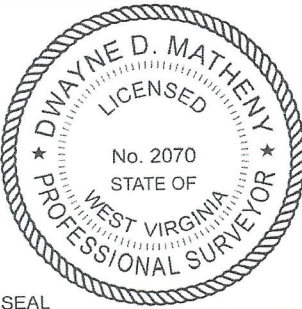


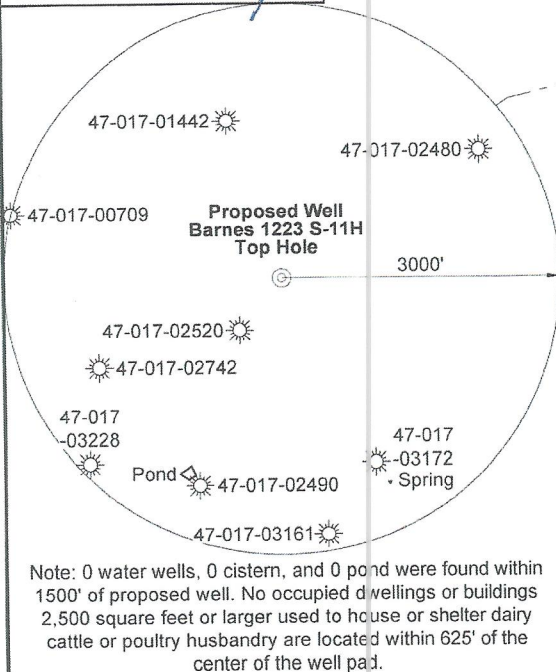
HG Energy II Appalachia, LLC  
Well No. Barnes 1223 S-11H

Page 1 of 2

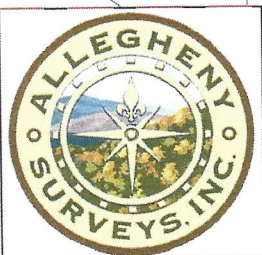


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



Note: 0 water wells, 0 cistern, and 0 pond 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°33' E	3,005.2'	47-017-00709
L2	S 27°06' E	2,301.0'	5/8" Rebar
L3	S 56°56' W	2,542.5'	47-017-02480
L4	N 46°37' W	2,124.8'	1/2" Rebar @ fence corner
L5	S 77°46' E	1,645.6'	Landing Point

FILE NO: 171-12-30-FC-22  
DRAWING NO: Barnes 1223 S-11H 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

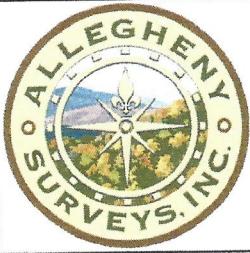
DATE: April 10 2024  
OPERATOR'S WELL NO. Barnes 1223 S-11H  
API WELL NO  
47 - 017 - 06975 H6A  
STATE COUNTY PERMIT

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

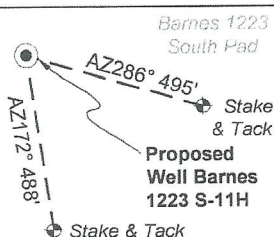
LOCATION: ELEVATION: 1,329' WATERSHED: Fink Creek QUADRANGLE: Vadis  
DISTRICT: Cove COUNTY: Doddridge  
SURFACE OWNER: Marilyn Barnes, et al ACREAGE: 06/07/2024  
ROYALTY OWNER: Carolyn Fastle Bass, et al LEASE NO: ACREAGE: 123

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,155' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 15,300' 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**



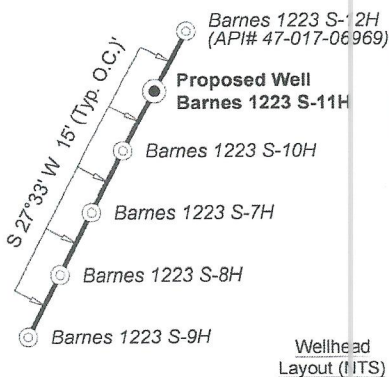
ID	Lease
1	Carolyn Rastle Bass, et al
19	Carolyn Rastle Bass, et al
20	Maxine Cole Rastle, et al
21	Myrtle M. Spray, et al
38	HG Energy II Appalachia, LLC
39	HG Energy II Appalachia, LLC
42	Leopold Krenn, et ux
48	Norma C. Bowyer
69	Ivah R. Schmidt, et vir, et al

**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.)

**Doddridge Co. (Cove Dist.)**

No.	TM / Par	Owner	Bk / Pg	Ac.
1	10 / 16	Marilyn Barnes, et al	W28 / 552	76.10
2	9 / 27	Willard L. Fuller, III	215 / 149	89.00
3	9 / 20	Clyde W. Marsh, et al	W36 / 152	149.00
4	9 / 21	Carolyn R. Bass, et al	239 / 151	120.00
5	10 / 16.1	Richard E. Spracklen	A41 / 714	74.90
6	10 / 17	Marilyn Barnes, et al	W28 / 552	90.00
7	9 / 28	Maxine S. Rastle	A58 / 287	53.63
8	14 / 1	Maxine S. Rastle	A58 / 287	129.04
9	14 / 2.2	Michael E. Dayhoff	429 / 259	128.50
10	13 / 17	Maxine S. Rastle	A58 / 287	116.18
11	14 / 3	Keith A. Tatro	W56 / 172	101.37
12	14 / 4	Kevin M. Kearney	266 / 410	44.30
13	14 / 4.1	James & Mary Donnelly	222 / 564	41.20
14	14 / 5	William & Susan Carlson	216 / 99	29.39
15	14 / 5.1	Allen Smith	514 / 134	35.46



