

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-091-01374 County Taylor District Flemington
Quad Rosemont Pad Name Fiber TFP 22 Field/Pool Name _____
Farm name CFS Farms LLC Well Number Fiber TFP 22 204
Operator (as registered with the OOG) Arsenal Resources
Address 6031 Wallace Rd Ext, Ste 101 City Wexford State PA Zip 15090

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4345186.424 Easting 573586.719
Landing Point of Curve Northing 4345308.43 Easting 574271.67
Bottom Hole Northing 4340218.13 Easting 576137.20

Elevation (ft) 1240.5 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s) Synthetic Oil Based

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APR 24 2024
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Date permit issued 11/29/2022 Date drilling commenced 12/14/2022 Date drilling ceased 03/19/2023
Date completion activities began 10/11/2023 Date completion activities ceased 02/06/2024
Verbal plugging (Y/N) N Date permission granted NA Granted by NA

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft none reported Open mine(s) (Y/N) depths N
Salt water depth(s) ft none reported Void(s) encountered (Y/N) depths N
Coal depth(s) ft none reported Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

APPROVED

Reviewed by:

11/08/2024

API 47-091 - 01373

Farm name CFS Farms LLC

Well number Fiber TFP 22 204

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	30"	24"	120'	New	102.7	NA	Y
Surface	17 1/2"	13 3/8"	303' GL	New	54.5	NA	Y
Coal	NA	NA	NA	NA	NA	NA	N
Intermediate 1	12 1/4"	9 5/8"	1,521' GL	New	40.0	NA	Y
Intermediate 2	NA	NA	NA	NA	NA	NA	NA
Intermediate 3	NA	NA	NA	NA	NA	NA	NA
Production	8 1/2"	5 1/2"	26,478' GL	New	20.0	NA	Y
Tubing	NA	NA	NA	NA	NA	NA	NA
Packer type and depth set		NA					

Comment Details Cement to surface on Conductor, Surface, and Intermediate. Top of production cement at surface 1,440'(GL)ft. TD on lease ~100' MD due to kickout

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	A	260	15.60	1.20	312	Surface	8+
Surface	L	430	15.60	1.15	494.5	Surface	8+
Coal	NA	NA	NA	NA	NA	NA	NA
Intermediate 1	L	565	15.60	1.14	644.1	Surface	8+
Intermediate 2	NA	NA	NA	NA	NA	NA	NA
Intermediate 3	NA	NA	NA	NA	NA	NA	NA
Production	A	1120/3980	14.0/14.5	1.38/1.22	1,545/4855.6	1,460' GL	8+
Tubing	NA	NA	NA	NA	NA	NA	NA

Drillers TD (ft) 26,509'(GL)

Loggers TD (ft) NA

Deepest formation penetrated Marcellus

Plug back to (ft) NA

Plug back procedure NA

Kick off depth (ft) 6,300'(GL)

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Check all wireline logs run

- caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No

Conventional Sidewall

Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING 24"- No centralizers, 13 3/8" & 9 5/8"- one bow spring centralizer on every other joint, 5 1/2" - one semi rigid centralizer on every joint from TD of well to end of curve. Then every other joint to KOP. Every third joint from KOP to 1,400'; there will be no centralizers from 2,000' to surface

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS Stages and perforations

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS NA

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED NA

11/08/2024

API 47- 091 - 01373 Farm name CFS Farms LLC Well number Fiber TFP 22 204

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
Marcellus Shale	<u>7671 - 7575</u> TVD	<u>8359 - 26,457</u> MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 15678 mcfpd Oil 0 bpd NGL 0 bpd Water 456 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
Sand/Silt/Shale	0	7430	0	7896	Sandstone, Siltstone, Coal, Shale
Burket	7430	7447	7896	7919	Shale
Tully	7447	7499	7919	7991	Limestone
Mahantango	7499	7661	7991	8299	Shale
Marcellus	7661	7718	8299	8537	Shale
Lower Marcellus	7718	7575	8537	26,509	Shale

Please insert additional pages as applicable.

Drilling Contractor Patterson
Address 10713 West Sam Houston Parkway N., Suite 800 City Houston State TX Zip 77064

Logging Company NA
Address _____ City _____ State _____ Zip _____

Cementing Company Halliburton
Address 4999 E Pointe Dr City Zanesville State OH Zip 43701

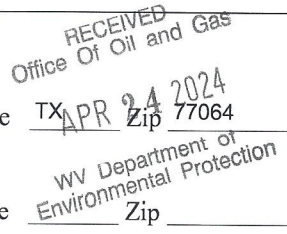
Stimulating Company Stingray - Mammoth Energy Services INC
Address 14201 Caliber Drive Suite 300 City 14201 Caliber Drive Suite 300 State OK Zip 73134

Please insert additional pages as applicable.

Completed by Arsenal Resources Telephone 724-940-1100
Signature [Signature] Title Director of Geology & Dev Planning Date 4/22/2024

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

11/08/2024



Well Header
 Well Name: Fiber TFP22 204 API/UWI: 4709101374 Lease: Pad Name: Fiber TFP22 Operator: Arsenal Resources Well Type: Well Subtype:
 Orig KB Elev (ft): 1,266.00 Water Depth (ft): 110.00 Lic Date: Spud Date: 3/4/2023 RR Date: 3/19/2023
 County: Taylor District: FLEMINGTON Division Code: UTM E (m):
 Datum: Latitude (°): 39° 15' 10.499" N Longitude (°): 80° 8' 50.376" W UTM N (m):
 Jobs
 Job Cat: Completion/Workover Job Type: Initial Completion Start Date: 8/31/2023 End Date:

