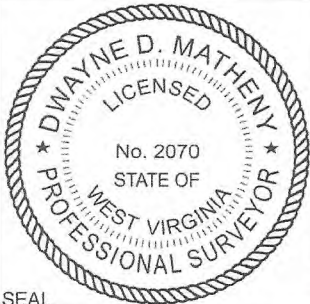


HG Energy II Appalachia, LLC
Well No. Barnes 1223 S-8H

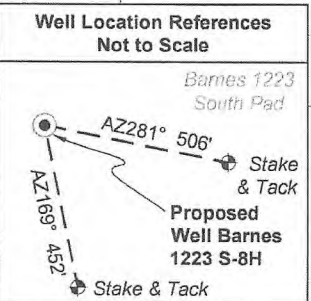
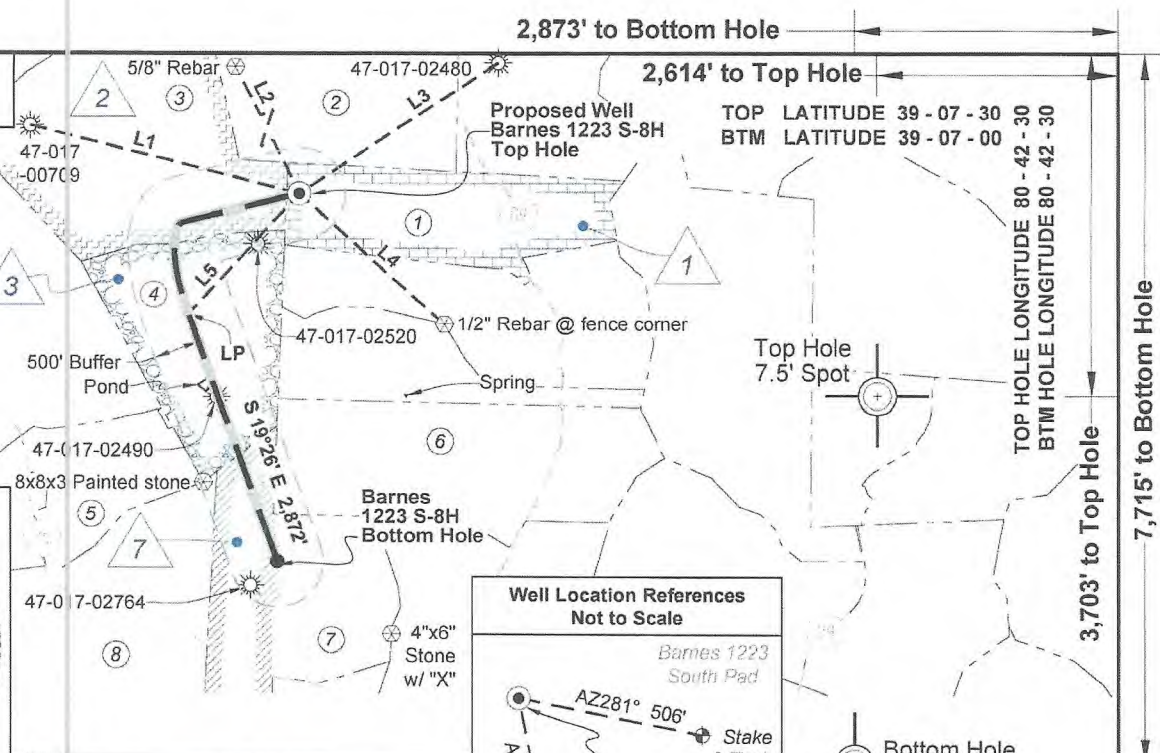


Page 1 of 1



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.

