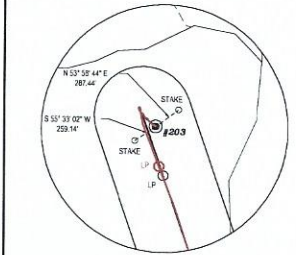


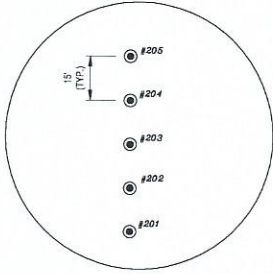
SURFACE HOLE SURVEYED 39° 17' 30" (NAD27)  
 BOTTOM HOLE SURVEYED 39° 12' 30" (NAD27)

Latitude: (NAD27)

5,557' AD  
 5,588'



REFERENCES TIES (NTS)



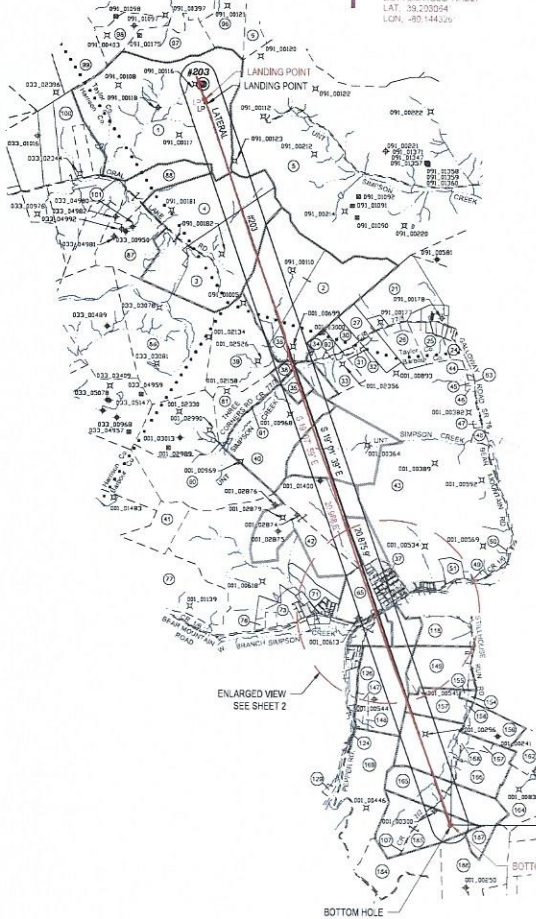
REFERENCES TO PROPOSED HORIZONTAL WELL SURFACE LOCATIONS (NTS)

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 for Taylor, Harrison, and Barbour County, West Virginia Date 2022
- State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
- There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
- No water wells found within 250' of the center of well pad.

LEGEND

- AS-DRILLED WELL LATERAL
- 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



AS-DRILLED PLAT

(NAD83-WV) US SURVEY FT.	
TOP HOLE	
N	277001.722 N 277001.72
E	1779051.662 E 1779051.66
LANDING POINT	
N	276497.633 N 276595.07
E	1779130.490 E 1779086.09
BOTTOM HOLE	
N	256752.143 N 256763.94
E	1789335.770 E 1789565.37
(NAD83-LAT/LONG) DECIMAL	
TOP HOLE	
N	39.258581 N 39.258582
E	-80.169090 E -80.169090
LANDING POINT	
N	39.257159 N 39.257460
E	-80.168709 E -80.168528
BOTTOM HOLE	
N	39.203132 N 39.203158
E	-80.144237 E -80.144132
(UTM, NAD83) METER	
TOP HOLE	
N	4345801.284 N 4345801.28
E	571690.396 E 571690.40
LANDING POINT	
N	4345544.103 N 4345576.96
E	571716.966 E 571702.96
BOTTOM HOLE	
N	4329569.804 N 4329670.50
E	573890.246 E 573899.26

Longitude: (NAD27)

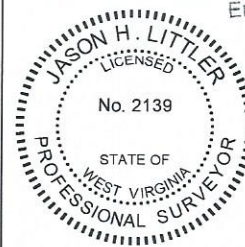
RECEIVED  
 Office of Oil and Gas  
 AUG 04 2023

WV Department of Environmental Protection

FILE#: 22078-001  
 SHEET#: 1 of 3  
 SCALE: 1" = 4000'  
 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: *Jason H. Littler* 3/14/23  
 P.S. #2139: Jason H. Littler P.S.



