

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



API 47 - 041 - 05718 County Lewis District Freemans Creek
Quad Camden Pad Name Evans 1213 Field/Pool Name Kennedy
Farm name Evans Well Number Evans 1213 N2H
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 4329720.783 Easting 541933.042
Landing Point of Curve Northing 4329752 Easting 541797
Bottom Hole Northing 4332875.521 Easting 540707.503

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 05/03/2021 Date drilling commenced 5/16/2021 Date drilling ceased 4/22/2022
Date completion activities began 7/15/2022 Date completion activities ceased 8/5/2022
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:
[Signature]
05/10/2024
5-7-24

API 47-041 - 05718 Farm name Evans Well number Evans 1213 N2H

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"	1135	New	94 lbs/ft J-55		Yes, 143 bbl to surface
Coal							
Intermediate 1	17.5"	13.375"	2070	New	68 lbs/ft J55		Yes, 117 bbl to surface
Intermediate 2	12.25"	9.625"	4728	New	40 lbs/ft N80		Yes, 50 bbl to surface
Intermediate 3							
Production	8.5"	5.5"	18089	New	23 lbs/ft P-110HP		Yes, 55 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	2369	15.6	1.18	2795	Surface	8
Coal							
Intermediate 1	Class A	2021/495	16.0/16.4	1.16/1.12	2344/554	Surface	24
Intermediate 2	Class A	781/189	10.5/15.2	2.2/1.25	1718/236	Surface	8
Intermediate 3							
Production	Class A	314/501/2522	13.5/13.5/14.8	1.82/1.67/1.34	571/836/3380	Surface	8
Tubing							

Drillers TD (ft) ¹⁸¹¹⁹ _____ Loggers TD (ft) _____
 Deepest formation penetrated Marcellus Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) ⁶⁰⁹⁶ _____

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 Office of Oil and Gas

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

05/10/2024

HG Energy II Appalachia, LLC
Lithology Record
Evans 1213 N-2H

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	1175	drill	1135		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	1893	1893	1952	1952	
Fifty foot Sand	2005	2005	2020	2020	
Casing depth	2090	drill	2070		set
Thirty foot Sand	2097	2097	2130	2130	
Gordon Stray sand	2146	2146	2184	2184	
Gordon sand	2184	2184	2257	2257	
5th sand	2390	2390	2427	2427	
Bayard sand	2474	2474	2496	2496	
Warren	2795	2795	2824	2824	
Speechley	3099	3099	3118	3118	
Balltown	3316	3316	3412	3411	
Benson	4435	4410	4465	4439	
9 5-/8" casing depth	4758		4728		set
Rhinestreet	6015	5941	6307	6217	
Cashaqua	6307	6217	6579	6449	
Middlesex	6579	6449	6701	6545	
West River	6701	6545	6837	6644	
Burket	6837	6644	6856	6658	
Tully	6856	6658	7038	6762	
Hamilton	7038	6762	7245	6833	
Marcellus shale	7245	6833	18119	7144	

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FEB 26 2024
WV Department of
Environmental Protection

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HG Energy II Appalachia, LLC

