

701706978

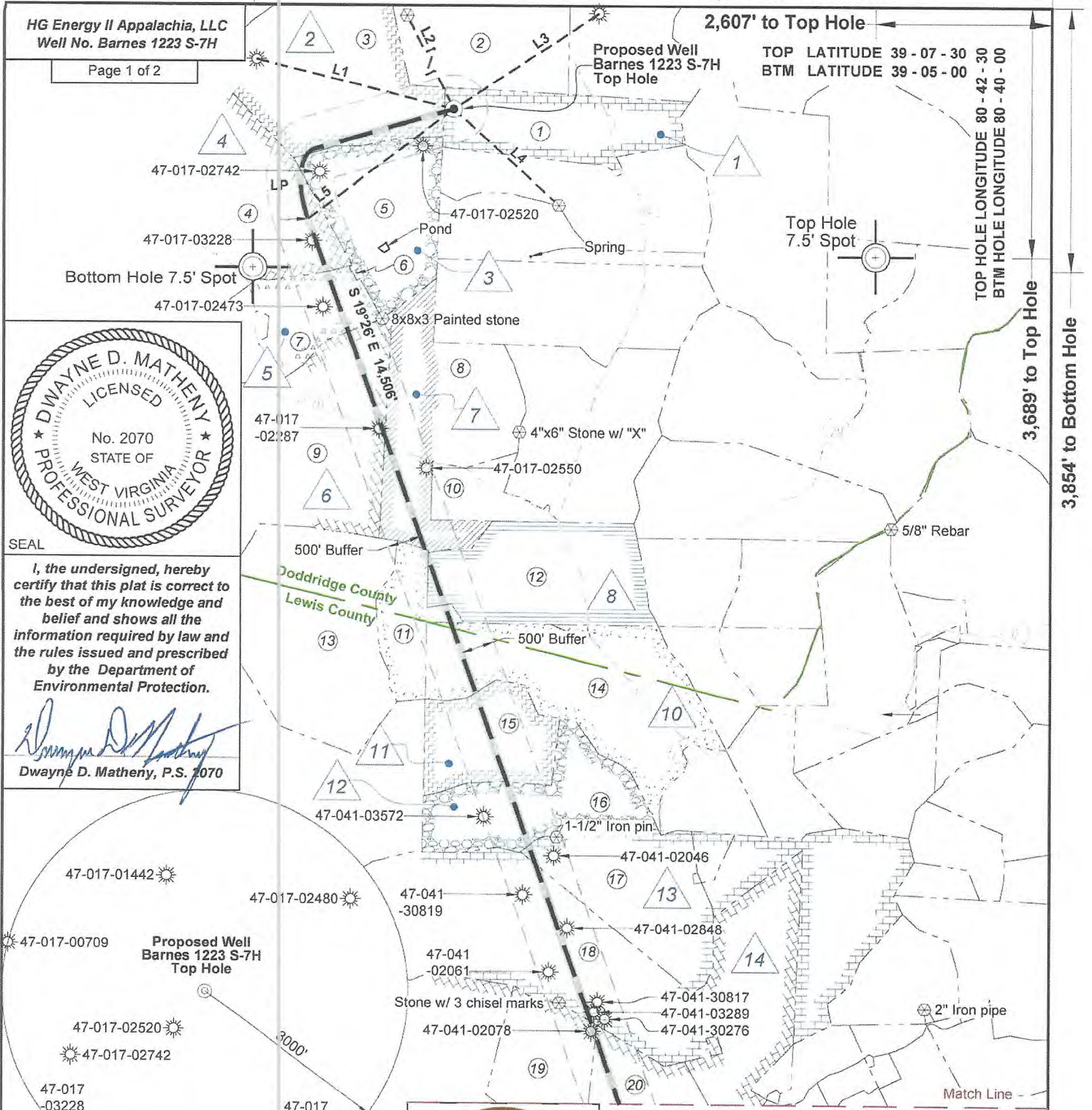
11,810' to Bottom Hole

2,607' to Top Hole

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

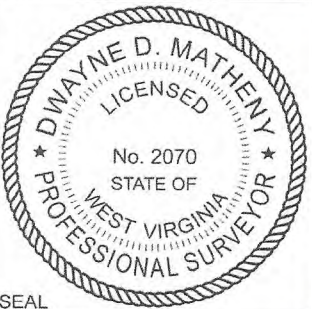
TOP HOLE LONGITUDE 80 - 42 - 30
BTM HOLE LONGITUDE 80 - 40 - 00

