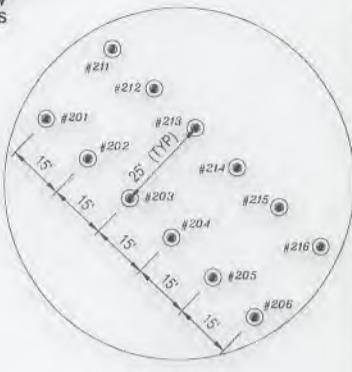


SURFACE HOLE SURVEYED 39° 17' 30" (NAD27)  
 BOTTOM HOLE SURVEYED 39° 15' 00" (NAD27)

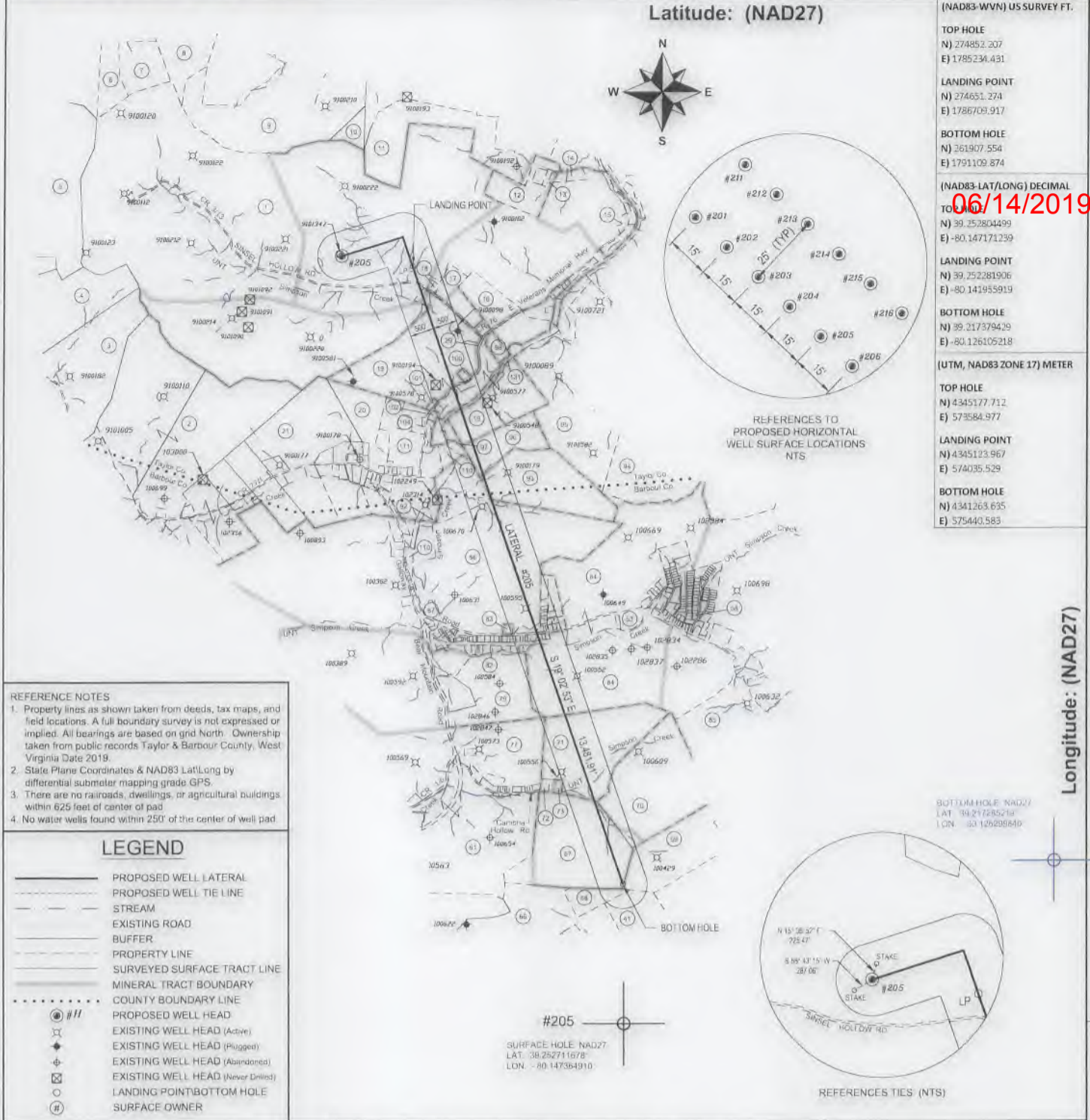
6,432' 451'

Latitude: (NAD27)

