. Evans 1213 S-5H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
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Longitude: 80°30'54.67" Longitude: 80°29'42.74"
UTM Zone 17, NAD 1983
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N: 4,329,713.166m N: 4,324,426.522m
E: 541,928.465m E: 543,685.503m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.

FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 S-5H 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-5H
API WELL NO
47 — 041 — 05721
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 QUADRANGLE: Btm: Weston
DISTRICT: Freemans Creek COUNTY: CAMDEN Top: Camden
SURFACE OWNER: Suzanne L. & James M. Evans, 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: 25,355' MD
6,394' TVD

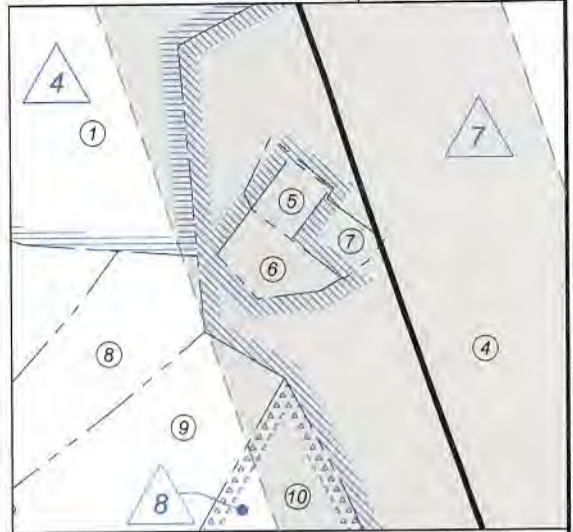
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101



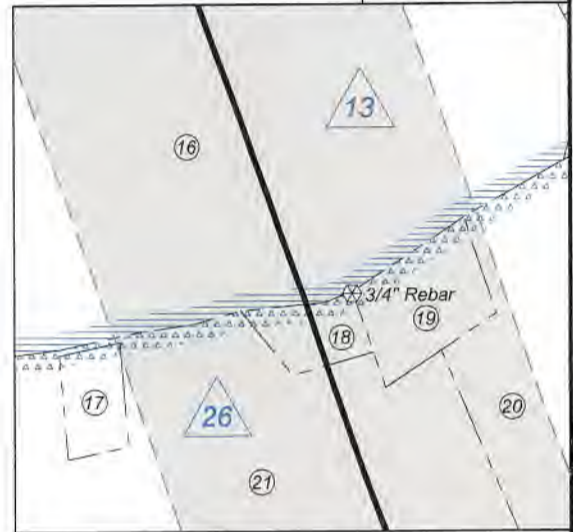
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8	M.J. Hall, et ux
12	J.E. Norris, et ux
13	J.W. Kemper, et ux
20	T. Lee Hudkins, et ux
21	Cassie G. Stuart
24	Franklin McKinley, et ux
26	James B. Lovett, et ux

Lewis Co. - Freeman Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
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3	6C / 3	Phillip E. Burnside	666 / 38	87.20
4	6D / 103	Bradford A. & Michelle D. Taylor	762 / 891	73.27
5	6C / 8.1	Trustees of Mt. Morris Cemetery	12 / 363	0.50
6	6C / 8.2	Methodist Episcopal Church	6 / 10	0.50
7	6C / 8.3	Trustees of Mt. Morris Cemetery	599 / 407	0.86
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10	6D / 3	James H. Hall Trust	WB H / 147	194.50
11	6D / 102	Bradford Taylor	673 / 1	6.62
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13	6D / 5	David B. & Wendell S. Hall	W29 / 176	196.50
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27	6E / 16.7	Pamela E. Carpenter	573 / 431	2.64
28	6E / 16.12	Steven & Regina Hudson	450 / 846	1.36
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30	13 / 2	Edsel M. Ross	W22 / 688	0.81
31	13 / 1	Steven & Regina Hudson	594 / 569	0.90
32	13 / 11	Granville & Kay Hosey	701 / 505	0.66
33	13 / 12	William J. Wyatt (LE), et al	W34 / 627	0.40
34	13 / 13	William J. Wyatt, et al	W34 / 627	0.06
35	6E / 17	Heartwood Forestland Fund VII Limited Partnership	666 / 124	56.07
36	6E / 17.1	William H. & Jaime L. Wyckoff	722 / 635	1.10
37	6E / 17.2	William H. & Jaime L. Wyckoff	722 / 635	3.45
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47	13 / 14	Eugene R. Calhoun	623 / 295	2.02