**Evans 1213 N-2H
Perforation Record**

Stage #	Date	Perforation From Depth	Perforation to Depth	Number of Perforations	Formation
Sleeve/1	7/17/2022	18036	18010	2	Marcellus
2	7/17/2022	17976	17808	32	Marcellus
3	7/18/2022	17780	17612	32	Marcellus
4	7/18/2022	17584	17416	32	Marcellus
5	7/18/2022	17388	17220	32	Marcellus
6	7/18/2022	17192	17024	32	Marcellus
7	7/19/2022	16996	16828	32	Marcellus
8	7/19/2022	16800	16632	32	Marcellus
9	7/19/2022	16604	16436	32	Marcellus
10	7/19/2022	16408	16240	32	Marcellus
11	7/20/2022	16212	16044	32	Marcellus
12	7/20/2022	16016	15848	32	Marcellus
13	7/20/2022	15820	15652	32	Marcellus
14	7/21/2022	15624	15456	32	Marcellus
15	7/21/2022	15428	15260	32	Marcellus
16	7/21/2022	15232	15064	32	Marcellus
17	7/22/2022	15036	14868	32	Marcellus
18	7/22/2022	14840	14672	32	Marcellus
19	7/22/2022	14644	14476	32	Marcellus
20	7/22/2022	14449	14281	32	Marcellus
21	7/22/2022	14255	14087	32	Marcellus
22	7/23/2022	14061	13893	32	Marcellus
23	7/23/2022	13867	13699	32	Marcellus
24	7/23/2022	13673	13505	32	Marcellus
25	7/24/2022	13479	13311	32	Marcellus
26	7/24/2022	13285	13117	32	Marcellus
27	7/24/2022	13091	12923	32	Marcellus
28A	7/24/2022	12897	12729	32	Marcellus
28B	7/25/2022	12897	12705	60	Marcellus
29	7/25/2022	12679	12535	32	Marcellus
30	7/25/2022	12509	12341	32	Marcellus
31	7/26/2022	12315	12147	32	Marcellus
32	7/26/2022	12121	11953	32	Marcellus
33	7/26/2022	11927	11759	32	Marcellus
34	7/26/2022	11733	11565	32	Marcellus
35	7/27/2022	11539	11371	32	Marcellus
36	7/27/2022	11345	11177	32	Marcellus
37	7/27/2022	11151	10983	32	Marcellus
38	7/28/2022	10957	10789	32	Marcellus
39	7/28/2022	10763	10595	32	Marcellus
40	7/28/2022	10569	10401	32	Marcellus
41	7/28/2022	10375	10207	32	Marcellus
42	7/29/2022	10181	10013	32	Marcellus
43	7/29/2022	9987	9819	32	Marcellus
44	7/29/2022	9793	9625	32	Marcellus
45	7/29/2022	9599	9431	32	Marcellus
46	7/30/2022	9405	9237	32	Marcellus
47	7/30/2022	9211	9043	32	Marcellus
48	7/30/2022	9017	8849	32	Marcellus
49	7/31/2022	8823	8655	32	Marcellus
50	7/31/2022	8629	8461	32	Marcellus
51	8/2/2022	8435	8267	32	Marcellus
52	8/2/2022	8241	8073	32	Marcellus
53	8/2/2022	8047	7879	32	Marcellus
54	8/2/2022	7853	7685	32	Marcellus
55	8/2/2022	7659	7491	32	Marcellus
56	8/3/2022	7465	7321	28	Marcellus

