

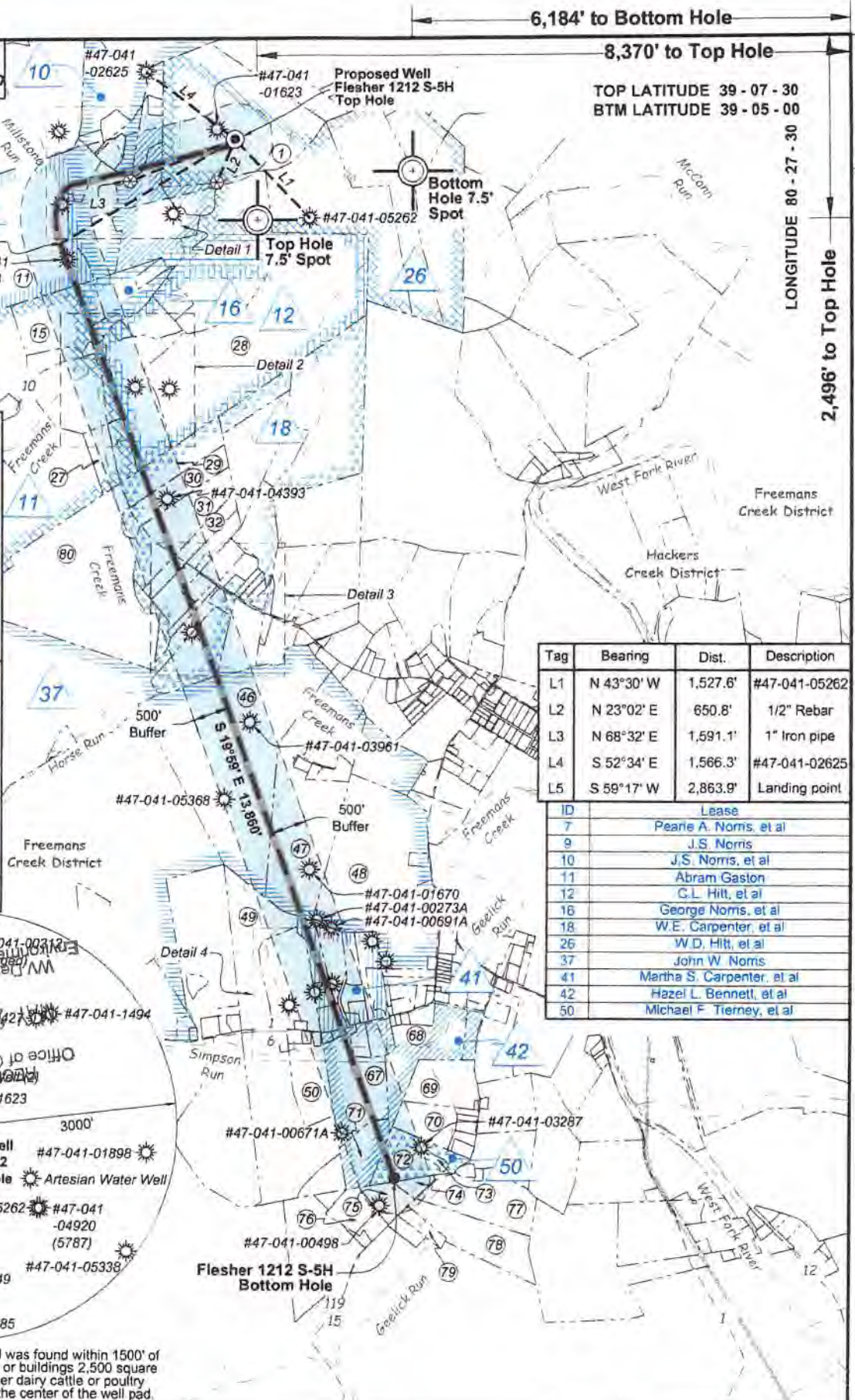


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



Note: 2 water wells and 1 artesian 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.



