

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

API 47 - 033 - 05939 County Harrison District Union  
Quad West Milford, WV 7.5' Pad Name Nays 1209 Field/Pool Name Fink Kennedy  
Farm name Nays Well Number Nays 1209 N-6H  
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 4333350.297 Easting 548091.024  
Landing Point of Curve Northing 4333696.785 Easting 548873.508  
Bottom Hole Northing 4337980.782 Easting 547285.454

Elevation (ft) 1007 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/ OBM

KCL, Barite, Lime, CaCL, base oil, clay, sulfatone, safevert FLG, safevert WA

Date permit issued 01/29/19 Date drilling commenced 3/1/2019 Date drilling ceased 11/6/2019  
Date completion activities began 12/2/2019 Date completion activities ceased 4/9/2020  
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 190,310 Open mine(s) (Y/N) depths N  
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N  
Coal depth(s) ft 160, 544 Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

Reviewed by:  
SDeW  
6/30/2020

API 47-033 - 05939 Farm name Nays Well number Nays 1209 N-6H

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"	100	New	154.5 lbs/ft		N
Surface	26"	20"	603.5	New	94 lbs/ft J-55		Yes
Coal							
Intermediate 1	17.5"	13.375"	1685	New	68 lbs/ft		Yes
Intermediate 2	12.25"	9.625"	2496	New	40 lbs/ft J-55		Yes
Intermediate 3							
Production	8.5	5.5	22823	New	23 lbs/ft P-11		Yes
Tubing	5.5	2.875	7864	New	6.5 lbs/ft J55		not cemented
Packer type and depth set							

Comment Details \_\_\_\_\_

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	Drilled in						
Surface	Class A	1087	15.6	1.2	1319	Surface	8
Coal							
Intermediate 1	Class A	1382/394	15.4/15.9	1.24/1.17	1712/460	Surface	24
Intermediate 2	Class A	827	15.6	1.19	966	Surface	8
Intermediate 3							
Production	Class A	318/797	14.8/14.8	1.34/1.34	1785/4475	Surface	8
Tubing	not cemented						

Drillers TD (ft) 22852 Loggers TD (ft) \_\_\_\_\_

Deepest formation penetrated Marcellus Plug back to (ft) \_\_\_\_\_

Plug back procedure open hole sidetrack at 8055' MD after drilling well to TD (22857' MD) hole re-drilled to 22952' MD

Kick off depth (ft) 6772'

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 placed on the shoe joint and every other joint to surface

13.375" casing: centralizer run every joint to 20" casing then placed every 3 joints to surface

9.625" casing: Centralizers run every other joint to 13.375" casing then placed every 3 joints to surface

5.5" casing: Centralizer run every joint to top of curve (KOP) then centralizers placed every 3 joints 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 \_\_\_\_\_



