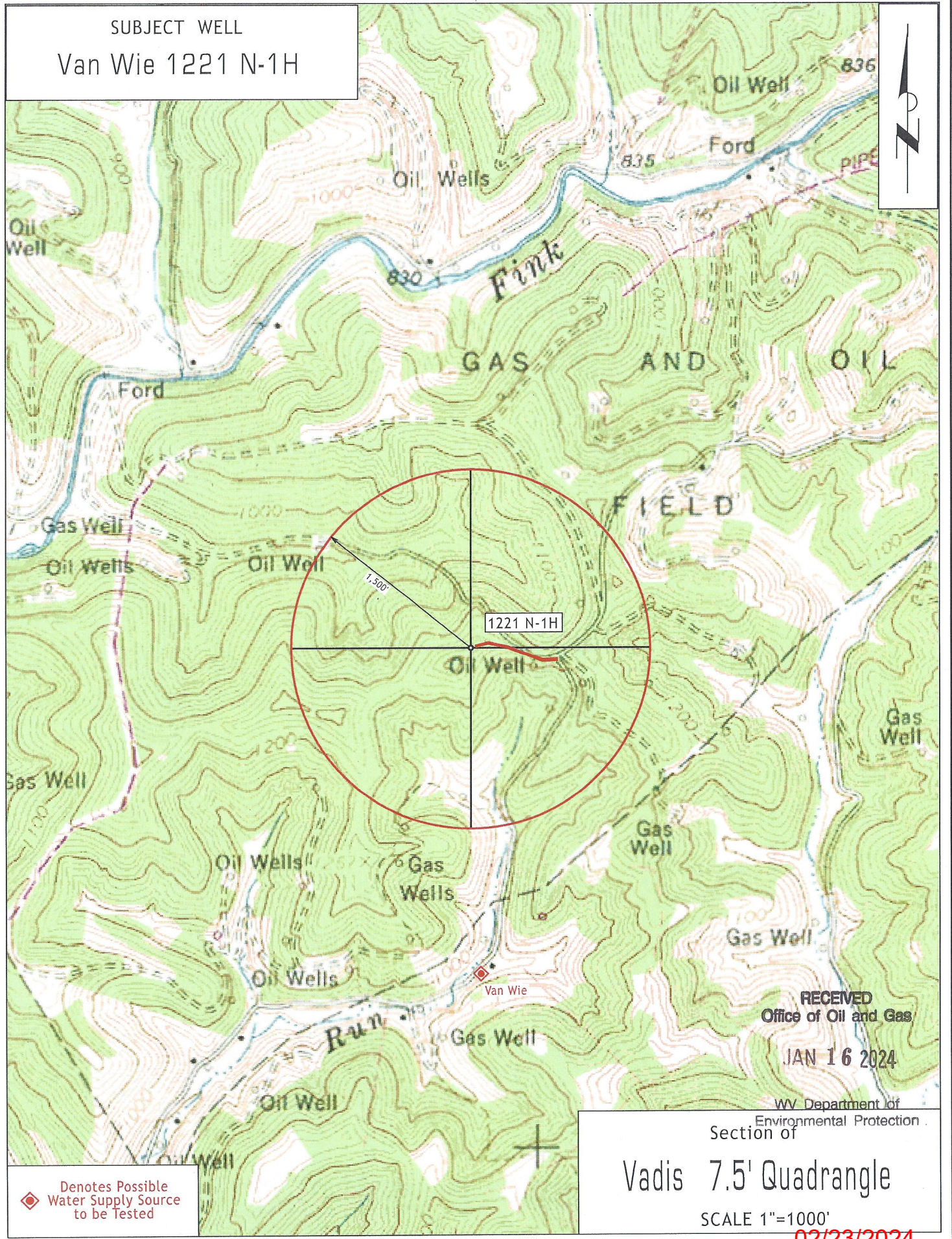


SUBJECT WELL
Van Wie 1221 N-1H



Denotes Possible Water Supply Source to be Tested

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WV Department of
Environmental Protection

Section of

Vadis 7.5' Quadrangle

SCALE 1"=1000'

