

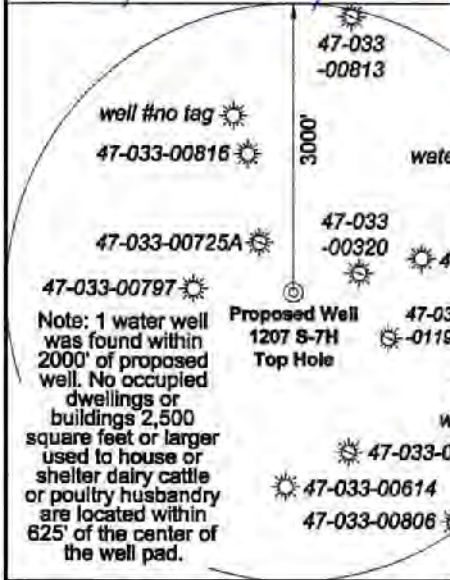
HG Energy II Appalachia, LLC  
Well No. 1207 S-7H

Tag	Bearing	Dist.
L1	S 02°27' W	1,357.6'
L2	S 17°56' W	1,603.5'
L3	S 75°09' W	2,189.1'
L4	N 74°41' W	1,016.8'
L5	S 62°18' W	2,254.9'



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.

*Dwayne D. Matheny*  
Dwayne D. Matheny, P.S., 2070

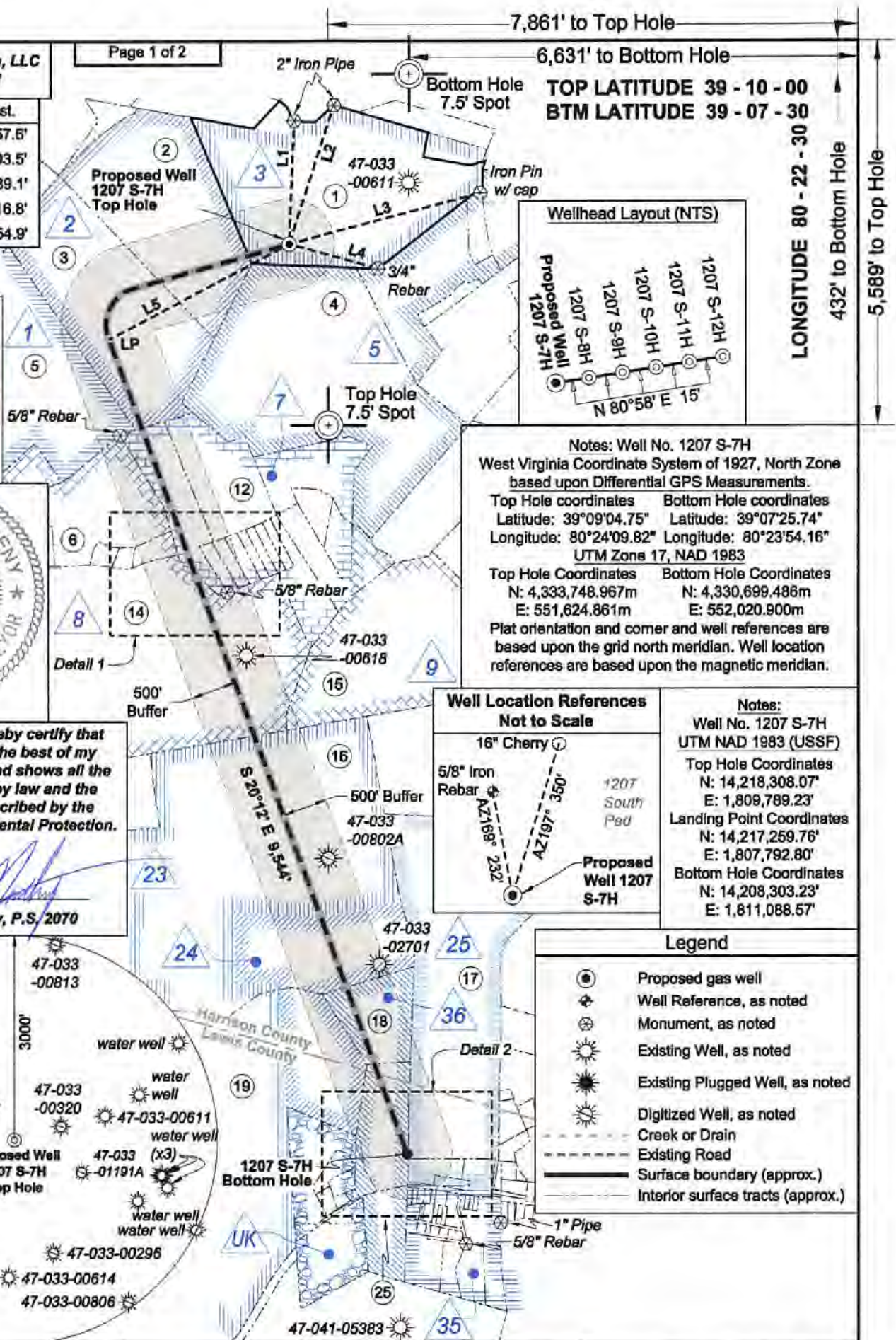


FILE NO: 296-36-G-18  
DRAWING NO: 1207 S-7H Well Plat  
SCALE: 1" = 1500'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

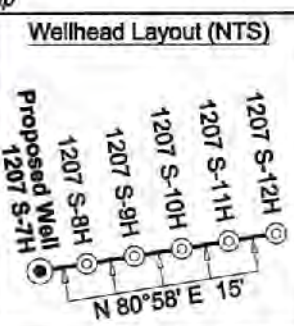
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: 1,344' WATERSHED: Middle West Fork Creek QUADRANGLE: West Milford  
DISTRICT: Grant COUNTY: Harrison  
SURFACE OWNER: HG Energy II Appalachia, LLC ACREAGE: 89.07  
ROYALTY OWNER: Dora B. McWhorter, et al LEASE NO: ACREAGE: 103.00  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 7,145' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 17,730' 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