3,689' to Top Hole
3,854' to Bottom Hole



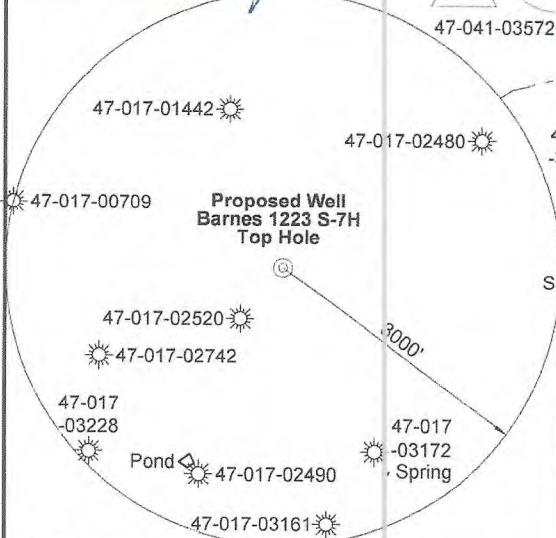
HG Energy II Appalachia, LLC
Well No. Barnes 1223 S-7H

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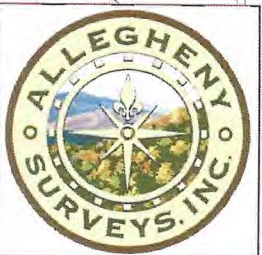


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



Note: 0 water wells, 0 cistern, and 0 ponds were 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	S 76°00' E	2,998.1'	47-017-00709
L2	S 26°30' E	2,318.5'	5/8" Rebar
L3	S 56°37' W	2,568.7'	47-017-02480
L4	N 47°24' W	2,116.8'	1/2" Rebar @ fence corner
L5	S 52°27' W	2,711.7'	Landing Point

FILE NO: 171-12-30-FC-22
DRAWING NO: Barnes 1223 S-7H 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

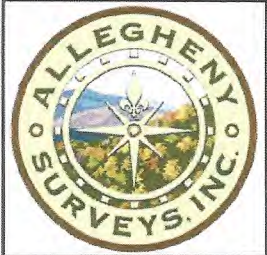
DATE: April 10 2024
OPERATOR'S WELL NO. Barnes 1223 S-7H
API WELL NO
47 - 017 -
STATE COUNTY PERMIT

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

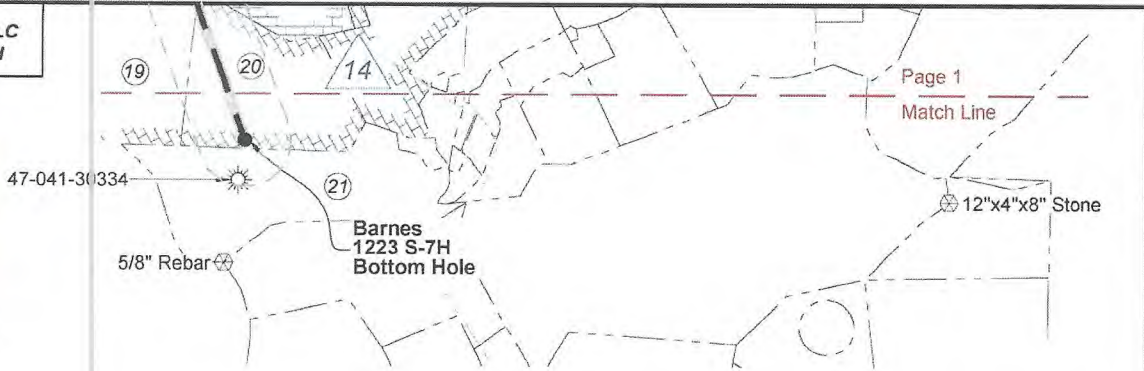
LOCATION: ELEVATION: 1,329' WATERSHED: Fink Creek QUADRANGLE: Vadis
DISTRICT: Cove COUNTY: Doddridge
SURFACE OWNER: Marilyn Barnes, et al ACREAGE: 76.00
ROYALTY OWNER: Carolyn Rasle Bass, et al LEASE NO: ACREAGE: 123
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,155' TVD
22,800' 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

