

SURFACE HOLE SURVEYED 39° 17' 30" (NAD27)
 BOTTOM HOLE SURVEYED 39° 15' 00" (NAD27)

6,465'

2,954'

Latitude: (NAD27)

(NAD83-WVN) US SURVEY FT.

TOP HOLE
 N) 274883.029
 E) 1785201.644
 LANDING POINT
 N) 273860.400
 E) 1784282.547
 BOTTOM HOLE
 N) 261334.910
 E) 1788607.121

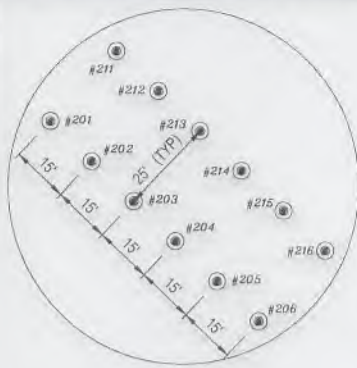
(NAD83-LAT/LONG) DECIMAL

TOP HOLE
 N) 39.252888472
 E) -80.147287801
 LANDING POINT
 N) 39.250062635
 E) -80.150507179
 BOTTOM HOLE
 N) 39.215759013
 E) -80.134924203

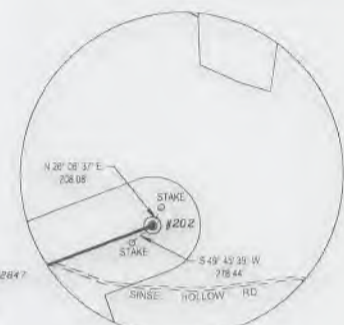
(UTM, NAD83 ZONE 17) METER

TOP HOLE
 N) 4345186.937
 E) 573574.832
 LANDING POINT
 N) 4344870.719
 E) 573299.991
 BOTTOM HOLE
 N) 4341076.499
 E) 574680.973

06/14/2019



REFERENCES TO PROPOSED HORIZONTAL WELL SURFACE LOCATIONS NTS



REFERENCES TIES (NTS)

Longitude: (NAD27)

REFERENCE NOTES
 1 Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & Barbour County, West Virginia Date 2019.
 2 State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
 3 There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
 4 No water wells found within 250' of the center of well pad.

LEGEND

	PROPOSED WELL LATERAL
	PROPOSED WELL TIE LINE
	STREAM
	EXISTING ROAD
	BUFFER
	PROPERTY LINE
	SURVEYED SURFACE TRACT LINE
	MINERAL TRACT BOUNDARY
	COUNTY BOUNDARY LINE
	PROPOSED WELL HEAD
	EXISTING WELL HEAD (Active)
	EXISTING WELL HEAD (Plugged)
	EXISTING WELL HEAD (Abandoned)
	EXISTING WELL HEAD (Never Drilled)
	LANDING POINT/BOTTOM HOLE
	SURFACE OWNER

FILE#: 17078-008
 SHEET#: 1 of 2
 SCALE: 1" = 3000'
 TICK SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE OF ELEVATION: WV-RTN CORS STATION

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: *Herbert L. Parsons* 5-31-19
 P.S. #2361: Herbert L. Parsons, III P.S.



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

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

WATERSHED: SIMPSON CREEK
 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT
 SURFACE OWNER: CFS FARMS LLC
 OIL & GAS ROYALTY OWNER: HEIRS AND/OR SUCCESSORS OF THOMAS W. BROTHARD, JR., JOSEPH L. RIDER, AND NORTH CENTRAL BANK, TRUSTEES OF THE ALMA MUIR TESTAMENTARY TRUST, MICHAEL C. COLEBANK, VIETTA FLEMING HAWKINS, HEIRS AND/OR SUCCESSORS OF A. BROOKS FLEMING, ROBERT CHESTER SINSEL, PATRICIA ANN SALTIS, SANDRA PETTIT, CHARLES E. PRYOR

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

TARGET FORMATION: MARCELLUS

WELL OPERATOR: ARSENAL RESOURCES
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300
 CITY: WEXFORD STATE: PA ZIP: 15090

DATE: MAY 31, 2019
 FIBER TFP22
 OPERATOR'S WELL #: # 202
 API WELL #: 47 091 1357
 STATE COUNTY PERMIT

ELEVATION: 1,240.5'
 QUADRANGLE: ROSEMONT, WV
 ACREAGE: 905 ±
 ACREAGE: 1,080 ±

ESTIMATED DEPTH: TVD: 7,756.5' TMD: 21,584.3'

DESIGNATED AGENT: WILLIAM VEIGEL
 ADDRESS: 65 PROFESSIONAL PLACE SUITE 200
 CITY: BRIDGEPORT STATE: WV ZIP: 26330



BOTTOM HOLE SURVEYED 80° 07' 30" (NAD27)
 SURFACE HOLE SURVEYED 80° 07' 30" (NAD27)

