

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

822'

Latitude: (NAD27)

(NAD83-WVN) US SURVEY FT.

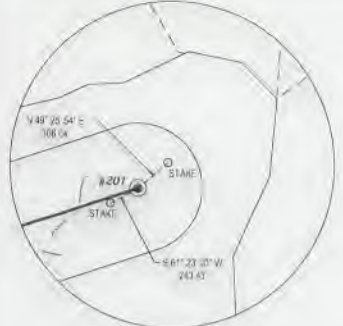
TOP HOLE
 N) 276971.722
 E) 1779051.662
 LANDING POINT
 N) 275668.913
 E) 1777137.673
 BOTTOM HOLE
 N) 262835.630
 E) 1781570.126

(NAD83-LAT/LONG) DECIMAL

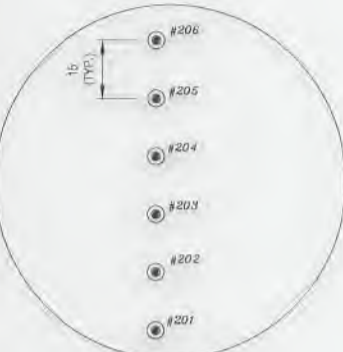
TOP HOLE
 N) 39.258499232
 E) 80.169059585
 LANDING POINT
 N) 39.254883069
 E) 80.175784204
 BOTTOM HOLE
 N) 39.219740001
 E) 80.159799000

(UTM, NAD83) METER

TOP HOLE
 N) 4345792.144
 E) 571690.548
 LANDING POINT
 N) 4345385.524
 E) 571114.018
 BOTTOM HOLE
 N) 4341498.094
 E) 572529.433



REFERENCES TIES (NTS)



REFERENCES TO PROPOSED HORIZONTAL WELL SURFACE LOCATIONS NTS



- REFERENCE NOTES
- 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 County, West Virginia, Date 2018.
 - State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
 - There are no railroads, dwellings, or agricultural buildings within 825 feet of center of pad.
 - 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
- MINERAL TRACT BOUNDARY
- COUNTY BOUNDARY LINE
- # # PROPOSED WELL HEAD
- EXISTING WELL HEAD (Active)
- ◆ EXISTING WELL HEAD (Plugged)
- ◇ EXISTING WELL HEAD (Abandoned)
- ⊕ EXISTING WELL HEAD (Meyer Orland)
- EXISTING WELL HEAD (Touche Drill)
- LANDING POINT/BOTTOM HOLE
- ⊙ SURFACE OWNER

REG 1 TOWN HOLE (NAD27)
 LAT: 39.258499232
 LONG: 80.169059585

SURFACE HOLE (NAD27)
 LAT: 39.258407022
 LONG: 80.169252706

Longitude: (NAD27)

FILE#: 17078-007
 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* 6-5-2019
 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: RENEE JOHNSON
 OIL & GAS ROYALTY OWNER: HEIRS & ASSIGNS OF EARL LAWSON, HEIRS & ASSIGNS OF DULCIE STARKEY, HEIRS & ASSIGNS OF MARTHA ROBERTS, HEIRS & ASSIGNS OF VIRGIE BARTLETT, HEIRS & ASSIGNS OF BLANCHE WATSON, HEIRS & ASSIGNS OF DEZZIE BUTTS, AND HEIRS & ASSIGNS OF HASSELL LAWSON

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: JUNE 5, 2019
 JOHNSON TFP-40
 OPERATOR'S WELL #: # 201
 API WELL #: 47 091 01352
 STATE COUNTY PERMIT

ELEVATION: 1,332.5
 QUADRANGLE: ROSEMONT, WV
 ACREAGE: 284 ±
 ACREAGE: 284 ±

ESTIMATED DEPTH: TVD: 7,903.5' TMD: 22,482.4'
 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° 10' 00" (NAD27)

SURFACE PARCEL OWNER INFORMATION

| ID# | PARCEL NUMBER | OWNER NAME |
|-----|---------------|---------------------------|
| 1 | 033-15-331-27 | JOHNSON RENEE |
| 57 | 033-15-351-10 | RENEE JOHNSON |
| 4 | 033-15-351-12 | EIP III WEST VIRGINIA LLC |
| 87 | 033-15-351-11 | EIP III WEST VIRGINIA LLC |
| 3 | 033-15-351-13 | EIP III WEST VIRGINIA LLC |
| 86 | 033-15-351-24 | EIP III WEST VIRGINIA LLC |
| 39 | 001-09-9-1 | STEWART FARM LLC |
| 81 | 001-09-9-19 | STEWART FARM LLC |
| 40 | 001-09-9-20 | SEESE ROBERT & BRENDA HWS |
| 80 | 001-09-10-2 | SMITH JO ANN V |
| 42 | 001-09-11-1 | POLINO ENTERPRISES INC |
| 73 | 001-09-12-42 | FOSTER ROGER & ETHEL |