**HG Energy II Appalachia, LLC****Nays N-6H****Perforation Record**

<b>Stage #</b>	<b>Date</b>	<b>Perforation From Depth</b>	<b>Perforation To Depth</b>	<b>Number of Perforations</b>	<b>Formation</b>
Sleeve / 1	1/21/2020	22715	22670	Sleeves	Marcellus
2	1/22/2020	22,636	22,468	49	Marcellus
3	1/22/2020	22,440	22,272	49	Marcellus
4	1/23/2020	22,244	22,076	49	Marcellus
5	1/23/2020	22,048	21,880	49	Marcellus
6	1/23/2020	21,852	21,684	49	Marcellus
7	1/24/2020	21,656	21,488	49	Marcellus
8	1/24/2020	21,460	21,292	49	Marcellus
9	1/25/2020	21,264	21,096	49	Marcellus
10	1/25/2020	21,068	20,900	49	Marcellus
11	1/26/2020	20,872	20,704	49	Marcellus
12	1/26/2020	20,676	20,508	49	Marcellus
13	1/27/2020	20,480	20,312	49	Marcellus
14	1/27/2020	20,284	20,116	49	Marcellus
15	1/27/2020	20,088	19,920	49	Marcellus
16	1/27/2020	19,892	19,724	49	Marcellus
17	1/28/2020	19,696	19,528	49	Marcellus
18	1/28/2020	19,500	19,332	49	Marcellus
19	1/28/2020	19,304	19,136	49	Marcellus
20	1/29/2020	19,108	18,940	49	Marcellus
21	1/29/2020	18,912	18,744	49	Marcellus
22	1/29/2020	18,716	18,548	49	Marcellus
23	1/30/2020	18,520	18,352	49	Marcellus
24	1/30/2020	18,324	18,156	49	Marcellus
25	1/30/2020	18,128	17,960	49	Marcellus
26	1/31/2020	17,932	17,764	49	Marcellus
27	1/31/2020	17,736	17,568	49	Marcellus
28	1/31/2020	17,540	17,372	49	Marcellus
29	2/1/2020	17,344	17,176	49	Marcellus
30	2/1/2020	17,148	16,980	49	Marcellus
31	2/2/2020	16,952	16,784	49	Marcellus
32	2/2/2020	16,756	16,588	49	Marcellus
33	2/2/2020	16,560	16,392	49	Marcellus
34	2/3/2020	16,364	16,196	49	Marcellus
35	2/3/2020	16,168	16,000	49	Marcellus
36	2/4/2020	15,972	15,804	49	Marcellus
37	2/4/2020	15,776	15,608	49	Marcellus
38	2/4/2020	15,579	15,411	49	Marcellus
39	2/4/2020	15,381	15,213	49	Marcellus
40	2/4/2020	15,183	15,015	49	Marcellus

41	2/5/2020	14,985	14,817	49	Marcellus
42	2/5/2020	14,787	14,619	49	Marcellus
43	2/6/2020	14,589	14,421	49	Marcellus
44	2/6/2020	14,391	14,223	49	Marcellus
45	2/6/2020	14,193	14,025	49	Marcellus
46	2/7/2020	13,995	13,827	49	Marcellus
47	2/7/2020	13,797	13,629	49	Marcellus
48	2/7/2020	13,599	13,431	49	Marcellus
49	2/7/2020	13,401	13,233	49	Marcellus
50	2/8/2020	13,203	13,035	49	Marcellus
51	2/9/2020	13,005	12,837	49	Marcellus
52	2/9/2020	12,807	12,639	47	Marcellus
53	2/10/2020	12,609	12,441	47	Marcellus
54	2/10/2020	12,411	12,243	47	Marcellus
55	2/11/2020	12,213	12,045	47	Marcellus
56	2/11/2020	12,015	11,847	47	Marcellus
57	2/12/2020	11,817	11,649	47	Marcellus
58	2/12/2020	11,619	11,451	47	Marcellus
59	2/13/2020	11,421	11,253	47	Marcellus
60	2/13/2020	11,223	11,055	45	Marcellus
61	2/13/2020	11,025	10,857	45	Marcellus
62	2/13/2020	10,827	10,659	45	Marcellus
63	2/14/2020	10,629	10,461	45	Marcellus
64	2/14/2020	10,431	10,263	45	Marcellus
65	2/14/2020	10233	10065	43	Marcellus
66	2/14/2020	10035	9867	43	Marcellus
67	2/15/2020	9837	9669	43	Marcellus
68	2/15/2020	9639	9471	43	Marcellus
69	2/15/2020	9441	9273	43	Marcellus
70	2/16/2020	9243	9075	43	Marcellus
71	2/16/2020	9045	8877	43	Marcellus
72	2/16/2020	8847	8679	43	Marcellus
73	2/22/2020	8649	8481	36	Marcellus
74	2/22/2020	8451	8283	36	Marcellus
75	2/23/2020	8253	8085	36	Marcellus
76	2/23/2020	8055	7887	36	Marcellus

