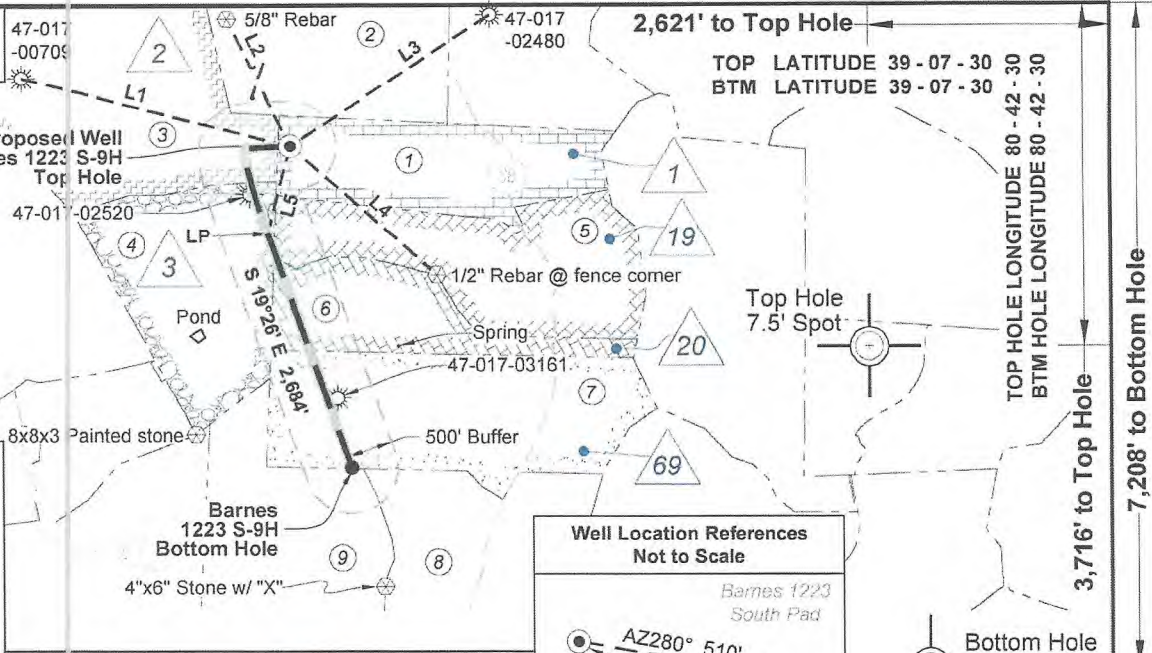


Page 1 of 1

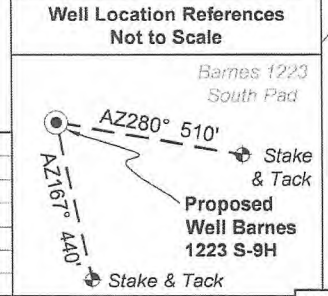


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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

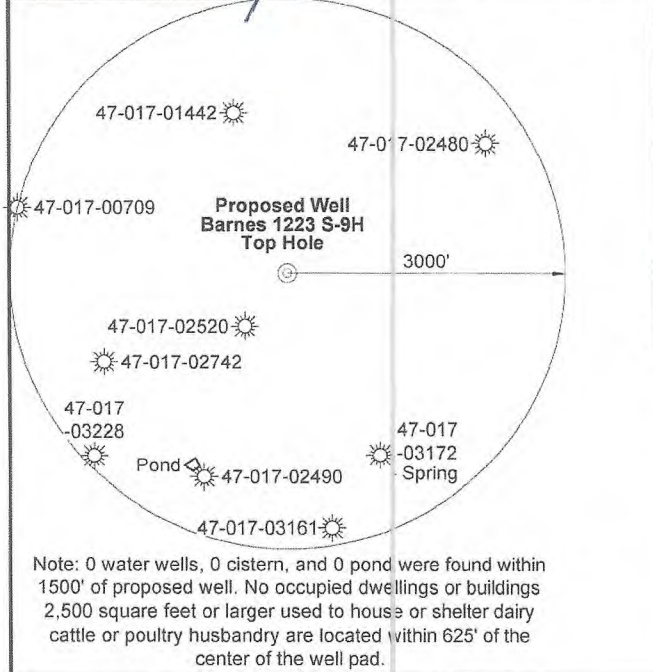


ID	Lease
1	Carolyn Rastle Bass, et al
2	James L. Marsh, et al
3	Asset Management, LLC, et al
19	Carolyn Rastle Bass, et al
20	Maxine Cole Rastle, et al
69	Ivah R. Schmidt, et vir, et al

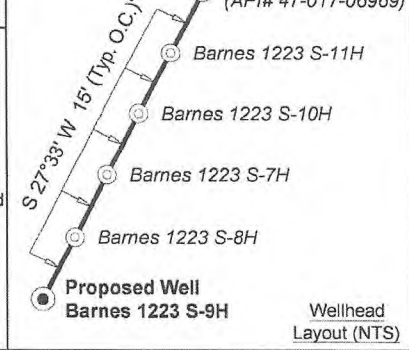


No.	TM / Par	Owner	Bk / Pg	Ac.
1	10 / 16	Marilyn Barnes, et al	W28 / 552	76.10
2	9 / 21	Carolyn R. Bass, et al	239 / 151	120.00
3	9 / 20	Clyde W. Marsh, et al	W36 / 152	149.00
4	9 / 27	Willard L. Fuller, III	215 / 149	89.00
5	10 / 17	Marilyn Barnes, et al	W28 / 552	90.00
6	9 / 28	Maxine S. Rastle	A58 / 287	53.63
7	14 / 1	Maxine S. Rastle	A58 / 287	129.04
8	13 / 17	Maxine S. Rastle	A58 / 287	116.18
9	13 / 16	Ralph T. Bunten, Jr., et al	224 / 79	114.76

