



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Monday, July 25, 2022
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

ARSENAL RESOURCES LLC
6031 WALLACE RD. EXT. SUITE 101
WEXFORD, PA 15090

Re: Permit Modification Approval for JOHNSON TFP-40 204
47-091-01369-00-00

Lateral Modification/ Extension

ARSENAL RESOURCES LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

A blue ink signature of James A. Martin, written in a cursive style, is positioned above his name and title. The signature is written over a faint, light blue circular stamp or watermark.

James A. Martin
Chief

Operator's Well Number: JOHNSON TFP-40 204
Farm Name: RENEE JOHNSON
U.S. WELL NUMBER: 47-091-01369-00-00
Horizontal 6A New Drill
Date Modification Issued: 7/25/2022

Promoting a healthy environment.



People Powered. Asset Strong.

June 30, 2022

West Virginia Department of Environmental Protection
Office of Oil and Gas
ATTN: Laura Adkins
601 57th Street SE
Charleston, WV 25304

CK#0000118975
6/23/22
AMT \$ 5,150.00

RE: Johnson TFP 40 204, API# 47-091-01369 – Expedited Modification due to well extension and spacing changes

Dear Laura,

Enclosed please find the modification for the Johnson TFP 40 204, (API# 47-091-01369). This permit is being modified due to adjusting the wellbore spacing and moving it approximately 150 feet to the west. The wellhead locations remain the same as the current permit. The well is also being extended in lateral length. This well was originally permitted to 22,559 feet. The modification request is to increase the total measured depth to 28,422.5 feet. Additional leases under the additional section are shown on the revised WW-6A1.

Included are the following updated forms:

- Plat
- WW-6B
- Wellbore Schematic
- WW-6A1, Lease Information
- Area of Review Report
- Site Safety Plan

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Should you have any questions or need any additional information, please feel free to contact me by phone or email.

Sincerely,

Dave Boyer
Director of Geology & Development Planning
(c) 724-759-0088
(e) dboyer@arsenalresources.com

6031 Wallace Road Ext, Suite 101
Wexford, PA 15090
P: 724-940-1100
F: 800-428-0981
www.arsenalresources.com

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Arsenal Resources 494519412 Taylor Fleming Rosemont
Operator ID County District Quadrangle

2) Operator's Well Number: Johnson TFP 40 204 Well Pad Name: Johnson TFP 40

3) Farm Name/Surface Owner: Renee Johnson Public Road Access: CR 17, Oral Lake Road

4) Elevation, current ground: 1338.79' Elevation, proposed post-construction: 1332.5'

5) Well Type (a) Gas Oil Underground Storage
Other

(b) If Gas Shallow Deep
Horizontal

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Target Formation- Marcellus Shale, Top- 7,824.5ft, Bottom- 7,916.5ft, Anticipated Thickness- 92ft, Associated Pressure- 0.5 psi/ft

8) Proposed Total Vertical Depth: 7,903.5 ft

9) Formation at Total Vertical Depth: Marcellus Shale RECEIVED
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10) Proposed Total Measured Depth: 28,422.5 ft JUL 05 2022

11) Proposed Horizontal Leg Length: 20,052.1 ft WV Department of
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12) Approximate Fresh Water Strata Depths: 38', 40', 49', 362', 670'

13) Method to Determine Fresh Water Depths: Offsetting wells reported water depths (091-00116, 091-00118, 091-00108, 091-00120)

14) Approximate Saltwater Depths: 1980'

15) Approximate Coal Seam Depths: Elk Lick-322.5', Harlen-356.5', Bakerstown-477.5', Snake Creek-577.5', Upper Freeport-630.5', Lower Freeport-692.5', Upper Kittanning-760.5', Middle Kittanning-825.5', Lower Kittanning-845.5', Clarion 876.5'

16) Approximate Depth to Possible Void (coal mine, karst, other): None Known

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No None Known

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

4709101369

**Arsenal Resources
Johnson TFP 40 201**

WW-6A – Notice of Application, Attachment (page 1 of 1)

Water Purveyors:

Renee Johnson
511 Beards Run Road
Bridgeport, WV 26330

Cequel III Communications II LLC
520 Maryville Centre Dr Suite
Saint Louis, MO 63141

Carlyle G. Millard
413 High St
Bridgeport, WV 26330

James and Elaine Grippin
137 Ocello St.
Clarksburg, WV 26301

CFS Farms Limited Liability Co.
P.O. Box 297
Flemington, WV 26347

4709101369

7015 1520 0003 0705 3409

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<input type="checkbox"/> Return Receipt (electronic)	\$
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<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	11.75

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7/21/22

Sent To
 Street: Renee Johnson
 511 Beards Run Road
 City: Bridgeport, WV 26330

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7015 1520 0003 0705 3416

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<input type="checkbox"/> Return Receipt (electronic)	\$
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<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
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Sent To
 Street: Cequel III Communications II LLC
 520 Maryville Centre Drive, Suite 300
 City: St Louis, MO 63141

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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Postage	\$
Total Postage and Fees	11.75

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7/21/22

Sent To
 Street: Cariyle G. Millard
 513 High Street
 City: Bridgeport, WV 26330

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	11.75

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Sent To
 Street: CFS Farms Limited Liability Co.
 P.O. Box 297
 City: Flemington, WV 26347

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7015 1520 0003 0705 3386

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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	11.75

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Sent To
 Street: James and Elaine Grippin
 137 Ocello Street
 City: Clarksburg, WV 26301

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

18) **CASING AND TUBING PROGRAM**

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	24	Used		94	120	120 ✓	CTS ✓
Fresh Water	13.375	New	J-55	54.5	725	725 ✓	CTS ✓
Coal							
Intermediate	9.625	New	J-55	40	2100	2100 ✓	CTS ✓
Production	5.5	New	P-110	20	28,422	28,422 ✓	TOC @ 1,950
Tubing							
Liners							

Trust L. Reynolds 6-21-22

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	24	36			0	Class A, 3% CaCl ₂	1.2
Fresh Water	13.375	17.5	0.38	2,730	900	Class A, 3% CaCl ₂	1.2
Coal							
Intermediate	9.625	12.25	0.395	3,950	1,500	Class A, 3% CaCl ₂	1.29
Production	5.5	8.5-8.75	0.361	15,920	11,500	Class A/50:50 Poz	1.29/1.34
Tubing					5,000		
Liners					N/A		