(NAD83-WVN) US SURVEY FT.  
 TOP HOLE  
 N) 274852.207  
 E) 1785234.431  
 LANDING POINT  
 N) 274651.274  
 E) 1786709.917  
 BOTTOM HOLE  
 N) 261907.554  
 E) 1791109.874  
 (NAD83-LAT/LONG) DECIMAL  
 TO: **06/14/2019**  
 N) 39.252804499  
 E) -80.147171239  
 LANDING POINT  
 N) 39.252381906  
 E) -80.141955919  
 BOTTOM HOLE  
 N) 39.217379429  
 E) -80.126105218  
 (UTM, NAD83 ZONE 17) METER  
 TOP HOLE  
 N) 4345177.712  
 E) 573584.977  
 LANDING POINT  
 N) 4345123.967  
 E) 574035.529  
 BOTTOM HOLE  
 N) 4341263.635  
 E) 575440.583



REFERENCES TO PROPOSED HORIZONTAL WELL SURFACE LOCATIONS NTS



**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. BROHARD, 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 #: # 205

API WELL #: 47 091 **01360164**  
 STATE COUNTY PERMIT

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

ESTIMATED DEPTH: TVD: 7,756.5' TMD: 21,866.9'

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



11,912'  
 14,143'  
 Longitude: (NAD27)  
 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
19	091-04-11-17.3	SIMPSON JOHN E
131	091-04-11-29	SIMPSON JOHN E
96	091-04-11-13	RIFFLE JERALD I & LINDA SUR & SURV
93	091-04-11-25	BECKWITH LUMBER CO
86	001-09-17-2	WILFONG DENVER S JR & BRENDA S
82		GALLOWAY SUBDIVISION
84	001-09-8-1	BECKWITH LUMBER CO
71	001-09-12-59	BECKWITH LUMBER CO INC
70	001-09-13-1	BECKWITH LUMBER CO INC
67	001-09-12-8	GOFF ROBERT H III & TINA M & HWS

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
20	091-04-11-9	WATKINS DOUGLAS R & ANNA M
21	091-04-11-5.5	BECKWITH LUMBER COMPANY
29	RIGHT-OF-WAY	COUNTY ROUTE 76
41	001-09-13-5	MORGAN DELORES SUE & PATTY JEAN DUFFIELD
53	001-09-8-1.2	COLLINS RONALD & JUDY
58		GALLOWAY SUBDIVISION II
61	001-09-12-10	WOLFE LARRY M & ELLEN S HWS
66	001-09-12-9.1	MYER JON E SR & ANTHONY (WS)
68	001-09-12-9	ALBERTA MCCAULEY L/E TO RONALD D MCCAULEY
69	001-09-13-3	SLOGAR LORENA ANNE HRS
72	001-09-12-7.1	SMINK JEANNETTE REBECCA
73	001-09-12-7.2	SMINK JEANNETTE REBECCA
77	001-09-12-7	ZACAVISH FRANK D
79	001-09-12-5	ZACAVICH FRANK
83	001-09-9A-17	CLEAVENGER CEMETERY
85	001-09-13-2	HONCE AGNES (HRS)
87	001-09-14	ALBERT JOSEPH & DOBBINS LOETTA
92	091-04-11-11	SMITH JOANN V & BROWN JR GARY M & SURV
94	091-04-10-3	DRAINER CLINTON & CANDACE IRREV TRUST
95	091-04-11-24	DUNN JOHN B & ROSS A
97	091-04-11-13.1	RIFFLE BRANDON MATTHEW
98	091-04-11-17.2	MCKINNEY THOMAS R JR & LINDA L
100	091-04-11-17.1	SIMPSON JOHN E
102	091-04-11A-3	RADTKA RYAN C
104	091-04-11A-1	WESTFALL LARRY NEIL(LF) ERIC S & TEPHABOCK KEVIN R
110	091-04-11-28	CSX TRANSPORTATION INC.
111	091-04-11-10	JENKINS THOMAS & KARRY & SURV

06/14/2019

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- BUFFER
- - - - - PROPERTY LINE
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- MINERAL TRACT BOUNDARY
- · · · · COUNTY BOUNDARY LINE
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- ⊕ EXISTING WELL HEAD (Plugged)
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 ACREAGE: 905 ±  
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- CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_

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 WELL OPERATOR: ARSENAL RESOURCES DESIGNATED AGENT: WILLIAM VEIGEL  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300 ADDRESS: 65 PROFESSIONAL PLACE SUITE 200  
 CITY: WEXFORD STATE: PA ZIP: 15090 CITY: BRIDGEPORT STATE: WV ZIP: 26330