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HG Energy II Appalachia, LLC
Evans 1213 N-2H
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	80.8	9564	12500	4579	270000	7,490
2	7/17/2022	86.3	9,751	6,595	4,368	700000	13,969
3	7/18/2022	93.2	9,978	8,931	4,398	495470	12,011
4	7/18/2022	93.7	9,993	6,677	4,690	700000	14,710
5	7/18/2022	87.1	9,295	4,584	4,903	702500	12,706
6	7/18/2022	96.3	9,871	6,264	5,590	702500	12,568
7	7/19/2022	90.7	9,568	6,160	4,712	705000	11,567
8	7/19/2022	74.7	9,678	7,057	5,189	705000	13,092
9	7/19/2022	96.4	9,675	6,415	4,639	705000	9,669
10	7/19/2022	97.9	9,931	6,480	4,881	705400	9,624
11	7/20/2022	98.3	9,619	6,270	5,346	705400	9,818
12	7/20/2022	106.2	10,294	6,027	5,207	705500	9,366
13	7/20/2022	100.5	10,071	5,944	5,245	705500	9,845
14	7/21/2022	97.5	10,137	6,271	5,315	705450	9,545
15	7/21/2022	93.1	9,847	5,846	5,198	705500	9,824
16	7/21/2022	106.1	10,188	6,171	5,262	705500	9,544
17	7/22/2022	106.0	10,061	5,859	5,632	705500	9,281
18	7/22/2022	101.0	9,596	6,044	5,178	680000	9,589
19	7/22/2022	104.4	10,264	6,183	5,354	680000	9,318
20	7/22/2022	103.5	10,092	5,416	5,258	680000	9,555
21	7/22/2022	107.0	10,006	6,543	5,299	683100	9,796
22	7/23/2022	105.0	9,923	6,024	5,241	680100	9,471
23	7/23/2022	104.6	9,913	6,508	5,132	679380	9,660
24	7/23/2022	106.1	9,690	6,060	4,852	680500	10,628
25	7/24/2022	104.0	9,994	6,078	4,941	680000	9,487
26	7/24/2022	101.0	10,233	6,322	5,051	680000	9,474
27	7/24/2022	107.6	9,939	5,794	4,673	680000	9,542
28A	7/24/2022	36.0	9,630	5,973	4,387	16680	4,173
28B	7/25/2022	97.3	9,676	5,595	4,449	680000	12,745
29	7/25/2022	102.6	9,200	5,677	5,197	680000	9,501
30	7/25/2022	106.0	9,917	5,689	5,113	680000	9,527
31	7/26/2022	85.0	10,100	5,823	5,468	268800	8,668
32	7/26/2022	108.0	9,191	5,515	5,244	680000	9,685
33	7/26/2022	107.8	9,673	5,660	4,701	553940	9,704
34	7/26/2022	105.5	9,289	5,386	4,617	680460	9,546
35	7/27/2022	106.0	9,098	5,663	4,966	681000	10,460
36	7/27/2022	109.0	8,971	5,085	5,398	690000	9,579
37	7/27/2022	108.3	9,419	5,422	5,285	656420	10,616
38	7/28/2022	107.3	9,323	6,531	4,376	690000	10,629
39	7/28/2022	108.0	8,822	6,483	5,133	690000	9,547
40	7/28/2022	93.0	9,950	5,595	5,055	690010	10,837
41	7/28/2022	109.2	8,937	5,962	5,338	619620	9,226
42	7/29/2022	109.0	9,282	6,787	5,139	690000	9,594
43	7/29/2022	100.0	8,757	6,136	5,267	610000	9,130
44	7/29/2022	109.0	9,159	5,908	5,137	549780	10,922
45	7/29/2022	109.0	8,727	6,148	4,767	690140	9,578
46	7/30/2022	107.0	8,474	6,177	5,486	690000	10,472
47	7/30/2022	107.4	8,768	5,747	5,403	690000	11,373
48	7/30/2022	106.8	8,207	6,705	5,894	690480	9,734
49	7/31/2022	110.0	8,725	6,300	6,065	690000	10,785
50	7/31/2022	103.0	9,545	5,670	5,606	295700	7,363
51	8/2/2022	110.0	8,529	6,038	5,467	690000	9,778
52	8/2/2022	110.0	8,270	6,183	5,271	690000	9,549
53	8/2/2022	110.0	8,211	6,921	5,200	690000	9,505
54	8/2/2022	110.0	8,034	5,476	5,047	690000	9,598
55	8/2/2022	109.0	7,962	5,386	4,329	690000	10,313
56	8/3/2022	108.0	8,555	5,277	5,462	690000	9,568