**HG Energy II Appalachia, LLC**  
**Nays 1209 N-6H**  
**Stimulation Record**

Stage #	Date	Average Pump Rate (BPM)	Average Treatment Pressure (PSI)	Maximum Breakdown Pressure (PSI)	ISIP (PSI)	Proppant (LBS)	Water (BBLs)
Sleeve / 1	1/21/2020	66.2	9787	10372	4639	11460	5149
2	1/22/2020	78.0	8,766	9,177	5,027	578,900	15,551
3	1/22/2020	79.1	9,145	9,858	5,070	594,560	13,112
4	1/23/2020	78.2	9,251	10,119	4,793	700,000	14,133
5	1/23/2020	83.8	9,428	10,100	5,652	699,800	14,125
6	1/23/2020	79.0	9,273	9,707	5,491	706,800	17,731
7	1/24/2020	81.0	9,358	9,652	5,303	702,100	14,476
8	1/24/2020	77.2	8,921	9,285	4,971	702,140	14,376
9	1/25/2020	84.4	9,327	9,542	5,791	702,900	13,804
10	1/25/2020	82.2	9,290	9,453	5,842	702,300	12,645
11	1/26/2020	84.0	9,471	10,297	5,824	722,020	12,732
12	1/26/2020	88.7	9,702	10,407	6,436	722,400	13,517
13	1/27/2020	85.8	9,392	11,347	5,490	722,000	12,711
14	1/27/2020	85.4	9,660	10,169	6,216	728,300	11,824
15	1/27/2020	87.3	9,678	9,970	5,525	725,300	11,772
16	1/27/2020	90.4	9,650	10,038	5,604	727,260	11,877
17	1/28/2020	93.1	9,655	10,201	5,226	725,040	11,787
18	1/28/2020	93.3	9,787	10,188	5,621	732,100	11,726
19	1/28/2020	90.4	9,816	10,399	5,275	725,380	11,212
20	1/29/2020	90.2	9,750	10,270	4,797	729,440	12,256
21	1/29/2020	86.6	9,324	10,878	6,744	725,300	11,615
22	1/29/2020	84.5	9,534	10,134	5,144	489,500	10,125
23	1/30/2020	88.7	9,810	10,124	5,175	731,200	12,705
24	1/30/2020	85.4	9,665	10,485	6,158	725,800	12,948
25	1/30/2020	89.2	9,795	10,116	6,004	725,400	11,823
26	1/31/2020	89.6	9,484	10,471	5,656	725,200	13,034
27	1/31/2020	92.1	9,387	9,708	4,776	725,000	11,719
28	1/31/2020	84.7	9,393	11,267	4,981	731,300	11,743
29	2/1/2020	82.5	9,344	10,789	5,910	724,500	13,940
30	2/1/2020	83.2	9,155	10,355	6,444	725,200	11,680
31	2/2/2020	83.4	9,535	11,400	5,300	684,800	13,526
32	2/2/2020	87.8	9,131	9,470	5,792	725,400	9,681
33	2/2/2020	94.4	9,463	9,728	5,958	725,000	9,866
34	2/3/2020	92.5	9,250	9,808	5,750	725,100	9,812
35	2/3/2020	93.3	9,390	9,833	6,204	725,600	9,625
36	2/4/2020	91.8	9,430	10,082	5,517	725,800	10,412
37	2/4/2020	89.9	9,794	10,500	6,412	611,000	10,189
38	2/4/2020	87.5	9,237	9,428	6,677	734,700	9,762
39	2/4/2020	87.9	9,100	9,640	6,581	725,500	11,511
40	2/4/2020	93.6	9,398	9,967	5,608	725,500	9,763
41	2/5/2020	87.2	8,728	9,681	6,540	726,000	10,444
42	2/5/2020	96.7	9,606	10,033	5,790	725,400	9,814
43	2/6/2020	90.3	9,385	10,350	5,885	725,400	10,219
44	2/6/2020	86.7	9,222	10,796	6,415	725,000	9,574
45	2/6/2020	88.7	9,361	9,834	6,233	725,600	11,074

