

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-033-05929 County Harrison District Union/Freeman's Creek
Quad West Milford, WV 7.5' Pad Name Stickel 1210 Field/Pool Name Fink Kennedy
Farm name Stickel Well Number Stickel 1210 S-6H
Operator (as registered with the OOG) HG Energy II Appalachia, LLC
Address 5260 Dupont Rd. City Parkersburg State WV Zip 26101

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4332731.250 Easting 546685.664
Landing Point of Curve Northing 4332595.681 Easting 547414.851
Bottom Hole Northing 4329828.939 Easting 548358.968

Elevation (ft) 994 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)
Air/Mud/OBM
KCL, Barite, Lime, CaCL, base oil, clay, sulfatone, safevert FLG, safevert WA

Date permit issued 10/25/2018 Date drilling commenced 12/18/2018 Date drilling ceased 8/15/2019
Date completion activities began 9/30/2019 Date completion activities ceased 2/23/2020
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 80', 315 Open mine(s) (Y/N) depths N
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N
Coal depth(s) ft 100', 450', 480' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:
Snew 10/19/2020

API 47-033 - 05929 Farm name Stickel Well number Stickel 1210 S-6H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	36	36	20	New	195 lbs/ft		No
Surface	34.5	30"	100	New	154.5 lbs/ft		Yes
Coal	26"	20"	500	New	94 lbs/ft J55		Yes
Intermediate 1	17.5"	13.375"	1742	New	68 lbs/ft		Yes
Intermediate 2	12.25"	9.625"	2515	New	40 lbs/ft J-55		Yes
Intermediate 3							
Production	8.5	5.5	17022	New	23 lbs/ft J-110		Yes
Tubing	5.5"	2.875	7477.39	New	5 lbs/ft J-55 EL		No
Packer type and depth set							

Comment Details 30" surface casing cemented back to surface with 5 bbls returns, backside grouted back to surface the following day as cement dropped 32 bbls pumped, 8 back to surface Class A 3% calcium, 1 lbd/bbl flake

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	Drilled in						
Surface	Class A	330	15.6	1.28	415.5	Grouted to surface	8
Coal	Class A	920	15.6	1.20	1100.5	Surface	8
Intermediate 1	Class A	1157/440	15.4/15.9	1.23/1.17	1420/516	Surface	24
Intermediate 2	Class A	835	15.6	1.19	988	Surface	8
Intermediate 3							
Production	Class A	1223/2313	14.5/14.8	1.29/1.33	1577/3076	Surface	8
Tubing	Not cemented						

Drillers TD (ft) 17050 Loggers TD (ft) _____
 Deepest formation penetrated Marcellus Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) 6539'

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____
20" casing: Centralizer placed on the shoe joint and every other joint to surface
13.375" casing: centralizer run every joint to 20" casing then placed every 3 joints to surface
9.625" casing: Centralizers run every other joint to 13.375" casing then placed every 3 joints to surface
5.5" casing: Centralizer run every joint to top of curve (KOP) then centralizers placed every 3 joints to surface

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

HG Energy II Appalachia, LLC
Stickel 1210 S-6H
Lithology/Formation Information

Formation	Top Depth TMD	Top Depth TVD	Bottom Depth TMD	Bottom Depth TVD	Rock Type, Type of Fluid, Gas, Oil	Oil, Gas, Water
Water shows	80	80	90	90	1" stream	Fresh Water
Water shows	315	315	320	315	1/4" stream	Fresh Water
Coals	100, 450, 480		102,455,485		Coal	
Greenbrier Big Lime	1172	1172	1272	1272	Limestone	
Pocono Big Injun	1272	1272	1350	1350	Sandstone	
Gantz	1538	1538	1600	1600	Sandstone/ Siltstone	
Fifty foot Sand	1648	1648	1700	1700	Sandstone	
Thirty foot Sand	1738	1731	1744	1744	Sandstone	
Gordon Stray sand	1785	1785	1828	1828	Sandstone	
Gordon sand	1851	1851	1928	1928	Sandstone	
5th sand	2035	2034	2065	2064	Sandstone	
Bayard sand	2129	2128	2147	2146	Sandstone	
Speechley	2745	2744	2763	2762	Sandstone/Siltstone	
Balltown	2965	2964	3005	3004	siltstone/Shale	
Benson	4138	4045	4179	4078	Sandstone	
Rhinestreet	6148	5682	6494	5963	Shale	
Cashaqua	6494	5963	6754	6173	shale	
Middlesex	6754	6173	6855	6252	shale	
West River	6855	6252	7027	6373	shale	
Burket	7027	6373	7077	6404	shale	
Tully	7077	6404	7277	6513	Limestone	
Hamilton	7277	6513	7444	6581	shale	
Marcellus shale	7444	6581	17050	6758	shale	