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



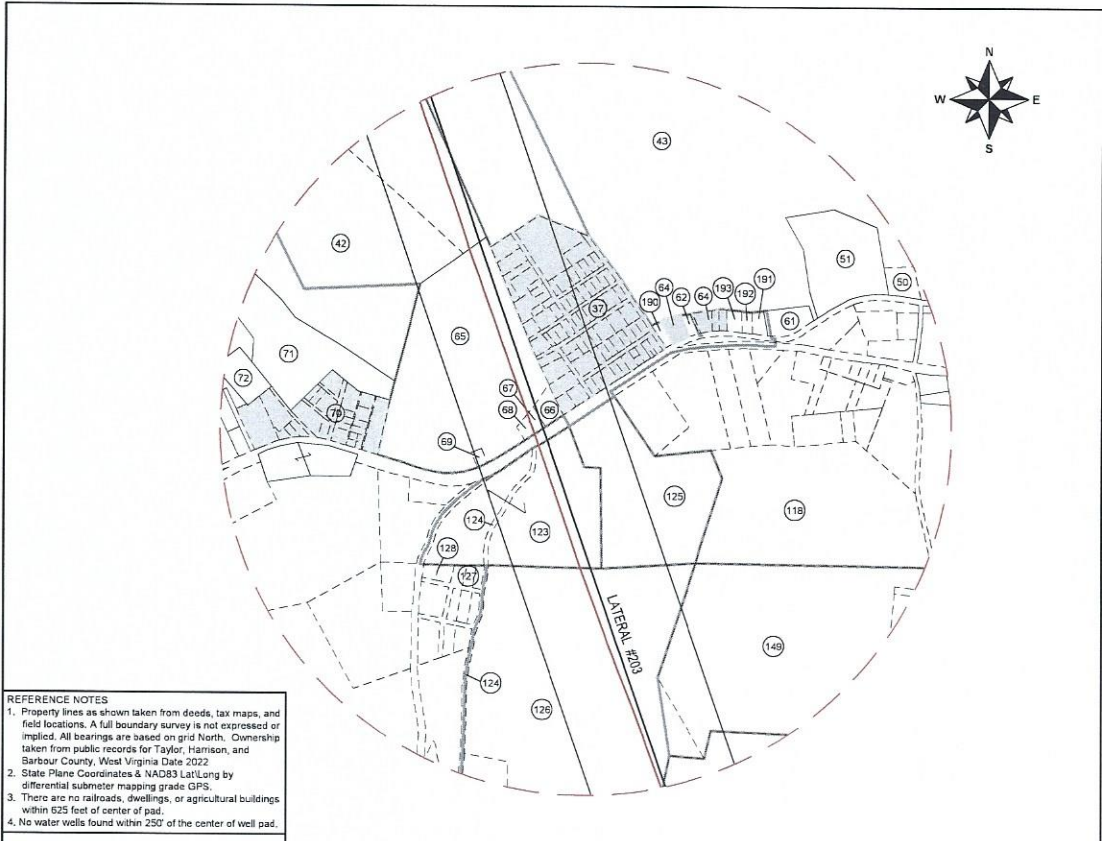
DATE: MARCH 14, 2023  
 OPERATOR'S WELL #: JOHNSON TFP-40 # 203  
 API WELL #: 47 091 1368  
 STATE COUNTY PERMIT

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: SEE WV-6A1

ELEVATION: 1,332.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 284 ±  
 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: 7.906' TMD: 29.095'  
 WELL OPERATOR: ARSENAL RESOURCES  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300  
 CITY: WEXFORD STATE: PA ZIP: 15090  
 DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 633 MAIN STREET  
 CITY: BRIDGEPORT STATE: WV ZIP: 26330

BOTTOM HOLE SURVEYED 80° 07' 30" (NAD27)  
 SURFACE HOLE SURVEYED 80° 10' 00" (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 for Taylor, Harrison, and Barbour County, West Virginia Date 2022  
 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**

—	AS-DRILLED WELL LATERAL
- - - - -	PROPOSED WELL LATERAL
- - - - -	PROPOSED WELL TIE LINE
- - - - -	STREAM
—	EXISTING ROAD
- - - - -	BUFFER
- - - - -	PROPERTY LINE
- - - - -	MINERAL TRACT BOUNDARY
- - - - -	COUNTY BOUNDARY LINE
⊙ #H	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

ENLARGED PLAT AREA

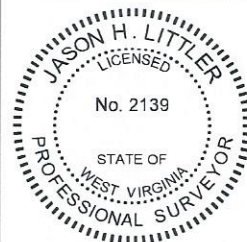
RECEIVED  
 Office of Oil and Gas  
 AUG 04 2023  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION

**AS-DRILLED PLAT**

FILE#: 22078-001  
 SHEET#: 2 of 3  
 SCALE: 1" = 1000'  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WW-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: *Jason H. Littler* 3/14/23  
 P.S. #2139: Jason H. Littler P.S.