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Kind:				
Sizes:				
Depths Set:				

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19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

The well will be started with a conductor rig drilling a 36" hole to Conductor programmed depth then running 24" casing and circulate cement back to surface. The conductor rig will move out and the drilling rig will move in and rig up. The drilling rig will then spud a 17 1/2" hole and drill to fresh water casing (Surface) to the programmed depth, Run 13- 3/8" casing and cement to surface. The rig will continue drilling a 12- 1/4" intermediate hole to the programmed depth, run 9- 5/8" casing and cement to surface. The rig will then continue to drill an 8- 3/4" hole to a designed pilot hole depth, then trip out of hole to run wireline logs. A cement kick-off plug will then be set from bottom of the pilot hole to the designed KOP. We will then drill off the cement plug and start drilling the curve and lateral section to the programmed total measured depth, run 5 1/2" casing and cement according to the program.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

The well will be completed using a plug and perforation method and stimulated with a slickwater and sand slurry. The anticipated maximum rate will be 90 bpm and the maximum pressure will be 11,500 psi.

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21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 33.56

22) Area to be disturbed for well pad only, less access road (acres): 6.20

23) Describe centralizer placement for each casing string:

24"- No centralizers 13 3/8" – one bow spring centralizer on every other joint 9 5/8" – one bow spring centralizer every third joint from TD to surface 5 1/2" – one semi rigid centralizer on every joint from TD of casing to end of curve. Then every other joint to KOP. Every third joint from KOP to 2,300'; there will be no centralizers from 2,300 to surface.

24) Describe all cement additives associated with each cement type:

24" will be circulated to surface. The 13 3/8" casing will be cemented to surface with Class A cement and no greater than 3% CaCl (calcium chloride). The 9 5/8" casing will be cemented to surface with Class A cement, & no greater than 3% calcium chloride. The 5 1/2" production string will be cemented back to 1,950' (+/- 150' above the casing shoe for the 9 5/8") with Class A and 50/50 Poz cement retarded (to extend pumpability) cellophane flaked for fluid loss, Bentonite gel as an extender (increased pumpability and fluid loss), a defoaming agent to decrease cement foaming during mixing to insure the cement is of proper weight to placement and possibly gypsum gas blocking additive to aid in blocking/gas migration (in combination with other additive mentioned here, helps cement achieve a "right angle" set) during the plastic phase of the cement set-up.

25) Proposed borehole conditioning procedures:

Top holes will be drilled with fresh water KOP. At KOP, the wellbore will be loaded with synthetic oil based mud, barite-weighted mud system with such properties as to build a filter-cake on the face of the bore-hole. This will provide lubricity as well as stabilizing the well bore. We will begin rotating the drill string and mud will be circulated upon reaching TD until no further cuttings are observed coming across the shaker screens. Once clean mud is circulated back to surface, we will pull three stands of drill pipe, load the hole, pull three strands and load the hole. The weight indicator on the rig will be monitored for any occurrences of drag and if any are noticed, we will re-run the previous stand of pipe pulled across and circulate 2x bottoms up while watching shakers for signs of cuttings. Once at the base curve, the string will be continuously rotated while pumping 2x bottoms up. We will pull three stands and fill the hole until we reach the vertical section of the well.

*Note: Attach additional sheets as needed.



Click or tap to enter a date.

Alliance Petroleum Corp
4150 Belden Village Ave. NW Ste 410
Canton, OH 44718-2553

RE: Johnson TFP 40 Pad

Dear Sir/Madam,

Arsenal Resources has developed a Marcellus pad, Johnson TFP40, well #204, located in Taylor County, WV. As an owner or operator of conventional natural gas wells in this area, we are requesting your assistance in this matter.

Due to the apparent presence of unique geological conditions, the potential for communication between deep geologic zones exists in this area. This potential communication, via natural gas, water, or both, may occur between hydraulically fractured wells in the Marcellus formation (approximately 7,910 TVD) and existing conventional natural gas wells included in the attached well list for which you are believed to be the operator.

Arsenal Resources anticipates conducting hydraulic fracturing at the Johnson TFP40 pad, well #201, during the 4th Quarter of 2022. We have identified conventional natural gas wells operated by your company within 500' (lateral distance) of our newly planned wells. Plats for each well on this pad are attached.

We recommend that conventional well operators conduct the following activities before, during and after fracturing operations:

1. Inspect surface equipment, prior to fracturing, to establish integrity and establish well conditions.
2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas, or pressure.
3. Inspect or install master valves rated to 3,000 psi or other necessary equipment for wellhead integrity.
4. Notify the OOG and Arsenal Resources if any changes in water, gas production, pressure or other anomalies are identified.

Please feel free to contact me at 724-940-1218 with any questions or comments. You may also contact the WV Office of Oil and Gas at 304-926-0499.

Sincerely,

A handwritten signature in cursive script that reads 'R. Schweitzer'.

Ross Schweitzer
Sr. Director of Drilling, Construction & Permitting

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AOR - Attachment "B"



Purpose

The purpose of this pad-specific Hydraulic Fracturing Monitoring Plan is to identify and notify conventional well operators near Arsenal Resources hydraulic fracturing in Taylor County, WV prior to hydraulic fracturing at Johnson TFP40 and Well Number 201.

Due to the apparent presence of unique geological conditions, the potential for communication between deep geologic zones exists in this area. This potential communication, via natural gas, water, or both, may occur between hydraulically fractured wells in the Marcellus formation (approximately 7,910' TVD) and existing conventional natural gas wells in the partially-depleted, relatively high permeability Benson formations (approximately 4,900' TVD).

The plan is being implemented as an additional safety measure to be utilized in conjunction with best management practices and emergency action plans for this site. These additional measures include pre-notification of conventional well operators of the timing and location of the hydraulic fracturing, establishment of measures conventional well operators should implement, and assurance that the Division of Oil and Gas is notified of the timeline, as well as any issues that may arise during fracturing.

1. Communications with Conventional Operators.

Arsenal Resources, using available data (WV Geological Survey, WVDEP Website, and IHS data service), has identified all known conventional wells and well operators within 500 feet of this pad and the lateral sections. A map showing these wells along with a list of the wells and operators is included in Attachment A.

Upon approval of this plan, Arsenal Resources will notify these operators, via letter, of the hydraulic fracturing schedule for these wells. A copy of this letter is included in Attachment B.

