

1,771' to Top Hole

3,402' to Bottom Hole

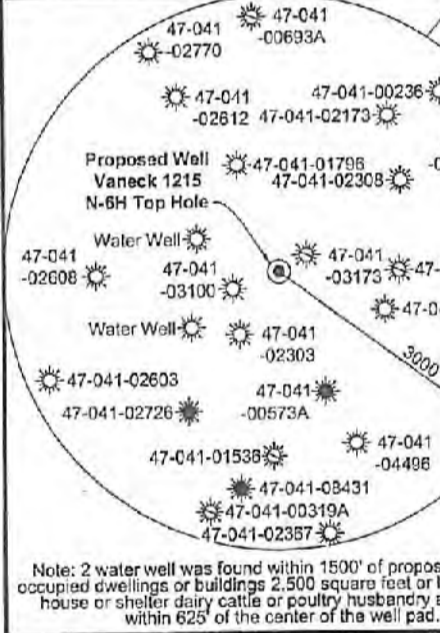
TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00



Notes:
Well No. Vaneck 1215 N-6H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,552.75'
E: 1,768,692.54'
Landing Point Coordinates
N: 14,207,032.73'
E: 1,771,594.03'
Bottom Hole Coordinates
N: 14,220,757.50'
E: 1,766,984.67'

Tag	Bearing	Dist.	Description
L1	N 86°00' W	652.4'	1/2" Rebar
L2	N 19°39' W	605.1'	1/2" Rebar
L3	N 35°46' E	791.7'	#47-041-02303
L4	N 73°18' E	558.9'	#47-041-03100
L5	N 62°59' E	3,257.2'	Landing point

Notes: Well No. Vaneck 1215 N-6H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'00.98" Latitude: 39°09'31.41"
Longitude: 80°32'52.48" Longitude: 80°33'13.20"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,329,861.182m N: 4,334,495.699m
E: 539,093.560m E: 538,578.010m
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: 156-36-UFC-20
DRAWING NO: Vaneck 1215 N-6H 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: January 5 2022
OPERATOR'S WELL NO. Vaneck 1215 N-6H
API WELL NO
47 - 041 - 05730
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1254.8 WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: HG Energy II, Appalachia, LLC, et al
ROYALTY OWNER: George W. Waggoner, et ux, et al LEASE NO: ACREAGE: 56.00
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 6,789' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 23,207' 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



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.
Kevin S. James
Kevin S. James, P.S. 2305

Bottom Hole 7.5' Spot
Top Hole 7.5' Spot
2,935' to Top Hole
2,892' to Bottom Hole

GRID NORTH

SEAL

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Kevin S. James

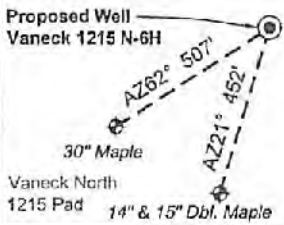
Kevin S. James, P.S. 2305

Note: 2 water well was 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.

03/04/2022



**Well Location References
Not to Scale**

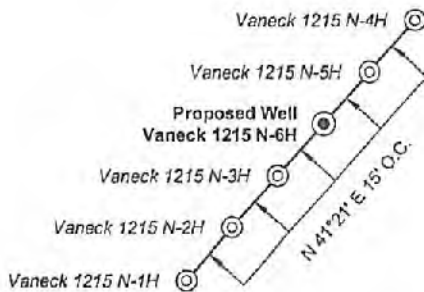


ID	Lease
1	George W. Waggoner, et ux
5	F. White
6	J.A. Burnside, et al
7	Blonda S. Hall, et al
8	Fielding B. Riley, et al
9	Flossie Riley, et al
10	N.A. Lovett, et al
11	Hudson Bailey, et al
12	Hunter M. Bennett, et al
23	George I. Davison, et al
26	Francis M. McKinley, et ux
36	J.A. White, et al
37	Guffey Oil and Gas Royalties, Inc., et al
39	Donaver C. Burnside, et al
50	William A. Booth, et ux

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.)
- Adjoiner surface tracts (approx.)