46	2/7/2020	88.4	9,240	10,177	5,426	704,900	9,809
47	2/7/2020	85.8	8,846	10,311	5,259	706,000	9,515
48	2/7/2020	89.2	9,095	9,609	5,641	705,100	9,387
49	2/7/2020	86.5	9,075	9,558	5,730	705,100	9,567
50	2/8/2020	86.6	9,399	9,941	6,348	704,900	10,767
51	2/9/2020	87.9	9,119	9,578	5,985	705,500	10,946
52	2/9/2020	86.7	9,232	9,993	5,733	710,500	11,850
53	2/10/2020	95.0	9,169	10,205	4,782	701,810	10,992
54	2/10/2020	95	9,173	10,414	4,832	512,200	9,218
55	2/11/2020	99.5	9,412	10,666	5,250	705,340	11,263
56	2/11/2020	90.6	8,855	9,539	4,487	714,400	12,505
57	2/12/2020	98.7	9,281	9,787	5,386	709,980	11,817
58	2/12/2020	98.3	9,127	9,862	5,350	704,120	11,840
59	2/13/2020	95.6	9,233	9,812	5,747	705,100	11,211
60	2/13/2020	97.1	8,920	9,519	5,895	705,100	10,598
61	2/13/2020	98.6	9,165	9,647	5,027	705,360	9,793
62	2/13/2020	91	8,883	10,129	5,360	528,700	9,985
63	2/14/2020	92.2	8,966	9,692	5,134	709,500	10,759
64	2/14/2020	96.4	8,864	9,387	5,455	710,280	9,637
65	2/14/2020	96.9	9,415	10,168	5,145	646340	9,606
66	2/14/2020	90.5	8,777	10,113	5,002	710200	10,443
67	2/15/2020	91.5	8,989	10,052	5,349	709600	10,898
68	2/15/2020	97.7	9,059	9,775	6,154	649460	10,538
69	2/15/2020	92.2	8,960	9,529	5,843	710100	11,153
70	2/16/2020	98.2	9,222	9,791	6,111	715580	9,620
71	2/16/2020	95.1	9,108	10,838	6,357	678980	9,791
72	2/16/2020	90.2	9,156	9,986	6,223	710100	9,516
73	2/22/2020	95.3	9,492	10,165	7,550	279840	6,807
74	2/22/2020	97.5	8,746	10,405	5,081	710060	11,206
75	2/23/2020	89.5	8,704	9,495	5,457	708200	10,207
76	2/23/2020	97.9	8,481	9,582	5,221	710120	9,229





**HG Energy II Appalachia, LLC**  
**Nays 1209 N-6H**  
**Lithology/Formation Information**

<b>Formation</b>	<b>Top Depth TMD</b>	<b>Top Depth TVD</b>	<b>Bottom Depth TMD</b>	<b>Bottom Depth TVD</b>	<b>Rock Type, Type of Fluid, Gas, Oil</b>	<b>Oil, Gas, Water</b>
Coal	160	160	163	163	Coal	
Water show	190	190	191	191	3/4" stream, silty shale	Fresh Water
Water show	310	310	311	311	1/2" Stream, sand	Fresh Water
Coal	544	544	548	548	Coal	
3rd Salt sand	808	808	905	905	Sand/Siltstone	
Red rock	988	988	1054	1054	Red/brown Shale/Siltstone, sandstone	
Lower Maxton	1058	1058	1118	1118	Sandstone/ Siltstone	
Big lime	1158	1158	1229	1229	Limestone	
Big Injun	1229	1229	1344	1344	Sandstone	
Gantz	1541	1541	1594	1594	Sandstone	
50' sand	1644	1644	1682	1682	Sandstone	
30' Sand	1732	1732	1742	1742	Sandstone	
Gordon Stray	1790	1790	1856	1856	Sandstone	
Gordon Sand	1856	1856	1921	1921	Sandstone	
5th Sand	2051	2051	2076	2076	Sandstone	
Bayard	2126	2126	2138	2138	Sandstone	
Warren	2439	2439	2464	2464	Sandstone/Siltstone	
Speechley	2750	2750	2775	2775	siltstone/Shale	
Balltown	2967	2967	3008	3002	Sandstone	
Benson	4308	4057	4319	4067	Sandstone	
Rhinstreet	6557	5888.5	6900	6162	Shale	
Cashaqua	6900	6162	7166	6378	shale	
Middlesex	7166	6378	7279	6467	shale	
West River	7279	6467	7401	6557	shale	
Burket	7401	6557	7481	6609	shale	
Tully	7481	6609	7673	6709	Limestone	
Hamilton	7673	6709	7848	6772	shale	
Marcellus	7848	6772	22852	6725	shale	

