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west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://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-40 205  
47-091-01370-00-00

**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, Chief, is written over a circular stamp. The signature is cursive and stylized. The stamp is partially obscured by the signature.

James A. Martin  
Chief

Operator's Well Number: JOHNSON TFP-40 205  
Farm Name: RENEE JOHNSON  
U.S. WELL NUMBER: 47-091-01370-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 7/25/2022

Promoting a healthy environment.



People Powered. Asset Strong.

CK#0000118976  
6/23/22  
AMT \$5,150.00

June 30, 2022

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

**RE: Johnson TFP 40 205, API# 47-091-01370 – Expedited Modification due to well extension and spacing changes**

Dear Laura,

Enclosed please find the modification for the Johnson TFP 40 205, (API# 47-091-01370). This permit is being modified due to adjusting the wellbore spacing and moving it approximately 200 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 26,187 feet. The modification request is to increase the total measured depth to 28,840.6 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 40 205      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

10) Proposed Total Measured Depth: 28,840.6 ft

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11) Proposed Horizontal Leg Length: 20,065 ft

12) Approximate Fresh Water Strata Depths: 38', 40', 49', 362', 670'

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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', Harteri-368.5', Bakerstown-477.5', Bush 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: \_\_\_\_\_

18)

**CASING AND TUBING PROGRAM**

<u>TYPE</u>	<u>Size (in)</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft. (lb/ft)</u>	<u>FOOTAGE: For Drilling (ft)</u>	<u>INTERVALS: Left in Well (ft)</u>	<u>CEMENT: Fill-up (Cu. Ft.)/CTS</u>
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	28,840	28,840	TOC @ 1,950
Tubing							
Liners							

*Samuel L. Reynolds 6-21-22*

<u>TYPE</u>	<u>Size (in)</u>	<u>Wellbore Diameter (in)</u>	<u>Wall Thickness (in)</u>	<u>Burst Pressure (psi)</u>	<u>Anticipated Max. Internal Pressure (psi)</u>	<u>Cement Type</u>	<u>Cement Yield (cu. ft./k)</u>
Conductor	24	36			0	Class A, 3% CaCl2	1.2
Fresh Water	13.375	17.5	0.38	2,730	900	Class A, 3% CaCl2	1.2
Coal							
Intermediate	9.625	12.25	0.395	3,950	1,500	Class A, 3% CaCl2	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	RECEIVED Office of Oil & Gas	

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**PACKERS**

Kind:				
Sizes:				
Depths Set:				

**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

4709101370

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

Postmark  
Here  
7/21/22

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

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

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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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Sent To  
Cequel III Communications II LLC  
Street: 520 Maryville Centre Drive, Suite 300  
City, State: St Louis, MO 63141

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

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Total Postage and Fees	11.75

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

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

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

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

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

Postmark  
Here  
7/21/22

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

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

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 with then continue to drill an 8- 3/4" hole to a designed KOP. We will then 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.