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



DATE: MARCH 14, 2023  
 JOHNSON TFP-40  
 OPERATOR'S WELL #: # 203  
 API WELL #: 47 091 1368  
 STATE COUNTY PERMIT

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: SEE WW-6A1

ELEVATION: 1,332.5  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 284 ±  
 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: 7,906' TMD: 29,095'

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

DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 633 MAIN STREET  
 CITY: BRIDGEPORT STATE: WV ZIP: 26330

SURFACE PARCEL OWNER INFORMATION			ADJOINER PARCEL OWNER INFORMATION				
ID#	DEP#	PARCEL NUMBER	OWNER NAME	ID#	DEP#	PARCEL NUMBER	OWNER NAME
1	033	17-15-0331-0027-0000	JOHNSON RENEE	5	091	45-04-0011-0001-0000	CFS FARMS LIMITED LIABILITY CO
4	033	17-15-0351-0012-0000	GCSTREAM LLC	6	091	45-04-0008-0002-0000	CRIPPIN JAMES S & ELAINE M & SURV
3	033	17-15-0351-0013-0000	GCSTREAM LLC	21	091	45-04-0011-0005-0005	BECKWITH LUMBER COMPANY
2	001	01-09-0009-0002-0000	STEWART FARM LLC	24	091	45-04-0011-0007-0005	SANFORD RICHARD LEE & PAMELA & SURV
36	001	01-09-0009-0004-0000	STEWART FARM LLC	25	091	45-04-0011-0008-0000	RAVIS THOMAS E
38	001	01-09-0009-0003-0000	STEWART FARM LLC	29	091	45-04-0011-0008-0001	RAVIS THOMAS E
35	001	01-09-0006-0002-0001	SMALLWOOD RUSSELL S & ANGELA WRS	37	091	45-04-0011-0003-0000	PROBST PAUL
40	001	01-09-0009-0000-0000	SEESSE ROBERT & BRENDA HWS	30	091	45-04-0011-0002-0000	PROBST PAUL
43	001	01-09-0009-0002-0000	WOLFE LARRY, ROBERT WOLFE & STANLEY WOLFE ET UXES, HWS	31	001	01-09-0009-0008-0000	CLEAVENGER LEONARD D
42	001	01-09-0011-0001-0000	POLINO ENTERPRISES INC	32	001	01-09-0009-0008-0002	CLEAVENGER LEONARD D
65	001	01-09-0012-0027-0000	WOLFE LARRY MICHAEL	33	001	01-09-0009-0007-0000	CRUISE STEPHEN DALE & MICHAEL LYNN
86	001	01-09-0012-0028-0000	WOLFE LARRY, ROBERT & STANLEY	34	001	01-05-0009-0005-0000	STEWART FARM LLC
87	001	01-09-0012-0027-0002	WOLFE LARRY MICHAEL & ELLEN SUE HWS	37	001	PLAT	CLEAVENGER PLATT
88	001	01-09-0012-0027-0001	WOLFE LARRY MICHAEL	39	001	01-09-0009-0001-0000	STEWART FARM LLC
123	001	01-09-0012-0028-0000	MURRAY SARA N	41	001	01-09-0012-0001-0000	POLINO ENTERPRISES INC
126	001	01-09-0012-0047-0000	SHAHAN CKEY C	44	001	01-09-0009-0001-0001	MALCOM MICHAEL R & JUDITH L
157	001	01-09-0012-0050-0002	KNAPP FRANCES C & JERREL F WS	45	001	01-09-0009-0011-0000	SALTIS STEVE JR & AMY HWS
165	001	01-09-0012-0050-0000	MARTIN ROBERT E	46	001	01-09-0009-0012-0000	SALTIS STEVE JR & AMY HWS
165	001	01-09-0012-0050-0000	MARTIN ROBERT E	47	001	01-09-0009-0013-0000	MURPHY GEORGE H JR & TAMELA J, HWS
165	001	01-09-0012-0050-0000	MARTIN ROBERT E	48	001	01-09-0009-0022-0002	WOLFE MICHAEL B
165	001	01-09-0012-0050-0000	MARTIN ROBERT E	49	001	01-09-0012-0004-0002	KROITS TERRY & DONETTA
165	001	01-09-0012-0050-0000	MARTIN ROBERT E	50	001	01-09-0012-0014-0000	MOSSO JOHN A TRUST
165	001	01-09-0012-0050-0000	MARTIN ROBERT E	51	001	01-09-0009-0022-0003	KRIZNER FRANK A & RENEE B HWS
165	001	01-09-0012-0050-0000	MARTIN ROBERT E	60		RIGHT-OF-WAY	COUNTY ROUTE 106 BEAR MOUNTAIN ROAD
165	001	01-09-0012-0050-0000	MARTIN ROBERT E	61	001	01-09-0012-0004-0000	SWAGER ARGYLE C
165	001	01-09-0012-0050-0000	MARTIN ROBERT E	62	001	01-09-012A-0007-0001	DARR WILLIAM
165	001	01-09-0012-0050-0000	MARTIN ROBERT E	63	001	RIGHT-OF-WAY	GALLOWAY STATE ROUTE 76
165	001	01-09-012A-0091 thru 94-0000		64	001	01-09-012A-0091 thru 94-0000	CRISS DAVID A
165	001	01-09-012A-0107-0000		64	001	01-09-012A-0107-0000	CRISS DAVID A
165	001	01-09-0012-0028-0000		69	001	01-09-0012-0028-0000	WOLFE LARRY M & ELLEN S HWS
165	001	01-09-0012-0001-0000		70	001	PLAIN OF LOTS	BROCKTON PLAIN OF LOTS