HG Energy II Appalachia, LLC

Stickel 1210 S-6H

Perforation Record

Stage #	Date	Perforation from Depth	Perforation to Depth	Number of Perforations	Formation
Sleeve / 1	1/2/2020	16911	16867	2	Marcellus
2	1/2/2020	16,833	16,665	49	Marcellus
3	1/3/2020	16,637	16,469	49	Marcellus
4	1/3/2020	16,441	16,273	49	Marcellus
5	1/3/2020	16,245	16,077	49	Marcellus
6	1/4/2020	16,049	15,881	49	Marcellus
7	1/4/2020	15,853	15,685	49	Marcellus
8	1/4/2020	15,657	15,489	49	Marcellus
9	1/5/2020	15,461	15,293	49	Marcellus
10	1/5/2020	15,265	15,097	49	Marcellus
11	1/5/2020	15,069	14,901	49	Marcellus
12	1/9/2020	14,873	14,705	49	Marcellus
13	1/18/2020	14,677	14,509	47	Marcellus
14	1/18/2020	14,481	14,313	47	Marcellus
15	1/18/2020	14,285	14,117	47	Marcellus
16	1/18/2020	14,089	13,921	47	Marcellus
17	1/19/2020	13,893	13,725	47	Marcellus
18	1/19/2020	13,697	13,529	47	Marcellus
19	1/19/2020	13,501	13,333	47	Marcellus
20	1/20/2020	13,305	13,137	47	Marcellus
21	1/20/2020	13,109	12,941	47	Marcellus
22	1/21/2020	12,913	12,745	47	Marcellus
23	1/21/2020	12,717	12,549	47	Marcellus
24	1/21/2020	12,521	12,353	47	Marcellus
25	1/21/2020	12,325	12,157	47	Marcellus
26	1/22/2020	12,129	11,961	47	Marcellus
27	1/22/2020	11,933	11,765	47	Marcellus
28	1/22/2020	11,737	11,569	47	Marcellus
29	1/22/2020	11,541	11,373	47	Marcellus
30	1/23/2020	11,345	11,177	47	Marcellus
31	1/23/2020	11,150	10,982	47	Marcellus
32	1/23/2020	10,956	10,788	47	Marcellus
33	1/23/2020	10,762	10,594	47	Marcellus
34	1/24/2020	10,568	10,400	47	Marcellus
35	1/24/2020	10,374	10,206	47	Marcellus
36	1/24/2020	10,180	10,012	47	Marcellus
37	1/24/2020	9,986	9,818	47	Marcellus
38	1/24/2020	9,792	9,624	47	Marcellus
39	1/25/2020	9,598	9,430	47	Marcellus
40	1/25/2020	9,404	9,236	47	Marcellus
41	1/25/2020	9,210	9,042	47	Marcellus
42	1/25/2020	9,016	8,848	47	Marcellus
43	1/26/2020	8,822	8,654	47	Marcellus
44	1/26/2020	8,628	8,460	47	Marcellus
45	1/26/2020	8,434	8,266	47	Marcellus
46	1/26/2020	8,240	8,072	47	Marcellus
47	1/27/2020	8,046	7,878	47	Marcellus
48	1/27/2020	7,852	7,684	47	Marcellus
49	1/27/2020	7,658	7,490	47	Marcellus
KP					