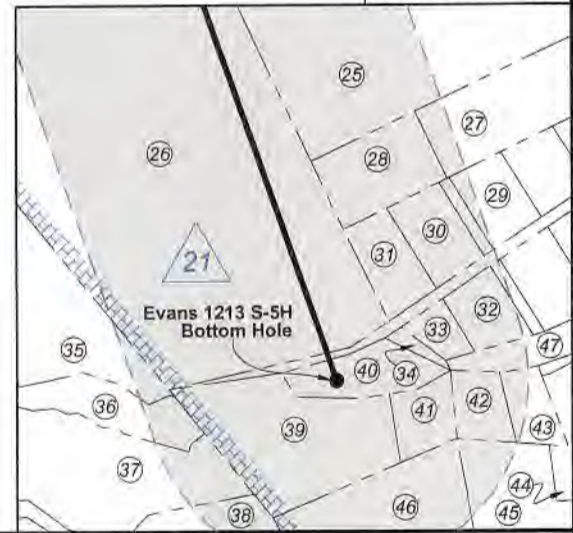
Detail 1 - 1"=500'



Detail 2 - 1"=500'



Detail 3 - 1"=500'



FILE NO: 235-36-12-19

DRAWING NO: Evans 1213 S-5H 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-5H

API WELL NO

47 - 041 - 05721
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. & James M. Evans, 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: 6,394' TVD 25,355' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

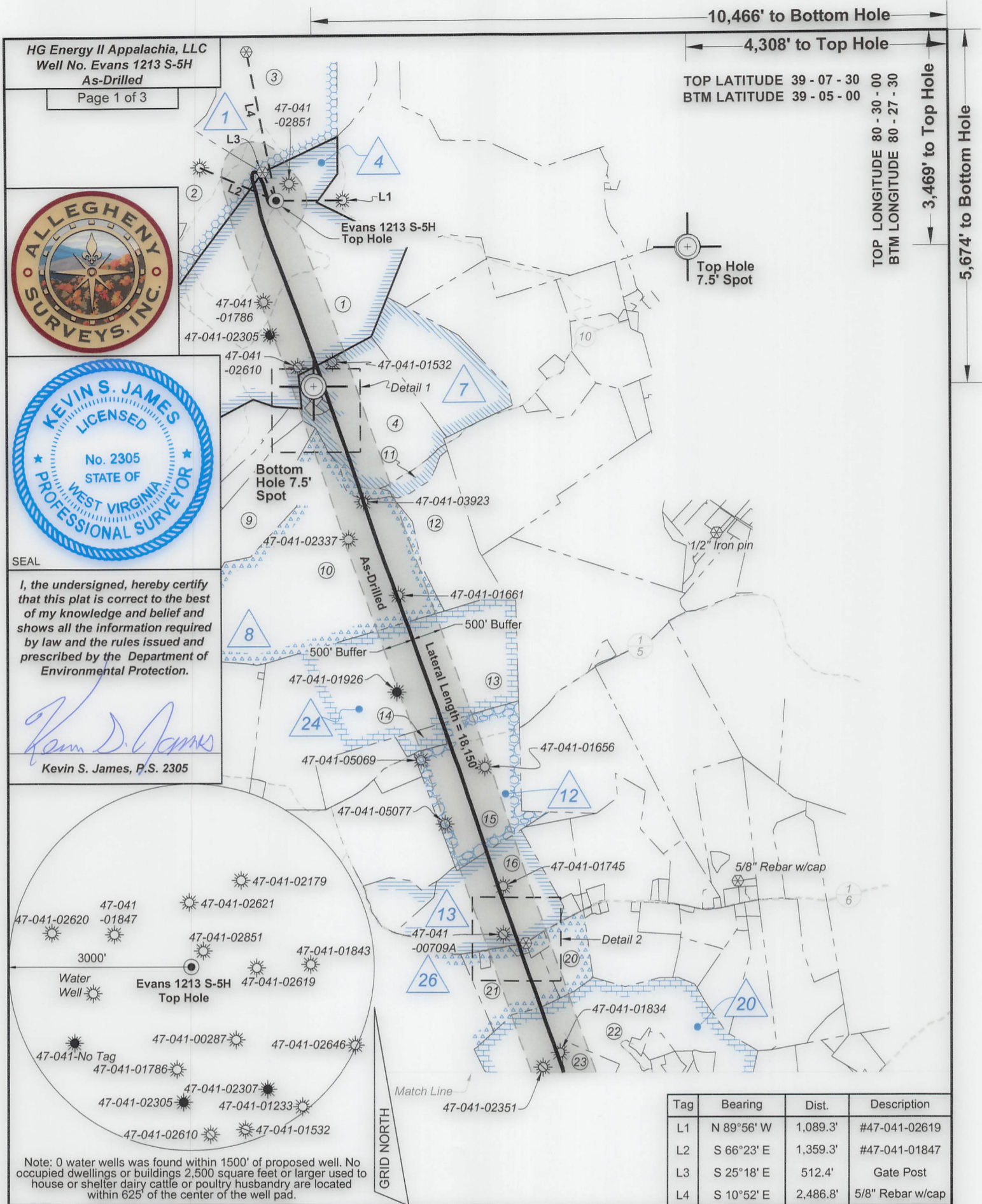
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

