

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

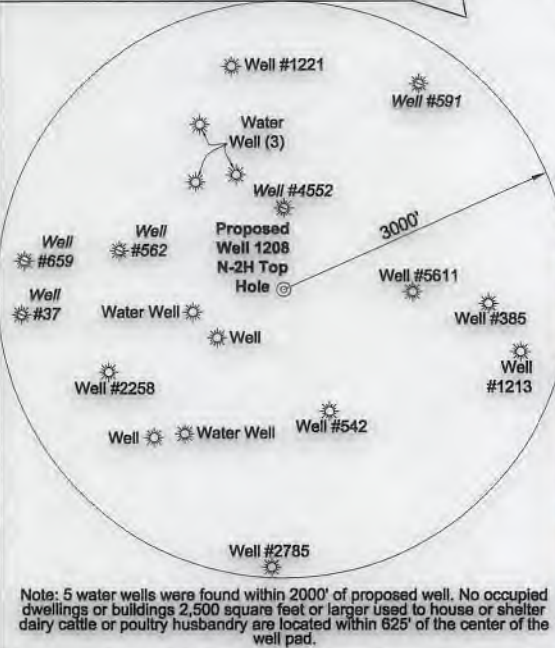
05/10/2019

Tag	Bearing	Dist.
L1	S 37°21' E	1,217.2'
L2	S 21°53' E	1,230.3'
L3	N 89°37' W	1,352.0'
L4	N 67°27' W	1,180.0'
L5	N 87°32' W	1,250.3'



Notes:
Well No. 1208 N-2H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,218,970.45' E: 1,803,605.49'
Landing Point Coordinates
N: 14,219,024.29' E: 1,802,356.35'
Bottom Hole Coordinates
N: 14,230,578.81' E: 1,798,212.32'

Notes: Well No. 1208 N-2H
West Virginia Coordinate System of 1927, South Zone based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°09'11.89" Longitude: 80°25'28.29" Latitude: 39°11'06.80" Longitude: 80°26'35.86"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,333,950.861m E: 549,740.052m N: 4,337,489.096m E: 548,096.211m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.



Note: 5 water wells were found within 2000' 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.

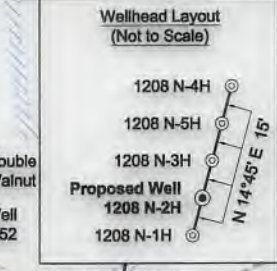
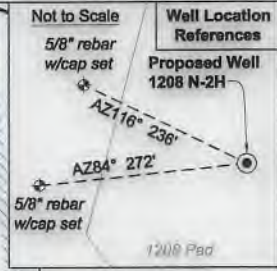
ID	Lease
1	Jerome B. Gusman
2	Leeman B. Maxwell Heirs
3	William Burnside, et al
4	Oria Myers, et al
5	Claudia Hacker, et al
6	Leeman B. Maxwell Heirs
10	Rebecca D. Reed, et al
11	David Scott, et al
12	Nathan Post, et al
13	William Burnside, et al
14	Joseph Chevront, et al
16	Howard W. Vanscoy, et al
18	George W. Washburn, et al
19	Lloyd Washburn, et al
21	Olga E. Washburn, et ux
21.2	HG Energy II 108
21.3	HG Energy II 109
21.4	HG Energy II 110
22	J.P. Post & C.F. Post
23	Fee



SEAL

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.)
- Interior surface tracts (approx.)



FILE NO: 195-36-G-18
DRAWING NO: 1208 N-2H Well Plat
SCALE: 1" = 1500'
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 24 20 19
OPERATOR'S WELL NO. 1208 N-2H
API WELL NO
47 - 033 - 05953
STATE COUNTY PERMIT