HG Energy II Appalachia, LLC

Stickel 1210 S-6H

Stimulation Record

Stage #	Date	Average Pump Rate (BPM)	Ave Treatment Press (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Proppant (LBS)	Water (BBLs)
Sleeve / 1	1/2/2020	64.9	10697	11086	6461	10000	5239
2	1/2/2020	87.1	9,353	10,732	3,914	572,980	12,493
3	1/3/2020	87.7	9,201	10,534	4,490	577,420	11,605
4	1/3/2020	94.2	9,577	10,468	4,687	577,160	12,606
5	1/3/2020	87.8	9,686	10,491	4,620	577,940	14,407
6	1/4/2020	79.4	9,612	10,686	4,726	577,960	13,140
7	1/4/2020	85.4	9,825	10,577	5,109	504,230	10,836
8	1/4/2020	88.5	9,530	9,754	4,360	577,680	11,600
9	1/5/2020	83.8	9,579	10,934	4,870	576,740	11,955
10	1/5/2020	89.5	9,508	10,410	4,690	583,060	12,522
11	1/5/2020	88.5	9,915	10,693	4,480	577,260	12,507
12	1/9/2020	90.6	9,440	10,513	5,001	577,120	11,211
13	1/18/2020	87.8	8,770	9,284	5,511	577,960	10,992
14	1/18/2020	89.4	9,108	10,091	4,160	577,700	11,734
15	1/18/2020	90.1	8,682	9,060	4,810	636,500	10,595
16	1/18/2020	87.0	9,062	10,238	4,060	577,920	12,094
17	1/19/2020	90.3	8,844	9,748	4,450	567,660	10,438
18	1/19/2020	84.1	8,576	9,250	4,480	585,740	11,376
19	1/19/2020	90.9	8,693	9,311	4,703	587,000	10,247
20	1/20/2020	86.6	8,739	9,755	4,603	573,460	10,907
21	1/20/2020	93.0	8,486	8,876	5,450	581,240	10,128
22	1/21/2020	88.2	8,710	9,290	4,106	579,220	10,638
23	1/21/2020	92.5	9,243	10,019	5,235	460,240	8,985
24	1/21/2020	91.0	8,465	9,239	6,400	581,040	10,071
25	1/21/2020	88.7	8,558	9,697	5,650	470,920	10,352
26	1/22/2020	94.2	8,529	9,208	4,863	579,030	9,805
27	1/22/2020	92.5	8,383	8,956	4,466	575,340	9,986
28	1/22/2020	92.6	8,364	9,565	5,450	580,280	10,132
29	1/22/2020	93.8	7,996	8,879	6,010	568,840	8,046
30	1/23/2020	94.4	8,463	9,283	4,954	575,780	8,275
31	1/23/2020	95.0	8,734	9,493	5,400	575,140	8,263
32	1/23/2020	91.1	8,684	9,352	5,716	574,000	9,391
33	1/23/2020	94.3	8,677	9,226	5,903	576,760	8,321
34	1/24/2020	94.4	8,568	9,450	5,508	575,500	8,261
35	1/24/2020	95.6	8,622	9,405	5,146	573,060	8,364
36	1/24/2020	90.5	8,566	9,386	5,165	575,280	8,075
37	1/24/2020	94.2	8,472	9,076	5,340	521,840	7,703
38	1/24/2020	95.7	8,305	9,290	5,678	565,360	8,314
39	1/25/2020	96.7	7,986	8,942	5,504	565,000	8,384
40	1/25/2020	95.2	7,853	8,904	5,450	567,770	8,098
41	1/25/2020	94.3	8,067	9,065	5,250	440,970	7,664
42	1/25/2020	95.1	7,762	8,162	5,865	568,560	8,247
43	1/26/2020	93.8	7,602	8,247	5,256	565,900	8,256
44	1/26/2020	93.8	7,994	9,086	4,680	565,080	9,386
45	1/26/2020	94.8	7,898	8,887	4,920	562,860	8,154
46	1/26/2020	93.1	7,765	9,008	5,867	565,240	9,533
47	1/27/2020	89.7	8,058	10,629	5,797	482,540	9,528
48	1/27/2020	93.8	7,627	8,613	4,890	564,940	8,285
49	1/27/2020	90.1	7,325	8,326	5,020	565,740	8,067
KP							

BHL is located on topo map 3,074 feet south of Latitude: 39°07'30"
 SHL is located on topo map 8,795 feet south of Latitude: 39°10'00"

SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

SEE PAGE 3 FOR SURFACE OWNERS



	SURFACE OWNER	DIST-TM/PAR
1	DANNY LEE & ALICIA A. STICKEL	20-444/19.2
2	DANNY LEE STICKEL	20-444/19.11
3	DANNY LEE STICKEL	20-444/19.3
4	LEONARD R. & PATRICIA G. WILLIAMS	20-444/19.1
5	NATHANIEL A. NAY	20-444/19.13
6	BETTY WILLIAMS (LE) MARGARET E. SUTTON ET AL	20-444/19.6
7	ERVIN W. & MARGARET SUTTON	20-444/19.4
8	NANCY C. LESHO	20-444/19.5
9	CASEY C. & KELLY J. BOWIE	20-444/19
10	ROCK GARTON	12-444/26
11	DONALD R. & DIANE K. REYNOLDS	12-444/33
12	NOAH M. JR. & SHARON S. BLEIGH	12-444/54
13	GEORGE W. & SANDRA L. GARTON	12-444/34.1
14	BRIAN J. & LEIGH ANN HORNSBY	4-7B/3
15	RALPH C. & JUDITH A. GARBER	12-444/44
16	KENNETH LEE GREYNOLDS	4-7B/4
17	KENNETH LEE GREYNOLDS	4-7B/6.2
18	DOMINION ENERGY TRANSMISSION INC	3-7B/40.2
19	DOMINION ENERGY TRANSMISSION INC	3-7B/37
20	KENNETH LEE GREYNOLDS	4-7B/6.2
21	SHERRI A. DEEM	4-7B/7
22	*ROBERT LEWIS MOORE	4-7B/16
23	ROBERT LEWIS MOORE	4-7B/17
24	JERRY A. & ROBIN M. LIGHT	4-7C/23
25	CNX GAS COMPANY LLC	4-7C/28
26	JULIA SPELSBERG	4-7C/25.3
27	CARROL "BUD" DAVIS	4-7C/25.2
28	CARROL "BUD" DAVIS	4-7C/25.1
29	JAMES D. HAGER	4-7C/11.13
30	DONIS HANNAH	4-7C/26

	LESSOR	DIST-TM/PAR
A	A. W. RHODES ET UX	20-444/19.2 20-444/19.11 20-444/19.3 20-444/19.1 20-444/19.13 20-444/19.6 20-444/19.4 20-444/19.5 20-444/19
B	ETHEL B. PAINE ET AL	20-444/33 20-444/54 20-444/34.1 4-7B/3 20-444/44
C	R. A. BEEGHLEY ET UX	4-7B/3
D	IONA WYMER ET AL	4-7B/4
E	IONA WYMER ET AL	4-7B/6.2 4-7B/7
F	JAMES E. BEEGHLEY ET AL	3-7B/40.2
G	DOMINION ENERGY TRANSMISSION, INC. TO HG ENERGY, LLC	3-7B/37
H	DOMINION ENERGY TRANSMISSION, INC. TO HG ENERGY, LLC	3-7B/37 4-7B/6.2
J	MARSHALL HITT ET AL	4-7B/16 4-7B/17
K	SARAH A. SMITH ET AL	4-7C/23
L	IDA M. SMITH ET AL	4-7C/23
M	MAYME A. SMITH ET AL	4-7C/28 4-7C/25.3 4-7C/25.2 4-7C/25.1 4-7C/11.13
N	FLOE & HUGH RAMSBURG ET AL	4-7C/26



BHL is located on topo map 6,699 feet west of Longitude: 80°25'00"
 SHL is located on topo map 407 feet west of Longitude: 80°27'30"

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

FILE #: STICKEL 6H
 DRAWING #: STICKEL 6H
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



Signed: [Signature]
 R.P.E.: _____ L.L.S.: P.S. No. 2346

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: MAY 5, 2020
 OPERATOR'S WELL #: STICKEL 6H
 API WELL #: 47 33 05929
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

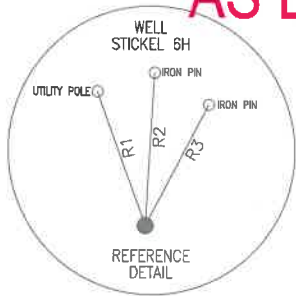
WATERSHED: MIDDLE WEST FORK CREEK ELEVATION: 994'±
 COUNTY/DISTRICT: HARRISON / UNION QUADRANGLE: WEST MILFORD, WV 7.5'
 SURFACE OWNER: DANNY LEE & ALICIA A. STICKEL ACREAGE: 35.00±
 OIL & GAS ROYALTY OWNER: A. W. RHODES ET UX ACREAGE: 709.61±