BHL is located on topo map 6,745 feet south of Latitude: 39° 12' 30"  
 SHL is located on topo map 6,791 feet south of Latitude: 39° 10' 00"

**SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL**

**SEE PAGE 3 FOR SURFACE OWNERS**

BHL is located on topo map 10,119 feet west of Longitude: 80° 25' 00"  
 SHL is located on topo map 7,600 feet west of Longitude: 80° 25' 00"

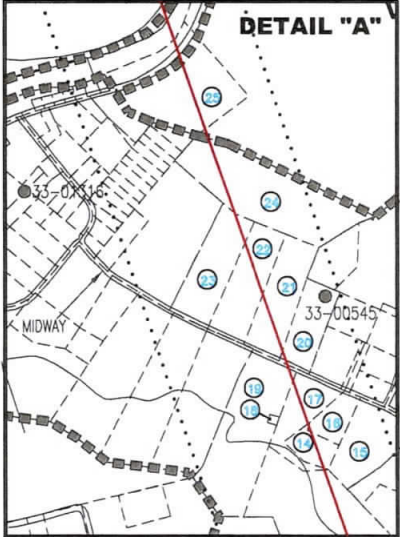
**AS DRILLED  
SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83(M)  
 N:4333350.297  
 E:548091.024  
 UTM 17-NAD83(FT)  
 N:14217000.10  
 E:1798195.30  
 LAT/LON DATUM-NAD83  
 LAT:39.148021  
 LON:-80.443464

**AS DRILLED  
APPROX. LANDING POINT**  
 UTM 17-NAD83(M)  
 N:4333696.785  
 E:548873.508  
 UTM 17-NAD83(FT)  
 N:14218136.87  
 E:1800762.50  
 LAT/LON DATUM-NAD83  
 LAT:39.151099  
 LON:-80.434384

**AS DRILLED  
BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83(M)  
 N:4337980.782  
 E:547285.454  
 UTM 17-NAD83(FT)  
 N:14232191.95  
 E:1795552.36  
 LAT/LON DATUM-NAD83  
 LAT:39.189789  
 LON:-80.452463

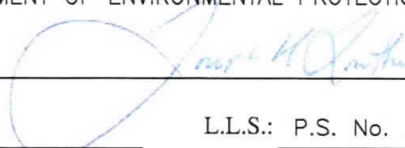


	LESSOR	DIST-TM/PAR
A	J. B. GUSMAN ET AL	20-444/11.2
		12-444/13
		12-444/14
		12-424/51
B	EDMOND SOUTHERN ET UX	12-424/51
C	L. B. MAXWELL ET AL	12-424/52.1
D	PAUL S. HORNOR ET AL	12-424/45.8
E	WM BURNSIDE ET AL	12-424/46
		12-424/45.5
		12-424/27.1
		12-424/56
		12-424/45.6
		12-424/45.1
		12-424/27
		12-424/25
		12-424/24
		12-424/20
F	WILLIAM BURNSIDE ET AL	12-424/4
		12-424/45.2
G	WILLIAM AND RUHAMA BURNSIDE	12-424/54
		12-424/3
H	J P POST ET AL	12-424/5
		20-404/2
H	J P POST ET AL	20-404/57
		20-404/43
		20-404/32.2
		20-404/32.10
		20-404/32.7
		20-404/32.6
		20-404/32