Wellhead Layout (NTS)



Lewis Co. - Freeman Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	5C / 29	HG Energy II Appalachia, LLC	765 / 894	55.00
2	5C / 25	Raymond C. & Colona J. Waggoner	567 / 416	45.48
3	5C / 27.2	Jack E. & Cerilda M. Waggoner	547 / 691	57.97
4	5C / 22	Linda L. Waggoner	W33 / 157	57.76
5	5C / 37	Phillip E. Burnside	766 / 831	83.75
6	5C / 32	Robert S. Clotfely	399 / 241	94.40
7	5C / 31	Nancy Hayhurst, et al	F30 / 392	13.75
8	5C / 30	Woody Lumber Co., Inc.	590 / 438	140.50
9	5B / 17	Mike Ross, Inc.	659 / 215	3.50
10	5B / 18	Mike Ross Inc.	659 / 215	279.97
11	5B / 19	Theodore J. & Jacqueline Riley	578 / 99	35.00
12	5B / 21	Theodore J. & Jacqueline Riley	467 / 254	140.00
13	5B / 31	Mark D. & Lisa A. Griffith	652 / 69	54.04
14	5B / 25.1	Jeffrey P. & Anessa E. Griffith	745 / 338	118.29
15	5B / 29	Kelly Joanne Bowie	622 / 463	32.00
16	5B / 27	Kelly Joanne Bowie	622 / 463	6.25
17	5B / 43	Brian K. & Debra D. Lough	728 / 285	43.77
18	5B / 26	Dawna Jo Burnside	762 / 219	52.00
19	5A / 13	Dawna Jo Burnside	762 / 219	27.00
20	5A / 12	Jeffrey P. & Anessa E. Griffith	745 / 162	47.84
21	5A / 12.1	Jeffrey P. & Anessa E. Griffith	745 / 162	47.84
22	5A / 8	Robert F. Burnside	710 / 276	32.61
23	5A / 7	Robert F. Burnside	710 / 276	1.50
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28	421 / 36	Sterling & Sheila Smith	1416 / 875	23.00
29	421 / 43.4	John Puddister	1536 / 225	2.39
30	421 / 38	Atlantic Coast Pipeline	1616 / 421	6.00
31	421 / 43.3	Ray M. Moser, Jr.	1281 / 1136	29.11

FILE NO: 156-36-UFC-20
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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: January 5 2022
OPERATOR'S WELL NO. Vaneck 1215 N-6H
API WELL NO
47 - 041 - 05730
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1254.8' WATERSHED: Middle West Fork Creek

QUADRANGLE: Btm: Big Isaac
Top: Camden

DISTRICT: Freemans Creek

COUNTY: Lewis

SURFACE OWNER: HG Energy II, Appalachia, LLC, et al

ACREAGE: 56.00 03/04/2022

ROYALTY OWNER: George W. Waggoner, et ux, et al

LEASE NO: _____ ACREAGE: 56.00

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: 23,207' MD 6,789' TVD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