The letter provides recommendations to these conventional operators to 1) increase their monitoring of their wells during that time period, 2) ensure that their well head equipment is sound, and 3) provide immediate notification to Arsenal Resources and the OOG in the event of any changes in their well conditions.

Specifically, the letter recommends that conventional well operators conduct the following activities during and after fracturing operations:

1. Inspect their surface equipment prior to fracturing to establish integrity and establish pre-frac well conditions.
2. Observe wells closely during and after fracturing and monitor for abnormal increases in water, gas or pressure.
3. Inspect or install master valves rated to 3,000 psi or other necessary equipment for wellhead integrity.
4. Notify the OOG and ARSENAL RESOURCES if any changes in water, gas production, pressure or other anomalies are identified.

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Area of Review Report - Johnson TFP40 Pad, 204 Lateral, Taylor, Barbour County, WV

Well Name	API Number	Operator Name / Address	Well Type	Latitude	Longitude	Total Depth	Perforated Formation(s)	Producing Zones not Perforated
Goodwin 2	091-00116	Diversified Production LLC	Existing	39.25858	-80.169849	4560	Benson	NA
Pepper 1 345-UF	091-00112	Diversified Production LLC	Existing	39.256221	-80.163191	4523	Benson	NA
Stewart 2	091-00110	Braxton Oil & Gas Corp.	Existing	39.244788	-80.160125	4715	Benson	NA
Crouse 2	001-03000	Petroleum Development Corp	Cancelled	39.239893	-80.157029	NA	NA	NA
Crouse 1	001-02356	Diversified Production LLC	Existing	39.237767	-80.155201	4612	Benson	NA
McDonald 1	001-00364	Diversified Production LLC	Existing	39.231646	-80.152703	4650	Benson	NA
Rosaltha Law Hrs 1	001-00314	Diversified Production LLC	Existing	39.219411	-80.146853	4624	Big Injun (Grnbr), Gantz, Riley, Benson	NA

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2. Reporting

Arsenal Resources will provide information relating to the hydraulic fracturing schedule, communication with conventional operators, and ongoing monitoring of the work upon request of OOG or immediately after any event of any noted abnormalities.

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ARSENAL
R E S O U R C E S

SITE SAFETY PLAN

JOHNSON TFP 40 WELL PAD #204

911 Address:

4006 Green Valley Rd

Bridgeport, WV 26330

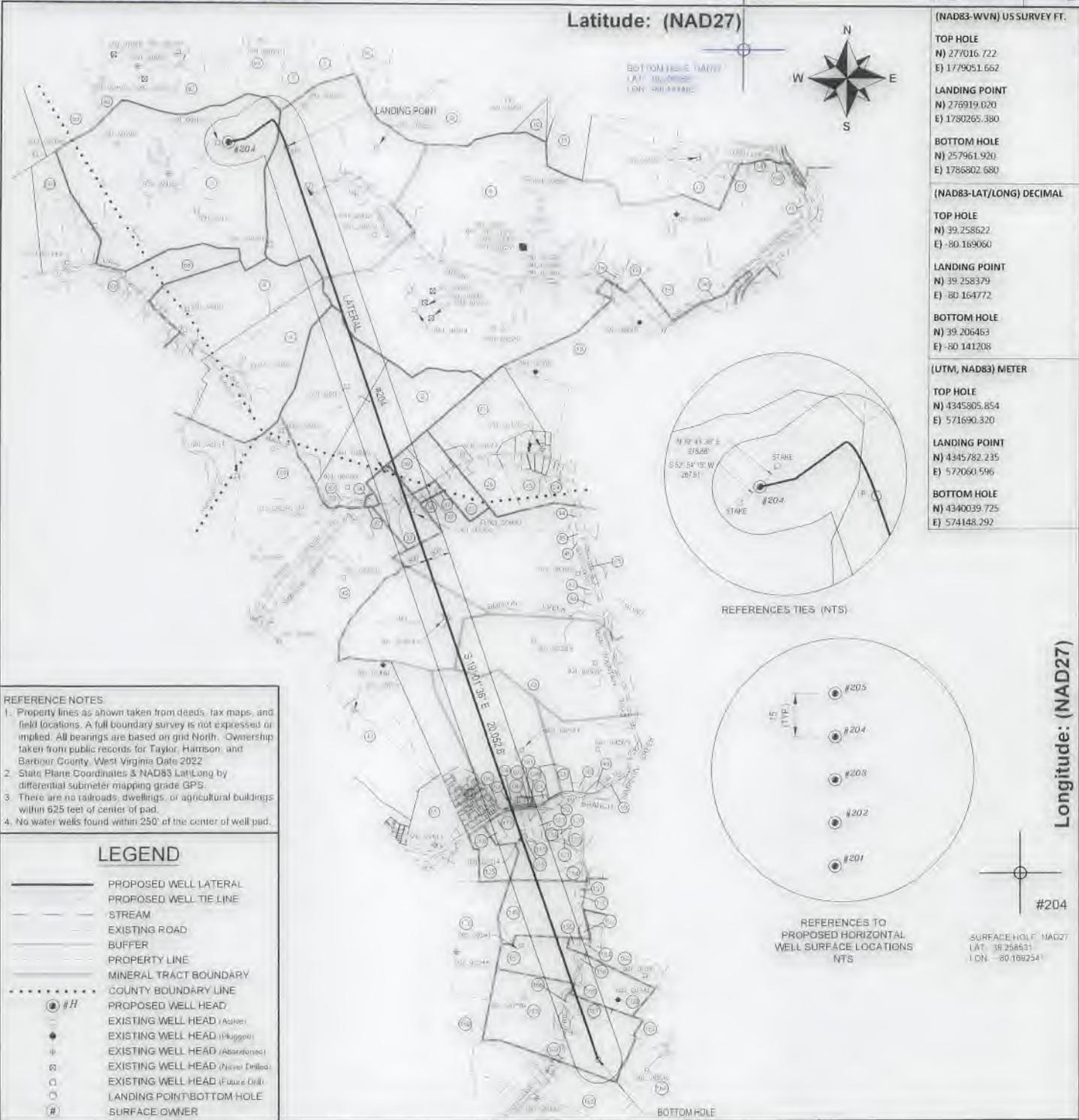
Ernest L. Reynolds
6-21-22

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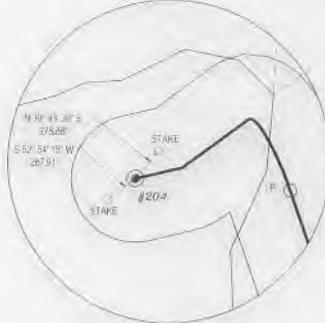
SURFACE HOLE SURVEYED 39° 17' 30" (NAD27)
 BOTTOM HOLE SURVEYED 39° 12' 30" (NAD27)