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,758'± TMD: 17,050'±
 WELL OPERATOR HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT DIANE C. WHITE
 Address 5260 DUPONT ROAD Address 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

AS DRILLED PLAT

STICKEL 6H PAGE 2 OF 2



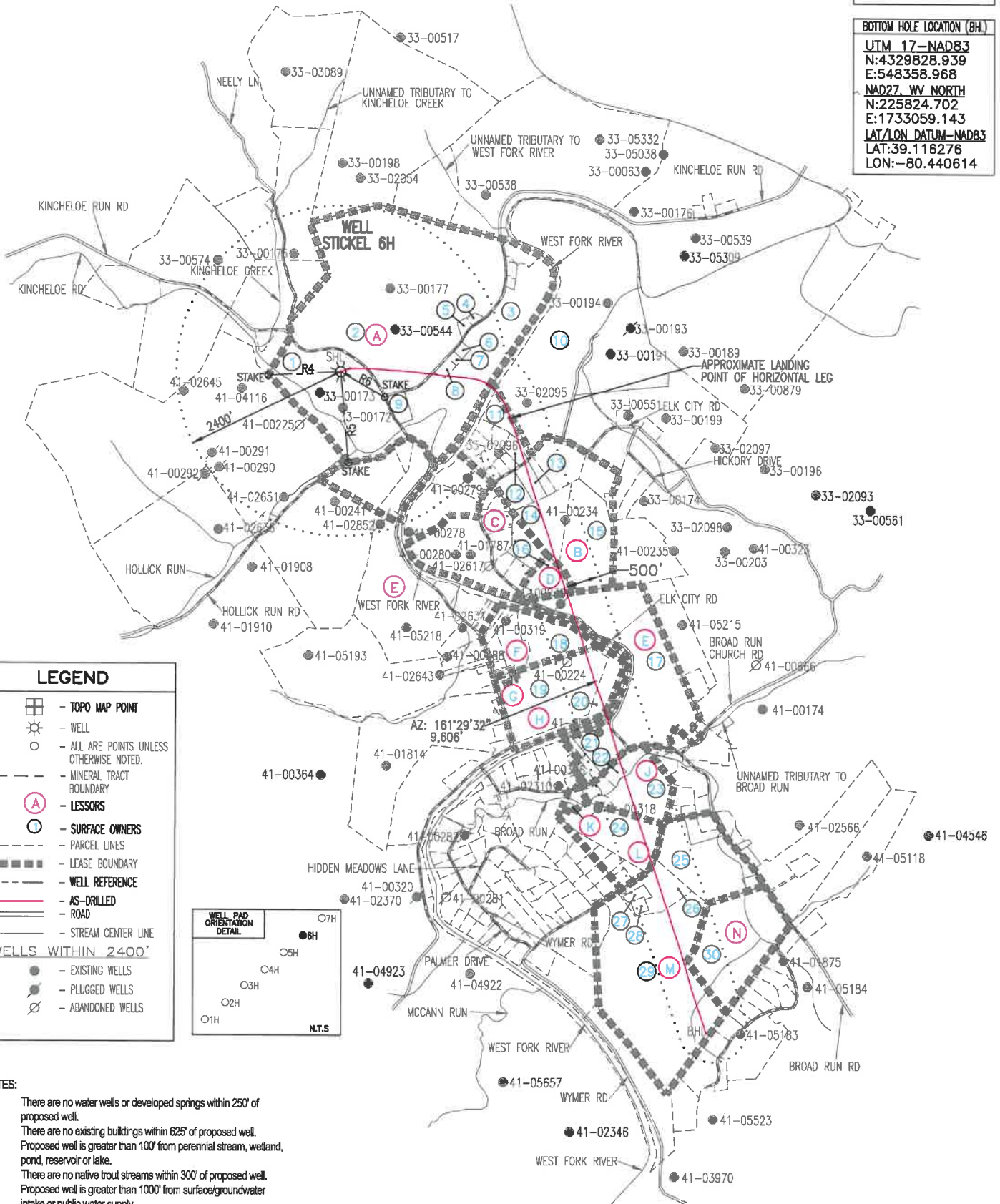
LINE	BEARING	DISTANCE
R1	N 19°42'08" W	188.21'
R2	N 03°27'39" E	202.20'
R3	N 27°50'23" E	181.20'
R4	S 87°06'47" W	1059.06'
R5	S 04°50'48" E	1332.95'
R6	S 60°00'18" E	741.25'



SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4332731.250
 E:546685.664
 NAD27, WV NORTH
 N:235440.169
 E:1727726.716
 LAT/LON DATUM-NAD83
 LAT:39.142519
 LON:-80.459769

APPROX. LANDING POINT
 UTM 17-NAD83
 N:4332595.681
 E:547414.851
 NAD27, WV NORTH
 N:234955.450
 E:1730112.146
 LAT/LON DATUM-NAD83
 LAT:39.141258
 LON:-80.451341

BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4329828.939
 E:548358.968
 NAD27, WV NORTH
 N:225824.702
 E:1733059.143
 LAT/LON DATUM-NAD83
 LAT:39.116276
 LON:-80.440614



LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT BOUNDARY
- LESSORS
- SURFACE OWNERS
- PARCEL LINES
- LEASE BOUNDARY
- WELL REFERENCE
- AS-DRILLED
- ROAD
- STREAM CENTER LINE

WELLS WITHIN 2400'

- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS

WELL PAD ORIENTATION DETAIL

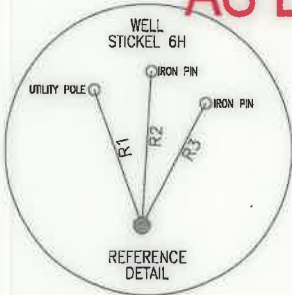
- NOTES:**
- There are no water wells or developed springs within 250' of proposed well.
 - There are no existing buildings within 625' of proposed well.
 - Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 - There are no native trout streams within 300' of proposed well.
 - Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
 - It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

MAY 5, 2020



AS DRILLED PLAT

STICKEL 6H PAGE 2 OF 2



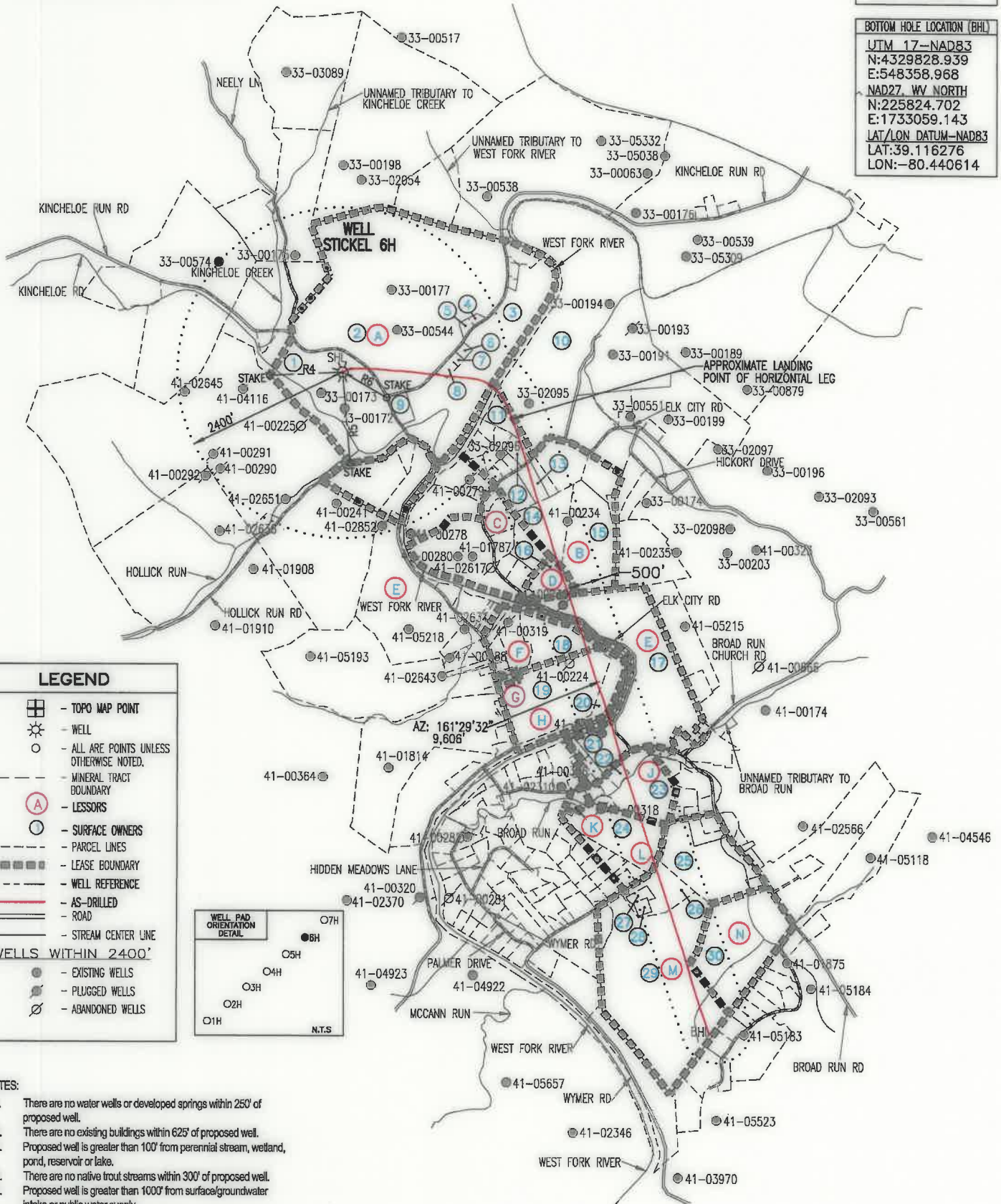
LINE	BEARING	DISTANCE
R1	N 19°42'08" W	188.21'
R2	N 03°27'39" E	202.20'
R3	N 27°50'23" E	181.20'
R4	S 87°06'47" W	1059.06'
R5	S 04°50'48" E	1332.95'
R6	S 60°00'18" E	741.25'