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Parkersburg, WV 26101

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1,771' to Top Hole

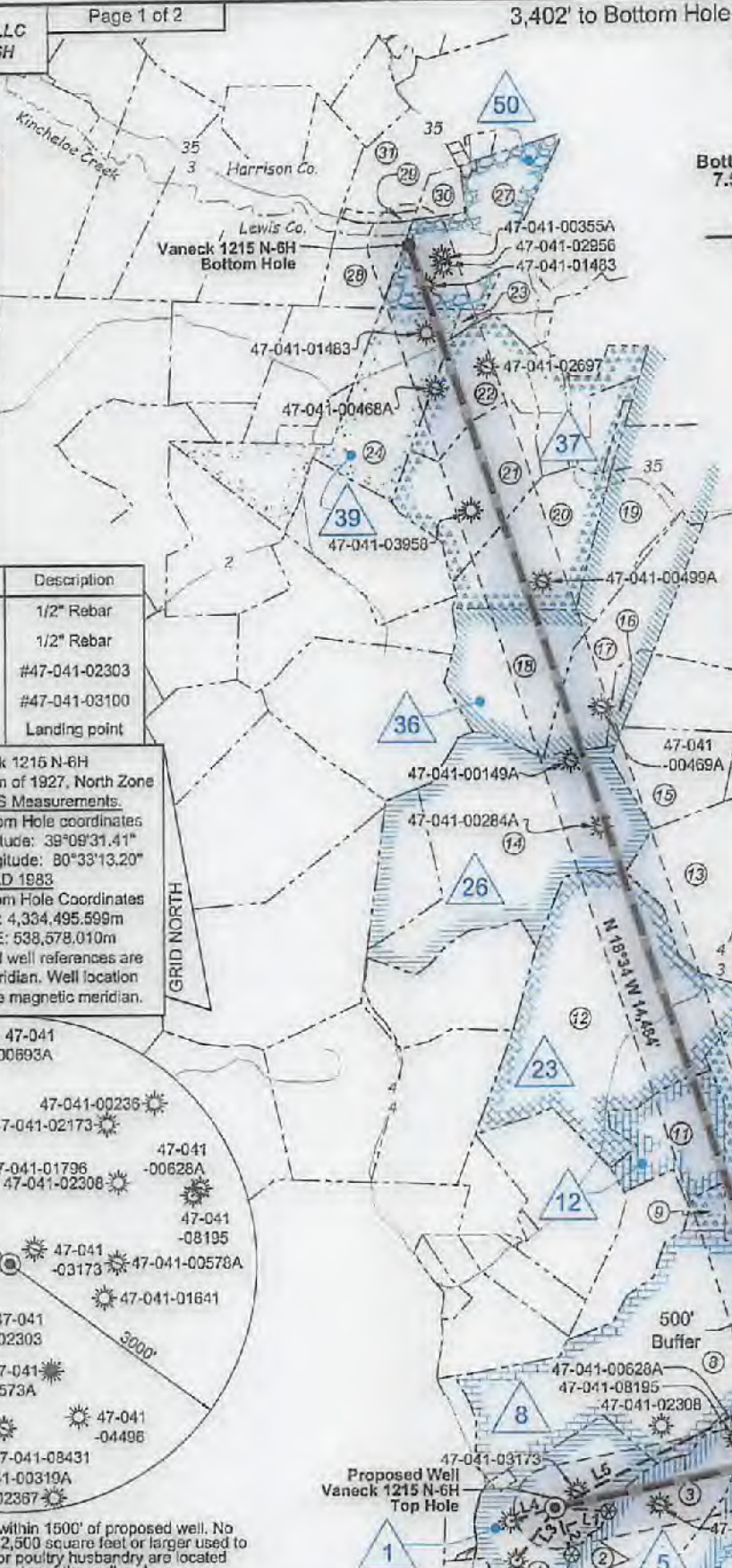
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TOP LATITUDE 39 - 07 - 30
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BTM LONGITUDE 80 - 32 - 30
TOP LONGITUDE 80 - 32 - 30

2,935' to Top Hole
2,892' to Bottom Hole

Page 1 of 2
HG Energy II Appalachia, LLC
Well No. Vaneck 1215 N-6H



Bottom Hole
7.5' Spot

Top Hole
7.5' Spot

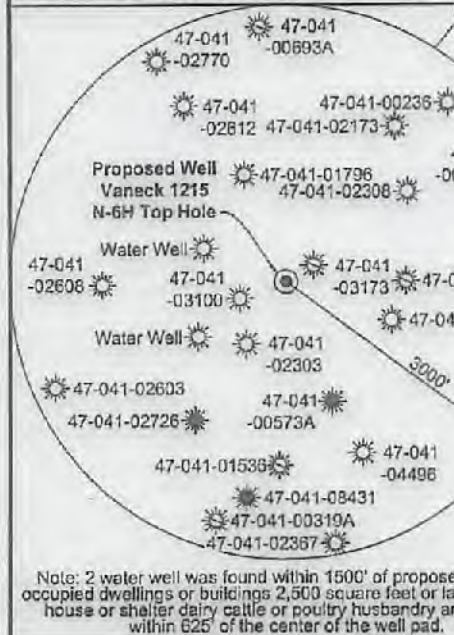
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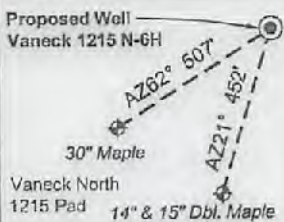
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DISTRICT: Freemans Creek
SURFACE OWNER: HG Energy II, Appalachia, LLC, et al
ROYALTY OWNER: George W. Waggoner, et ux, et al LEASE NO: ACREAGE: 55.00
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
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DESIGNATED AGENT: Diane C. White ADDRESS: 5260 Dupont Road Parkersburg, WV 26101

03/04/2022



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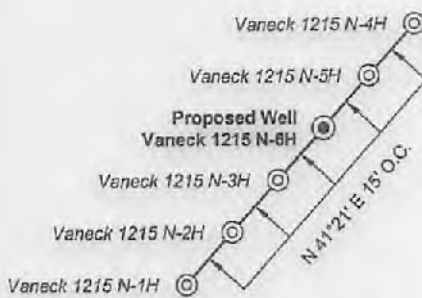