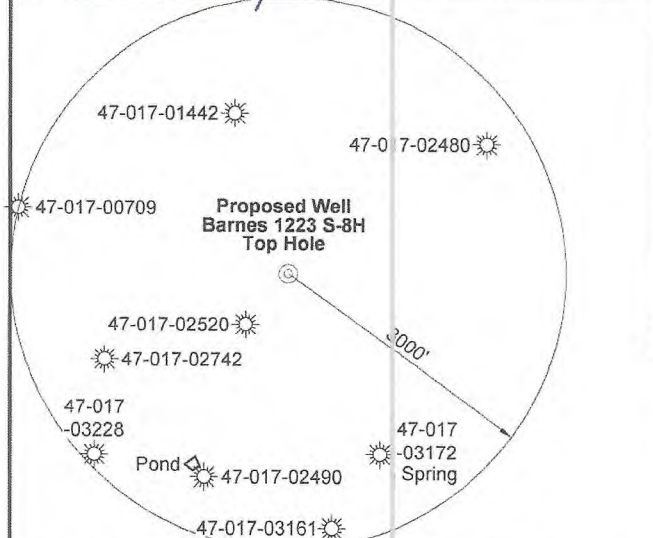
Dwayne D. Matheny
Dwayne D. Matheny, P.S. 2070



ID	Lease
1	Carolyn Rastle Bass, et al
2	James L. Marsh, et al
3	Asset Management, LLC, et al
7	Martin Dwight Hall

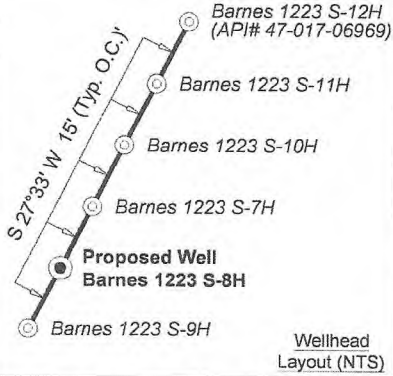
Doddridge Co. (Cove Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	10 / 16	Marilyn Barnes, et al	W28 / 552	76.10
2	9 / 21	Carolyn R. Bass, et al	239 / 151	120.00
3	9 / 20	Clyde W. Marsh, et al	W36 / 152	149.00
4	9 / 27	Willard L. Fuller, III	215 / 149	89.00
5	13 / 15.2	Diana H. Frank	W38 / 439	43.47
6	14 / 1	Maxine S. Rastle	A58 / 287	129.04
7	13 / 16	Ralph T. Buntten, Jr., et al	224 / 79	114.76
8	13 / 11	Yvonne Foster	W40 / 419	147.64

Tag	Bearing	Dist.
L1	S 75°43' E	2,994.6'
L2	S 26°12' E	2,327.3'
L3	S 56°27' W	2,581.8'
L4	N 47°47' W	2,113.0'
L5	S 42°34' W	1,774.1'



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.

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.)



Notes: Well No. Barnes 1223 S-8H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,204,589.41'
E: 1,720,579.12'
Landing Point Coordinates
N: 14,203,282.90'
E: 1,719,379.00'
Bottom Hole Coordinates
N: 14,200,575.92'
E: 1,720,333.67'

Notes: Well No. Barnes 1223 S-8H
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Latitude: 39°06'53.39" Longitude: 80°43'03.18" UTM Zone 17, NAD 1983
Bottom Hole coordinates Latitude: 39°06'13.72" Longitude: 80°43'06.45" UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,329,567.511m E: 524,433.565m
Bottom Hole Coordinates N: 4,328,344.197m E: 524,358.751m
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-8H 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-8H
API WELL NO
47 - 017 - 06976
STATE COUNTY PERMIT