## 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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## 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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**Area of Review Report - \_\_Johnson TFP40\_\_\_\_ Pad, \_\_205\_\_ 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
Sinsel 2 / 361-UF	091-00120	Diversified Production LLC	Existing	39.260762	-80.163512	4767	Big Injun (Grnbr), Godon, Riley, Benson	NA
Sinsel 5 / 1634	091-00122	Diversified Production LLC	Existing	39.253475	-80.158192	4722	Big Injun (Grnbr), Riley, Riley, Benson	NA
Sinsel 3 / 363-UF	091-00212	Diversified Production LLC	Existing	39.258398	-80.158194	4790	Fifth, Riley, Benson	NA
Sinsel 2 / 1645	091-00214	Diversified Production LLC	Existing	39.249223	-80.155206	4765	Big Injun (Grnbr), Riley, Riley, Benson	NA
CFS Farms LLC/Coalquest 14A	091-01091	CDX Gas, LLC	Cancelled	39.249368	-80.15446	NA	NA	NA
CFS Farms LLC/Coalquest 14	091-01090	CDX Gas, LLC	Cancelled	39.248498	-80.1539	NA	NA	NA
Tomblyn 1	091-00177	Braxton Oil & Gas Corp	Existing	39.240961	-80.151564	4529	Big Injun (Grnbr, Riley, Riley, Benson, Benson)	NA
Post 6 / 411-CH	001-00893	Diversified Production LLC	Existing	39.23714	-80.150006	4950	Riley, Benson	NA
McDonald 1 / 172-CH	001-00389	Diversified Production LLC	Existing	39.230358	-80.14153	4788	Riley, Benson	NA
Rosaltha Law 2	001-00563	Diversified Production LLC	Existing	39.218516	-80.141191	4521	Riley, Benson	NA
Coalquest 8A	001-02827	Wolf Run Mining LLC	Existing	39.21355	-80.139345	808	Lower Kittanning Coal	NA
Coalquest 9	001-02828	Wolf Run Mining LLC	Existing	39.212825	-80.1386	938	Lower Kittanning Coal	NA
Charles Banish 1	001-00301	Diversified Production LLC	Existing	39.211292	-80.137767	4740	Riley, Benson	NA
Richard G Smith 1	001-00241	EQT Production Company	Existing	39.209901	-80.139753	4791	Big Injun (Grnbr), Riley, Benson	NA
Coalquest 10	001-02830	Wolf Run Mining LLC	Existing	39.213405	-80.140277	826	Lower Kittanning Coal	NA
Coalquest 8	001-02829	Wolf Run Mining LLC	Existing	39.214275	-80.1386	915	Lower Kittanning Coal	NA



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 4<sup>th</sup> 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,

*R. Schweitzer*

Ross Schweitzer  
Sr. Director of Drilling, Construction & Permitting

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AOR - Attachment "B"



**ARSENAL**  
R E S O U R C E S

## **SITE SAFETY PLAN**

### **JOHNSON TFP 40 WELL PAD #205**

**911 Address:**

4006 Green Valley Rd

Bridgeport, WV 26330

*Ernest L. Reynolds*  
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SURFACE HOLE SURVEYED 39° 17' 30" (NAD27)  
 BOTTOM HOLE SURVEYED 39° 12' 30" (NAD27)

Latitude: (NAD27)

Longitude: (NAD27)

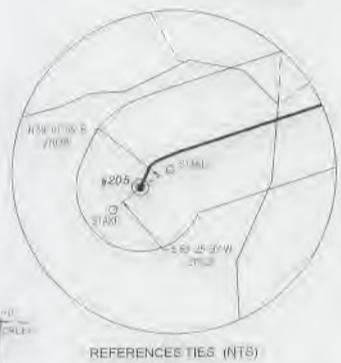
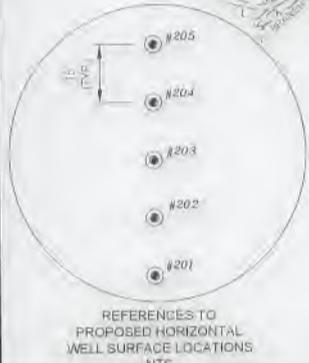


**REFERENCE NOTES**

- 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**

	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 (Fugitive)
	EXISTING WELL HEAD (Abandoned)
	EXISTING WELL HEAD (Newly Drilled)
	EXISTING WELL HEAD (Future DWH)
	LANDING POINT/BOTTOM HOLE
	SURFACE OWNER



SURFACE HOLE (NAD27) #205  
 LAT: 39.255572  
 LONG: -80.192254

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* 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



DATE: JUNE 28, 2022  
 JOHNSON TFP-40  
 OPERATOR'S WELL #: # 205  
 API WELL #: 47 091 01376461  
 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: 7,903.5' TMD: 28,840.6'

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)