Perforations Date	Top (ftKB)	Btm (ftKB)	Entered Shot Total	Zone
11/1/2023	8,359.00	8,521.00	40	Marcellus
11/1/2023	8,559.00	8,721.00	40	Marcellus
10/31/2023	8,759.00	8,921.00	40	Marcellus
10/31/2023	8,959.00	9,121.00	40	Marcellus
10/31/2023	9,159.00	9,321.00	40	Marcellus
10/31/2023	9,359.00	9,521.00	40	Marcellus
10/31/2023	9,559.00	9,721.00	40	Marcellus
10/30/2023	9,759.00	9,921.00	40	Marcellus
10/30/2023	9,959.00	10,121.00	40	Marcellus
10/30/2023	10,159.00	10,321.00	40	Marcellus
10/30/2023	10,359.00	10,521.00	40	Marcellus
10/30/2023	10,559.00	10,721.00	40	Marcellus
10/29/2023	10,759.00	10,921.00	40	Marcellus
10/29/2023	10,959.00	11,121.00	40	Marcellus
10/29/2023	11,159.00	11,321.00	40	Marcellus
10/29/2023	11,359.00	11,521.00	40	Marcellus
10/28/2023	11,559.00	11,721.00	40	Marcellus
10/28/2023	11,759.00	11,921.00	40	Marcellus
10/28/2023	11,959.00	12,121.00	40	Marcellus
10/28/2023	12,159.00	12,321.00	40	Marcellus
10/27/2023	12,359.00	12,521.00	40	Marcellus
10/27/2023	12,559.00	12,721.00	40	Marcellus
10/27/2023	12,759.00	12,921.00	40	Marcellus
10/27/2023	12,959.00	13,121.00	40	Marcellus
10/27/2023	13,159.00	13,321.00	40	Marcellus
10/26/2023	13,359.00	13,521.00	40	Marcellus
10/26/2023	13,559.00	13,721.00	40	Marcellus
10/26/2023	13,759.00	13,921.00	40	Marcellus
10/26/2023	13,959.00	14,121.00	40	Marcellus
10/26/2023	14,159.00	14,321.00	40	Marcellus
10/25/2023	14,359.00	14,521.00	40	Marcellus
10/25/2023	14,559.00	14,721.00	40	Marcellus
10/25/2023	14,759.00	14,921.00	40	Marcellus
10/25/2023	14,959.00	15,121.00	40	Marcellus
10/24/2023	15,159.00	15,321.00	40	Marcellus
10/24/2023	15,359.00	15,521.00	40	Marcellus
10/24/2023	15,559.00	15,721.00	40	Marcellus
10/24/2023	15,759.00	15,921.00	40	Marcellus
10/24/2023	15,959.00	16,121.00	40	Marcellus
10/23/2023	16,159.00	16,321.00	40	Marcellus
10/23/2023	16,359.00	16,521.00	40	Marcellus
10/23/2023	16,559.00	16,721.00	40	Marcellus
10/23/2023	16,759.00	16,921.00	40	Marcellus
10/23/2023	16,959.00	17,121.00	40	Marcellus
10/22/2023	17,159.00	17,321.00	40	Marcellus
10/22/2023	17,359.00	17,521.00	40	Marcellus
10/22/2023	17,559.00	17,721.00	40	Marcellus
10/22/2023	17,759.00	17,921.00	40	Marcellus
10/21/2023	17,959.00	18,121.00	40	Marcellus
10/21/2023	18,159.00	18,321.00	40	Marcellus
10/21/2023	18,359.00	18,521.00	40	Marcellus
10/21/2023	18,559.00	18,721.00	40	Marcellus
10/20/2023	18,759.00	18,921.00	40	Marcellus
10/20/2023	18,959.00	19,121.00	40	Marcellus
10/20/2023	19,159.00	19,321.00	40	Marcellus
10/20/2023	19,359.00	19,521.00	40	Marcellus
10/19/2023	19,559.00	19,721.00	40	Marcellus
10/19/2023	19,759.00	19,921.00	40	Marcellus
10/19/2023	19,959.00	20,121.00	40	Marcellus
10/19/2023	20,159.00	20,321.00	40	Marcellus
10/18/2023	20,359.00	20,521.00	40	Marcellus
10/18/2023	20,559.00	20,723.00	40	Marcellus
10/18/2023	20,759.00	20,921.00	40	Marcellus
10/18/2023	20,959.00	21,121.00	40	Marcellus
10/17/2023	21,159.00	21,321.00	40	Marcellus
10/17/2023	21,359.00	21,521.00	40	Marcellus
10/17/2023	21,559.00	21,721.00	40	Marcellus
10/17/2023	21,759.00	21,918.00	40	Marcellus
10/16/2023	21,959.00	22,121.00	40	Marcellus
10/16/2023	22,159.00	22,323.00	40	Marcellus
10/16/2023	22,358.00	22,521.00	40	Marcellus
10/16/2023	22,559.00	22,721.00	40	Marcellus
10/16/2023	22,762.00	22,921.00	40	Marcellus
10/15/2023	22,959.00	23,121.00	40	Marcellus
10/15/2023	23,161.00	23,321.00	40	Marcellus
10/15/2023	23,359.00	23,521.00	40	Marcellus
10/15/2023	23,559.00	23,721.00	40	Marcellus
10/14/2023	23,759.00	23,921.00	40	Marcellus
10/14/2023	23,959.00	24,121.00	40	Marcellus
10/14/2023	24,159.00	24,321.00	40	Marcellus
10/14/2023	24,359.00	24,521.00	40	Marcellus
10/13/2023	24,559.00	24,721.00	40	Marcellus
10/13/2023	24,759.00	24,921.00	40	Marcellus
10/13/2023	24,959.00	25,121.00	40	Marcellus
10/13/2023	25,159.00	25,321.00	40	Marcellus
10/12/2023	25,359.00	25,521.00	40	Marcellus
10/12/2023	25,559.00	25,721.00	40	Marcellus
10/12/2023	25,759.00	25,921.00	40	Marcellus
10/12/2023	25,959.00	26,121.00	40	Marcellus
10/11/2023	26,159.00	26,321.00	40	Marcellus
9/8/2023	26,359.00	26,457.00	30	Marcellus