Latitude: (NAD27)

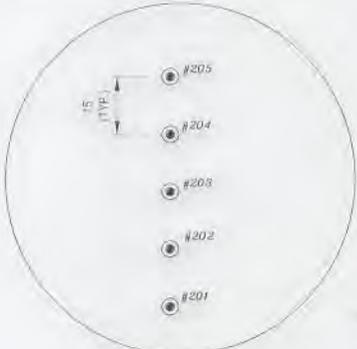
822' 4.719'



(NAD83-WVN) US SURVEY FT.	
TOP HOLE	N) 277016.722
	E) 1779051.652
LANDING POINT	N) 276919.020
	E) 1780265.380
BOTTOM HOLE	N) 257961.920
	E) 1786802.680
(NAD83-LAT/LONG) DECIMAL	
TOP HOLE	N) 39.258522
	E) -80.169060
LANDING POINT	N) 39.258379
	E) -80.164772
BOTTOM HOLE	N) 39.206463
	E) -80.141208
(UTM, NAD83) METER	
TOP HOLE	N) 4345805.854
	E) 571690.320
LANDING POINT	N) 4345782.235
	E) 572060.596
BOTTOM HOLE	N) 4340039.725
	E) 574148.292



REFERENCES TIES (NTS)



REFERENCES TO PROPOSED HORIZONTAL WELL SURFACE LOCATIONS NTS

SURFACE HOLE NAD27
 LAT. 38.258531
 LON. -80.169254

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 for Taylor, Harrison, and Barren 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

- 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

FILE#: 22078-001
 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, III*
 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: SEE WW-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: JUNE 28, 2022
 JOHNSON TFP-40
 OPERATOR'S WELL #: # 204
 API WELL #: 47 091 *MD 01369 HCA*
 STATE COUNTY PERMIT
 ELEVATION: 1,332.5
 QUADRANGLE: ROSEMONT, WV
 ACREAGE: 284 ±
 ACREAGE: 284 ±
 ESTIMATED DEPTH: TVD: 7,903.5' TMD: 28,423'
 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)