8,256' to Bottom Hole

4,293' to Top Hole

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00

LONGITUDE 80 - 30 - 00
3,444' to Top Hole

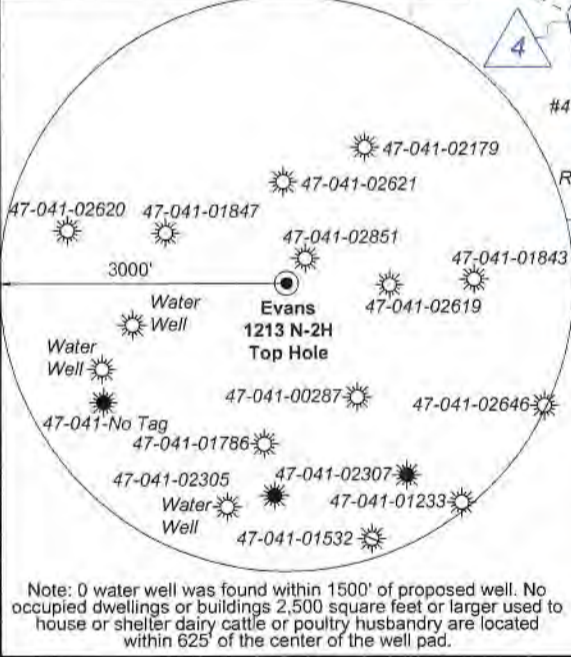
8,243' to Bottom Hole

HG Energy II Appalachia, LLC
Well No. Evans 1213 N-2H
As-Drilled
Page 1 of 2

Notes:
Well No. Evans 1213 N-2H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,092.27"
E: 1,777,991.99"
Landing Point Coordinates
N: 14,205,194.38"
E: 1,777,544.45"
Bottom Hole Coordinates
N: 14,215,442.44"
E: 1,773,971.20"

Tag	Bearing	Dist.	Description
L1	N 88°35' W	1,074.6'	#47-041-02619
L2	S 67°36' E	1,363.4'	#47-041-01847
L3	S 28°06' E	496.8'	Gate Post
L4	S 11°19' E	2,465.1'	5/8" Rebar w/cap

Notes: Well No. Evans 1213 N-2H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°06'55.95" Latitude: 39°08'38.50"
Longitude: 80°30'54.48" Longitude: 80°31'44.83"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,329,720.783m N: 4,332,875.521m
E: 541,933.042m E: 540,707.503m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.



Evans 1213 N-2H Bottom Hole

GRID NORTH

Rebar

Rebar

Rebar

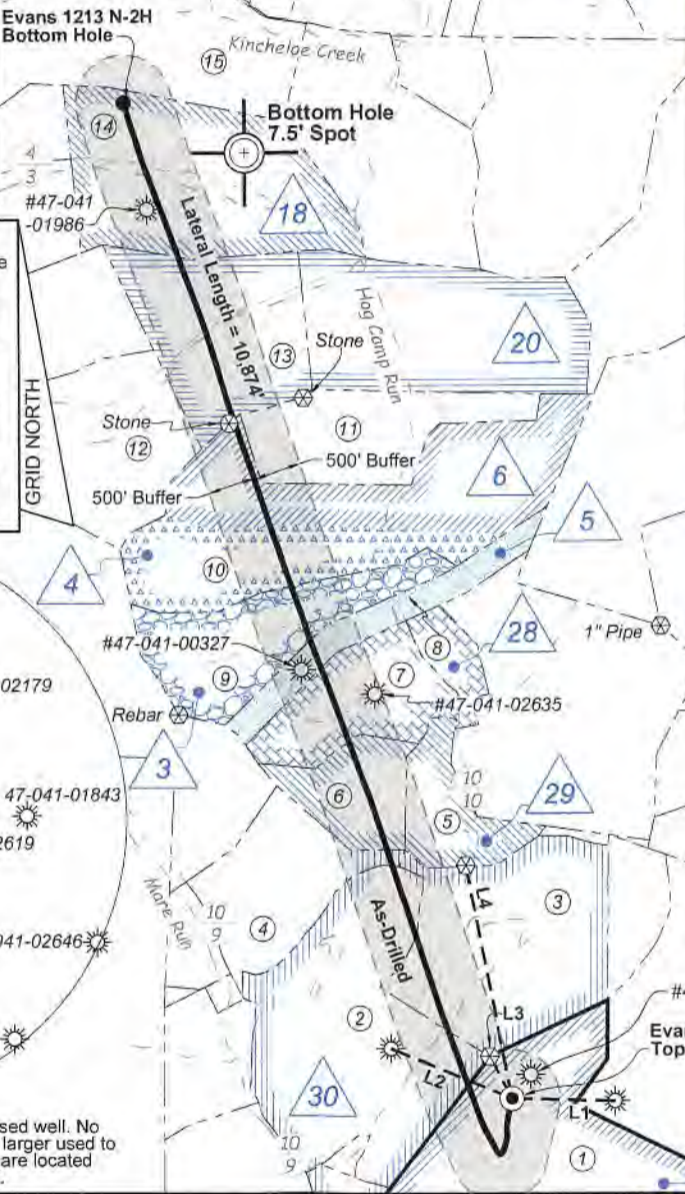
Rebar

Rebar

Rebar

Rebar

Rebar



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



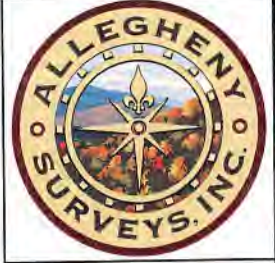
FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 N-2H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