165	001	01-09-0012-0001-0000		71	001	01-09-0012-0001-0000	CHARLTON FRYER AVANDA S & TIMOTHY R CHARLTON LIE
165	001	01-09-0012-0001-0000		72	001	01-09-0012-0001-0000	SOHIMANSKY STEVEN & DEBRA HWS
165	001	01-09-0012-0001-0000		73	001	01-09-0012-0001-0000	FOSTER ERIC M & TRACI D WS
165	001	01-09-0012-0001-0000		75	001	01-09-0012-0001-0000	TRADER PAUL & LORETTA WRS
165	001	01-09-0012-0001-0000		77	001	01-09-0012-0001-0000	BECKWITH LUMBER CO INC
165	001	01-09-0012-0001-0000		80	001	01-09-0010-0002-0000	SMITH JO ANN V & GARY M BROWN JR (WS)
165	001	01-09-0009-0019-0000		81	001	01-09-0009-0019-0000	STEWART FARM LLC
165	033	17-15-0351-0023-0000		86	033	17-15-0351-0023-0000	GCSTREAM LLC
165	033	17-15-0351-0011-0000		87	033	17-15-0351-0011-0000	GCSTREAM LLC
165	033	17-15-0351-0010-0000		88	033	17-15-0351-0010-0000	JOHNSON RENEE
165	091	45-04-0008-0002-0000		96	091	45-04-0008-0002-0000	MILLARD CARLYLE G
165	091	45-04-0007-0002-0000		97	091	45-04-0007-0002-0000	CEQUEL III COMMUNICATIONS
165	091	45-04-0007-0009-0000		98	091	45-04-0007-0009-0000	CEQUEL III COMMUNICATIONS
165	091	45-04-0007-0009-0000		99	091	45-04-0007-0009-0000	FRANK CLINTON A (HEIRS)
165	033	17-15-0351-0009-0000		100	033	17-15-0351-0009-0000	JOHNSON RENEE
165	001	01-09-0012-0017-0000		118	001	01-09-0012-0017-0000	MONTGOMERY MICHAEL J & BERTHA, HWS
165	001	01-09-0012-0025-0000		125	001	01-09-0012-0025-0000	VUKOVICH ROBERT K
165	001	RIGHT-OF-WAY		124		RIGHT-OF-WAY	PEPPER ROAD
165	001	01-09-012C-0024 & 25-0000		127	001	01-09-012C-0024 & 25-0000	LIPSCOMB ANNA U E MICHAEL J MASSIE
165	001	01-09-012C-0024 & 25-0000		128	001	01-09-012C-0024 & 25-0000	LIPSCOMB ANNA U E MICHAEL J MASSIE
165	001	01-09-0002-0004-0000		129	001	01-09-0002-0004-0000	MARPLE JAMES D & GENA F DOWELL WS
165	001	01-09-0012-0004-0002		147	001	01-09-0012-0004-0002	FARRIS MYRTLE ELLEN
165	001	01-09-0012-0004-0003		148	001	01-09-0012-0004-0003	MCDORO TIMMY
165	001	01-09-0012-0001-0000		149	001	01-09-0012-0001-0000	WILSON ILLC
165	001	01-09-0012-0005-0003		154	001	01-09-0012-0005-0003	DELANEY JESSE PAUL
165	001	01-09-0012-0005-0005		155	001	01-09-0012-0005-0005	DELANEY JESSE PAUL & BRANDIE L HWS
165	001	01-09-0012-0005-0008		156	001	01-09-0012-0005-0008	KNAPP JERREL
165	001	01-09-0012-0005-0001		159	001	01-09-0012-0005-0001	STREETS BRENDA K ET ALS
165	001	01-09-0012-0005-0000		162	001	01-09-0012-0005-0000	ORDER WYNE D & JEANETTE S, HWS
165	001	01-09-0022-0007-0000		164	001	01-09-0022-0007-0000	WARE SHIRLEY LIVING TRUST
165	001	01-09-0022-0008-0000		167	001	01-09-0022-0008-0000	STREETS FRANKLIN D & BRENDA (WROS)
165	001	01-09-0012-0005-0004		168	001	01-09-0012-0005-0004	MCJUNE CLAYTON & CHARLOTTE WS
165	001	01-09-0012-0004-0001		169	001	01-09-0012-0004-0001	BAKER ARON & MARKEE WS
165	001	01-04-0003-0019-0000		184	001	01-04-0003-0019-0000	HUMPHREYS RUSSELL K & ROBIN D HWS
165	001	01-04-0003-0002-0000		186	001	01-04-0003-0002-0000	STOUT HARRY J II & HARLEN J
165	001	01-04-0003-0004-0000		187	001	01-04-0003-0004-0000	MARTIN ROBERT E
165	001	01-04-0003-0007-0000		190	001	01-04-0003-0007-0000	ELMOND MUREL L (UE)
165	001	01-09-0012-0004-0004		191	001	01-09-0012-0004-0004	TRIVLER RUSSELL J
165	001	01-09-012A-0095-0000		192	001	01-09-012A-0095-0000	KITTLE FRANK G HRS ET AL
165	001	01-09-012A-0096-0000		193	001	01-09-012A-0096-0000	BARTLETT MICHAEL ALLEN SR

**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 for Taylor, Harrison, and Barbour County, West Virginia Date 2022
- State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
- There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
- No water wells found within 250' of the center of well pad.