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	101	033	17-15-0351-0009-0000	JOHNSON RENEE
5	091	46-04-0011-0001-0000	CFS FARMS LIMITED LIABILITY CO	68	033	17-15-0351-0010-0000	JOHNSON RENEE
2	001	01-09-0009-0002-0000	STEWART FARM LLC	101			RIGHT-OF-WAY
30	091	46-04-0011-0002-0000	PROPS T PAUL	3	033	17-15-0351-0013-0000	GCSTREAM LLC
33	001	01-09-0009-0007-0000	CROUSE STEPHEN DALE & MICHAEL LYNN	4	033	17-15-0351-0012-0000	GCSTREAM LLC
43	001	01-09-0009-0023-0000	WOLFE LARRY, ROBERT WOLFE & STANLEY WOLFE ET UXES, HWS	99	091	46-04-0007-0009-0000	ERUM SHIRLEY A
62	001	01-09-012A-0107-0001	DARR WILLIAM	86	091	46-04-0007-0009-0000	CEQUEL II COMMUNICATIONS
196	001	01-09-0012-0022-0000	DOBBINS PATRICK JOHN & JOSEPH ALBERT II	97	091	46-04-0007-0027-0000	CEQUEL II COMMUNICATIONS
117	001	01-09-0012-0023-0000	REPPERT FUELS INC	96	091	46-04-0008-0021-0000	MILLARD CARLYLE G
116	001	01-09-0012-0021-0000	ZICKEFOOSE BARBARA A	6	091	46-04-0008-0022-0000	GRIPPIN JAMES S & ELAINE M
118	001	01-09-0012-0017-0000	MONTGOMERY MICHAEL J & BERTHA, HWS	7	091	46-04-0008-0023-0000	GRAY RANDALL & RITA
149	001	01-09-0012-0051-0000	WBL SPE II LLC	9	091	46-04-0008-0029-0000	COALQUEST DEVELOPMENT LLC
157	001	01-09-0012-0050-0002	KNAPP FRANCES C & JERREL F WS	8	091	46-04-0008-0035-0000	MARKS BETTY P
159	001	01-09-0012-0050-0001	STREETS BRENDA K ET ALS	10	091	46-04-0008-0105-0000	BLOSSER PATRICK B ETAL ROBERT C & CLINTON D & SURV
165	001	01-09-0012-0050-0004	MCCUNE CLAYTON & CHARLOTTE WS	11	091	46-04-0008-0081-0000	SIMMONS HUNTER
167	001	01-09-0022-0009-0000	STREETS FRANKLIN D & BRENDA (WROS)	12	091	46-04-0008-0083-0000	PRATT JANICE & CHARLENE MOORE & CURTIS & DAVID STEWART
166	001	01-09-0012-0050-0000	MARTIN ROBERT E	13	091	46-04-0008-0084-0000	PRATT JANICE & CHARLENE MOORE & CURTIS & DAVID STEWART
				198			RIGHT-OF-WAY
				14	051	46-04-0008-0090-0001	SINSEL FRANCES E
				199			RIGHT-OF-WAY
				15	091	46-04-0009-0037-0001	STATE ROUTE 76 E VETERANS MEMORIAL HWY
				16	091	46-04-0011-0019-0000	CRISS DAVID & CATHY & SURV
				17	091	46-04-0011-0017-0000	SALTIS STEVEN A & NICOLE J & SURV
				18	091	46-04-0011-0001-0001	BRONAU JOHN R & KATHLYN N & SURV
				19	091	46-04-0011-0017-0003	ANDERSON DANIEL & KAREN & SURV
				21	091	46-04-0011-0005-0005	SIMPSON JOHN E
				24	091	46-04-0011-0007-0005	BECKWITH LUMBER COMPANY
				25	091	46-04-0011-0006-0000	SANFORD RICHARD LEE & PAMELA & SURV
				26	091	46-04-0011-0005-0001	RAVIS THOMAS C
				27	091	46-04-0011-0003-0000	RAVIS THOMAS E
				39	001	01-09-0009-0001-0000	PROPS PAUL
				36	001	01-09-0009-0004-0000	STEWART FARM LLC
				34	001	01-09-0009-0006-0000	STEWART FARM LLC
				31	001	01-09-0009-0008-0000	STEWART FARM LLC
				90	001	01-09-0009-0008-0001	CLEAVENGER LEONARD D
				82			RIGHT-OF-WAY
				37	001	01-09-0009-0006-0002	COUNTY ROUTE 771 BARBOUR CORNER
				45	001	01-09-0009-0011-0000	CLEAVENGER LEONARD D
				46	001	01-09-0009-0012-0000	SALTIS STEVE JR & AMY HWS
				47	001	01-09-0009-0013-0000	SALTIS STEVE JR & AMY R HWS
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				48	001	01-09-0009-0022-0002	SEESE ROBERT & BRENDA HWS
				51	061	01-09-0009-0022-0003	WOLFE MICHAEL B
				42	001	01-09-0011-0001-0000	KRIZNER FRANK A & RENEE B HWS
				60			RIGHT-OF-WAY
				61	001	01-09-0012-0004-0000	POLINO ENTERPRISES INC
				63			RIGHT-OF-WAY
				49	001	01-09-0012-0004-0002	COUNTY ROUTE 1/6 BEAR MOUNTAIN ROAD
				50	001	01-09-0012-0014-0000	SWIGER ARGYLE C
				53	001	01-09-0012-0004-0003	GALLOWAY STATE ROUTE 76
				191	001	01-09-0012-0004-0004	KNOTTS TERRY & DONETTA
				107			RIGHT-OF-WAY
				113	001	01-09-0012-0018-0000	MOSESSO JOHN A TRUST
				115	001	01-09-0012-0020-0000	FARRIS VERNE & RUSSELL JOSEPH WROS
				200	001	01-09-0012-0024-0000	TINGLER RUSSELL J
				125	001	01-09-0012-0025-0000	COUNTY ROUTE 772 STILLHOUSE RUN ROAD
				85	001	01-09-0012-0027-0000	DOBBINS PATRICK JOHN & JOSEPH ALBERT II
				126	001	01-09-0012-0047-0000	DOBBINS PATRICK JOHN & JOSEPH ALBERT II
				154	001	01-09-0012-0050-0003	VUKOVICH ROBERT K & SHEILA WARE VUKOVICH & CAROL A SPEAR
				155	001	01-09-0012-0050-0005	VUKOVICH ROBERT K
				158	001	01-09-0012-0050-0007	WOLFE LARRY MICHAEL
				156	001	01-09-0012-0050-0008	SHAHAN OKY C
				152	001	01-09-0012-0051-0001	DELANEY JESSE PAUL
				150	001	01-09-0012-0051-0003	DELANEY JESSE PAUL & BRANDIE L HWS
				151	001	01-09-0012-0051-0005	MIKE ROSS & WAGO OIL & GAS CO
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				57	001	PLAN OF LOTS	CORDER WAYNE D & JEANETTE S HWS
				190	001	01-09-012A-0050-0000	BAKER AARON & MARKEE WS
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				192	001	01-09-012A-0055-0000	WARE SHIRLEY LIVING TRUST
				193	001	01-09-012A-0056-0000	CLEAVENGER PLATT
				119	001	01-09-012B-0043-0000	ELMOND MURELL (VE)
				120	001	01-09-012B-0044-0000	CRISS DAVID A
				121	001	01-09-012B-0045-0000	KITTLE FRANK G HRS ET AL
				122	001	01-09-012B-0046-0000	BARTLETT MICHAEL ALLEN SR
							FARRIS RAYMOND E JR
							FARRIS RAYMOND E JR & SHARON REED
							MAYLE FLO ANN
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 4. No water walls 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
● #H	PROPOSED WELL HEAD
○	EXISTING WELL HEAD (Asst)
●	EXISTING WELL HEAD (Hogpen)
⊗	EXISTING WELL HEAD (All-around)
⊗	EXISTING WELL HEAD (Never Filled)
□	EXISTING WELL HEAD (Future Only)
□	LANDING POINT/BOTTOM HOLE
#	SURFACE OWNER

FILE#: 22078-001
 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, III* 6-28-2022
 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: SEE WV-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: JUNE 28, 2022
 OPERATOR'S WELL #: JOHNSON TFP-40 # 204
 API WELL #: 47 091 *MD 01369 HGA*
 STATE COUNTY PERMIT