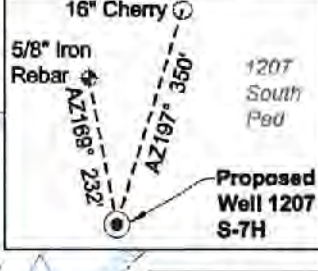


TOP LATITUDE 39 - 10 - 00  
BTM LATITUDE 39 - 07 - 30



Notes: Well No. 1207 S-7H  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Top Hole coordinates Bottom Hole coordinates  
Latitude: 39°09'04.75" Latitude: 39°07'25.74"  
Longitude: 80°24'09.82" Longitude: 80°23'54.16"  
UTM Zones 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,333,748.967m N: 4,330,699.486m  
E: 551,624.861m E: 552,020.900m  
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

Well Location References Not to Scale



Notes:  
Well No. 1207 S-7H  
UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,218,308.07'  
E: 1,809,789.23'  
Landing Point Coordinates  
N: 14,217,259.76'  
E: 1,807,792.80'  
Bottom Hole Coordinates  
N: 14,208,303.23'  
E: 1,811,088.57'

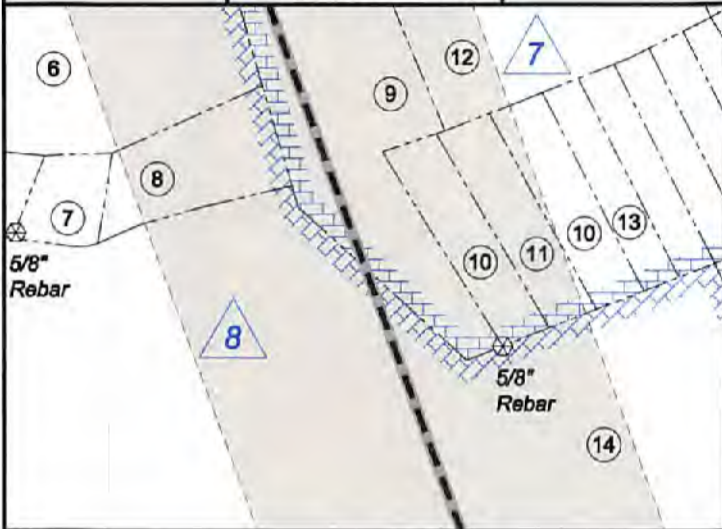
Legend

	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.)
	Interior surface tracts (approx.)