Notes: Well No. Barnes 1223 S-11H  
UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,204,629.29'  
E: 1,720,599.93'  
Landing Point Coordinates  
N: 14,204,280.67'  
E: 1,722,208.21'  
Bottom Hole Coordinates  
N: 14,197,285.41'  
E: 1,724,675.22'

Notes: Well No. Barnes 1223 S-11H  
West Virginia Coordinate System of 1927, North Zone  
based upon Differential GPS Measurements.  
Top Hole coordinates Bottom Hole coordinates  
Latitude: 39°06'53.79" Latitude: 39°05'41.04"  
Longitude: 80°43'02.91" Longitude: 80°42'11.50"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,329,579.667m N: 4,327,341.248m  
E: 524,439.908m E: 525,682.058m  
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: 171-12-30-FC-22  
DRAWING NO: Barnes 1223 S-11H 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-11H  
API WELL NO  
47 - 017 - 06975 H6A  
STATE COUNTY PERMIT

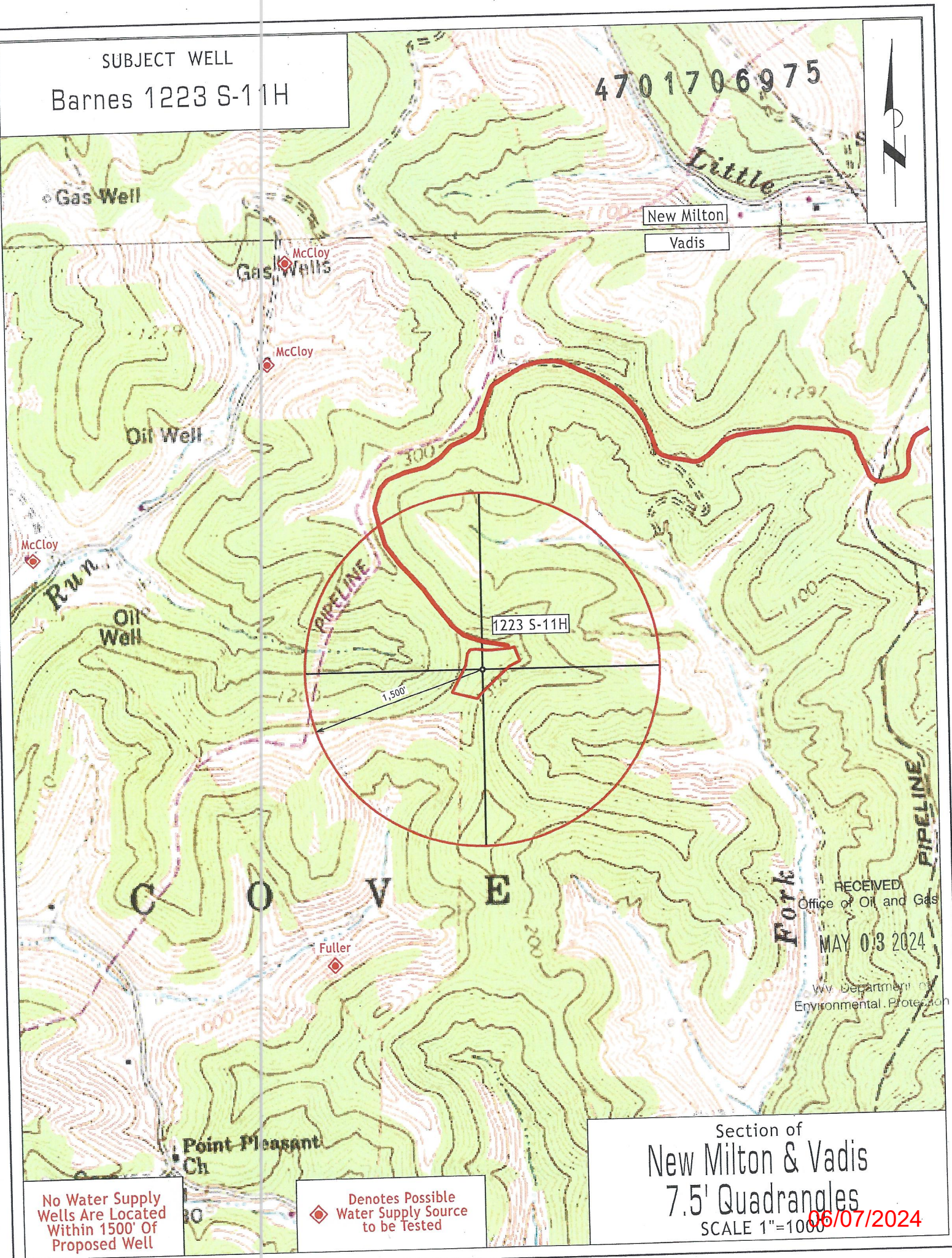
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: 1,325' WATERSHED: Fink Creek QUADRANGLE: Vadis  
DISTRICT: Cove COUNTY: Doddridge  
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ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101

SUBJECT WELL  
Barnes 1223 S-11H

4701706975



1223 S-11H

1,500

RECEIVED  
Office of Oil and Gas  
MAY 03 2024  
WV Department of  
Environmental Protection

Section of  
New Milton & Vadis  
7.5' Quadrangles

SCALE 1"=1000

06/07/2024

No Water Supply  
Wells Are Located  
Within 1500' Of  
Proposed Well

◆ Denotes Possible  
Water Supply Source  
to be Tested