Btm: Weston
QUADRANGLE: Top: Camden
COUNTY: Lewis
ACREAGE: 294.00

0517/2024



10,466' to Bottom Hole

4,308' 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

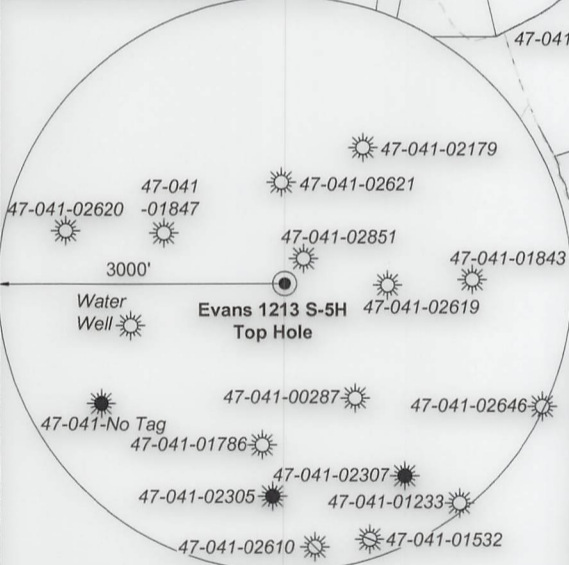
5,674' to Bottom Hole

HG Energy II Appalachia, LLC
Well No. Evans 1213 S-5H
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°56' W	1,089.3'	#47-041-02619
L2	S 66°23' E	1,359.3'	#47-041-01847
L3	S 25°18' E	512.4'	Gate Post
L4	S 10°52' E	2,486.8'	5/8" Rebar w/cap

FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 S-5H 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-5H
API WELL NO
47 - 041 - 05721
STATE COUNTY PERMIT

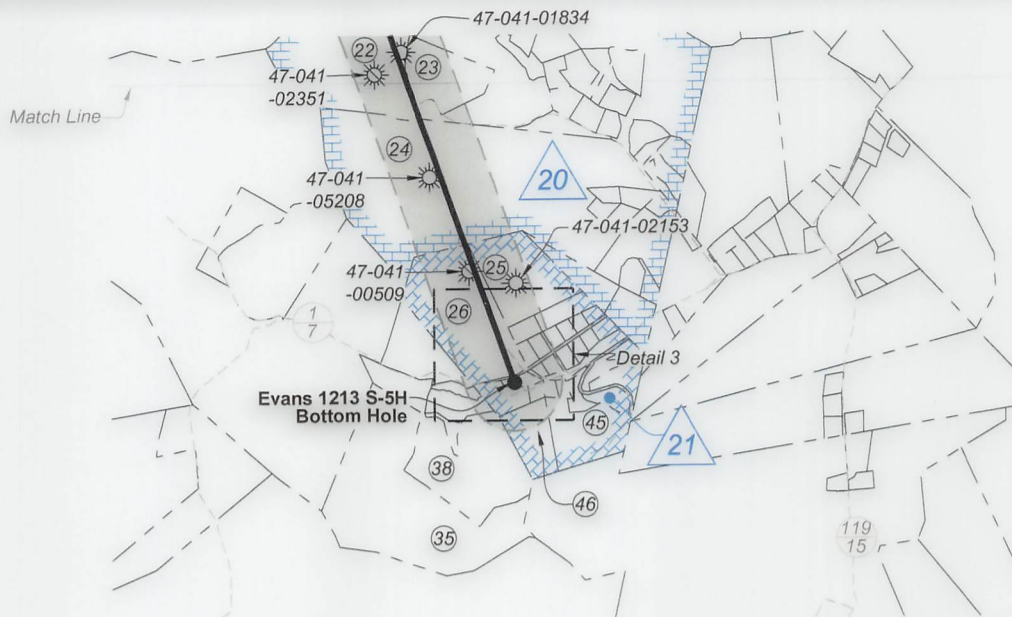
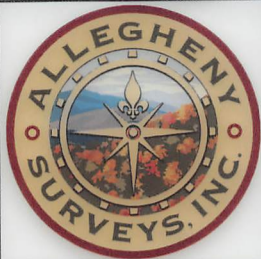
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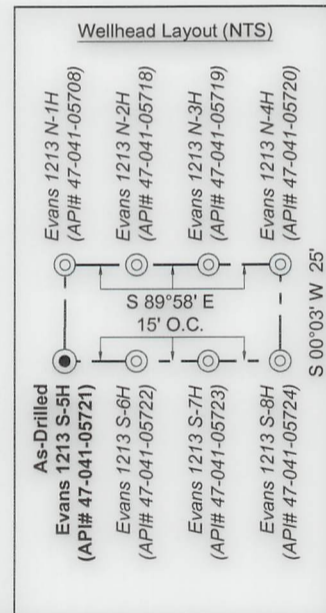
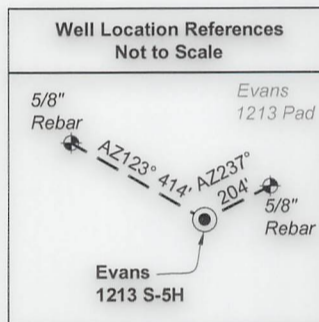
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 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 25,355' MD