**LEGEND**

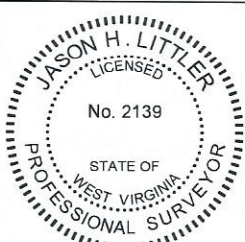
—	AS-DRILLED WELL LATERAL
—	PROPOSED WELL LATERAL
-----	PROPOSED WELL TIE LINE
—	STREAM
—	EXISTING ROAD
—	BUFFER
—	PROPERTY LINE
—	MINERAL TRACT BOUNDARY
-----	COUNTY BOUNDARY LINE
⊙ #H	PROPOSED WELL HEAD
⊙	EXISTING WELL HEAD (Active)
⊙	EXISTING WELL HEAD (Plugged)
⊙	EXISTING WELL HEAD (Abandoned)
⊙	EXISTING WELL HEAD (Never Drilled)
⊙	EXISTING WELL HEAD (Future Drill)
⊙	LANDING POINT/BOTTOM HOLE
⊙	SURFACE OWNER

**AS-DRILLED PLAT**

RECEIVED  
Office of Oil and Gas  
AUG 04 2023  
Environmental Protection

FILE#: 22078-001  
SHEET#: 3 of 3  
SCALE: 1" = 4000'  
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: *Jason H. Littler* 3/14/23  
P.S. #2139: Jason H. Littler P.S.



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



DATE: MARCH 14, 2023  
JOHNSON TFP-40  
OPERATOR'S WELL #: # 203  
API WELL #: 47 091 1368  
STATE COUNTY PERMIT

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: SEE WW-6A1

ELEVATION: 1,332.5'  
QUADRANGLE: ROSEMONT, WV  
ACREAGE: 284 ±  
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: 7,906' TMD: 29,095'

WELL OPERATOR: ARSENAL RESOURCES DESIGNATED AGENT: NATHAN SKEEN  
ADDRESS: 6031 WALLACE ROAD EXTENSION # 300 ADDRESS: 633 MAIN STREET  
CITY: WEXFORD STATE: PA ZIP: 15090 CITY: BRIDGEPORT STATE: WV ZIP: 26330

SURFACE HOLE SURVEYED 39° 17' 30" (NAD27)  
 BOTTOM HOLE SURVEYED 39° 12' 30" (NAD27)

5,557' AD 822'  
 5,586'

Latitude: (NAD27)

(NAD83-WVM) US SURVEY FT.

TOP HOLE  
 N) 277001.722 N) 277001.72  
 E) 1779051.662 E) 1779051.66

LANDING POINT  
 N) 276497.633 N) 276593.07  
 E) 1779130.490 E) 1779086.09

BOTTOM HOLE  
 N) 256762.143 N) 256763.94  
 E) 1785935.770 E) 1785965.37

(NAD83-LAT/LONG) DECIMAL

TOP HOLE  
 N) 39.258581 N) 39.258582  
 E) -80.169060 E) -80.169060

LANDING POINT  
 N) 39.257199 N) 39.257460  
 E) -80.168769 E) -80.168928

BOTTOM HOLE  
 N) 39.203152 N) 39.203158  
 E) -80.144237 E) -80.144132

(UTM, NAD83) METER

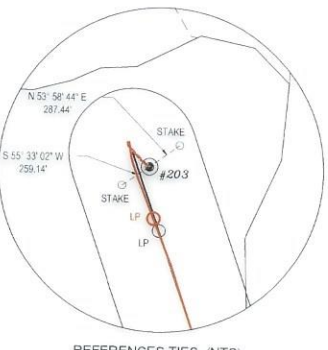
TOP HOLE  
 N) 4345801.284 N) 4345801.28  
 E) 571690.396 E) 571690.40

LANDING POINT  
 N) 4345648.103 N) 4345676.96  
 E) 571716.966 E) 571702.96

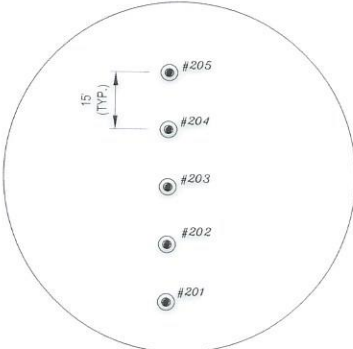
BOTTOM HOLE  
 N) 4339669.804 N) 4339670.50  
 E) 573890.246 E) 573899.26

12,078'

Longitude: (NAD27)



REFERENCES TIES (NTS)