FILE #: 1209 N-6H  
 DRAWING #: 1209 N-6H  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed:   
 R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2346



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: MAY 20, 2020  
 OPERATOR'S WELL #: 1209 N-6H  
 API WELL #: 47 33 05939  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: MIDDLE WEST FORK CREEK ELEVATION: 1,007'±

COUNTY/DISTRICT: HARRISON / UNION QUADRANGLE: WEST MILFORD, WV 7.5'

SURFACE OWNER: HG ENERGY II APPALACHIA, LLC ACREAGE: 95.06±

OIL & GAS ROYALTY OWNER: ANN COVINGTON, ET AL ACREAGE: 1014.105±

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,725'± TMD: 22,852'±

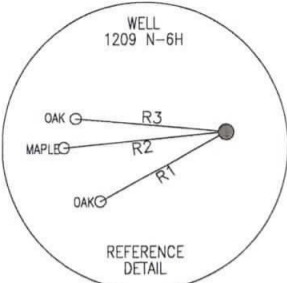
WELL OPERATOR HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT DIANE C. WHITE

Address 5260 DUPONT ROAD Address 5260 DUPONT ROAD

City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

# 1209 N-6H

## PAGE 2 OF 3



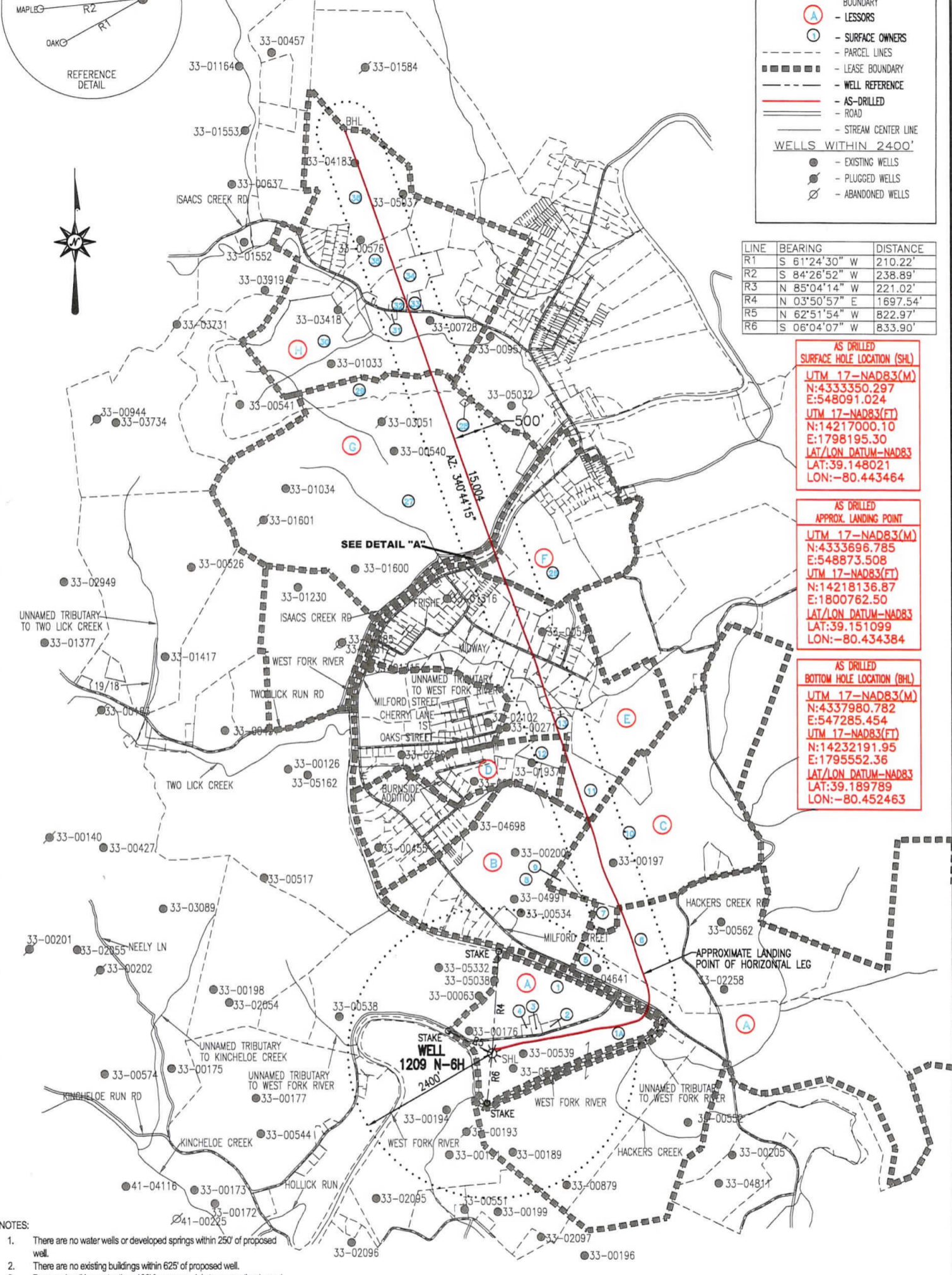
LEGEND	
	- TOPO MAP POINT
	- WELL
	- ALL ARE POINTS UNLESS OTHERWISE NOTED.
	- MINERAL TRACT BOUNDARY
	- LESSORS
	- SURFACE OWNERS
	- PARCEL LINES
	- LEASE BOUNDARY
	- WELL REFERENCE
	- AS-DRILLED
	- ROAD
	- STREAM CENTER LINE
WELLS WITHIN 2400'	
	- EXISTING WELLS
	- PLUGGED WELLS
	- ABANDONED WELLS