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Stimulations Summary
 Start Date: 10/11/2023
 Stimulation Intervals

Interval Number	Start Date	Slurry Rate Avg (bbl/min)	P Treat Avg (psi)	P Breakdown (psi)	ISIP (psi)	Proppant Total OR (lb)	Vol Clean Total (bbl)
1	10/11/2023	83.30	9,789.00	10,839.00	4,922.00	252,800.00	6,924.00
2	10/11/2023	82.90	9,404.00	7,017.00	5,140.00	500,260.00	9,854.00
3	10/12/2023	81.90	8,928.00	6,401.00	5,964.00	500,090.00	9,892.00
4	10/12/2023	83.40	9,478.00	7,062.00	5,750.00	500,720.00	9,793.00
5	10/12/2023	83.30	9,195.00	6,847.00	5,152.00	500,412.00	9,838.00
6	10/12/2023	82.10	9,076.00	6,605.00	5,780.00	500,600.00	9,872.00
7	10/13/2023	79.90	9,402.00	7,663.00	6,406.00	504,040.00	9,320.00
8	10/13/2023	82.70	9,608.00	7,813.00	5,203.00	502,720.00	9,275.00
9	10/13/2023	83.60	9,475.00	6,417.00	6,149.00	503,650.00	9,392.00
10	10/13/2023	80.20	9,435.00	7,229.00	6,266.00	500,240.00	9,278.00
11	10/14/2023	79.90	9,393.00	7,322.00	6,330.00	507,320.00	9,293.00
12	10/14/2023	82.90	9,579.00	7,949.00	5,963.00	443,640.00	9,093.00
13	10/14/2023	81.40	9,174.00	7,376.00	6,202.00	500,340.00	9,709.00
14	10/15/2023	82.70	9,940.00	7,735.00	5,131.00	500,500.00	12,262.00
15	10/15/2023	84.00	9,319.00	7,190.00	5,812.00	504,160.00	9,576.00
16	10/15/2023	83.90	9,396.00	6,733.00	5,419.00	499,480.00	9,982.00
17	10/15/2023	83.40	9,501.00	7,283.00	6,106.00	500,760.00	9,783.00
18	10/15/2023	83.50	9,700.00	7,902.00	5,527.00	500,340.00	9,693.00
19	10/16/2023	82.10	9,452.00	7,723.00	5,562.00	502,780.00	9,694.00
20	10/16/2023	82.60	9,477.00	7,313.00	6,084.00	507,120.00	9,575.00
21	10/16/2023	83.70	9,624.00	7,533.00	5,904.00	504,260.00	9,528.00
22	10/16/2023	82.20	9,285.00	7,579.00	5,614.00	500,460.00	9,625.00
23	10/17/2023	82.90	9,439.00	7,459.00	5,667.00	500,320.00	9,617.00
24	10/17/2023	83.50	9,381.00	6,723.00	6,075.00	504,180.00	9,843.00
25	10/17/2023	82.80	9,476.00	7,313.00	6,480.00	502,600.00	9,746.00
26	10/17/2023	83.70	9,657.00	7,533.00	6,514.00	500,600.00	9,420.00
27	10/17/2023	75.60	9,809.00	7,813.00	6,150.00	433,160.00	10,000.00
28	10/18/2023	83.40	9,654.00	8,117.00	6,347.00	505,640.00	9,779.00
29	10/18/2023	83.30	9,688.00	7,693.00	5,906.00	500,420.00	9,554.00
30	10/18/2023	82.70	9,600.00	7,701.00	6,664.00	500,840.00	9,743.00
31	10/19/2023	82.70	9,365.00	7,534.00	6,519.00	501,760.00	9,691.00
32	10/19/2023	83.20	9,270.00	7,148.00	6,017.00	504,280.00	9,723.00
33	10/19/2023	82.80	9,026.00	6,874.00	6,346.00	500,020.00	9,848.00
34	10/19/2023	82.20	9,262.00	7,309.00	5,563.00	500,840.00	9,618.00
35	10/19/2023	82.40	9,294.00	7,827.00	5,406.00	500,960.00	9,613.00
36	10/20/2023	83.80	9,207.00	6,756.00	5,341.00	502,480.00	9,499.00
37	10/20/2023	82.60	9,329.00	7,400.00	5,812.00	499,420.00	9,377.00
38	10/20/2023	82.50	9,392.00	7,417.00	5,410.00	501,280.00	9,567.00
39	10/20/2023	83.40	9,253.00	7,332.00	5,865.00	500,400.00	9,571.00
40	10/21/2023	82.60	9,192.00	7,552.00	6,519.00	502,980.00	9,587.00
41	10/21/2023	83.10	9,316.00	7,561.00	5,261.00	502,440.00	9,491.00
42	10/21/2023	83.80	8,931.00	7,214.00	5,990.00	501,400.00	9,335.00
43	10/21/2023	83.00	9,112.00	7,449.00	5,264.00	500,100.00	9,594.00
44	10/22/2023	82.40	9,185.00	7,641.00	5,722.00	498,420.00	9,986.00
45	10/22/2023	83.80	8,620.00	7,449.00	6,473.00	500,620.00	9,339.00
46	10/22/2023	82.00	9,028.00	7,936.00	5,402.00	500,880.00	9,336.00
47	10/22/2023	82.90	9,114.00	7,347.00	6,037.00	500,780.00	9,418.00
48	10/23/2023	82.90	9,200.00	7,220.00	6,025.00	500,300.00	9,432.00
49	10/23/2023	83.40	9,244.00	6,929.00	6,225.00	501,840.00	10,605.00
50	10/23/2023	83.00	8,651.00	7,502.00	6,145.00	502,480.00	9,382.00
51	10/23/2023	82.30	9,302.00	7,382.00	5,244.00	500,740.00	10,859.00