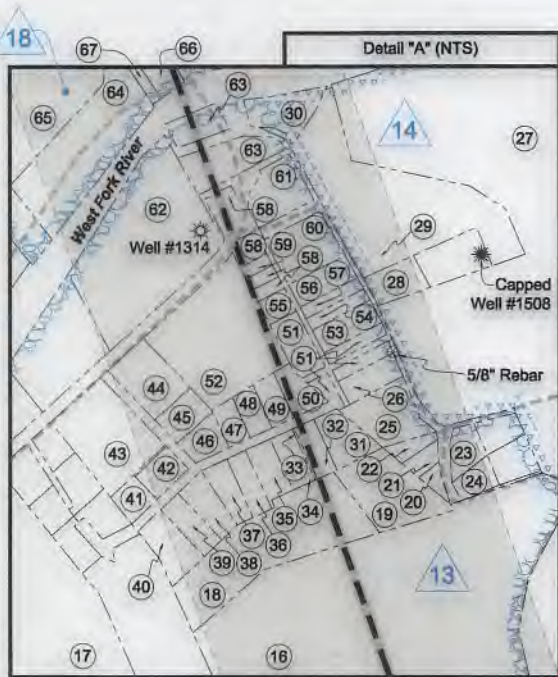
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,149' WATERSHED: Middle West Fork Creek
DISTRICT: Grant / Union
SURFACE OWNER: Linda & William W. Brodwater III
ROYALTY OWNER: Leeman B. Maxwell Heirs, et al LEASE NO: ACREAGE: 247.84
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 7,050' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,910' 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

No.	TM / Par	Owner	Bk / Pg	Ac.
93	2901 / 115	John & Dreama Horner	1267 / 953	0.172
	2901 / 114			0.102
92	2901 / 84	Mary E. James	1223 / 1017	0.22
91	404 / 45	Melvin & Mary E. James	1064 / 131	0.13
90	2901 / 160	Adam Lee Carder	WB171 / 954	0.172
	2901 / 159			0.172
	2901 / 137			0.406
89	2901 / 136	Chun H. Underwood	1299 / 1190	0.17
88	404 / 37	Larry & Rebecca Myers	WB148/1089	18.10
87	2901 / 135	Jon S. & Wendy J. Skinner	1354 / 531	0.17
	2901 / 134			0.16
86	2901 / 133	Charles E. Steffich	1523 / 872	0.16
85	2901 / 140	Elma Toothman & Cynthia Marsh, et al	F094 / 606	0.344
84	2901 / 113	Gary Michael Ward & Eugene B. Ward Jr.	WB139 / 736	0.22
	2901 / 112			0.17
	2901 / 111			0.10
	2901 / 158			0.172
83	2901 / 157	James E. & Karen Weekley	1252 / 881	0.172
	2901 / 156			0.172
82	2901 / 155	Rebecca A. Bennett	1463 / 987	0.172
	2901 / 154		1495 / 528	Lot 72
81	2901 / 153	Kimberly A. Taylor	1283 / 383	0.23
	2901 / 83			-
80	2901 / 82	Ronzel C. Sandra K. Richards	1077 / 1129	0.165
	2901 / 81			0.191
	2901 / 80			0.172
79	2901 / 79	Robert D. Wilt	1114 / 601	0.172
	2901 / 78			0.172
	2901 / 110			0.241
78	2901 / 109	Jason & Rebecca Riggleman	1242 / 968	0.172
	2901 / 77			0.172
	2901 / 76			0.172
77	404 / 55.14	Jason & Rebecca Riggleman	1391 / 860	0.78
76	404 / 46	Annette C. Nichols	1370 / 901	1.68
75	404 / 55.5	Brian W. Myers	1439 / 1139	0.75
	404 / 55.10			0.22
74	404 / 55.9	Larry & Rebecca Myers	1165 / 749	0.07
	404 / 55.4			0.43
73	404 / 55.6	Brian W. Myers	1439 / 1139	0.63
	404 / 55.3			0.42
72	404 / 54	Jackson Lodge 35 A.F. & A.M.	798 / 235	1.35
	404 / 53			0.35
	404 / 52			2.90
71	404 / 55	Larry & Rebecca Myers	WB148/1089	54.74