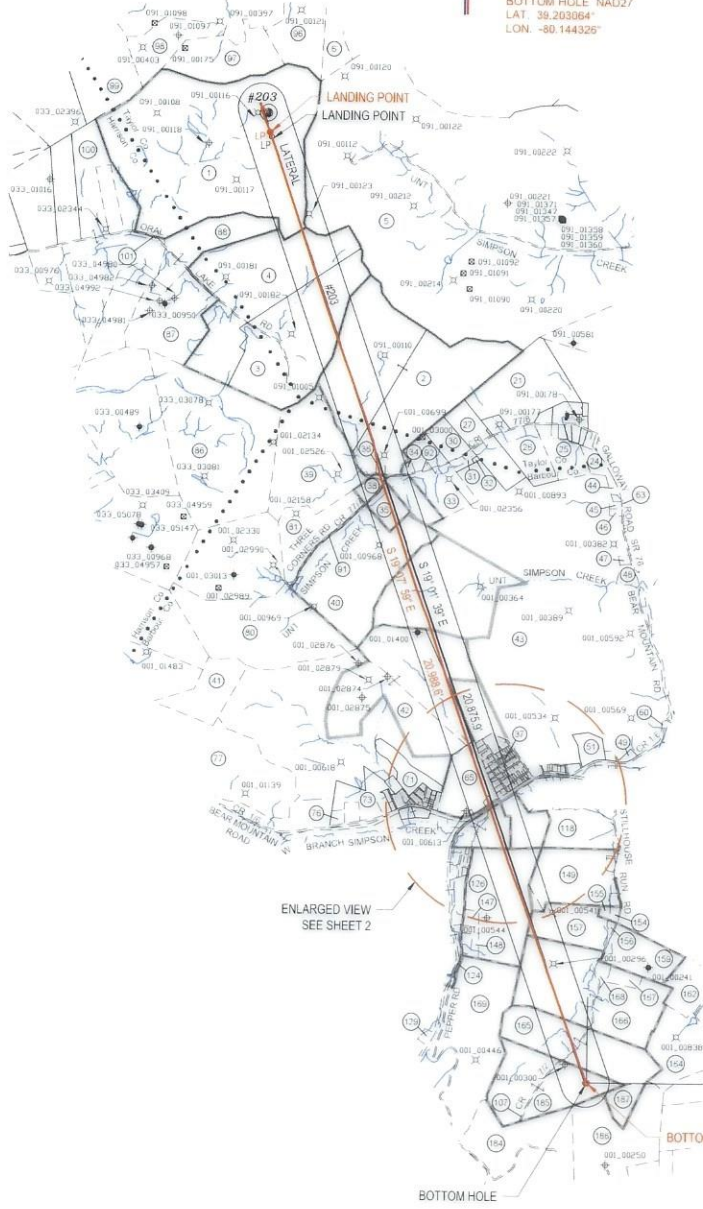


REFERENCES TO PROPOSED HORIZONTAL WELL SURFACE LOCATIONS NTS

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 for Taylor, Harrison, and Barbour County, West Virginia Date 2022  
 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

- AS-DRILLED WELL LATERAL
- PROPOSED WELL LATERAL
- PROPOSED WELL TIE LINE
- STREAM
- EXISTING ROAD
- BUFFER
- PROPERTY LINE
- MINERAL TRACT BOUNDARY LINE
- 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



AS-DRILLED PLAT

SURFACE HOLE NAD27  
 LAT. 39.258489°  
 LON. -80.169253°  
 #203 AD  
 #203  
 SURFACE HOLE NAD27  
 LAT. 39.258489°  
 LON. -80.169253°

FILE#: 22078-001  
 SHEET#: 1 of 3  
 SCALE: 1" = 4000'  
 TICK SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE OF ELEVATION: WW-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: *Jason H. Littler* 3/14/23  
 P.S. #2139: Jason H. Littler P.S.



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



DATE: MARCH 14, 2023  
 JOHNSON TFP-40  
 OPERATOR'S WELL #: # 203  
 API WELL #: 47 091 1368  
 STATE COUNTY PERMIT

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: SEE WW-6A1

ELEVATION: 1,332.5'  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 284 ±  
 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  
 WELL OPERATOR: ARSENAL RESOURCES  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300  
 CITY: WEXFORD STATE: PA ZIP: 15090

ESTIMATED DEPTH: TVD: 7,906' TMD: 29,095'  
 DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 633 MAIN STREET  
 CITY: BRIDGEPORT STATE: WV ZIP: 26330

BOTTOM HOLE SURVEYED 80° 07' 30" (NAD27)  
 SURFACE HOLE SURVEYED 80° 10' 00" (NAD27)



ENLARGED PLAT AREA

**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 for Taylor, Harrison, and Barbour County, West Virginia Date 2022
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**

- AS-DRILLED WELL LATERAL
- 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

**AS-DRILLED PLAT**

FILE#: 22078-001  
 SHEET#: 2 of 3  
 SCALE: 1" = 1000'  
 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: *Jason H. Littler* 3/14/23  
 P.S. #2139: Jason H. Littler P.S.