SURFACE HOLE LOCATION (SHL)	
UTM 17-NAD83	N:4332731.250
	E:546685.664
NAD27, WV NORTH	N:235440.169
	E:1727726.716
LAT/LON DATUM-NAD83	LAT:39.142519
	LOX:-80.459769

APPROX. LANDING POINT	
UTM 17-NAD83	N:4332595.681
	E:547414.851
NAD27, WV NORTH	N:234955.450
	E:1730112.146
LAT/LON DATUM-NAD83	LAT:39.141258
	LOX:-80.451341

BOTTOM HOLE LOCATION (BHL)	
UTM 17-NAD83	N:4329828.939
	E:548358.968
NAD27, WV NORTH	N:225824.702
	E:1733059.143
LAT/LON DATUM-NAD83	LAT:39.116276
	LOX:-80.440614



LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT BOUNDARY
- LESSORS
- SURFACE OWNERS
- PARCEL LINES
- LEASE BOUNDARY
- WELL REFERENCE
- AS-DRILLED
- ROAD
- STREAM CENTER LINE

WELLS WITHIN 2400'

- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS

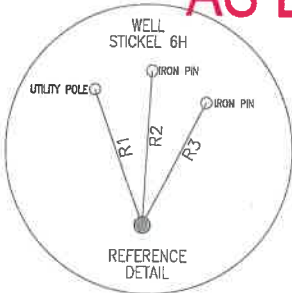
WELL PAD ORIENTATION DETAIL

- NOTES:**
- There are no water wells or developed springs within 250' of proposed well.
 - There are no existing buildings within 625' of proposed well.
 - Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 - There are no native trout streams within 300' of proposed well.
 - Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
 - It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