52	10/23/2023	83.10	8,749.00	7,258.00	5,446.00	500,340.00	9,444.00
53	10/24/2023	82.80	9,053.00	7,140.00	5,482.00	504,620.00	9,491.00
54	10/24/2023	83.60	8,835.00	7,003.00	5,312.00	501,140.00	9,263.00
55	10/24/2023	83.40	8,670.00	7,310.00	5,748.00	501,140.00	9,313.00
56	10/24/2023	83.00	8,787.00	7,496.00	5,585.00	500,140.00	9,446.00
57	10/25/2023	82.70	8,710.00	7,582.00	5,343.00	500,360.00	9,412.00
58	10/25/2023	83.30	8,571.00	7,313.00	5,648.00	500,280.00	9,208.00
59	10/25/2023	82.60	8,878.00	7,862.00	5,686.00	500,220.00	9,021.00
60	10/25/2023	83.30	8,949.00	7,791.00	6,340.00	500,220.00	9,279.00
61	10/25/2023	82.50	9,083.00	7,969.00	5,545.00	500,420.00	9,271.00
62	10/26/2023	82.30	8,800.00	7,492.00	5,765.00	500,400.00	9,278.00
63	10/26/2023	82.70	8,978.00	7,609.00	5,678.00	500,020.00	9,088.00
64	10/26/2023	82.80	8,717.00	7,459.00	6,912.00	500,360.00	9,017.00
65	10/26/2023	83.60	8,481.00	7,134.00	5,637.00	501,360.00	9,330.00
66	10/26/2023	83.30	8,746.00	7,495.00	5,471.00	500,880.00	10,569.00
67	10/27/2023	83.20	8,439.00	6,823.00	5,080.00	500,060.00	9,162.00
68	10/27/2023	83.10	8,325.00	6,738.00	5,662.00	500,040.00	9,040.00
69	10/27/2023	82.90	8,484.00	7,323.00	5,307.00	500,480.00	9,268.00
70	10/27/2023	83.30	8,389.00	6,920.00	5,360.00	500,200.00	9,452.00
71	10/28/2023	83.30	8,539.00	6,762.00	5,361.00	500,500.00	9,488.00
72	10/28/2023	82.60	8,791.00	7,819.00	5,388.00	500,580.00	9,120.00
73	10/28/2023	83.40	8,586.00	7,321.00	6,243.00	500,020.00	9,238.00
74	10/28/2023	82.50	8,711.00	8,194.00	5,334.00	500,220.00	9,182.00
75	10/29/2023	82.30	8,292.00	7,467.00	5,820.00	500,900.00	9,245.00
76	10/29/2023	82.80	8,081.00	6,407.00	6,070.00	500,380.00	9,278.00
77	10/29/2023	88.80	8,507.00	7,706.00	5,295.00	500,360.00	9,149.00
78	10/29/2023	87.10	8,366.00	7,458.00	5,305.00	500,380.00	9,100.00
79	10/30/2023	87.20	8,193.00	7,362.00	5,833.00	500,460.00	9,033.00
80	10/30/2023	83.20	8,271.00	7,288.00	5,542.00	500,440.00	9,056.00
81	10/30/2023	78.40	8,235.00	7,641.00	5,355.00	500,320.00	8,937.00
82	10/30/2023	83.20	8,011.00	6,839.00	6,108.00	500,080.00	9,004.00
83	10/30/2023	82.70	7,967.00	7,426.00	4,882.00	500,640.00	8,935.00
84	10/31/2023	82.80	7,823.00	7,009.00	5,029.00	500,380.00	8,980.00
85	10/31/2023	83.40	7,882.00	7,159.00	5,348.00	500,020.00	9,022.00
86	10/31/2023	83.60	7,951.00	7,378.00	5,320.00	500,160.00	8,911.00
87	10/31/2023	82.80	7,477.00	7,477.00	5,608.00	500,400.00	8,923.00
88	10/31/2023	82.90	8,009.00	7,352.00	5,543.00	500,400.00	8,914.00
89	11/1/2023	83.20	7,805.00	7,008.00	5,424.00	500,580.00	8,939.00
90	11/1/2023	89.20	8,025.00	7,817.00	5,343.00	500,040.00	8,951.00
91	11/1/2023	88.40	8,149.00	8,467.00	5,564.00	510,760.00	8,931.00

RECEIVED
 Office of Oil and Gas
 APR 4 2024
 Wyo Department of
 Environmental Protection

WR-36
Rev. 5/08

Date: 4/22/2024
Operators Well Number: Fiber TFP22 204
API Well No: 47-091 - 01374

**State of West Virginia
Department of Environmental Protection
Office of Oil and Gas**

Well Operator's Report of
Initial Gas-Oil Ratio

Well Operator Arsenal Resources LLC
Address 6031 Wallace Road Ext. Suite 101
Wexford, PA 15090

Designated Agent Eric Morris
Address 633 West Main Street
Bridgeport, WV 26330

Geological Target Formation: Marcellus Depth 8299' feet
Perforation Interval 8359 - 26457' feet

Guidelines for testing:

1. A minimum of gas vented or flared.
2. A 24 hour pre-flow into pipelines or tanks.
3. Uniform producing rate during the 24 hour test per test period.
4. Measurement standards as for Form WR-39, "Report of Annual Production" (see 35CSR4-15)
5. Separate Form WR-36 for each producing formation in a multiple completion.