HG Energy II Appalachia, LLC
Well No. Barnes 1223 S-7H

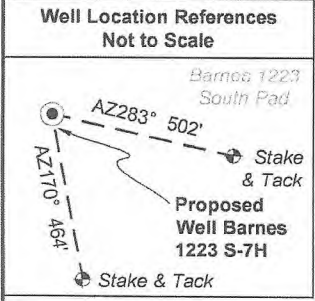


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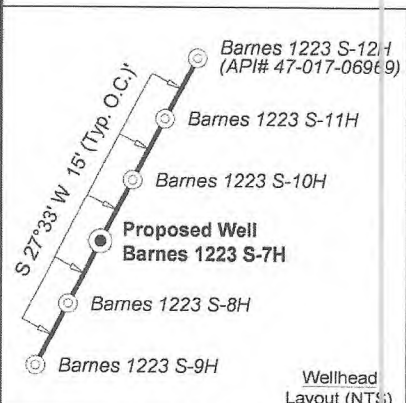


Notes: Well No. Barnes 1223 S-7H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,204,602.71'
E: 1,720,586.06'
Landing Point Coordinates
N: 14,202,950.31'
E: 1,718,435.94'
Bottom Hole Coordinates
N: 14,189,275.59'
E: 1,723,258.59'

Notes: Well No. Barnes 1223 S-7H
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°06'53.52" Latitude: 39°04'21.89"
Longitude: 80°43'03.09" Longitude: 80°42'29.80"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,329,571.565m N: 4,324,899.850m
E: 524,435.680m E: 525,250.269m
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.



- 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.)



ID	Lease
1	Carolyn Rastle Bass, et al
2	James L. Marsh, et al
3	Asset Management, LLC, et al
4	William M. Bailey, et al
5	Carolyn Davita Woofter Chancellor, et al
6	Dolores Hinter, et al
7	Martin Dwight Hall
8	HG Energy II Appalachia, LLC
10	HG Energy II Appalachia, LLC
11	HG Energy II Appalachia, LLC
12	HG Energy II Appalachia, LLC
13	William H. Hall & Mary E. Hall
14	Frank Rastle, et ux, et al

Doddridge Co. (Cove Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	10 / 16	Marilyn Barnes, et al	W28 / 552	76.10
2	9 / 21	Carolyn R. Bass, et al	239 / 151	120.00
3	9 / 20	Clyde W. Marsh, et al	W36 / 152	149.00
4	9 / 26	Chestnut Oak, LLC.	513 / 465	91.75
5	9 / 27	Willard L. Fuller, III	215 / 149	89.00
6	13 / 15.3	Willard L. Fuller, III	215 / 149	0.28
7	13 / 15.2	Diana H. Frank	W38 / 439	43.47
8	13 / 16	Ralph T. Buntin, Jr., et al	224 / 79	114.76
9	13 / 11	Yvonne Foster	W40 / 419	147.64
10	13 / 16.1	Ralph T. Buntin, Jr., et al	224 / 79	26.90
11	13 / 19	Henry G. & Sylvia R. Rastle	187 / 44	35.60
12	13 / 18	Kevin M. Kearney	251 / 298	100.00
Lewis Co. (Freemans Creek Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
13	1D / 1	Elaine B. Mines & Helen B. Keplinger	515 / 317	154.25
14	1D / 5	Henry G & Sylvia Rastle	398 / 311	142.00
15	1D / 4	Fonda W. Simmons Trust	629 / 66	64.00
16	1D / 6	Fonda W. Simmons Trust	629 / 66	83.00
17	1D / 7	Fonda W. Simmons Trust	629 / 66	100.10
18	1E / 12	Fonda W. Simmons Trust	629 / 66	197.25
19	1E / 13	Thomas R. Riley, et al	577 / 553	59.90
20	1E / 14	Thomas E. Rastle	128 / 584	51.25
21	1E / 15	Lee M. Reese & Karon L. de Silva	620 / 391	63.38

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06/07/2024