Tag	Bearing	Dist.
L1	S 75°26' E	2,991.2'
L2	S 25°54' E	2,336.2'
L3	S 56°17' W	2,595.0'
L4	N 48°11' W	2,109.2'
L5	S 14°36' W	992.7'



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-9H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,204,576.12'
E: 1,720,572.18'
Landing Point Coordinates
N: 14,203,615.49'
E: 1,720,322.07'
Bottom Hole Coordinates
N: 14,201,085.46'
E: 1,721,214.33'

Notes: Well No. Barnes 1223 S-9H
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Latitude: 39°06'53.26" Longitude: 80°43'03.27"
Bottom Hole coordinates Latitude: 39°06'18.73" Longitude: 80°42'55.26"
UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,329,563.461m E: 524,431.449m
Bottom Hole Coordinates N: 4,328,499.505m E: 524,627.177m
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-9H 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-9H
API WELL NO
47 - 017 - 06977 H6A
STATE COUNTY PERMIT

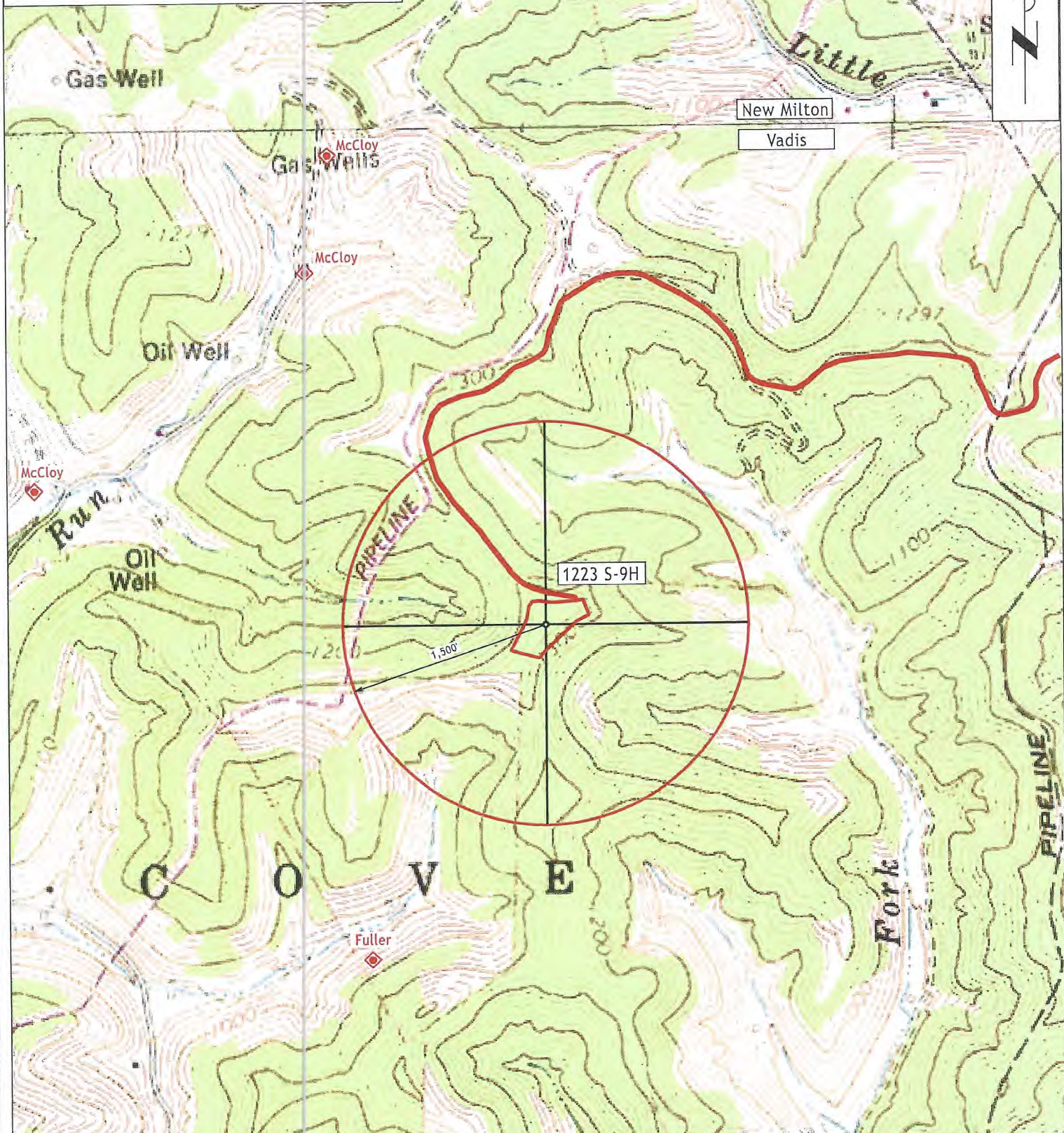
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,329' WATERSHED: Fink Creek QUADRANGLE: Vadis
DISTRICT: Cove COUNTY: Doddridge
SURFACE OWNER: Marilyn Barnes, et al ACREAGE: 76.06/07/2024
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) 7,155' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 10,417' 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

4701706977

SUBJECT WELL
Barnes 1223 S-9H



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

◆ Denotes Possible Water Supply Source to be Tested

RECEIVED
Office of Oil and Gas
New Milton & Vadis
7.5' Quadrangles
Department of
SCALE 1"=1000' 06/07/2024