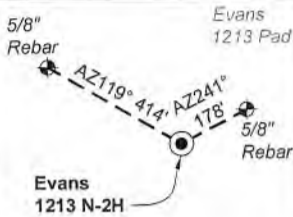
DATE: November 8 20 22
OPERATOR'S WELL NO. Evans 1213 N-2H
API WELL NO
47 - 041 - 05718
STATE COUNTY PERMIT

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: James M. & Suzanne L. Evans
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: 18,119' MD

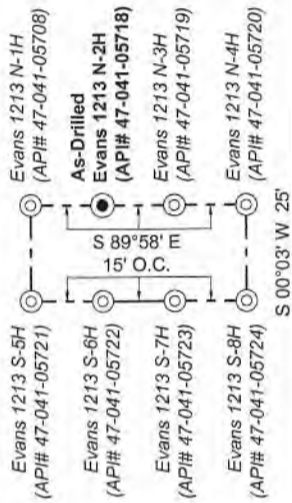
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101



**Well Location References
Not to Scale**



Wellhead Layout (NTS)



ID	Lease
3	C.M. Garrett, et al
4	Ira L. Queen, et al
5	Will E. Morris, et al
6	Clara Queen, et vir, et al
18	Lizzie B. Conley
20	W.T. Highland, et al
28	Silas E. Gochenour, et ux, et al
29	Loman E. Garrett, et al
30	J.S. Hall, et ux
31	Mary C. Burnside, et al

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
3	6C / 3	Phillip E. Burnside, et al	666 / 38	87.20
4	5C / 34	Karina K. Rowe	572 / 209	42.00
5	6C / 1	Brenda A. Stout, et al	W33 / 607	25.50
6	5C / 49	James C. Garrett, et al	621 / 578	28.50
7	6B / 8	James C. Garrett, et al	621 / 578	47.00
8	6B / 6	James C. Garrett, et al	621 / 578	30.00
9	5B / 39	Edward E. Garrett, et al	429 / 245	55.00
10	6B / 5	Edward E. Garrett, et al	429 / 245	136.00
11	5B / 41	Michael J. Kirwan, III	720 / 812	51.00
12	5B / 38	Phillip E. Burnside	666 / 503	75.00
13	5B / 36	Edward E. Garrett, et al	429 / 245	64.00
14	5B / 35	Ruth U. Theofield Living Trust	740 / 840	96.69
Harrison Co. - Union-Outside Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
15	442 / 8.3	William Coffindaffer, et ux (LE)	1585 / 819	114.79

FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 N-2H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

STATE OF WEST VIRGINIA
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(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

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

Btm: Big Isaac
QUADRANGLE: Top: Camden
COUNTY: Lewis
ACREAGE: 294.00

SURFACE OWNER: James M. & Suzanne L. Evans
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: 18,119' MD 7,144' TVD

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

8,256' to Bottom Hole

4,293' to Top Hole

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00

LONGITUDE 80 - 30 - 00
3,444' to Top Hole

8,243' to Bottom Hole

HG Energy II Appalachia, LLC
Well No. Evans 1213 N-2H
As-Drilled
Page 1 of 2

Notes:
Well No. Evans 1213 N-2H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,092.27'
E: 1,777,991.99'
Landing Point Coordinates
N: 14,205,194.38'
E: 1,777,544.45'
Bottom Hole Coordinates
N: 14,215,442.44'
E: 1,773,971.20'