TEST DATA


Start of Test Date 2/5/24	Time 5:00 AM	End of Test Date 2/6/24	Time 6:00 AM	Duration of Test 24 Hrs
Tubing Pressure NA	Casing Pressure 1325	Separator Pressure 332	Separator Temperature 66	
Oil Production During Test BBLs	Gas Production During Test MCF	Water Production During Test BBLs -Salinity		
Oil Gravity AP	Producing Method (flowing, pumping, gas lift etc.) Flowing			

GAS PRODUCTION

Measurement Method Flange Tap <input checked="" type="checkbox"/> Pipe Tap <input type="checkbox"/> L-10 <input type="checkbox"/>		Positive Choke <input type="checkbox"/>
		Positive flow prover <input checked="" type="checkbox"/>
Orifice diameter	Pipe Diameter (inside)	Nominal Choke Size inches 48/64"
Differential Pressure range	Max. Static pressure range	Prover and Orifice diameter - inches 4.026" run with 3.0" orifice
Differential 159 psi		Static
Gas Gravity (Air = 1.0) Measured	Flowing Temperature 66	Gas Temperature 107
Estimated		
24 Hour Coefficient	24 Hour coefficient pressure PSIA	

TEST RESULTS

Daily Oil 0	Daily Water 456 BBLs	Daily Gas 15678 MCF	Gas-Oil Ratio NA
-----------------------	--------------------------------	-------------------------------	----------------------------

Arsenal Resources LLC
 BY  Well Operator
 ITS: Director of Geology and Development Planning

RECEIVED
Office of Oil and Gas

APR 24 2024

11/08/2024

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

9,899' 6,426'

Latitude: (NAD27)

(NAD83-WVN) US SURVEY FT.

TOP HOLE
 N) 274880.697
 E) 1785240.624

LANDING POINT
 N) 275347.580 N) 275243.609
 E) 1787484.340 E) 1787494.84

BOTTOM HOLE
 N) 258514.920 N) 258438.92
 E) 1793290.210 E) 1793338.71

(NAD83-LAT/LONG) DECIMAL

TOP HOLE
 N) 39.252883
 E) -80.147150

LANDING POINT
 N) 39.254209 N) 39.253924
 E) -80.139239 E) -80.139199

BOTTOM HOLE
 N) 39.208106 N) 39.207899
 E) -80.118327 E) -80.118154

(UTM, NAD83 ZONE 17) METER

TOP HOLE
 N) 4345186.424
 E) 573586.719

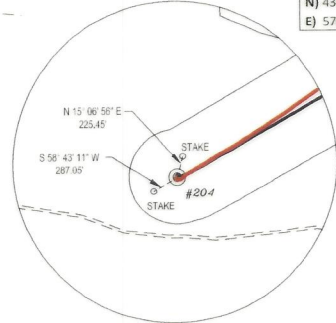
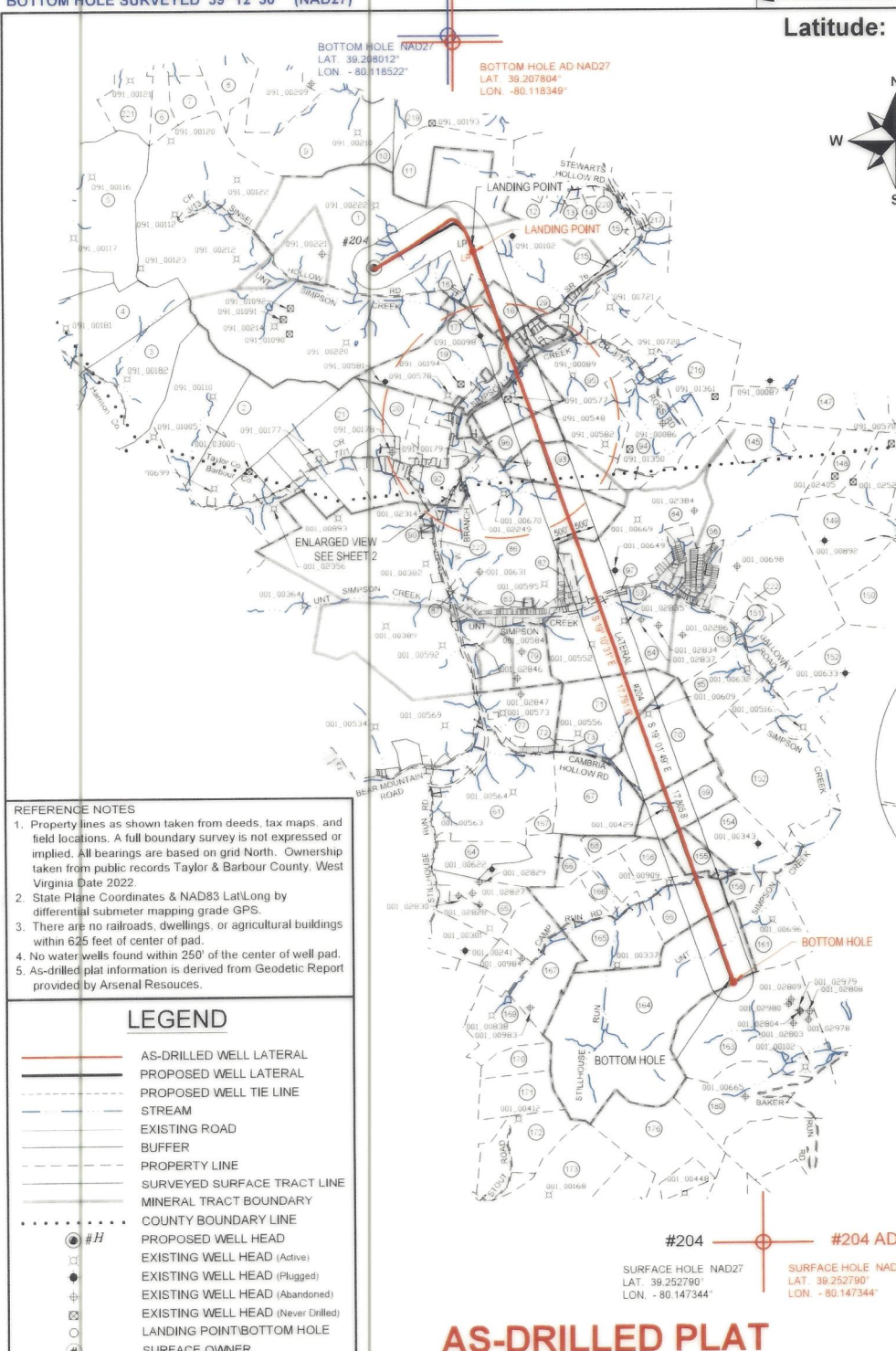
LANDING POINT
 N) 4345340.032 N) 4345308.43
 E) 574267.945 E) 574271.67