No.	TM / Par	Owner	Bk / Pg	Ac.
70	404 / 55.2	Michael J. & Sandra R. Bode	1022 / 193	0.51
69	404 / 47	Bethel ME Church	828 / 539	0.31
68	404 / 55.8	Grant Union PSD	1164 / 449	0.02
67	404 / 55.7	Bethel ME Church	1191 / 266	0.21
66	404 / 48	Trustees of Bethel Methodist Church	649 / 350	0.46
65	404 / 55.1	Terence L. Washburn	1332 / 1140	42.37
64	404 / 55.12	Bethel ME Church	1191 / 266	2.47
63	2003 / 1	Donovan F. Randolph Estates, et al	W183 / 397	0.06
	2003 / 2			0.84
62	404 / 50	Billy L. & Barbara E. Nutter	953 / 526	3.77
61	2003 / 10	L&F Gervelia LLC	1444 / 1080	0.624
60	2003 / 13	Gordon Somerville	1584 / 483	0.72
59	2003 / 15	UNKNOWN	- / -	Lot 20
	2003 / 5			0.19
58	2003 / 12	Valma Steif, et al	F095 / 796	0.15
	2003 / 17			Lot 22
	2003 / 19			Lot 24
57	2003 / 26	Robert Langford, et al	F116 / 280	0.19
56	2003 / 24	Edra B. Cox	WB117 / 12	0.18
	2003 / 22			0.18
	2003 / 23			Lot 28
55	2003 / 21			Lot 26
54	2003 / 28	Daniel C. Cox	1246 / 1144	0.19
53	2003 / 32	Mary & Ronnie Garrett	1317 / 285	0.19
	2003 / 29			0.19
52	2003 / 66	William & Grace Preece	1061 / 1168	3.11
	2003 / 35			0.53
	2003 / 34			0.19
51	2003 / 33	Brian & Kelli Rhoades	1522 / 736	0.19
	2003 / 31			Lot 35
	2003 / 30			Lot 34
	2003 / 27			Lot 32
	2003 / 25			Lot 30
50	2003 / 63	Brian & Kelli Rhoades	1311 / 352	0.31
49	2003 / 62			0.25
48	2003 / 61	Nora Perrine	1165 / 171	0.24
47	2003 / 60		1165 / 165	0.23
46	2003 / 59	Roger & Diana Hurst	1004 / 948	0.30
45	2003 / 58	Donna Randolph	1473 / 409	0.34
44	2003 / 56	Melinda Bibbee	1498 / 951	0.71
43	2003 / 55	James S. Murphy	1563 / 672	2.06
42	2003 / 54	Glenn Kirkpatrick	1454 / 295	0.32
41	2003 / 54.1	Carl & Carolyn James	999 / 805	0.23
40	2003 / 53	Jason & Teresa Allen	1345 / 808	0.56
39	2003 / 52		995 / 738	0.34
38	2003 / 51	George & Madge Hennen	986 / 728	0.38
37	2003 / 50	Heather J. & David L. Smallwood II	1408 / 638	0.33
36	2003 / 49	Albert Buzzelli	1295 / 507	0.30
35	2003 / 48	Kevin P. Barker	1336 / 633	0.346
34	2003 / 47		1015 / 986	0.27
33	2003 / 46	Howard D. & Judith J. Swick	1167 / 874	p/o Lot L
32	2003 / 46.1	Vivetta Carter	1340 / 747	0.27
31	2003 / 45	Jonathan E. Bailey	1553 / 197	0.484
30	2003 / 14.3	State of West Virginia	1356 / 817	0.559
29	2003 / 14	Ernest D. Burton	1558 / 413	3.81
28	2003 / 14.1	Dortha L. Hamrick	896 / 41	0.38
27	405 / 75	William Michael McDonald	1377 / 99	202.18
26	2003 / 38		1529 / 428	0.36
25	2003 / 38	Deborah R. Fowler	1384 / 438	0.77
24	2003 / 45			0.29
23	2003 / 41	Jack Ewart, et ux Living Trust	1557 / 1005	0.29
22	2003 / 39			0.19
21	2003 / 40			0.17
20	2003 / 40.1	Christan & Katherine Meeker	1537 / 523	0.119
19	2003 / 64			1.25
18	2003 / 65			2.96
17	424 / 5	Joseph H. Mason	WB87 / 514	51.33
16	424 / 10	Joseph H. Mason & Dedire Mason Brown	WB119/1137	22.25
15	424 / 11.1	Eric A. & Alana N. Burnside	1365 / 1089	13.92
14	425 / 1	Joel B. Shuman, et al	WB 166 / 472	89.00
13	424 / 30.1	John & Paula Zirkle	1323 / 665	45.62
12	424 / 31	Chris & Misty Montgomery	1449 / 358	15.30
11	424 / 52.3	Robert J. Brightbill	1560 / 293	4.54
10	425 / 31.3	Gary S. & Melinda M. Brodwater	1354 / 175	2.00
9	424 / 52.1	Robert J. Brightbill	1560 / 293	139.98
8	424 / 52.2	David Keesucker	1533 / 1283	2.38
7	424 / 52	Bernice A. Keesucker	1186 / 552	2.17
6	425 / 31.1	Dona R. & David R. Scarff	1360 / 652	1.00
5	425 / 31.2	Linda & William W. Brodwater III	1343 / 1279	1.16
4	445 / 1		- / -	87.78
3	445 / 10	Lisa M. Nutter	WB 687 / 445	66.87
2	445 / 2			84.57
1	425 / 31	Linda & William W. Brodwater III	1410 / 1045	247.84