LINE	BEARING	DISTANCE
R1	S 61°24'30" W	210.22'
R2	S 84°26'52" W	238.89'
R3	N 85°04'14" W	221.02'
R4	N 03°50'57" E	1697.54'
R5	N 62°51'54" W	822.97'
R6	S 06°04'07" W	833.90'

**AS DRILLED  
SURFACE HOLE LOCATION (SHL)**  
**UTM 17-NAD83(M)**  
 N:4333350.297  
 E:548091.024  
**UTM 17-NAD83(FT)**  
 N:14217000.10  
 E:1798195.30  
**LAT/LON DATUM-NAD83**  
 LAT:39.148021  
 LON:-80.443464

**AS DRILLED  
APPROX. LANDING POINT**  
**UTM 17-NAD83(M)**  
 N:4333696.785  
 E:548873.508  
**UTM 17-NAD83(FT)**  
 N:14218136.87  
 E:1800762.50  
**LAT/LON DATUM-NAD83**  
 LAT:39.151099  
 LON:-80.434384

**AS DRILLED  
BOTTOM HOLE LOCATION (BHL)**  
**UTM 17-NAD83(M)**  
 N:4337980.782  
 E:547285.454  
**UTM 17-NAD83(FT)**  
 N:14232191.95  
 E:1795552.36  
**LAT/LON DATUM-NAD83**  
 LAT:39.189789  
 LON:-80.452463



- NOTES:
1. There are no water wells or developed springs within 250' of proposed well.
  2. There are no existing buildings within 625' of proposed well.
  3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
  4. There are no native trout streams within 300' of proposed well.
  5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
  6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