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	100	033	17-15-0351-0028-0000	JOHNSON RENEE
5	091	46-04-0011-0001-0000	CFS FARMS LIMITED LIABILITY CO	84	033	17-15-0351-0010-0000	JOHNSON RENEE
2	001	01-09-0009-0002-0000	STEWART FARM LLC	101			RIGHT-OF-WAY
21	091	46-04-0011-0005-0005	BECKWITH LUMBER COMPANY	3	091	17-15-0351-0013-0000	GCSTREAM LLC
28	091	46-04-0011-0005-0003	SEESE BRENDA KAY & JOANN V SMITH & SURV	4	091	17-15-0351-0012-0000	GCSTREAM LLC
26	091	46-04-0011-0005-0001	RAVIS THOMAS E	99	091	46-04-0007-0008-0000	FRUM SHIRLEY A
27	091	46-04-0011-0003-0000	PROPST PAUL	38	091	46-04-0007-0009-0000	CEQUEL III COMMUNICATIONS
43	001	01-09-0009-0022-0000	WOLFE LARRY, ROBERT WOLFE & STANLEY WOLFE ET UXES, HWS	37	091	46-04-0007-0027-0000	CEQUEL III COMMUNICATIONS
51	001	01-09-0009-0022-0003	KRIZNER FRANK A & RENEE B HWS	96	091	46-04-0006-0021-0000	MILLARD CARLYLE G
197	001	01-09-0012-0013-0002	FARRIS VERNIE L/E THEN RAYMOND E FARRIS	6	091	46-04-0008-0022-0000	GRIPPIN JAMES S & ELAINE M
55	001	01-09-0012-0015-0000	TR MT VERNON BAP CHURCH	7	091	46-04-0008-0023-0000	GRAY RANDALL & RITA
56	001	01-09-0012-0012-0000	BOARD OF EDUCATION	8	091	46-04-0008-0035-0000	MARKS BETTY P
37	001	01-09-0012-0013-0000	FARRIS VERNIE L/E	9	091	46-04-0008-0029-0000	COALQUEST DEVELOPMENT LLC
102	001	01-09-012B-0046-0002	HILL MARK ALLEN & DEBRA K	10	091	46-04-0008-0105-0000	BLOSSER PATRICK B ETAL ROBERT C & CLINTON D & SURV
103	001	01-09-012B-0046-0003	MILLER ASHLEY	11	091	46-04-0009-0021-0000	SIMMONS HUNTER
58	001	01-09-0012-0010-0000	VUKOVICH ROBERT K & SHELIA MARIE VUKOVICH & CAROL A SPEAR	12	091	46-04-0008-0063-0000	PRATT JANICE & CHARLENE MOORE & CURTIS & DAVID STEWART
104	001	01-09-0012-0052-0000	MONTGOMERY BRADFORD EUGENE & GEORGIA, HWS	13	091	46-04-0008-0084-0000	PRATT JANICE & CHARLENE MOORE & CURTIS & DAVID STEWART
106	001	01-09-0012-0051-0002	BECKWITH LUMBER CO	14	091	46-04-0008-0090-0001	SINSEL FRANCES E
108	001	01-09-0012-0052-0001	MARTIN ROBERT E	198			RIGHT-OF-WAY
160	001	01-09-0012-0054-0000	MARTIN ROBERT E	15	091	46-04-0009-0037-0001	CRISS DAVID & CATHY & SURV
159	001	01-09-0012-0050-0001	STREETS BRENDA K ET ALS	199			RIGHT-OF-WAY
162	001	01-09-0012-0055-0000	CORDER WAYNE D & JEANETTE S, HWS	16	091	46-04-0011-0019-0000	STATE ROUTE 76 E VETERANS MEMORIAL HWY
				17	091	46-04-0011-0017-0000	SALTIS STEVEN A & NICOLE J & SURV
				18	091	46-04-0011-0011-0001	GRONAU JOHN R & KATHLYN N & SURV
				19	091	46-04-0011-0017-0003	ANDERSON DANIEL & KAREN & SURV
				20	091	46-04-0011-0009-0000	SIMPSON JOHN E
				23	091	46-04-0011-0008-0000	WATKINS DOUGLAS R & ANNA M & SURV
				22	091	46-04-0011-0005-0006	ASTOR CEMETERY
				24	091	46-04-0011-0007-0005	SMITH ROBIN M