FILE NO: 195-36-G-18
DRAWING NO: 1208 N-2H Well Plat
SCALE: 1" = 1500'
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 24 20 19
OPERATOR'S WELL NO. 1208 N-2H
API WELL NO
47 - 033 - 05953 H6A
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,149' WATERSHED: Middle West Fork Creek

QUADRANGLE: West Milford

DISTRICT: Grant / Union

COUNTY: Harrison

SURFACE OWNER: Linda & William W. Brodwater III

ACREAGE: 200

ROYALTY OWNER: Leeman B. Maxwell Heirs, et al

LEASE NO: _____ ACREAGE: 247.84

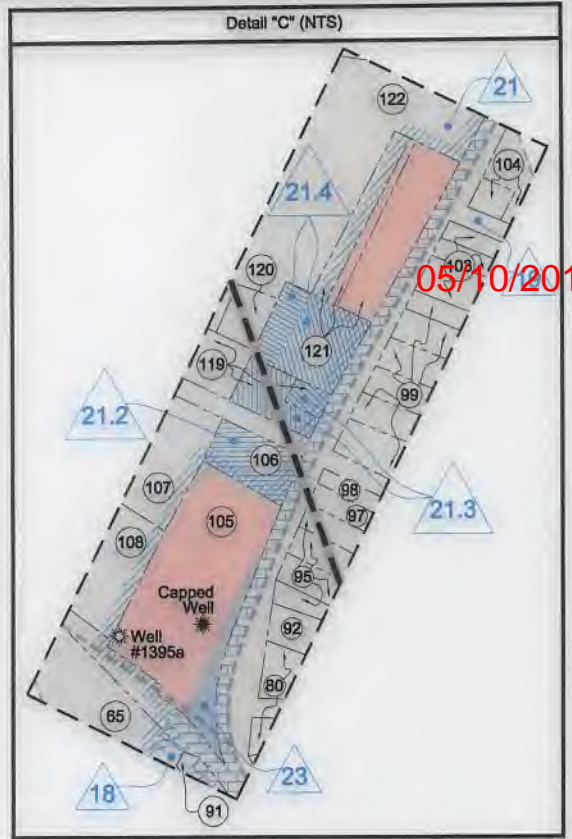
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 7,050' TVD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,910' MD

WELL OPERATOR: HG Energy II Appalachia, LLC
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