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



Notes:
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Top Hole Coordinates
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Legend

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- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
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Notes: Well No. Evans 1213 S-5H
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
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Longitude: 80°30'54.67" Longitude: 80°29'42.74"
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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 - 05721
STATE COUNTY PERMIT

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

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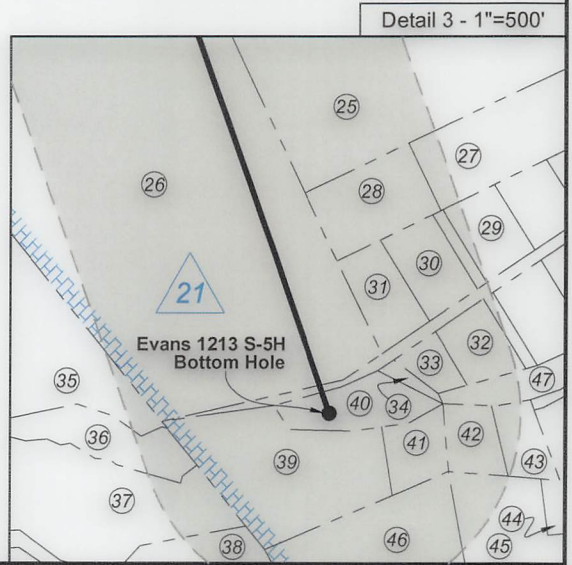
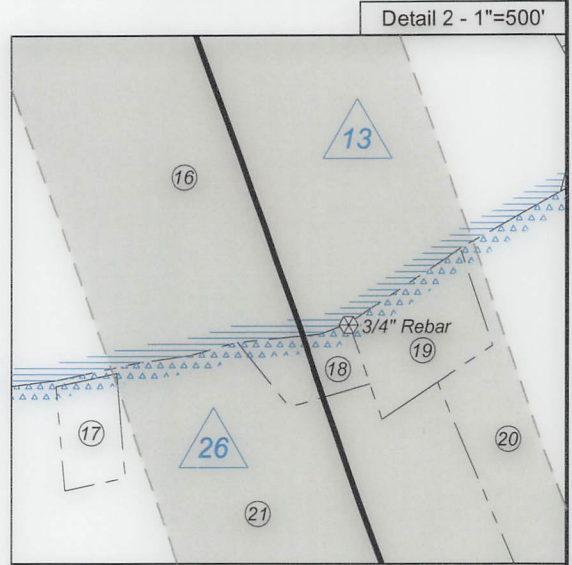
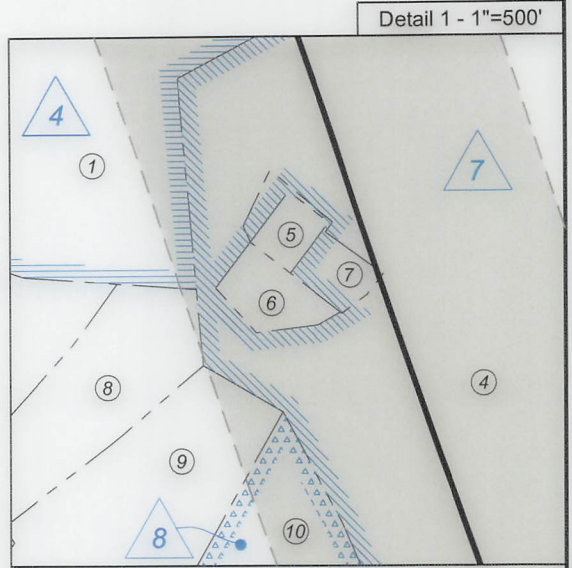
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05/17/2024



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

DATE: November 8 2022
OPERATOR'S WELL NO. Evans 1213 S-5H
API WELL NO
47 - 041 - 05721
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
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DISTRICT: Freemans Creek

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QUADRANGLE: Top: Camden
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ACREAGE: 294.00

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LEASE NO: _____ ACREAGE: 294.00

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