02/23/2024

HG Energy II Appalachia, LLC
Well No. Van Wie 1221 N-1H

Page 1 of 2

Bottom Hole
7.5' Spot

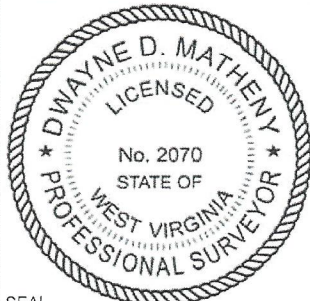
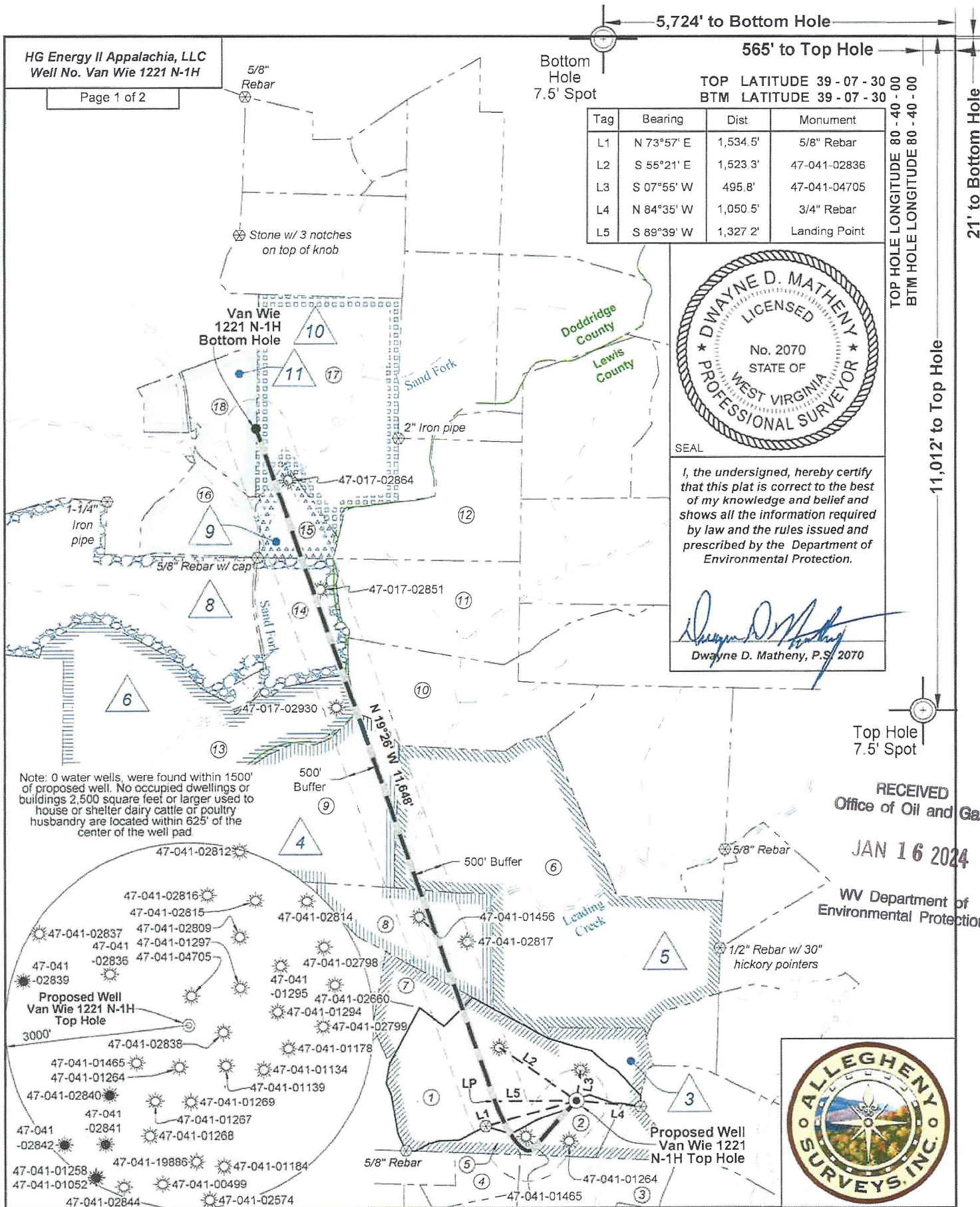
565' to Top Hole

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 07 - 30

Tag	Bearing	Dist	Monument
L1	N 73°57' E	1,534.5'	5/8" Rebar
L2	S 55°21' E	1,523.3'	47-041-02836
L3	S 07°55' W	495.8'	47-041-04705
L4	N 84°35' W	1,050.5'	3/4" Rebar
L5	S 89°39' W	1,327.2'	Landing Point