				25	091	46-04-0011-0006-0000	SANFORD RICHARD L/E & PAMELA & SURV
				94	091	46-04-0011-0005-0000	RAVIS THOMAS E
				29	091	46-04-0011-0004-0000	SWICK DEARL J
				30	091	46-04-0011-0002-0000	SEESE BRENDA K & SMITH JOANN V & SURV
				31	001	01-09-0009-0008-0000	PROPST PAUL
				32	001	01-09-0009-0008-0002	CLEAVINGER LEONARD D
				33	001	01-09-0009-0007-0000	CLEAVINGER LEONARD D
				34	001	01-09-0009-0006-0000	CRUSE STEPHEN DALE & MICHAEL LYNN
				35	001	01-09-0009-0004-0000	STEWART FARM LLC
				36	001	01-09-0009-0001-0000	STEWART FARM LLC
				40	001	01-09-0009-0020-0000	SEESE ROBERT & BRENDA HWS
				44	001	01-09-0009-0017-0001	MADDIX MICHAEL R & JUDITH I
				45	001	01-09-0009-0011-0000	SALTIS STEVE JR & AMY HWS
				46	001	01-09-0009-0012-0000	SALTIS STEVE JR & AMY R HWS
				47	001	01-09-0009-0013-0000	MURPHY GEORGE H JR & TAMELA J HWS
				48	001	01-09-0009-0022-0002	WOLFE MICHAEL B
				80			RIGHT-OF-WAY
				83			RIGHT-OF-WAY
				49	001	01-09-0012-0004-0002	COUNTY ROUTE 176 BEAR MOUNTAIN ROAD
				50	001	01-09-0012-0014-0000	GALLOWAY STATE ROUTE 76
				61	001	01-09-0012-0004-0000	KNOTTS TERRY & DOMETTA
				191	001	01-09-0012-0004-0004	MOSESSO JOHN A TRUST
				192	001	01-09-012A-0095-0000	SWIGER ARGYLE C
				193	001	01-09-012A-0096-0000	TINGLER RUSSEL J
				64	001	01-09-012A-0091 thru 94 & 107	KITTLE FRANK G HRS ET AL
				62	001	01-09-012A-0107-0001	BARTLETT MICHAEL ALLEN SR
				190	001	01-09-012A-0090-0000	CRISS DAVID A
				52	001	PLAN OF LOTS	DARR WILLIAM
				85	001	01-09-0012-0027-0000	ELMOND MUREL L (L/E)
				42	001	01-09-0011-0001-0000	CLEAVINGER PLATT
				53	001	01-09-0012-0004-0003	WOLFE LARRY MICHAEL
				54	001	01-09-0012-0013-0001	POLINO ENTERPRISES INC
				57	001	01-09-0012-0011-0000	FARRIS VERNIE & RUSSELL JOSEPH WROS
				58	001	01-09-0012-0004-0005	FARRIS VERNIE L/E RUSSELL J & HOMER J FARRIS WS
				111	001	PLAN OF LOTS	HENLINE EDWARD
				110	001	01-09-0012-0008-0000	NEWMAN JERRY & JENNIFER WROS
				109	001	01-09-0012-0006-0001	BEAR MOUNTAIN SUBDIVISION NO 1
				188	001	01-09-0012-0056-0000	GOFF ROBERT H III & TINA M HWS
				191	001	01-09-0012-0054-0001	MYER JON E SR & ANTHONY (WS)
				183			MCCAULEY RONALD D
				164	001	01-09-0022-0007-0000	MCCAULEY RONALD D
				165	001	01-09-0022-0009-0000	RIGHT-OF-WAY
				167	001	01-09-0022-0009-0000	COUNTY ROUTE 1771 CAMP RUN ROAD
				168	001	01-09-0012-0050-0004	WARE SHIRLEY LIVING TRUST
				107			MARTIN ROBERT E
				158	001	01-09-0012-0050-0007	STREETS FRANK W D & BRENDA (WROS)
				153	001	01-09-0012-0053-0000	MCGILNE CLAYTON & CHARLOTTE WS
				105	001	01-09-0012-0051-0004	COUNTY ROUTE 702 STILLHOUSE RUN ROAD
							MIKE ROSS & WACO OIL & GAS CO
							MARTIN ROBERT E
							MONTGOMERY GEORGIA