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DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

Btm: Big Isaac

QUADRANGLE: Top: Camden

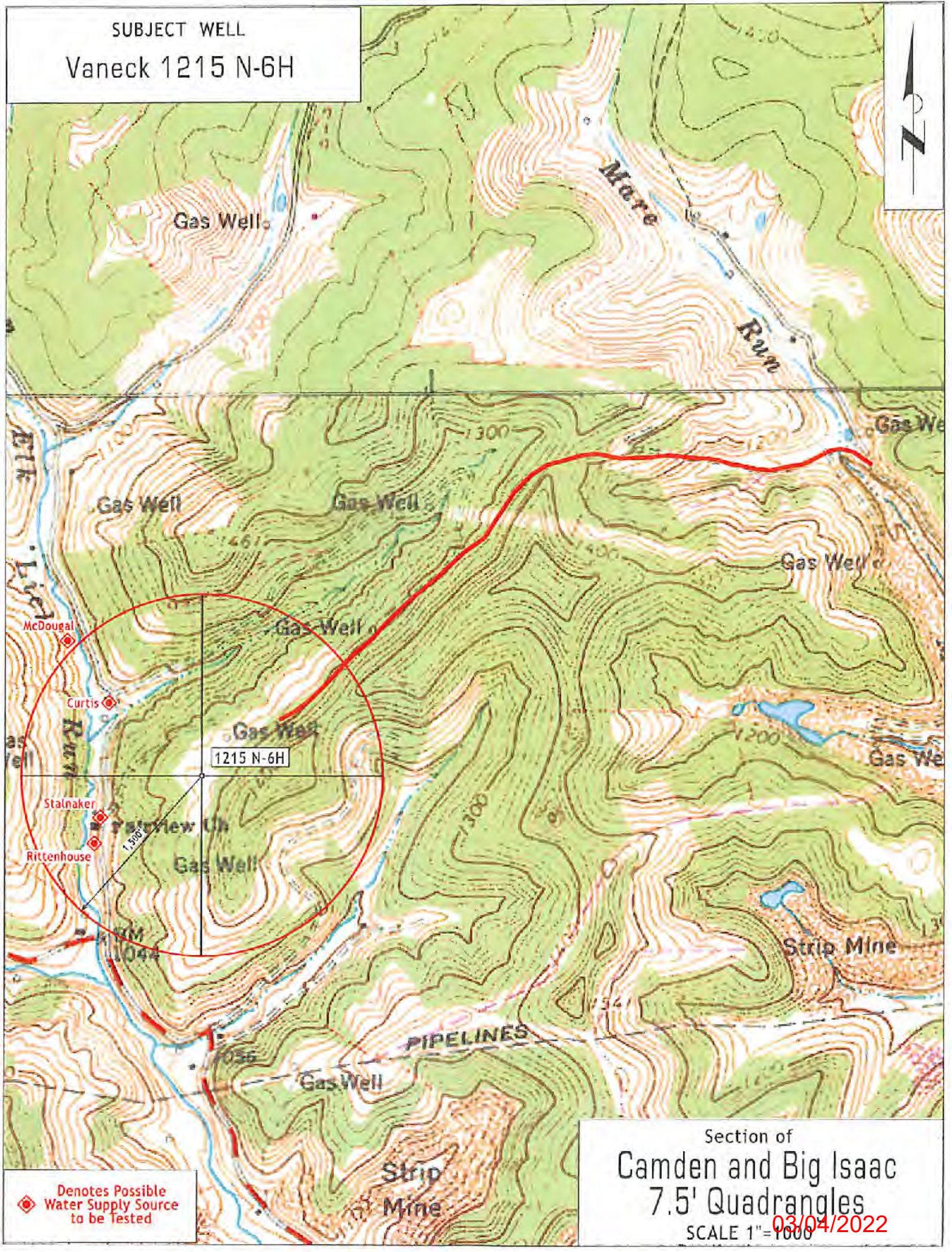
COUNTY: Lewis

ACREAGE: 55.00

ACREAGE: 56.00

03/04/2022

SUBJECT WELL
Vaneck 1215 N-6H



Denotes Possible
Water Supply Source
to be Tested

Section of
Camden and Big Isaac
7.5' Quadrangles
SCALE 1"=1000
03/04/2022