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

21' to Bottom Hole



SEAL
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

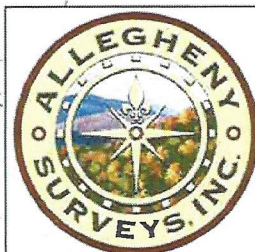
11,012' to Top Hole

Top Hole
7.5' Spot

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Environmental Protection



FILE NO: 170-12-30-FC-22
DRAWING NO: Van Wie 1221 N-1H 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

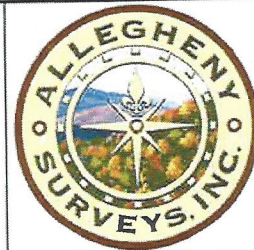
DATE: November 9 20 23
OPERATOR'S WELL NO. Van Wie 1221 N-1H
API WELL NO
47 - 041 - 05760
STATE COUNTY PERMIT

HGA

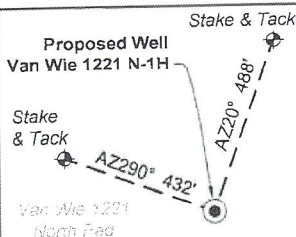
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,251.77' WATERSHED: Fink Creek QUADRANGLE: Vadis
DISTRICT: Freemans Creek COUNTY: Lewis
SURFACE OWNER: HG Energy II Appalachia, LLC ACREAGE: 0.2123/2024
ROYALTY OWNER: HG Energy II Appalachia, LLC LEASE NO: ACREAGE: 245
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7.035' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,445' 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



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
3	HG Energy II Appalachia, LLC
4	HG Energy II Appalachia, LLC
5	John Tierney
6	Glenn G. Rastle, et ux, et al
8	Frona Schmidt, et vir
9	James A. Shaver, et ux
10	Fonce Brown & Rita Brown
11	Glenn G. Schmidt, et ux, et al

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WV Department of
Environmental Protection

Wellhead Layout (NTS)



Lewis Co. (Freemans Creek Dist.)

No.	TM / Par	Owner	Bk / Pg	Ac.
1	2D / 3	HG Energy II Appalachia, LLC	800 / 637	131.85
2	2D / 29	Anthony S. & Dawn H. Van Wie	732 / 622	26.63
3	2D / 31	Anthony S. & Dawn H. Van Wie	732 / 622	73.10
4	2D / 26	M.P. & D.M. Davidovich, et al	539 / 131	22.50
5	2D / 28	M.P. & D.M. Davidovich, et al	539 / 131	9.75
6	2C / 7	Shelia A. & James R. Gum, II	721 / 350	350.78
7	2D / 3.2	HG Energy II Appalachia, LLC	800 / 637	20.00
8	2D / 48	John M. Keely, et al	541 / 127	81.00
9	2C / 5	Martin A. Keely, Jr., et al	509 / 380	135.00
10	2C / 4	Susanne Securro	725 / 199	111.75
11	2C / 3	Stephen Ruppert	666 / 428	102.46
12	2C / 2	Clarence D. Brown	W4 / 572	96.50

No.	TM / Par	Owner	Bk / Pg	Ac.
13	10 / 19	Marilyn Barns, et al	W28 / 552	173.23
14	10 / 18	Thomas E. & Anna S. Doak	281 / 631	64.29
15	10 / 12	John & Barbara Mayer	330 / 248	30.28
16	10 / 10	Donald & Terri Riffiee	294 / 37	48.92
17	10 / 14	Clarence D. Brown	W20 / 306	180.00
18	10 / 6	John A. Schmidt	244 / 190	47.82

Notes: Well No. Van Wie 1221 N-1H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,197,326.83'
E: 1,734,473.60'
Landing Point Coordinates
N: 14,197,318.60'
E: 1,733,146.43'
Bottom Hole Coordinates
N: 14,208,299.50'
E: 1,729,273.80'

Notes: Well No. Van Wie 1221 N-1H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°05'41.11" Latitude: 39°07'29.79"
Longitude: 80°40'07.17" Longitude: 80°41'12.66"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,327,353.872m N: 4,330,698.349m
E: 528,668.611m E: 527,083.708m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.

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QUADRANGLE: Vadis

COUNTY: Lewis

ACREAGE: 213.85
02/23/2024

ACREAGE: 245