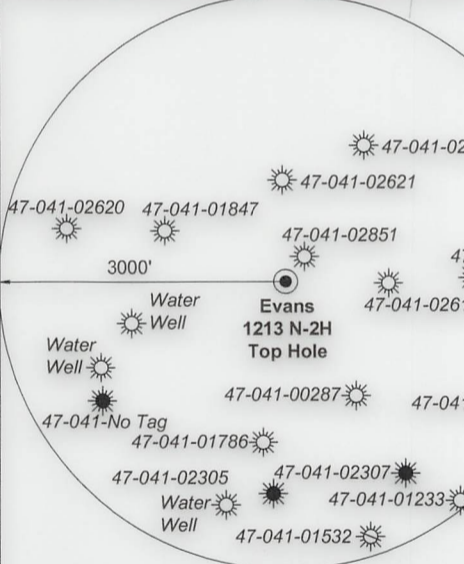
Tag	Bearing	Dist.	Description
L1	N 88°35' W	1,074.6'	#47-041-02619
L2	S 67°36' E	1,363.4'	#47-041-01847
L3	S 28°06' E	496.8'	Gate Post
L4	S 11°19' E	2,465.1'	5/8" Rebar w/cap

Notes: Well No. Evans 1213 N-2H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°06'55.95" Latitude: 39°08'38.50"
Longitude: 80°30'54.48" Longitude: 80°31'44.83"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,329,720.783m N: 4,332,875.521m
E: 541,933.042m E: 540,707.503m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.



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 well 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.

FILE NO: 235-36-12-19
DRAWING NO: Evans 1213 N-2H 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

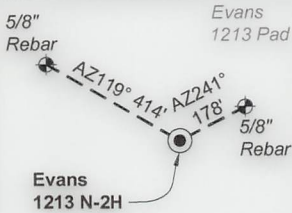
DATE: November 8 2022
OPERATOR'S WELL NO. Evans 1213 N-2H
API WELL NO
47 - 041 - 05718
STATE COUNTY PERMIT

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: James M. & Suzanne L. Evans
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: 7,144' TVD 18,119' MD

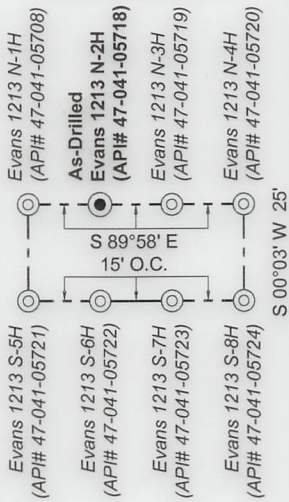
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101



Well Location References
Not to Scale



Wellhead Layout (NTS)



ID	Lease
3	C.M. Garrett, et al
4	Ira L. Queen, et al
5	Will E. Morris, et al
6	Clara Queen, et vir, et al
18	Lizzie B. Conley
20	W.T. Highland, et al
28	Silas E. Gochenour, et ux, et al
29	Loman E. Garrett, et al
30	J.S. Hall, et ux
31	Mary C. Burnside, et al

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
3	6C / 3	Phillip E. Burnside, et al	666 / 38	87.20
4	5C / 34	Karina K. Rowe	572 / 209	42.00
5	6C / 1	Brenda A. Stout, et al	W33 / 607	25.50
6	5C / 49	James C. Garrett, et al	621 / 578	28.50
7	6B / 8	James C. Garrett, et al	621 / 578	47.00
8	6B / 6	James C. Garrett, et al	621 / 578	30.00
9	5B / 39	Edward E. Garrett, et al	429 / 245	55.00
10	6B / 5	Edward E. Garrett, et al	429 / 245	136.00
11	5B / 41	Michael J. Kirwan, III	720 / 812	51.00
12	5B / 38	Phillip E. Burnside	666 / 503	75.00
13	5B / 36	Edward E. Garrett, et al	429 / 245	64.00
14	5B / 35	Ruth U. Theofield Living Trust	740 / 840	96.69
Harrison Co. - Union-Outside Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
15	442 / 8.3	William Coffindaffer, et ux (LE)	1585 / 819	114.79

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(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

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DISTRICT: Freemans Creek

Btm: Big Isaac
QUADRANGLE: Top: Camden
COUNTY: Lewis
ACREAGE: 294.00

SURFACE OWNER: James M. & Suzanne L. Evans

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

LEASE NO: _____ ACREAGE: 294.00

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PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,119' MD 7,144' TVD

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