MAY 5, 2020



AS DRILLED PLAT STICKEL 6H PAGE 2 OF 2

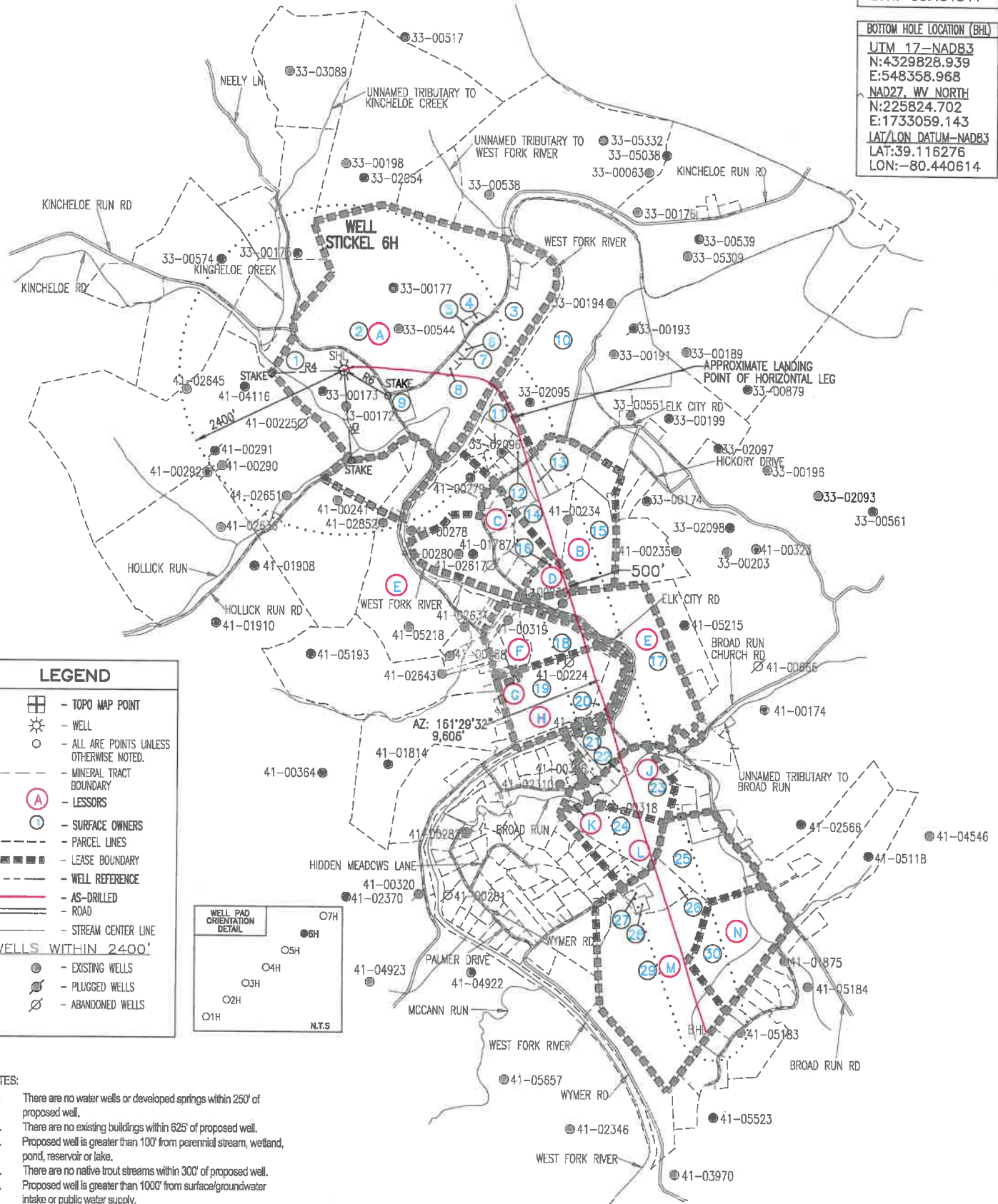


SURFACE HOLE LOCATION (SHL)	
UTM 17-NAD83	N:4332731.250
	E:546685.664
NAD27, WV NORTH	N:235440.169
	E:1727726.716
LAT/LON DATUM-NAD83	LAT:39.142519
	LO N:-80.459769

APPROX. LANDING POINT	
UTM 17-NAD83	N:4332595.681
	E:547414.851
NAD27, WV NORTH	N:234955.450
	E:1730112.146
LAT/LON DATUM-NAD83	LAT:39.141258
	LO N:-80.451341

BOTTOM HOLE LOCATION (BHL)	
UTM 17-NAD83	N:4329828.939
	E:548358.968
NAD27, WV NORTH	N:225824.702
	E:1733059.143
LAT/LON DATUM-NAD83	LAT:39.116276
	LO N:-80.440614

LINE	BEARING	DISTANCE
R1	N 19°42'08" W	188.21'
R2	N 03°27'39" E	202.20'
R3	N 27°50'23" E	181.20'
R4	S 87°06'47" W	1059.06'
R5	S 04°50'48" E	1332.95'
R6	S 60°00'18" E	741.25'



LEGEND

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MAY 5, 2020