BOTTOM HOLE
 N) 4340241.042 N) 4340218.13
 E) 576122.035 E) 576137.20

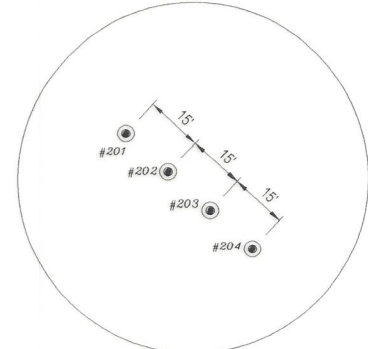
355'

14,114'

Longitude: (NAD27)



REFERENCES TIES (NTS)



REFERENCES TO PROPOSED HORIZONTAL WELL SURFACE LOCATIONS NTS

REFERENCE NOTES

- Property lines as shown taken from deeds, tax maps, and field locations. A full boundary survey is not expressed or implied. All bearings are based on grid North. Ownership taken from public records Taylor & 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.
- As-drilled plat information is derived from Geodetic Report provided by Arsenal Resources.

LEGEND

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

FILE#: 22078-002
 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* 4/9/24
 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: FIBER CLARENCE & CONSTANCE IRREVOCABLE TRUST
 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: APRIL 9, 2024

FIBER TFP22
 OPERATOR'S WELL #: # 204

API WELL #: 47 091 01374
 STATE COUNTY PERMIT

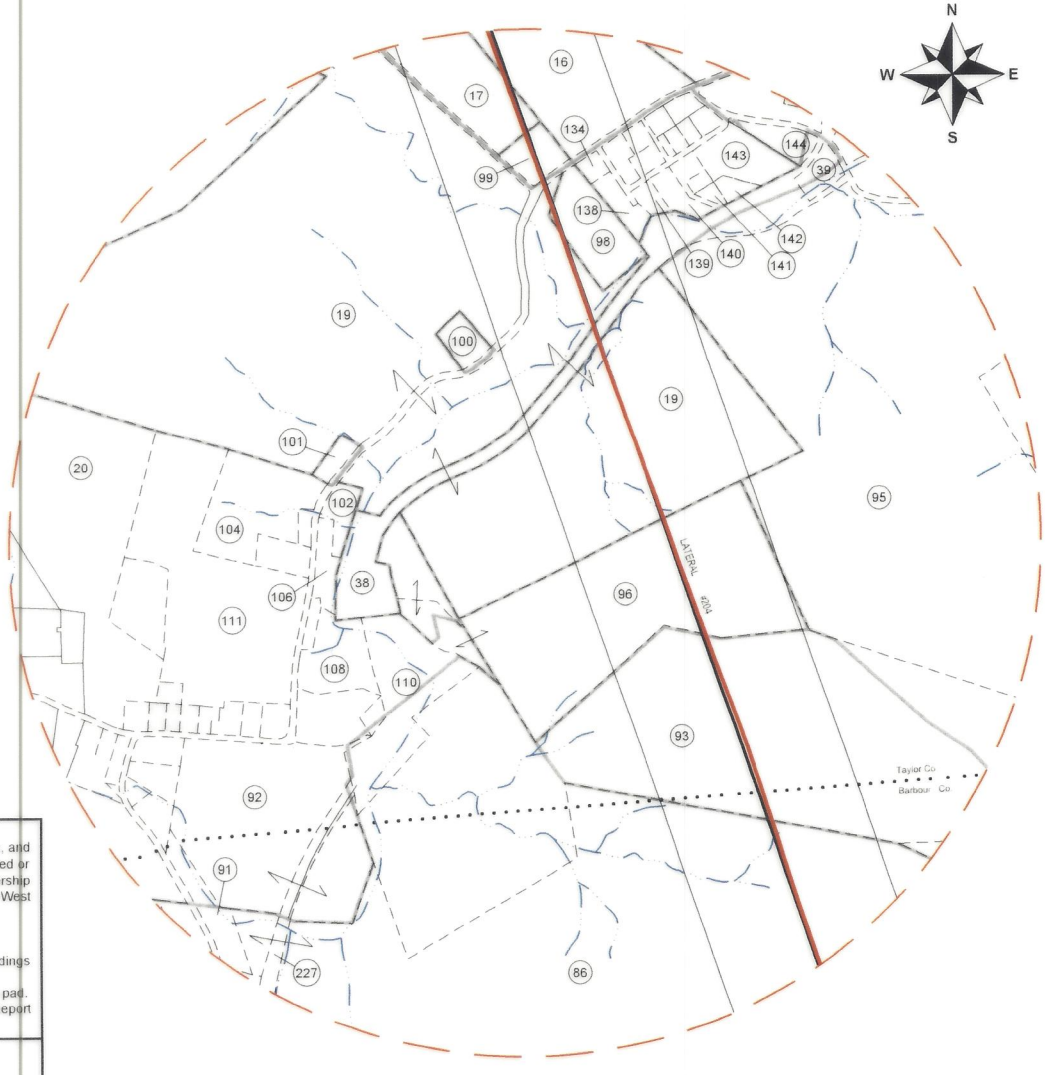
ELEVATION: 1,240.5'
 QUADRANGLE: ROSEMONT WV
 ACREAGE: 905 ± 11/08/2024
 ACREAGE: 1,080 ±