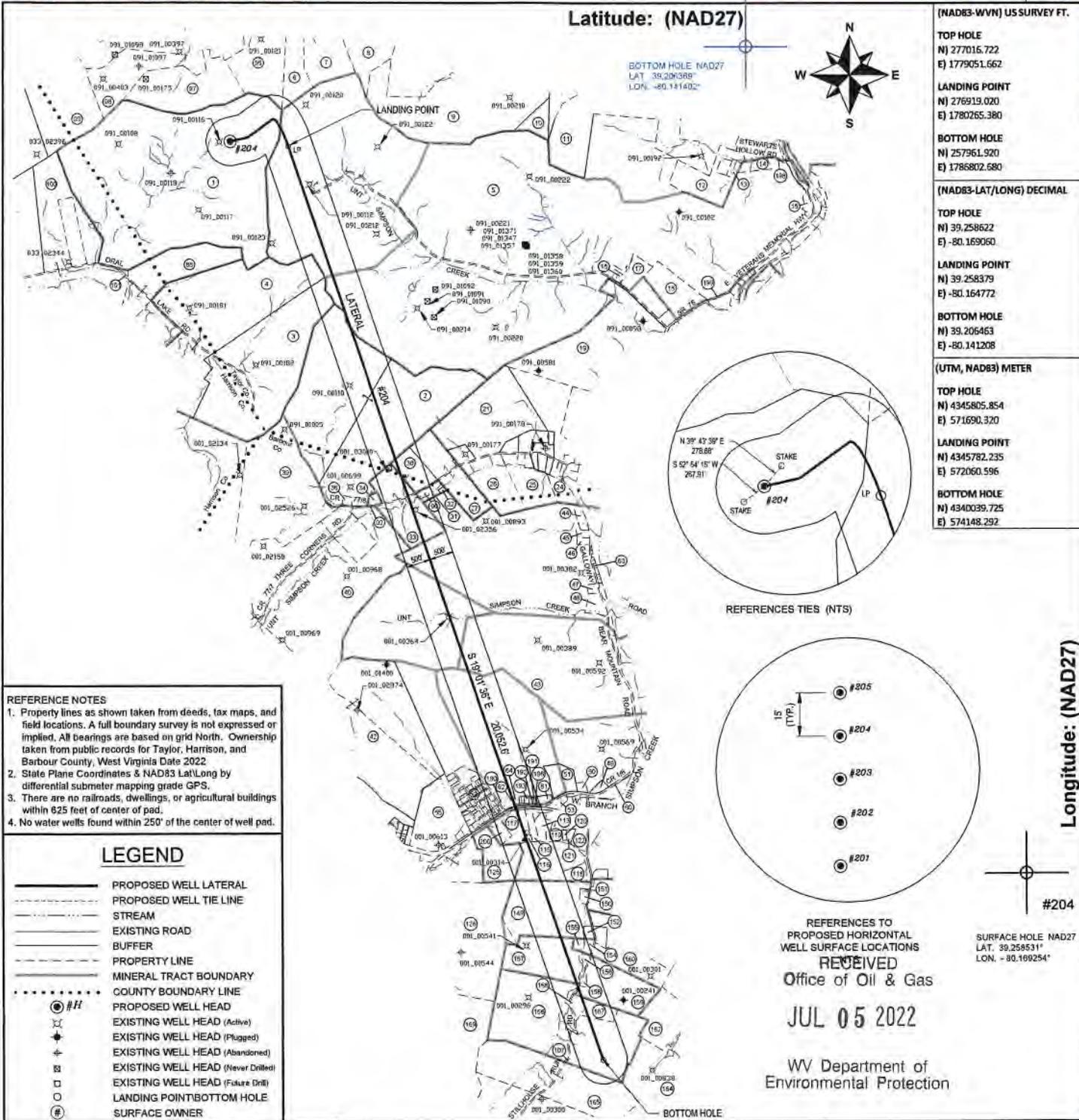
ELEVATION: 1,332.5
 QUADRANGLE: ROSEMONT, WV
 ACREAGE: 284 ±
 ACREAGE: 284 ±

ESTIMATED DEPTH: TVD: 7,903.5' TMD: 28.423'

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

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

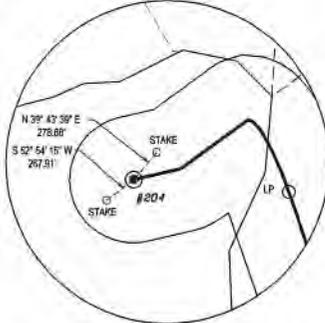
4,719' 822' 505' 12,063'



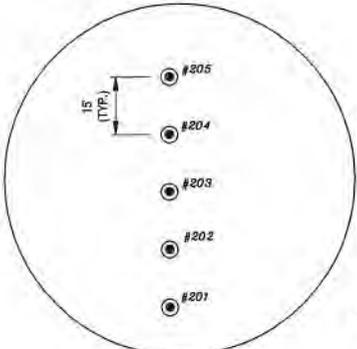
Latitude: (NAD27)

BOTTOM HOLE NAD27
 LAT 39.204388°
 LON -80.141402°

(NAD83-WVN) US SURVEY FT.	
TOP HOLE	N) 277016.722 E) 1779051.662
LANDING POINT	N) 276919.020 E) 1780265.380
BOTTOM HOLE	N) 257961.920 E) 1786802.680
(NAD83-LAT/LONG) DECIMAL	
TOP HOLE	N) 39.258622 E) -80.169060
LANDING POINT	N) 39.258379 E) -80.164772
BOTTOM HOLE	N) 39.206463 E) -80.141208
(UTM, NAD83) METER	
TOP HOLE	N) 4345805.854 E) 571690.320
LANDING POINT	N) 4345782.235 E) 572060.596
BOTTOM HOLE	N) 4340039.725 E) 574148.292



REFERENCES TIES (NTS)



REFERENCES TO PROPOSED HORIZONTAL WELL SURFACE LOCATIONS
RECEIVED
 Office of Oil & Gas
 JUL 05 2022

WV Department of Environmental Protection

Longitude: (NAD27)
 SURFACE HOLE NAD27
 LAT. 39.258531°
 LON. -80.169254°

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- - - 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

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 TICK SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/200
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 WVDEP
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 601 57TH STREET
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DATE: JUNE 28, 2022
 JOHNSON TFP-40
 OPERATOR'S WELL #: # 204
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 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow
 WATERSHED: SIMPSON CREEK
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ELEVATION: 1,332.5
 QUADRANGLE: ROSEMONT, WV
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- PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
- CLEAN OUT & REPLUG OTHER CHANGE SPECIFY: _____

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 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)

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
2	001	01-09-0009-0002-0000	STEWART FARM LLC
30	091	46-04-0011-0002-0000	PROPST PAUL
33	001	01-09-0009-0007-0000	CROUSE STEPHEN DALE & MICHAEL LYNN
43	001	01-09-0009-0022-0000	WOLFE LARRY, ROBERT WOLFE & STANLEY WOLFE ETUXES, HWS
62	001	01-09-012A-0107-0001	DARR WILLIAM
196	001	01-09-0012-0022-0000	DOBBINS PATRICK JOHN & JOSEPH ALBERT II
117	001	01-09-0012-0023-0000	REPPERT FUELS INC
116	001	01-09-0012-0021-0000	ZICKEFOOSE BARBARA A
118	001	01-09-0012-0017-0000	MONTGOMERY MICHAEL J & BERTHA, HWS
149	001	01-09-0012-0051-0000	WBL SPE II LLC
157	001	01-09-0012-0050-0002	KNAPP FRANCES C & JERREL F WS
159	001	01-09-0012-0050-0001	STREETS BRENDA K ET ALS
168	001	01-09-0012-0050-0004	MCCUNE CLAYTON & CHARLOTTE WS
167	001	01-09-0022-0009-0000	STREETS FRANKLIN D & BRENDA (WROS)
166	001	01-09-0012-0050-0000	MARTIN ROBERT E