Tag	Bearing	Dist.	Description
L1	N 43°30' W	1,527.6'	#47-041-05262
L2	N 23°02' E	650.8'	1/2" Rebar
L3	N 68°32' E	1,591.1'	1" Iron pipe
L4	S 52°34' E	1,566.3'	#47-041-02625
L5	S 59°17' W	2,863.9'	Landing point

ID	Lease
7	Pearie A. Norris, et al
9	J.S. Norris
10	J.S. Norris, et al
11	Abram Gaston
12	C.L. Hitt, et al
16	George Norris, et al
18	W.E. Carpenter, et al
26	W.D. Hitt, et al
37	John W. Norris
41	Mertha S. Carpenter, et al
42	Hazel L. Bennett, et al
50	Michael F. Tierney, et al

FILE NO: 156-36-12-U-F-19
DRAWING NO: Flesher 1212 S-5H 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: May 21 2021
OPERATOR'S WELL NO. Flesher 1212 S-5H
API WELL NO MOD
47 - 041 - 05715
STATE COUNTY PERMIT

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

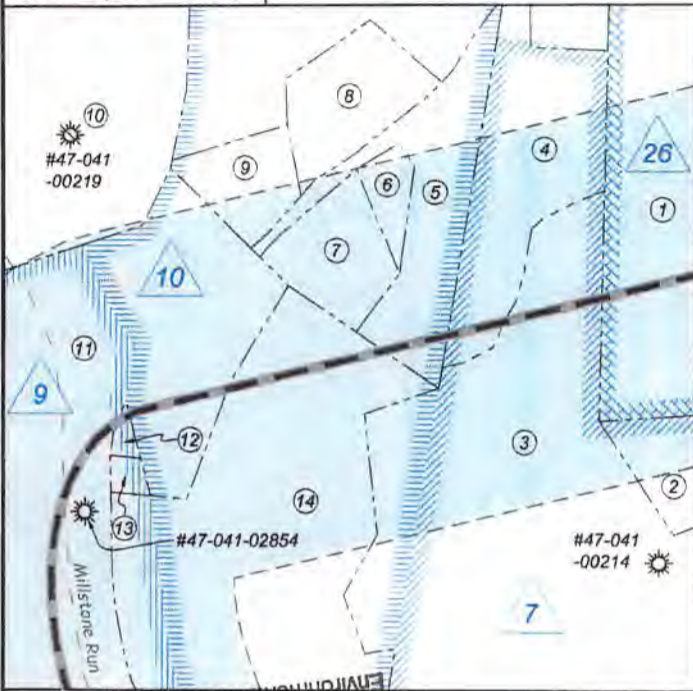
LOCATION: ELEVATION: 1,332.2' WATERSHED: Middle West Fork Creek
DISTRICT: Freeman's Creek QUADRANGLE: Weston
SURFACE OWNER: H.G. Energy II Appalachia, LLC COUNTY: Lewis
ROYALTY OWNER: W.D. Hitt, et al, et al LEASE NO: ACREAGE: 70.00
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) LP & BH MOD ACREAGE: 210.00
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,103' MD 6,913' TVD