ESTIMATED DEPTH: TVD: 7,733.8' TMD: 26,509'

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



BOTTOM HOLE SURVEYED 80° 05' 00" (NAD27)
 SURFACE HOLE SURVEYED 80° 07' 30" (NAD27)



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	PROPOSED WELL LATERAL
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	EXISTING ROAD
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	SURVEYED SURFACE TRACT LINE
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	EXISTING WELL HEAD (Active)
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	EXISTING WELL HEAD (Never Drilled)
	LANDING POINT/BOTTOM HOLE
	SURFACE OWNER

AS-DRILLED PLAT

FILE#: 22078-002
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Signed: *Jason H. Littler* 4/9/24
 P.S. #2139, Jason H. Littler P.S.



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 601 57TH STREET
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 OIL & GAS ROYALTY OWNER: SEE WV-6A1

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 QUADRANGLE: ROSEMONT, WV
 ACREAGE: 905 ±
 ACREAGE: 1,080 ±

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 PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE SPECIFY: _____

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 WELL OPERATOR: ARSENAL RESOURCES
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ESTIMATED DEPTH: TVD: 7,733.8' TMD: 26,509'
 DESIGNATED AGENT: NATHAN SKEEN
 ADDRESS: 633 MAIN STREET
 CITY: BRIDGEPORT STATE: WV ZIP: 26330