ID#	DEP#	PARCEL NUMBER	OWNER NAME
100	033	17-15-0351-0009-0000	JOHNSON RENEE
86	033	17-15-0351-0010-0000	JOHNSON RENEE
101		RIGHT-OF-WAY	COUNTY ROUTE 17 ORAL LAKE ROAD
3	033	17-15-0351-0013-0000	GCSTREAM LLC
4	033	17-15-0351-0012-0000	GCSTREAM LLC
99	091	46-04-0007-0008-0000	FRUM SHIRLEY A
96	091	46-04-0007-0009-0000	CEQUEL III COMMUNICATIONS
97	091	46-04-0007-0027-0000	CEQUEL III COMMUNICATIONS
96	091	46-04-0008-0021-0000	MILLARD CARLYLE G
6	091	46-04-0008-0023-0000	GRIPPIN JAMES S & ELAINE M
7	091	46-04-0008-0023-0000	GRAY RANDALL & RITA
9	091	46-04-0008-0029-0000	COALQUEST DEVELOPMENT LLC
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13	091	46-04-0008-0084-0000	PRATT JANICE & CHARLENE MOORE & CURTIS & DAVID STEWART
198		RIGHT-OF-WAY	COUNTY ROUTE 3/10 STEWARTS HOLLOW ROAD
14	091	46-04-0008-0080-0001	SINSEL FRANCES E
199		RIGHT-OF-WAY	STATE ROUTE 76 E. VETERANS MEMORIAL HWY.
15	091	46-04-0009-0037-0001	CRISS DAVID & CATHY & SURV
16	091	46-04-0011-0019-0000	SALTS STEVEN A & NICOLE J & SURV
17	091	46-04-0011-0017-0000	GRONAU JOHN R & KAITLYN N & SURV
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90	001	01-09-0009-0008-0001	CLEAVENGER LEONARD D
92		RIGHT-OF-WAY	COUNTY ROUTE 77/1 BARBOUR CORNER
32	001	01-09-0009-0008-0002	CLEAVENGER LEONARD D
45	001	01-09-0009-0011-0000	SALTIS STEVE JR & AMY HWS
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JUL 05 2022

WV Department of
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———	BUFFER
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-----	MINERAL TRACT BOUNDARY
.....	COUNTY BOUNDARY LINE
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□	EXISTING WELL HEAD (Future Drill)
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⊙	SURFACE OWNER

FILE#: 22078-001  
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OFFICE OF OIL & GAS  
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API WELL #: 47 091 01369 H6A  
STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
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SURFACE OWNER: RENEE JOHNSON  
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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: 7,903.5' TMD: 28,423'  
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

**Attachment to WW-6A1, Johnson 204**

Letter Designation/Number Designation on Plat	Grantor, Lessor, Assignor, etc.	Grantee, Lessee, Assignee, etc.	Royalty	Book/Page	Acreage
<p align="center">1 (00006031)</p> <p>RECEIVED Office of Oil &amp; Gas JUL 05 2022</p>	<p>BLANCH WATSON(WIDOW) DEZZIE BUTTS &amp; TERRY H BUTTS(HER HUSBAND) DULCIE STARKEY(WIDOW) MARTHA ROBERTS(WIDOW) GAIL WILSON(WIDOW) MARY BARTLETT(WIDOW) JAMES BARTLETT &amp; ELSA BARTLETT(HIS WIFE) ERNESTINE WHITE &amp; JOHN WHITE(HER HUSBAND) LEOMA CHANDLER(WIDOW) AND ELLENOR WHITMAN &amp; PAUL WHITMAN (HER HUSBAND)</p>	Union Drilling Inc	12.50%	32/220 and 1030/412	284
	Union Drilling Inc	Equitable Resources Exploration		1189/1209	
	Equitable Resources Exploration	Equitable Resources Energy Co		1199/642	
	Equitable Resources Energy Co	Enervest East LMTD Partnership		22/181	
	Enervest East LMTD Partnership	The Houston Exploration Co		1359/820	
	The Houston Exploration Co	Seneca Upshur Petroleum Inc		1367/1084	
	Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum LLC		1467/119	
<p align="center">2 (00008235)</p>	John F Stewart	Petro-Lewis Corporation	12.50%	33/250 and 75/154	200
	Petro-Lewis Corporation	Partnership Properties Co		77/226	
	Partnership Properties Co	Eastern American Energy Corporation		95/112	
	Eastern American Energy Corporation	Energy Corporation of America		438/429	
	Energy Corporation of America	Greylock Production LLC		178/401	
	Greylock Production, LLC	Mar Key, LLC		179/96	
	<p align="center">5 (00005213)</p>	Chester Sinsel and Frances Sinsel his wife	Union Drilling Inc	12.50%	35/488
Union Drilling Inc		Equitable Resources Exploration		9/427	
Equitable Resources Exploration		Equitable Resources Energy		10/079	
Equitable Resources Energy Co		Enervest East LP		250/359	
Enervest East LP		The Houston Exploration Co		27/99	
The Houston Exploration Co		Seneca Upshur Petroleum Inc		27/426	
Seneca-Upshur Petroleum, Inc.		Seneca-Upshur Petroleum LLC		447/129	

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5 (00006028)	A Brooks Fleming and Winnie Fleming his wife and Georgia L Fleming, widow	Union Drilling Inc AND Allerton Miller	12.50%	33/79	890
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration		9/427	
	Equitable Resources Exploration	Equitable Resources Energy		10/079	
	Equitable Resources Energy Co	Enervest East LP		250/359	
	Enervest East LP	The Houston Exploration Co		27/99	
	The Houston Exploration Co	Seneca Upshur Petroleum Inc		27/426	
	Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum LLC		447/129	
30 (00008900)	Paul Propst	Mar Key, LLC	13.00%	70/280	34.71
33 (00003816)	Orlan and Dora Crouse Jr and Helen Galigand and Jeffrey and Lesa Burton	Petroleum Development Corp	12.50%	110/525	30.5
	Petroleum Development Corporation	PDC Mountaineer, LLC		1440/364	
	PDC Mountaineer, LLC	River Ridge Energy, LLC		59/1263	
43 P/O (00005950)	Lillian Wilson Post	Cumberland and Allegheny Gas Company	12.50%	40/242	400
	Cumberland and Allegheny Gas Company	Union Drilling Inc AND Allerton Miller		46/347	
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy		328/127	
	Equitable Resources Energy Co	Fuel Resources Production & Development		116/81	
	Fuel Resources Production & Development	The Houston Exploration Co		383/187	
	The Houston Exploration Co	Seneca Upshur Petroleum Inc		404/381	
	Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum LLC		447/129	
43 P/O (00005929)	Virginia C McDonald	Allerton Miller & Union Drilling Inc	12.50%	47/443	114
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy		328/171	
	Equitable Resources Energy Co	Fuel Resources Production & Development		116/81	