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 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 (Flagged)
- ⊢ EXISTING WELL HEAD (Abandoned)
- ⊣ EXISTING WELL HEAD (Never Drilled)
- ⊤ EXISTING WELL HEAD (Flare-Off)
- ⊥ 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

JOHNSON TFP-40  
 OPERATOR'S WELL #: # 205

API WELL #: 47 091 01370  
 STATE COUNTY PERMIT

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

ESTIMATED DEPTH: TVD: 7,903.5' TMD: 28,840.6'

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)

Latitude: (NAD27)

BOTTOM HOLE NAD27  
 LAT. 39.207510°  
 LON. -80.137011°

(NAD83-WVN) US SURVEY FT.

TOP HOLE  
 N) 277031.722  
 E) 1779051.662  
 LANDING POINT  
 N) 277336.930  
 E) 1781507.600  
 BOTTOM HOLE  
 N) 258398.570  
 E) 1788050.020

(NAD83-LAT/LONG) DECIMAL

TOP HOLE  
 N) 39.258663  
 E) -80.169081  
 LANDING POINT  
 N) 39.259552  
 E) -80.160396  
 BOTTOM HOLE  
 N) 39.207604  
 E) -80.136816

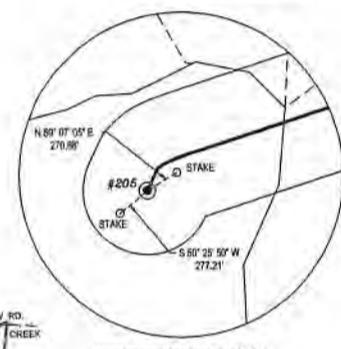
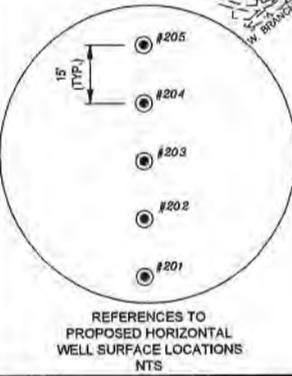
(UTM, NAD83) METER

TOP HOLE  
 N) 4345810.424  
 E) 571690.244  
 LANDING POINT  
 N) 4345915.858  
 E) 572436.944  
 BOTTOM HOLE  
 N) 4340169.931  
 E) 574526.258

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**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



SURFACE HOLE NAD27 #205  
 LAT. 39.258572°  
 LON. -80.169254°

RECEIVED  
 Office of Oil & Gas  
**JUL 05 2022**  
 WV Department of  
 Environmental Protection

FILE#: 22078-001  
 SHEET#: 1 of 2  
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 TARGET FORMATION: MARCELLUS  
 WELL OPERATOR: ARSENAL RESOURCES  
 ADDRESS: 6031 WALLACE ROAD EXTENSION # 300  
 CITY: WEXFORD STATE: PA ZIP: 15090



DATE: JUNE 28, 2022  
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 API WELL #: 47 091 01370 H6A  
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 ELEVATION: 1,332.5'  
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 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  
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 CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_  
 ESTIMATED DEPTH: TVD: 7,903.5' TMD: 28,840.6'  
 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)