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



DATE: MARCH 14, 2023  
 JOHNSON TFP-40  
 OPERATOR'S WELL #: # 203

API WELL #: 47 091 1368  
 STATE COUNTY PERMIT

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: SEE WW-6A1

ELEVATION: 1,332.5  
 QUADRANGLE: ROSEMONT, WV  
 ACREAGE: 284 ±  
 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: 7,906' TMD: 29,095'

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

DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 633 MAIN STREET  
 CITY: BRIDGEPORT STATE: WV ZIP: 26330

SURFACE PARCEL OWNER INFORMATION			ADJOINER PARCEL OWNER INFORMATION				
ID#	DEP#	PARCEL NUMBER	OWNER NAME	ID#	DEP#	PARCEL NUMBER	OWNER NAME
1	033	17-15-0331-0027-0000	JOHNSON RENEE	5	091	46-04-0011-0001-0000	CFS FARMS LIMITED LIABILITY CO
4	033	17-15-0351-0012-0000	GCSTREAM LLC	6	091	46-04-0008-0022-0000	GRIPPIN JAMES S & ELAINE M & SURV
3	033	17-15-0351-0013-0000	GCSTREAM LLC	21	091	46-04-0011-0005-0005	BECKWITH LUMBER COMPANY
2	001	01-09-0009-0002-0000	STEWART FARM LLC	24	091	46-04-0011-0007-0005	SANFORD RICHARD LEE & PAMELA & SURV
36	001	01-09-0009-0004-0000	STEWART FARM LLC	25	091	46-04-0011-0006-0000	RAVIS THOMAS E
38	001	01-09-0009-0003-0000	STEWART FARM LLC	26	091	46-04-0011-0005-0001	RAVIS THOMAS E
35	001	01-09-0009-0020-0001	SMALLWOOD RUSSELL & ANGELA WRS	27	091	46-04-0011-0003-0000	PROPST PAUL
40	001	01-09-0009-0020-0000	SEESE ROBERT & BRENDA HWS	30	091	46-04-0011-0002-0000	PROPST PAUL
43	001	01-09-0009-0022-0000	WOLFE LARRY ROBERT WOLFE & STANLEY WOLFE ET UXES, HWS	31	001	01-09-0009-0008-0000	CLEAVENGER LEONARD D
42	001	01-09-0011-0001-0000	POLINO ENTERPRISES INC	32	001	01-09-0009-0008-0002	CLEAVENGER LEONARD D
65	001	01-09-0012-0027-0000	WOLFE LARRY MICHAEL	33	001	01-09-0009-0007-0000	CROUSE STEPHEN DALE & MICHAEL LYNN
66	001	01-09-0012-0026-0000	WOLFE LARRY ROBERT & STANLEY	34	001	01-09-0009-0006-0000	STEWART FARM LLC
67	001	01-09-0012-0027-0002	WOLFE LARRY MICHAEL & ELLEN SUE HWS	37	001	PLAT	CLEAVENGER PLATT
68	001	01-09-0012-0027-0001	WOLFE LARRY MICHAEL	39	001	01-09-0009-0001-0000	STEWART FARM LLC
123	001	01-09-0012-0029-0000	MURRAY SARA N	41	001	01-09-0012-0001-0000	POLINO ENTERPRISES INC
126	001	01-09-0012-0047-0000	SHAHAN OKEY C	44	001	01-09-0009-0017-0001	MADDIX MICHAEL R & JUDITH L
157	001	01-09-0012-0050-0002	KNAPP FRANCES C & JERREL F WS	45	001	01-09-0009-0011-0000	SALTIS STEVE JR & AMY HWS
166	001	01-09-0012-0050-0000	MARTIN ROBERT E	46	001	01-09-0009-0012-0000	SALTIS STEVE JR & AMY R HWS
165	001	01-09-0022-0006-0000	MARTIN ROBERT	47	001	01-09-0009-0013-0000	MURPHY GEORGE H JR & TAMELA J, HWS
185	001	01-09-0022-0005-0000	MARTIN ROBERT E	48	001	01-09-0009-0022-0002	WOLFE MICHAEL B
				49	001	01-09-0012-0004-0002	KNOTTS TERRY & DONETTA
				50	001	01-09-0012-0014-0000	MOSESSO JOHN A TRUST
				51	001	01-09-0009-0022-0003	KRIZNER FRANK A & RENEE B HWS
				60		RIGHT-OF-WAY	COUNTY ROUTE 1/6 BEAR MOUNTAIN ROAD
				61	001	01-09-0012-0004-0000	SWIGER ARGYLE C
				62	001	01-09-012A-0107-0001	DARR WILLIAM
				63	001	RIGHT-OF-WAY	GALLOWAY STATE ROUTE 76
				64	001	01-09-012A-0091 thru 94-0000	CRISS DAVID A
				64	001	01-09-012A-0107-0000	CRISS DAVID A
				69	001	01-09-0012-0028-0000	WOLFE LARRY M & ELLEN S HWS
				70	001	PLAN OF LOTS	BROWNTON PLAN OF LOTS
				71	001	01-09-0012-0061-0000	CHARLTON-FRYER AMANDA S & TIMOTHY R CHARLTON L/E