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

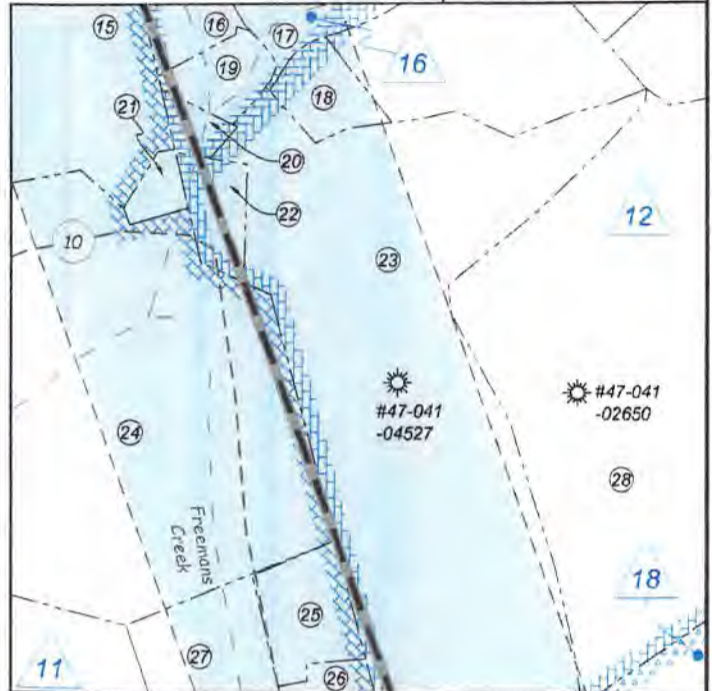
06/11/2021



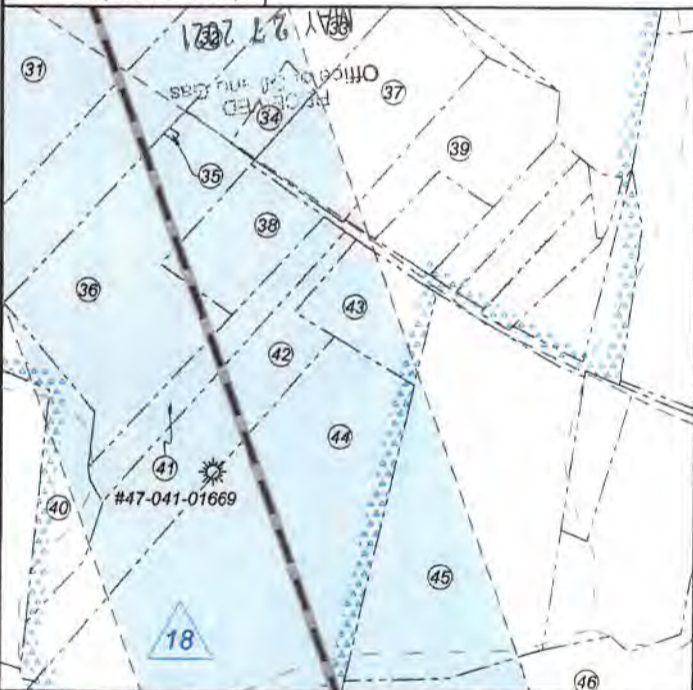
Detail 1 (Scale 1"=500')



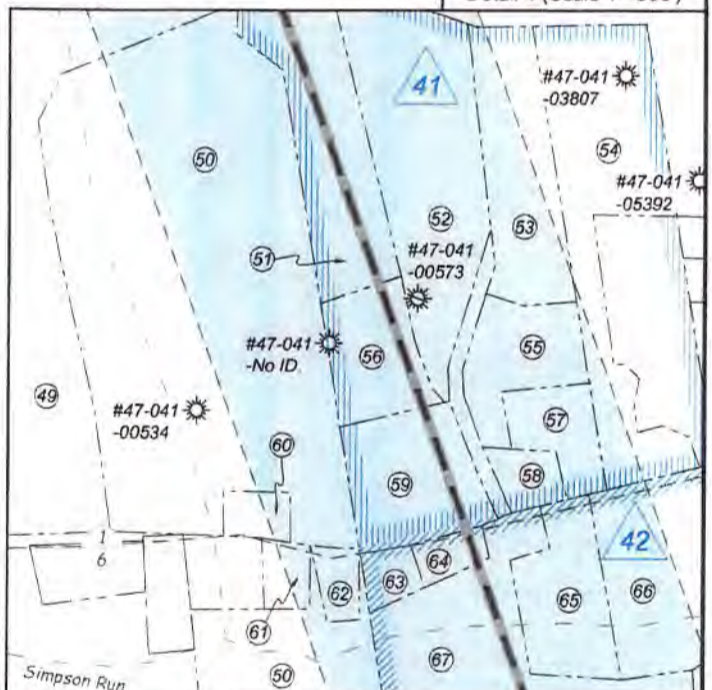
Detail 2 (Scale 1"=500')



Detail 3 (Scale 1"=500')



Detail 4 (Scale 1"=500')



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OIL AND GAS DIVISION

DATE: May 21 2021
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API WELL NO MOD
47 - 041 - 05715
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,332.2' WATERSHED: Middle West Fork Creek

DISTRICT: Freemans Creek

SURFACE OWNER: H.G. Energy II Appalachia, LLC

ROYALTY OWNER: W.D. Hitt, et al, et al

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) LP & BH MOD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,103' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