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	Fuel Resources Production & Development	The Houston Exploration Co		383/187	
	The Houston Exploration Co	Seneca Upshur Petroleum Inc		404/381	
	Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum LLC		447/129	
43 P/O, 62, 196 (00005958)	Virginia C McDonald	Union Drilling Inc AND Allerton Miller	12.50%	67/397	111
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy		328/127	
	Equitable Resources Energy Co	ENERVEST EAST LIMITED PARTNERSHP		129/524	
	ENERVEST EAST LIMITED PARTNERSHP	The Houston Exploration Co.		443/001	
	The Houston Exploration Co	Seneca Upshur Petroleum Inc		447/523	
	Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum LLC		447/129	
43 P/O (00005894)	Virginia C McDonald	Union Drilling Inc AND Allerton Miller	12.50%	47/434	177
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy		328/171	
	Equitable Resources Energy Co	Fuel Resources Production & Development		116/81	
	Fuel Resources Production & Development	The Houston Exploration Co		383/187	
	The Houston Exploration Co	Seneca Upshur Petroleum Inc		404/381	
	Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum LLC		447/129	
90 (00007948)	Leonard D and Donna Cleavenger	Mar Key, LLC	15.00%	178/167	3
117, 116, 118 (00005895)	GEORGE C LAW SINGLE, GUY M LAW AND LURA M LAW, HIS WIFE EDISON O LAW AND BETSY LAW, HIS WIFE; ZELLA W BOND AND B R BOND, HER HUSBAND, THORNE A HELMICK SINGLE; ORIS L HELMICK AND WANDA HELMICK, HIS WIFE	Cumberland and Allegheny Gas Company	12.5	40/240	313

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	Cumberland and Allegheny Gas Company	Union Drilling Inc AND Allerton Miller		46/347	
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy		328/127	
	Equitable Resources Energy Co	Enervest East Limited Partnership		129/524	
	ENERVEST EAST LIMITED PARTNERSHP	The Houston Exploration Co		138/001	
	The Houston Exploration Co	Seneca Upshur Petroleum Inc		404/381	
	Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum LLC		447/129	
149 (00005696)	MABEL CLEAVENGER	Cumberland and Allegheny Gas Company	12.5	46/405	100
	Cumberland and Allegheny Gas Company	Union Drilling Inc AND Allerton Miller		46/347	
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy		328/171	
	Equitable Resources Energy Co	Fuel Resources Production & Development		116/81	
	Equitable Resources Energy Co	Enervest East Limited Partnership		129/524	
	Enervest East Limited Partnership	The Houston Exploration Company		138/1	
	Fuel Resources Production & Development	The Houston Exploration Company		136/162	
	The Houston Exploration Company	Seneca-Upshur Petroleum LLC		447/523	
	Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum LLC		447/129	
157, 159 (00005909)	CHARLES BANISH AND BONNIE BANISH, HIS WIFE	Cumberland and Allegheny Gas Company	12.5	46/401	55
	Cumberland and Allegheny Gas Company	Union Drilling Inc AND Allerton Miller		46/347	
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy		328/171	
	Equitable Resources Energy Co	Fuel Resources Production & Development		116/81	

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	Equitable Resources Energy Co	Enervest East Limited Partnership		129/524	
	Fuel Resources Production & Development	The Houston Exploration Company		136/162	
	Enervest East Limited Partnership	The Houston Exploration Company		138/1	
	The Houston Exploration Company	Seneca-Upshur Petroleum LLC		139/48	
	Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum LLC		447/129	
166, 168 (00005722)	WILLIAM B SMITH AND CLARA SMITH, HIS WIFE	Union Drilling Inc AND Allerton Miller	12.5	47/449	102
	Allerton Miller	Union Drilling Inc		98/11	
	Union Drilling Inc	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy		328/171	
	Equitable Resources Energy Co	Fuel Resources Production & Development		116/81	
	Equitable Resources Energy Co	Enervest East Limited Partnership		129/524	
	Fuel Resources Production & Development	The Houston Exploration Company		136/162	
	Enervest East Limited Partnership	The Houston Exploration Company		138/1	
	The Houston Exploration Company	Seneca-Upshur Petroleum LLC		139/48	
	Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum LLC		447/129	

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**JUL 05 2022**  
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Stansberry, Wade A <wade.a.stansberry@wv.gov>

**Modification Horizontal H6A Well Work Permits API: (47-091-01369 & 47-091-01370)**

1 message

**Stansberry, Wade A** <wade.a.stansberry@wv.gov>

Tue, Jul 26, 2022 at 9:02 AM

To: Dboyer@arsenalresources.com, Ross Schweitzer <rschweitzer@arsenalresources.com>, "Greynolds, Kenneth L" <kenneth.l.greynolds@wv.gov>, C Kinsey <ckinsey@wvassessor.com>

I have attached a copy of the newly issued well permit numbers:

- 47-091-01369 - JOHNSON TFP-40 204**
- 47-091-01370 - JOHNSON TFP-40 205**

These will serve as your copy.

Thank you,

**Wade A. Stansberry**

**Environmental Resource Specialist 3**

**West Virginia Department of Environmental Protection**

**Office of Oil & Gas**

**601 57th St. SE**

**Charleston, WV 25304**

**(304) 926-0499 ext. 41115**

**(304) 926-0452 fax**

**[Wade.A.Stansberry@wv.gov](mailto:Wade.A.Stansberry@wv.gov)**

**5 attachments**

- 47-091-01369 - mod.pdf**  
1805K
- 6-Johnson TFP 40 204 SSP - Signed.pdf**  
3435K
- 47-091-01370 - mod.pdf**  
1761K
- 6-Johnson TFP 40 205 SSP-Signed.pdf**  
3311K
- IR-26 Blank.pdf**  
169K