Longitude: (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	100	033	17-15-0351-0009-0000	JOHNSON RENEE
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160	001	01-09-0012-0054-0000	MARTIN ROBERT E	15	091	46-04-0009-0037-0001	CRISS DAVID & CATHY & SURV
159	001	01-09-0012-0050-0001	STREETS BRENDA K ET ALS	159		RIGHT-OF-WAY	STATE ROUTE 76 E. VETERANS MEMORIAL HWY.
162	001	01-09-0012-0055-0000	CORDER WAYNE D & JEANETTE S, HWS	16	091	46-04-0011-0019-0000	SALTIS STEVEN A & NICOLE J & SURV

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.....	COUNTY BOUNDARY LINE
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⊖	EXISTING WELL HEAD (Abandoned)
⊗	EXISTING WELL HEAD (Never Drilled)
□	EXISTING WELL HEAD (Future Drill)
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⊙	SURFACE OWNER

FILE#: 22078-001  
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 JOHNSON TFP-40  
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API WELL #: 47 091 01310  
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 Gas  Liquid Injection  Storage  Shallow  
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 COUNTY / DISTRICT: TAYLOR CO. FLEMINGTON DISTRICT  
 SURFACE OWNER: RENEE JOHNSON  
 OIL & GAS ROYALTY OWNER: SEE WW-6A1

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

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 CLEAN OUT & REPLUG  OTHER CHANGE SPECIFY: \_\_\_\_\_

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 7,903.5' TMD: 28,840.6'  
 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 205**

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 align="center"><i>RECEIVED Office of Oil &amp; Gas JUL 05 2022</i></p>	<p align="center">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) LEONA 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		447/129	
<p align="center">5 P/O (00005213)</p>	<p align="center">Chester Sinsel and Frances Sinsel his wife</p>	Union Drilling Inc AND Allerton Miller	12.50%	35/488	1,080
	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		16/637 also 447/129	
<p align="center">5 P/O (00006028)</p>	<p align="center">A Brooks Fleming and Winnie Fleming his wife and Georgia L Fleming, widow</p>	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	

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	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	
2 (00008235)	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	
21, 28, 26 (00008265)	Ethel A Tomblin single and Bessie T Knight widow	Petro-Lewis Corporation	12.50%	33/254	94
	Petro-Lewis Corporation	Partnership Properties Co		3/176	
	Partnership Properties Co	Eastern American Energy Corporation		4/381	
	Eastern American Energy Corporation	Energy Corporation of America		16/488	
	Energy Corporation of America	Greylock Production LLC		36/618	
	Greylock Production LLC	Mar Key, LLC		37/8	
27 (00008900)	Paul Propst	Mar Key, LLC	13.00%	70/280	34.71
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	

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	The Houston Exploration Co	Seneca Upshur Petroleum Inc		404/381	
	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	
	Equitable Resources Energy Co	Enervest East Limited Partnership		129/524	
	Enervest East Limited Partnership	The Houston Exploration Co		138/1	
	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	
51, 197, 55, 56, 37, 102, 103, 58, 104 (00005895)	George C Law; Guy W and Lara M Law; Edison O and Betsy Law; Zella and BR Bond; Thomas A Helmick; Oris and Wanda Helmick	Cumberland and Allegheny Gas Company	12.50%	40/240	313
	Cumberland and Allegheny Gas Company	Union Drilling Inc		46/347	
	Union Drilling Inc	Equitable Resources Exploration		325/219	
	Equitable Resources Exploration	Equitable Resources Energy Comp		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 Co		138/1	
	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	

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106 (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	
108, 160 00008912	TRIPLE L Land and Minerals	Mar Key, LLC	12.5	PENDING	90.75
159 158 00005909	Charles Banish & 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	
	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		139/48	

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	Seneca-Upshur Petroleum, Inc.	Seneca-Upshur Petroleum LLC		447/129	
162 (00007998)	Wayne Dale Corder	Mar Key, LLC	15	178/315	26

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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