SURFACE PARCEL OWNER INFORMATION

ADJOINER PARCEL OWNER INFORMATION

ID#	PARCEL NUMBER	OWNER NAME
1	091-04-11-1	CFS FARMS LIMITED LIABILITY CO
21	091-04-11-5.5	BECKWITH LUMBER COMPANY
22	091-04-11-5.2, 5.6 & 5.7	SMITH ROBIN M
118	091-04-11-5.4	SEESE BRENDA KAY & JOANN V SMITH & SURV
128	091-04-11-7	HURST MARY M
127	091-04-11-6.1	HOLCOMB DAV/D T JR & LAURA M/DBA SENECA RENTAL PROPERTIES
25	091-04-11-6	RAVIS THOMAS E
43	001-09-9-22	WOLFF LARRY, ROBERT WOLFE & STANLEY WOLFE ET UXES,
48	001-09-9-22.2	WOLFE MICHAEL B
59	001-09-12-4.5	NEWMAN JERRY & JENNIFER WROS
61	001-09-12-10	WOLFE LARRY M & ELLEN S HWS
64	001-09-12-51.2	BECKWITH LUMBER CO

ID#	PARCEL NUMBER	OWNER NAME
2	001-09-9-2	STEWART FARM LLC
3	033-15-351-13	GRAFTON COAL CO
4	033-15-351-12	GRAFTON COAL CO
5	033-15-331-27	JOHNSON RENEE
6	091-04-8-22	GRIPPIN JAMES S & ELAINE M
7	091-04-8-23	GRAY RANDALL & RITA
8	091-04-8-35	MARKS BETTY P
9	091-04-8-29	COALQUEST DEVELOPMENT LLC
10	091-04-8-105	BLOSSER PATRICK B ETAL
11	091-04-8-81	SIMMONS HUNTER
12	091-04-8-83	STEWART BARBARA JEAN
13	091-04-8-84	STEWART BARBARA JEAN
14	091-04-8-90.1	SINSEL FRANCES E
15	091-04-9-37.1	FELTON MICHAEL B & TARA L
16	091-04-11-19	BARTLETT HILDA & MILTON D
17	091-04-11-17	HOWARD CYNTHIA D
18	091-04-11-1.1	ANDERSON DANIEL & KAREN
19	091-04-11-17.3	SIMPSON JOHN E
20	091-04-11-9	WATKINS DOUGLAS R & ANNA M
23	091-04-11-8	ASTOR CEMETERY
24	091-04-11-7.5	NELSON HELEN L HURST MARY M
26	091-04-11-5.1	RAVIS JERRY L ESTATE
27	091-04-11-3	PROPST PAUL
29	RIGHT-OF-WAY	COUNTY ROUTE 76
31	001-09-9-8	CLEAVENGER LEONARD D
32	001-09-9-8.2	CLEAVENGER LEONARD D
33	001-09-9-7	CROUSE ORLAN, JR
40	001-09-9-20	SEESE ROBERT & BRENDA HWS
42	001-09-11-1	POLINO ENTERPRISES INC.
44	001-09-9-17.1	MADDIX MICHAEL R ET UX
45	001-09-9-11	SALTIS STEVE JR & AMY HWS
46	001-09-9-12	SALTIS STEVE JR & AMY R.HWS
47	001-09-9-13	MURPHY GEORGE H JR & TAMELA J, HWS
49	001-09-12-4.2	KNOTIS TERRY & DONETTA
50	001-09-12-14	MOSESSO JOHN A TRUST
51	001-09-9-22.3	KRIZNER FRANK A & RENEE B HWS
52		CLEAVENGER PLAT
57	001-09-12-11	EDWARD HENLINE
60		BEAR MOUNTAIN SUBDIVISION NO. 1
62	001-09-12B-46.2	CASTO DANNIE EUGENE
63	001-09-12-52	MONTGOMERY BRADFORD EUGENE & GEORGIA, HWS
65	001-09-12-52.1	MARTIN EVELYN
66	001-09-12-9.1	MYER JON E SR & ANTHONY (WS)
67	001-09-12-8	GOFF ROBERT H III & TINA M & HWS
71	001-09-12-59	BECKWITH LUMBER CO INC
72	001-09-12-7.1	SMINK JEANNETTE REBECCA
95	091-04-11-24	DUNN JOHN B & ROSS A
96	091-04-11-13	RIFFLE JERALD L & LINDA SUR & SURV
97	091-04-11-13.1	RIFFLE BRANDON MATTHEW
98	091-04-11-17.2	MCKINNEY THOMAS R JR & LINDA I
100	091-04-11-17.1	SIMPSON JOHN E
101	091-04-11A-2	GAINES NANCY J & GROVER L
104	091-04-11A-1	WESTFALL LARRY NEIL(LF) ERIC S & TEPHABOCK KEVIN R
111	091-04-11-10	JENKINS THOMAS & KARRY & SURV
126	091-04-11-7.1 & 7.3	PAYNE RANDALL D
129	091-04-11-6.2	ZIRKLE KATHLEEN L
130	091-04-11-6.3	JOHNSON MICHAEL

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- ⊙ SURFACE OWNER

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ADDRESS: 65 PROFESSIONAL PLACE SUITE 200
CITY: BRIDGEPORT STATE: WV ZIP: 26330