ADJOINER PARCEL OWNER INFORMATION

| ID# | PARCEL NUMBER | OWNER NAME |
|-----|---------------|---|
| 2 | 001-09-9-2 | STEWART FARM LLC |
| 5 | 091-04-11-1 | CFS FARMS LIMITED LIABILITY CO |
| 6 | 091-04-8-22 | GRIPPIN JAMES S & ELAINE M |
| 29 | 091-04-8-21 | CARLYLE G MILLARD |
| 33 | 001-09-9-7 | CROUSE ORLAN, JR |
| 35 | 091-09-9-20.1 | SMALLWOOD RUSSELL & ANGELA WRS |
| 37 | 001-09-9-2.1 | BOARD OF EDUCATION |
| 38 | 001-09-9-3 | STEWART FARM LLC |
| 41 | 001-09-12-1 | POLINO ENTERPRISES INC |
| 43 | 001-09-9-22 | WOLFE LARRY, ROBERT WOLFE & STANLEY WOLFE ET UXES, |
| 53 | 091-04-7-9 | CEQUEL COMMUNICATIONS LLC |
| 54 | 091-04-7-27 | CEQUEL COMMUNICATIONS LLC |
| 55 | 091-04-7-8 | SHIRLEY A FRUM, CLINTON A FRUM, ET UX |
| 56 | 033-15-351-9 | RENEE JOHNSON |
| 65 | 001-09-12-27 | WOLFE LARRY MICHAEL |
| 71 | 001-09-12.61 | CHARLTON RANDALL L & CAROLYN, |
| 72 | 001-09-12.60 | SCHIMANSKY STEVEN & DEBRA HWS |
| 74 | 001-09-12C 2 | FOSTER ROGER & ETHEL |
| 75 | 001-09-12-43 | SMITH STEVEN & CYNTHIA |
| 76 | 001-09-12.41 | TRADER PAUL & LORETTA |
| 77 | 001-09-11-1.2 | BECKWITH LUMBER CO INC |
| 78 | 033-15-371-3 | EIP III WEST VIRGINIA LLC |
| 79 | 033-15-371-6 | EIP III WEST VIRGINIA LLC |
| 82 | 001-09-10.1 | SMITH JO ANN V |
| 83 | 033-15-351-31 | EIP III WEST VIRGINIA LLC |
| 85 | 033-15-351-23 | EIP III WEST VIRGINIA LLC |
| 88 | 033-15-351-9 | JOHNSON RENEE |
| 89 | 033-15-351-7 | WARDER ORAN LEE & JANICE L |
| 93 | 001-09-12C-1 | LEHMAN DIANA LYNN, COSTELLO ELIZABETH, ARBAUGH RITA |

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 County, West Virginia Date 2018
2. State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
3. There are no railroads, dwellings, or agricultural buildings within 825 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 |
| | 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) |
| | EXISTING WELL HEAD (Future Drill) |
| | LANDING POINT/BOTTOM HOLE |
| | SURFACE OWNER |

FILE#: 17078-007

SHEET#: 2 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* 6-5-2019
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



DATE: JUNE 5, 2019

JOHNSON TFP-40
OPERATOR'S WELL #: # 201

API WELL #: 47 091 **01352**
STATE COUNTY PERMIT

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

WATERSHED: SIMPSON CREEK

ELEVATION: 1,332.5

COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT

QUADRANGLE: ROSEMONT, WV

SURFACE OWNER: RENEE JOHNSON

ACREAGE: 284 ±

OIL & GAS ROYALTY OWNER: HEIRS & ASSIGNS OF EARL LAWSON, HEIRS & ASSIGNS OF DULCIE STARKEY, HEIRS & ASSIGNS OF MARTHA ROBERTS, HEIRS & ASSIGNS OF VIRGIE BARTLETT, HEIRS & ASSIGNS OF BLANCHE WATSON, HEIRS & ASSIGNS OF DEZZIE BUTTS, AND HEIRS & ASSIGNS OF HASSEL LAWSON

ACREAGE: 284 ±

- 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

ESTIMATED DEPTH: TVD: 7,903.5' TMD: 22,482.4'

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

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