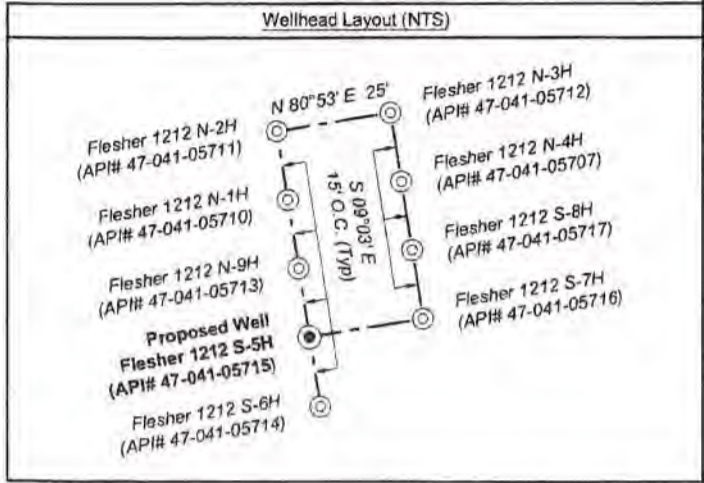
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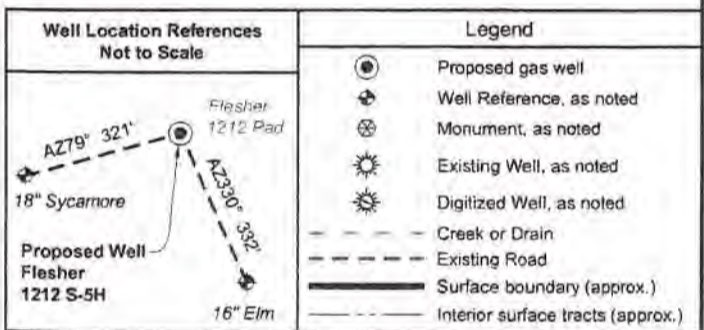


No.	TM / Par	Owner	Bk / Pg	Ac.
1	6C / 47	HG Energy II Appalachia, LLC	753 / 453	70.00
2	6C / 25.1	William Radtka & Helen Burton	655 / 681	5.85
3	6C / 25	Robert M. Painter	629 / 411	23.13
4	6C / 23	Richard G. & Loretta E. Hayhurst	566 / 355	34.80
5	6C / 23.4	Richard G. Hayhurst, et ux	565 / 326	4.13
6	6C / 23.10	Gary Farris	700 / 769	0.65
7	6C / 23.6	Gary Farris	700 / 769	2.02
8	6C / 23.7	Gary C. & Brenda J. Maki	671 / 327	2.40
9	6C / 23.5	Larry Jarrett & Michelle Casey	661 / 455	1.53
10	6C / 22	Mann Family Trust	617 / 608	265.19
11	6C / 21	Thomas R. Zinn, et al	445 / 493	166.25
12	6C / 23.1	Michael & Laura Phillips	661 / 298	0.16
13	6C / 23.9	Michael & Laura Phillips	661 / 298	0.25
14	6C / 23.2	Michael & Laura Phillips	661 / 298	21.32
15	6C / 17	Eastern Gas Transmission & Storage, Inc.	427 / 545	17.49
16	6C / 27.2	Kenneth Roth	575 / 152	3.10
17	6C / 27.3	George & Lisa Cogar	594 / 16	10.20
18	6C / 29	Carolyn M. Sias, et al	718 / 171	1.25
19	6C / 27.1	Allen E. Daugherty	502 / 435	1.06
20	6C / 30	Richard W. Dunham	586 / 149	0.50
21	6C / 16	Valley Chapel U.M. Church	7 / 285	0.33
22	6C / 31	Chad E. Dunham	662 / 681	0.81
23	6C / 32	Richard W. Dunham	W11 / 100	28.52
24	6C / 14	Eastern Gas Transmission & Storage, Inc.	427 / 545	27.30
25	6C / 33	Michael J. & Whitney N. Marsh	628 / 734	2.25
26	6C / 34	Richard W. Dunham	533 / 799	3.00
27	6C / 13	Eastern Gas Transmission & Storage, Inc.	427 / 545	6.57
28	6C / 32.1	Fred A. Bailey	W25 / 263	92.89
29	6C / 35	Richard D. & Connie S. Carpenter (LE)	707 / 83	15.00
30	6C / 36	Richard D. & Connie S. Carpenter (LE)	707 / 83	12.00
31	6C / 37	Richard D. & Connie S. Carpenter (LE)	707 / 83	21.50
32	6D / 24	Richard D. & Connie S. Carpenter (LE)	707 / 83	8.00
33	6D / 25	Lary & Gina F. Simon	702 / 865	4.30
34	6D / 25.3	Jessica L. Bailey	715 / 903	0.57
35	6D / 25.2	WV American Water Co.	583 / 337	0.01
36	6D / 25.4	Jessica L. Bailey	715 / 903	6.47
37	6D / 27.1	Blair R. Jackson	468 / 370	3.99
38	6D / 27.1	Karen Sue Carson	553 / 232	2.00
39	6D / 32	Eden R. Jackson	468 / 370	2.85
40	6D / 30	Scott & Amy Carpenter	709 / 826	3.93
41	6D / 28	Alicia Sue Lang	W31 / 530	1.68
42	6D / 30.1	Charles F. Bailey	W25 / 263	5.37
43	6D / 29	Tina M. Burnside	W42 / 563	1.91
44	6D / 29.1	Mary J. Bailey Trust	W49 / 571	14.09
45	6D / 37	Charles R. Kemper	487 / 688	13.40
46	6D / 55	Edward E. Garrett	482 / 153	95.00
47	6D / 65	Edward E. Garrett	482 / 153	61.08
48	6D / 64	Mary Lou Curry Trust	681 / 626	69.00
49	6D / 83.2	Edith L. Withers	W27 / 108	34.00
50	6D / 84	Chad & Elizabeth Boram	739 / 539	31.01
51	6D / 85.2	Martha & Raymond W. James, Jr.	570 / 478	4.40
52	6D / 85.6	Brian S. & Donna M. Seckman	546 / 250	6.07
53	6D / 85.7	Brian S. & Donna M. Seckman	546 / 250	3.33
54	6D / 90.1	Edgar L. & Patricia E. Bleigh	751 / 153	5.20
55	6D / 85	Brian S. & Donna M. Seckman	600 / 715	2.00
56	6D / 85.3	Kenneth F. & Sheryl A. Short	710 / 296	1.96
57	6D / 85.5	Tracy D. & Edgar L. Bleigh, Jr.	548 / 109	1.26
58	6D / 85.1	Stephen M. Perry	655 / 286	0.57
59	6D / 85.4	Ann L. James, et al	608 / 184	2.60
60	6D / 84.2	Joseph M. & Linda G. Menendez	592 / 685	0.52
61	6D / 84.1	Evelyn M. Money Penny	W12 / 471	0.52
62	6D / 84.4	Robert B. & Valerie Westfall	688 / 516	0.52
63	6D / 86.1	Carlos R. & Teresa Oseguera	747 / 112	0.56
64	6D / 86.2	Joseph C. & Kathryn Q. Kemper	598 / 475	0.46
65	6D / 86.3	David B. & Debra A. Montgomery	665 / 739	2.27
66	6D / 88	Robert Bailey, et al	659 / 782	4.20
67	6D / 86	David B. & Debra A. Montgomery	557 / 829	23.85
68	6D / 93	David B. & Debra A. Montgomery	614 / 714	19.10
69	7D / 17	Karen Butcher, et al	FID	13.75
70	7E / 1.5	George W. Persinger	565 / 70	10.11