API WELL #:      47      33      05939  
 STATE      COUNTY      PERMIT  
**MAY 20, 2020**



# 1209 N-6H

## PAGE 3 OF 3

	SURFACE OWNER	DIST-TM/PAR
1	DANNY LEE & ALICIA A. STICKEL	P/O 20-444/11.2
1A	HG ENERGY II APPALACHIA, LLC	P/O 20-444/11.2
2	HG ENERGY II APPALACHIA, LLC	20-444/11.3
3	AARON C. & CHRISTINA P. MEDINA	20-444/11
4	HG ENERGY II APPALACHIA, LLC	20-444/11.1
5	WILLIAM BRUCE, JR. & CONNIE C. FERRELL	12-444/13
6	ROBERT J. BRIGHTBILL	12-444/14
7	ROBERT J. BRIGHTBILL	12-424/51.3
8	JOHN E., JR. & LEE M. PAUGH	12-424/51
9	JOHN E., JR. & LEE M. PAUGH	12-424/52.4
10	ROBERT J. BRIGHTBILL	12-424/52.1
11	EDWARD MICHAEL BODKIN	12-424/46
12	GREGORY J. & KIMBERLY D. BODKIN	12-424/45.8
13	EARL J. & CHARLOTTE HEATER	12-424/45.5
14	STACI M. COTTRILL & D. DAVIS MICKY	12-424/45.6
15	*CHARLOTTE ANN HEATER	12-424/56
16	STACI M. COTTRILL & MICKY D. DAVIS	12-424/45.2
17	KAZIMIER A. & PAMELA L. KAPIS	12-424/45.1
18	GREATER HARRISON COUNTY PUBLIC SERVICE DISTRICT	12-424/27.1
19	VIVIAN K. ABLES	12-424/27
20	GARY R. & CHYRL L. DRUMMOND	12-424/54
21	CARL R. KROSMICO	12-424/25
22	CARL R. KROSMICO	12-424/24
23	CARL R. KROSMICO	12-424/20
24	JOE M. & KAREN S. GONZALEZ	12-424/4
25	LISA D. GOFF	12-424/3
26	JOSEPH HARRY MASON	12-424/5
27	WILLIAM MICHAEL MCDONALD	12-424/2
28	GREATER HARRISON COUNTY PUBLIC SERVICE DISTRICT	20-404/58
29	PERRY LEE & DEBORAH JEAN POST	20-404/57
30	PERRY LEE & DEBORAH JEAN POST	20-404/43
31	JASON A. & JENNIFER E. POST	20-404/43.8
32	MORRELL E., JR. & MAJORIE R. RAPKING	20-404/32.2
33	PATRICIA R. & WILLIAM T. DOUGLAS	20-404/32.10
34	MORRELL EDWARD, JR. & MAJORIE R. RAPKING	20-404/32.7
35	NANCY JEAN MURPHY	20-404/32.6
36	POST HERITAGE LLC	20-404/32

AS DRILLED  
SURFACE HOLE LOCATION (SHL)  
UTM 17-NAD83(M)  
N:4333350.297  
E:548091.024  
UTM 17-NAD83(FT)  
N:14217000.10  
E:1798195.30  
LAT/LON DATUM-NAD83  
LAT:39.148021  
LON:-80.443464

\* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

AS DRILLED  
APPROX. LANDING POINT  
UTM 17-NAD83(M)  
N:4333696.785  
E:548873.508  
UTM 17-NAD83(FT)  
N:14218136.87  
E:1800762.50  
LAT/LON DATUM-NAD83  
LAT:39.151099  
LON:-80.434384

AS DRILLED  
BOTTOM HOLE LOCATION (BHL)  
UTM 17-NAD83(M)  
N:4337980.782  
E:547285.454  
UTM 17-NAD83(FT)  
N:14232191.95  
E:1795552.36  
LAT/LON DATUM-NAD83  
LAT:39.189789  
LON:-80.452463

API WELL #:      47                  33                  05939  
STATE      COUNTY                  PERMIT

**MAY 20, 2020**