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

No.	TM / Par	Owner	Bk / Pg	Ac.
149	425 / 33.5	Shawn & Ashley B. SanJulian	1512 / 978	5.90
148	425 / 32	Terri L. Winters	1448 / 74	2.00
147	404 / 32.5	Richard P. & Carol L. Rapping	1399 / 71	12.70
146	2901 / 33	Rebecca L. & Robert C. Morris	1330 / 450	0.16
	2901 / 32			0.15
	2901 / 34			0.13
	2901 / 23			0.15
	2901 / 22			0.16
145	2901 / 21	Mary Ann Tiano	932 / 456	0.15
	2901 / 20			0.15
	2901 / 19			0.12
	404 / 8			14.86
144	2901 / 190	Trudy L. & Paul F. Noechel Jr.	1384 / 1264	0.535
143	2901 / 185	Brian Allen Barker	1331 / 499	0.50
142	2901 / 182	Serenity Hope LLC	1458 / 762	0.50
141	2901 / 195.1	Ronzel C. & Sandra K. Richards	1282 / 548	0.55
	2901 / 201.1			0.35
140	2901 / 17.6	Richard D. & Melissa S. Grimm	1426 / 49	0.55
139	2901 / 17	Doris & Charles Freeman Sr.	1495 / 989	0.41
138	2901 / 17.4	Aaron Sharps & Jessica Wolfe	1540 / 1289	0.52
137	2901 / 17.1	Dominion Transmission Inc.	A1 / 362	0.66
	2901 / 17.2			0.208
136	2901 / 205	Thomas & Kristie Wardelle	1542 / 351	0.544
	2901 / 206			0.48
135	2901 / 207	Sandra K. & Ersel E. Mogan Jr.	1332 / 1114	0.49
134	2901 / 208	James & Megan Williams	1512 / 262	0.50
133	2901 / 217	Edward & Loretta McElwee	1217 / 292	0.50
132	2901 / 219.2	Ryan & Sara Amstone	1402 / 603	1.19
131	2901 / 219.1	Warren E. Davis	1594 / 739	0.40
130	2901 / 212	Andrew & Denise Bellerose	1558 / 989	0.41
129	2901 / 211	Christopher & Rachel Hurst	1329 / 972	0.43
128	2901 / 210	Zachary W. & Karl A. Henry	1557 / 1216	0.47
127	2901 / 209	Earl R. & Kathy L. Langley	1209 / 612	0.47
126	2901 / 221	Gene Edward & Linda Carole Cox	1087 / 950	1.25
	2901 / 220			0.82
125	2901 / 216	Christopher & Rachel Hurst	1329 / 972	0.43
124	2901 / 213	Bernice S. Shook	1435 / 886	0.540
123	2901 / 215	Michael Price	1398 / 915	0.40
122	2901 / 219	Sharon M. Johnson, Trustee of Oleta M. Post Irrev. Trust	1576 / 818	19.00
	2901 / 16			0.33
121	2901 / 14	June D. Courtney	181 / 958	0.10
	2901 / 10			0.57
120	2901 / 200.1	William & June Courtney	1274 / 979	0.13
	2901 / 9		360 / 11	0.07
119	2901 / 8	Trustees of Jackson Lodge 35	809 / 27	0.16
	2901 / 199			0.172
118	2901 / 200	Beverly K. Rinehart	1274 / 1176	0.45
117	2901 / 204	Joyce A. Pristavec	1123 / 626	0.430
116	2901 / 203	Randall R. & Debra L. Stover	1132 / 76	0.387
115	2901 / 197	Brian & Karrell A. Vernon	1226 / 350	0.53
114	404 / 32.9	Patricia R. & William T. Douglass	1389 / 93	11.90
113	404 / 33.2	Richard E. Lawrence	1016 / 123	1.68
112	2901 / 202	Kenneth R. & Helen M. Queen	1486 / 488	0.56
111	2901 / 194	Frank R. & Shelby J. Costello	1374 / 207	1.75
110	2901 / 196	Eugene R. & Lisa D. Messer	1246 / 593	0.51
109	2901 / 201	Judith Ann Carlin	1314 / 338	0.51
108	2901 / 195	Jennifer L. & David K. Downward	1410 / 140	0.56
107	2901 / 198	Doyle L. & Rebecca J. Puckett	1461 / 916	0.50
106	2901 / 7	Robert J. Hitt & Amanda Jo Hitt	1594 / 742	0.26
105	2901 / 3	Wilann Ariene Bise 99% Int. & Rebecca Jane Puckett 1% Int.	1437 / 432	1.50
104	2901 / 100	Kathryn Burnside	1577 / 314	0.64
	2901 / 99			0.120
	2901 / 98			0.120
103	2901 / 97	Walter & Rebecca Mick	1326 / 653	0.128
	2901 / 96			0.248
102	2901 / 127	Rhonda & Roy Martin	1580 / 233	0.344
	2901 / 125			0.172
101	2901 / 124	Donald & Karen Sinclair	1389 / 578	0.172
	2901 / 123			0.172
	2901 / 122			0.172
100	2901 / 121	Pamela J. Everitt	1231 / 724	0.172
	2901 / 120			0.231
	2901 / 95			0.132
	2901 / 94		1149 / 860	0.207
	2901 / 93	Trustees of Good Hope Prayer Chapel	954 / 204	0.206
	2901 / 92			0.188
	2901 / 91			0.187
	2901 / 90			0.249
98	2901 / 89.1	Oscar Lee Rhodes	1231 / 1177	0.07
97	2901 / 89	Robert & Martha Allaman	1208 / 964	0.17
96	2901 / 119	Ronzel C. & Sandra K. Richards	1205 / 467	0.172
	2901 / 118			0.172
	2901 / 88			0.15
	2901 / 87	Sherron K. McKinney & Frankie Snyder	1297 / 539	0.18
	2901 / 86			0.18
	2901 / 85			0.12
94	2901 / 117	Jon S. Skinner, et al	WB185/401	0.344



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PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: January 24 20 19
OPERATOR'S WELL NO. 1208 N-2H
API WELL NO
47 - 033 - 05153
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,149' WATERSHED: Middle West Fork Creek
DISTRICT: Grant / Union
SURFACE OWNER: Linda & William W. Brodwater III
ROYALTY OWNER: Leeman B. Maxwell Heirs, et al LEASE NO: ACREAGE: 247.84
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