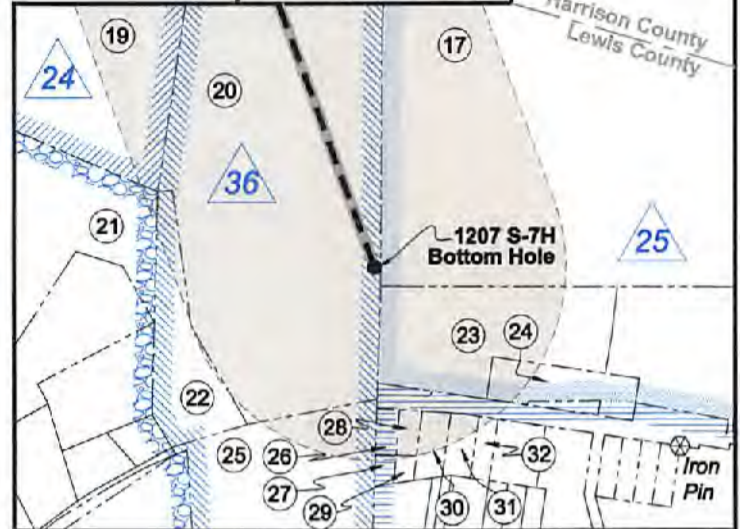




Detail 1 (Scale 1"=500')



Detail 2 (Scale 1"=500')



Harrison Co. - Grant Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	445 / 5	HG Energy II Appalachia, LLC	--- / ---	89.07
2	445 / 3	Lisa M. Nutter	W188 / 687	64.00
3	445 / 12	Lisa M. Nutter	W188 / 687	64.50
4	445 / 13	Mickey Petitto	W175 / 1167	132.85
5	445 / 11	Lisa M. Nutter	W188 / 687	75.50
6	445 / 23	Robert Aliman, et al	W177 / 231	32.84
7	445 / 23.3	Daryl W. & Cheryl Lantz	1411 / 900	1.06
8	445 / 23.1	Daryl W. & Cheryl Lantz	1411 / 900	2.50
9	445 / 24	Garrett Wayne Snow, et al	W186 / 1160	16.28
10	445 / 35	Robert B. Freeman	1606 / 126	3.82
11	445 / 35.1	Robert B. Freeman	1606 / 126	1.85
12	445 / 25	Leland Jackson Freeman, et al	W167 / 371	21.00
13	445 / 36	Leland Jackson Freeman	W167 / 371	1.34
14	445 / 46	James W. Riffle II, et al	1385 / 259	140.43
15	445 / 47	Franklin L. & Charles R. Sutton	1401 / 913	78.00
16	465 / 4.1	J. Gregory & Rebecca Moore	1421 / 350	353.80
17	465 / 11	Catherine D. Weber	1495 / 458	103.72
18	465 / --	Unknown Parcel	--- / ---	16.52

Lewis Co. - Hackers Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
19	8C / 55	William C. White	W23 / 102	92.02
20	8C / 57	William A. Ward	F31 / 82	29.28
21	8C / 58	Christy Pratt & Rocky Lipps	734 / 368	23.12
22	8C / 57.2	Ethan S. Wamsley & Sharon L. Harper	581 / 291	1.72
23	6 / 1	Willard J. Prince	W22 / 109	4.75
24	6 / 2.1	JSB Land Holding, LLC	684 / 436	0.97
25	8C / 57.1	Jack L. Frazier	524 / 498	13.50
26	6 / 7.1	Elizabeth D. Ocheitree	529 / 721	0.19
27	6 / 7	Ezra J. & Mary T. Waugh	362 / 599	0.10
28	6 / 8.1	Elizabeth D. Ocheitree	529 / 721	0.15
29	6 / 8	Ezra J. & Mary T. Waugh	362 / 599	0.06
30	6 / 9	Elizabeth D. Ocheitree	529 / 721	0.25
31	6 / 9.2	Leonard M. Minigh	622 / 557	0.30
32	6 / 9.1	Leonard M. Minigh	622 / 557	0.20

ID	Lease
1	Jerome B. Gusman
2	A.J. Smith, et ux
3	Dora B. McWhorter, et al
5	Union National Bank Trustee of Gore Morris
7	John T. Freeman
8	Walter Neely, et al
9	William H. & Fannie M. Horner
23	J.W. Jackson
24	William C. White
25	Nathan McWhorter, et al
35	Willard J. Prince, et al
36	Garnett M. Corley
UK	Stalnaker Heirs

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

DATE: August 8 20 19  
OPERATOR'S WELL NO. 1207 S-7H  
API WELL NO  
47 - 033 - 05776  
STATE COUNTY PERMIT

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(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

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QUADRANGLE: West Milford  
COUNTY: Harrison  
ACREAGE: 89.07

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ROYALTY OWNER: Dora B. McWhorter, et al

LEASE NO: \_\_\_\_\_ ACREAGE: 103.00

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