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

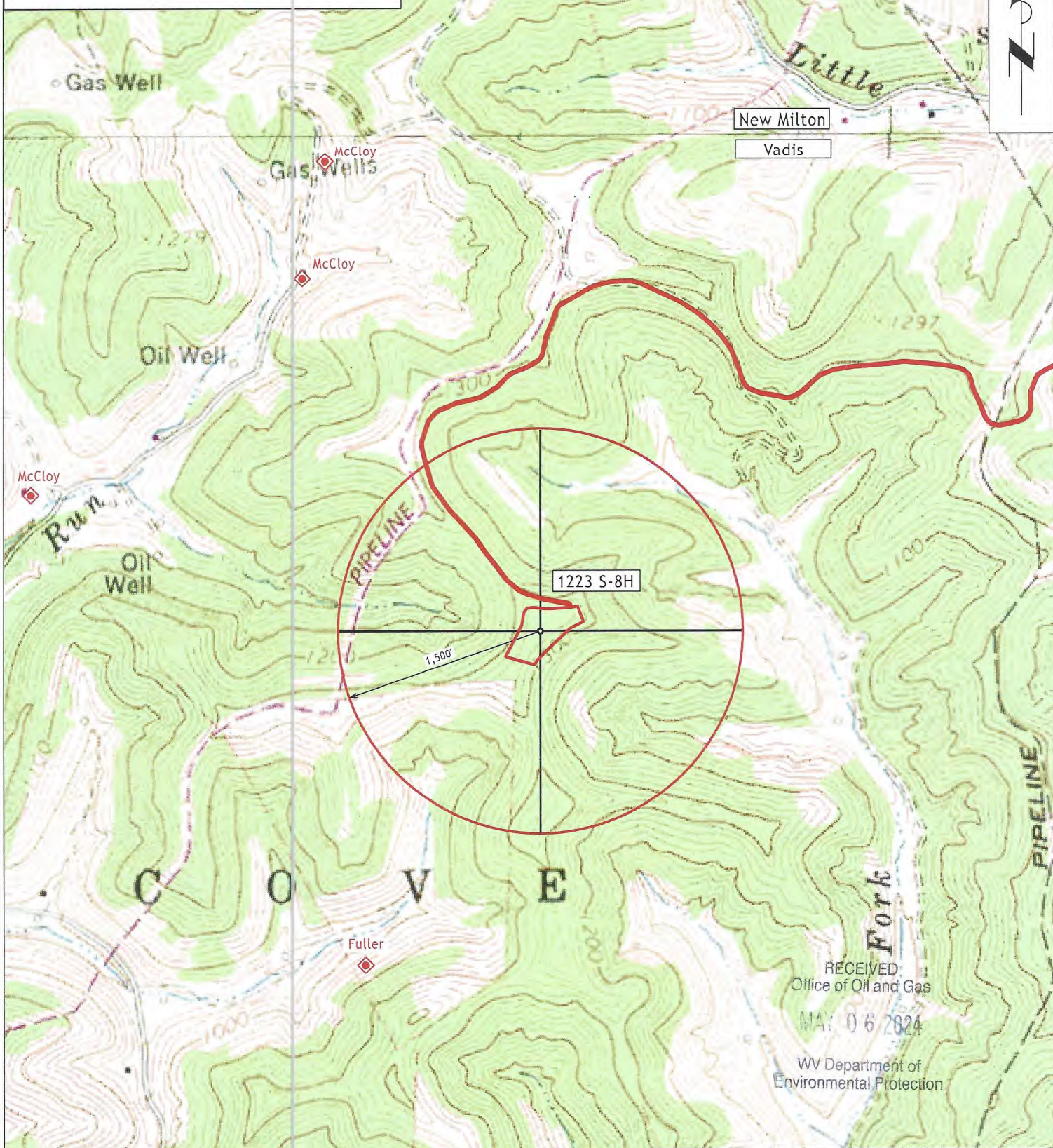
LOCATION: ELEVATION: 1,329' WATERSHED: Fink Creek QUADRANGLE: Vadis
DISTRICT: Cove COUNTY: Doddridge
SURFACE OWNER: Marilyn Barnes, et al ACREAGE: 76.10
ROYALTY OWNER: Carolyn Rastle Bass, et al LEASE NO: ACREAGE: 123
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 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
10,800' 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

06/07/2024

4701706976

SUBJECT WELL
Barnes 1223 S-8H



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

◆ Denotes Possible Water Supply Source to be Tested

Section of
New Milton & Vadis
7.5' Quadrangles
SCALE 1"=1000 06/07/2024

RECEIVED
Office of Oil and Gas
MA: 06/28/24
WV Department of
Environmental Protection