				72	001	01-09-0012-0060-0000	SCHIMANSKY STEVEN & DEBRA HWS
				73	001	01-09-0012-0042-0000	FOSTER ERIC M & TRACI D W/S
				76	001	01-09-0012-0041-0000	TRADER PAUL & LORETTA WRS
				77	001	01-09-0011-0001-0002	BECKWITH LUMBER CO INC
				80	001	01-09-0010-0002-0000	SMITH JO ANN V & GARY M BROWN JR (W/S)
				81	001	01-09-0009-0019-0000	STEWART FARM LLC
				86	033	17-15-0351-0023-0000	GCSTREAM LLC
				87	033	17-15-0351-0011-0000	GCSTREAM LLC
				88	033	17-15-0351-0010-0000	JOHNSON RENEE
				96	091	46-04-0008-0021-0000	MILLARD CARLYLE G
				97	091	46-04-0007-0027-0000	CEQUEL III COMMUNICATIONS
				98	091	46-04-0007-0009-0000	CEQUEL III COMMUNICATIONS
				99	091	46-04-0007-0008-0000	FRUM CLINTON A (HEIRS)
				100	033	17-15-0351-0009-0000	JOHNSON RENEE
				118	001	01-09-0012-0017-0000	MONTGOMERY MICHAEL J & BERTHA, HWS
				125	001	01-09-0012-0025-0000	VUKOVICH ROBERT K
				124		RIGHT-OF-WAY	PEPPER ROAD
				127	001	01-09-012C-0026 & 27-0000	LIPSOOMB ANNA L/ E MICHAEL J MASSIE
				128	001	01-09-012C-0024 & 25-0000	LIPSOOMB ANNA G MCCORD
				129	001	01-09-0022-0004-0000	MARPLE JAMES D & GENA F DOWELL WS
				147	001	01-09-0012-0047-0002	FARRIS MYRTLE ELLEN
				148	001	01-09-0012-0047-0003	MCCORD TIMMY
				149	001	01-09-0012-0051-0000	WBL SPE II LLC
				154	001	01-09-0012-0050-0003	DELANEY JESSE PAUL
				155	001	01-09-0012-0050-0005	DELANEY JESSE PAUL & BRANDIE L, HWS
				156	001	01-09-0012-0050-0008	KNAPP JERREL
				159	001	01-09-0012-0050-0001	STREETS BRENDA K ET ALS
				162	001	01-09-0012-0055-0000	CORDER WAYNE D & JEANETTE S, HWS
				164	001	01-09-0022-0007-0000	WARE SHIRLEY LIVING TRUST
				167	001	01-09-0022-0009-0000	STREETS FRANKLIN D & BRENDA (WROS)
				168	001	01-09-0012-0050-0004	MCCUNE CLAYTON & CHARLOTTE WS
				169	001	01-09-0022-0004-0001	BAKER AARON & MARKEE WS
				184	001	01-04-0003-0019-0000	HUMPHREYS RUSSELL K & ROBIN D HWS
				186	001	01-04-0003-0020-0000	STOUT HARRY J II & HARLEN J
				187	001	01-04-0003-0047-0000	MARTIN ROBERT E
				190	001	01-09-012A-0090-0000	ELMOND MUREL L (L/E)
				191	001	01-09-0012-0004-0004	TINGLER RUSSEL J
				192	001	01-09-012A-0095-0000	KITTLE FRANK G HRS ET AL
				193	001	01-09-012A-0096-0000	BARTLETT MICHAEL ALLEN SR

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 for Taylor, Harrison, and Barbour County, West Virginia Date 2022
- State Plane Coordinates & NAD83 Lat/Long by differential submeter mapping grade GPS.
- There are no railroads, dwellings, or agricultural buildings within 625 feet of center of pad.
- No water wells found within 250' of the center of well pad.

**LEGEND**

	AS-DRILLED WELL LATERAL
	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

**AS-DRILLED PLAT**

FILE#: 22078-001  
 SHEET#: 3 of 3  
 SCALE: 1" = 4000'  
 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: *Jason H. Littler* 3/14/23  
 P.S. #2139: Jason H. Littler 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: SEE VWV-6A1

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: MARCH 14, 2023

JOHNSON TFP-40  
 OPERATOR'S WELL #: # 203

API WELL #: 47 091 1368  
 STATE COUNTY PERMIT

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

ESTIMATED DEPTH: TVD: 7,906' TMD: 29,095'

DESIGNATED AGENT: NATHAN SKEEN  
 ADDRESS: 633 MAIN STREET  
 CITY: BRIDGEPORT STATE: WV ZIP: 26330