Notes: Well No. Flesher 1212 S-5H West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'05.32" Longitude: 80°29'16.24" UTM Zone 17, NAD 1983
Latitude: 39°04'41.99" Longitude: 80°28'48.44" UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,330,022.638m E: 544,290.717m N: 4,325,608.139m E: 544,983.628m
Plate orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

Notes:
Well No. Flesher 1212 S-5H UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,206,082.59' E: 1,785,727.12'
Landing Point Coordinates
N: 14,204,620.07' E: 1,783,264.82'
Bottom Hole Coordinates
N: 14,191,599.36' E: 1,788,000.45'



No.	TM / Par	Owner	Bk / Pg	Ac.
71	6E / 46	Marjorie L. & Michael F. Tierney, Jr.	520 / 168	11.00
72	6E / 32	Marjorie L. & Michael F. Tierney, Jr.	582 / 479	12.60
73	7E / 53	Marjorie L. & Michael F. Tierney, Jr.	564 / 168	1.00
74	6E / 33	John W. & Debra K. Carroll	384 / 231	2.64
75	6E / 29.1	Samuel M. & Janice S. Bailey	338 / 639	5.72
76	6E / 30.2	Robert Bailey, et al	659 / 782	6.22
77	7E / 5	Martha C. Queen	553 / 416	20.40
78	7E / 6	Martha C. Queen	553 / 416	15.38
79	6E / 44	Terry & Susanna Flesher	639 / 812	3.00
80	6D / 23	Scott & Amy Carpenter	709 / 826	80.00

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