11/08/2024

SURFACE PARCEL OWNER INFORMATION			ADJOINER PARCEL OWNER INFORMATION				
ID#	DEP#	PARCEL NUMBER	OWNER NAME	ID#	DEP#	PARCEL NUMBER	OWNER NAME
1	091	46-04-0011-0001-0000	FIBER CLARENCE & CONSTANCE IRREVOCABLE TRUST	3	033	17-15-0351-0013-0000	GCSTREAM LLC
17	091	46-04-0011-0017-0000	GRONAU JOHN R & KAITLYN N & SURV	4	033	17-15-0351-0012-0000	GCSTREAM LLC
16	091	46-04-0011-0019-0000	SALTIS STEVEN A & NICOLE J & SURV	5	033	17-15-0331-0027-0000	JOHNSON RENEE
99	091	46-04-0011-0018-0000	CASTO DANNIE E & KATINA J & SURV	6	091	46-04-0008-0022-0000	GRIPPIN JAMES S & ELAINE M & SURV
19	091	46-04-0011-0017-0003	SIMPSON JOHN E	7	091	46-04-0008-0023-0000	GRAY RANDALL & RITA
98	091	46-04-0011-0017-0002	MCKINNEY THOMAS R JR & LINDA L	8	091	46-04-0008-0035-0000	MARKS BETTY P
38	091	46-04-0011-0029-0000	SIMPSON JOHN	9	091	46-04-0008-0029-0000	COALQUEST DEVELOPMENT LLC
96	091	46-04-0011-0013-0000	RIFFLE JERALD L & LINDA SUE & SURV	10	091	46-04-0008-0105-0000	BLOSSER PATRICK B ETAL ROBERT C & CLINTON D & SURV
93	091	46-04-0011-0025-0000	BECKWITH LUMBER COMPANY	11	091	46-04-0008-0081-0000	SIMMONS HUNTER
86	001	01-09-0009-0017-0002	WILFONG DENVER S JR	12	091	46-04-0008-0083-0000	PRATT JANICE&CHARLENE MOORE & CURTIS & DAVID STEWART
84	001	01-09-0008-0001-0000	BECKWITH LUMBER CO INC	13	091	46-04-0008-0084-0000	PRATT JANICE & CHARLENE MOORE & CURTIS & DAVID STEWART
71	001	01-09-0012-0059-0000	BECKWITH LUMBER CO INC	14	091	46-04-0008-0090-0001	SINSEL FRANCES E
70	001	01-09-0013-0001-0000	BECKWITH LUMBER CO INC	15	091	46-04-0009-0037-0001	CRISS DAVID & CATHY & SURV
69	001	01-09-0013-0003-0000	SLOGAR LORENA HRS/ET ALS	18	091	46-04-0011-0001-0001	ANDERSON DANIEL & KAREN & SURV
155	001	01-09-0013-0004-0000	WENTZ BRIAN L & REBECCA J	20	091	46-04-0011-0009-0000	WATKINS DOUGLAS R & ANNA M & SURV
86	001	01-09-0012-0009-0001	TRIPLE L LAND & MINERALS	21	091	46-04-0011-0005-0005	BECKWITH LUMBER COMPANY
164	001	01-09-0022-0008-0000	YOCCO WILLIAM FRANK L/E THEN WILLIAM M & SAMUEL D YOCCO	29		RIGHT-OF-WAY	STATE ROUTE 76
				39	091	46-04-0011-0021-0000	FOGUS SUSAN MARIE
				92	091	46-04-0011-0011-0000	SMITH JOANN V & GARY M BROWN JR & SURV
				94	091	46-04-0010-0003-0000	DRAINER CLINTON & CANDANCE IRR TRUST
				95	091	46-04-0011-0024-0000	DUNN ROSS A
				100	091	46-04-0011-0017-0001	SIMPSON JOHN E
				101	091	46-04-011A-0002-0000	GAINES GROVER L
				102	091	46-04-011A-0003-0000	RADTKA RYAN C
				104	091	46-04-011A-0001-0000	WESTFALL ERIC & KEVIN R TEPHABOCK & SURV
				106	091	46-04-011A-0004-0000	CASTO DANNIE EUGENE
				108	091	46-04-0011-0011-0001	COSTELLO RAYMOND GARY (9/10 INT) & ETAL (1/30 INT EACH)
				110	091	46-04-0011-0028-0000	CSX TRANSPORTATION INC
				111	091	46-04-0011-0010-0000	JENKINS THOMAS & KARRY & SURV
				134	091	46-04-011B-0001-0000	HAYS CARL F
				138	091	46-04-011B-0011-0000	MCCLOY SAMMIE(LF)&S P MCCLOY & JESSICA ANN BOLYARD&SURV
				139	091	46-04-011B-0012-0000	GUTHRIE CANDICE
				140	091	46-04-011B-0013-0000	SALTIS STEVEN A & NICOLE & SURV
				141	091	46-04-011B-0014-0003	GAINES BRENDA M
				142	091	46-04-011B-0015-0001	GAINES BRENDA M
				143	091	46-04-011B-0015-0000	PETROFF JOSEPH JOHN
				144	091	46-04-0011-0022-0000	HAYS DONALD S
				145	091	46-05-0020-0002-0000	SMITH A J HRS
				147	091	46-05-0020-0010-0000	BECKWITH LUMBER CO
				215	091	46-04-0009-0057-0000	BRAKE WILLIAM C & CRYSTAL R & SURV
				216	091	46-04-0010-0001-0000	DRAINER CLINTON & CANDANCE IRR TRUST
				217	091	46-04-0009-0035-0000	PRITT HOY LYNN & PATRICIA LYNN & SURV
				219	091	46-04-0008-0080-0000	BLOSSER PATRICK B & ROBERT C & CLINTON D & SURV
				221	091	46-04-0008-0021-0000	MILLARD CARLYLE G
				227	091	01-09-0009-0023-0000	CSX TRANSPORTATION, INC
				2	001	01-09-0009-0002-0000	STEWART FARM LLC
				53	001	01-09-0008-0001-0002	COLLINS RONALD & JUDY
				58	001	PLAN OF LOTS	GALLOWAY SUBDIVISION II
				61	001	01-09-0012-0010-0000	VUKOVICH ROBERT K & SHELIA MARIE VUKOVICH & CAROL A SPEAR
				64	001	01-09-0012-0051-0002	BECKWITH LUMBER CO
				65	001	01-09-0012-0052-0001	TRIPLE L LAND & MINERALS
				67	001	01-09-0012-0008-0000	GOFF ROBERT H III & TINA M HWS
				68	001	01-09-0012-0009-0000	MCCAULEY RONALD D
				72	001	01-09-0012-0007-0001	SMINK JEANNETTE REBECCA
				73	001	01-09-0012-0007-0002	SMINK JEANNETTE REBECCA
				77	001	01-09-0012-0007-0000	ZACAVISH FRANK D
				79	001	01-09-0012-0005-0000	ZACAVISH FRANK
				82	001	PLAN OF LOTS	GALLOWAY SUBDIVISION
				83	001	01-09-009A-0017-0000	CLEAVENGER CEMETERY
				85	001	01-09-0013-0002-0000	BECKWITH LUMBER COMPANY INC
				87	001	01-09-0009-0014-0000	SALTIS STEVE JR & AMY R HWS
				90	001	01-09-0009-0010-0000	SALTIS STEVE & TWYLA HWS
				91	001	01-09-0009-0009-0000	PISINO GARY L & SUSAN CHRISTIAN
				97	001	01-09-0008-0001-0001	SPENCER GREGORY L & SANDRA R ELMOND
				148	001	01-09-0008-0006-0000	HAMMARSTROM WILLIAM R & ANNE V
				149	001	01-09-0008-0005-0000	HAMMARSTROM WILLIAM R & ANNE V
				150	001	01-09-0008-0008-0001	MALLOW JIM C
				151	001	01-09-0008-0001-0003	ARK LAND LLC
				152	001	01-09-0013-0023-0000	BECKWITH LUMBER CO INC
				153	001	01-09-0008-0003-0000	BECKWITH LUMBER CO INC
				154	001	01-09-0013-0008-0000	WENTZ BRIAN L & REBECCA HWS
				156	001	01-09-0013-0005-0000	MORGAN DELORES SUE & PATTY JEAN DUFFIELD
				157	001	01-09-0013-0006-0000	MCCAULEY RONALD D
				158	001	01-09-0013-0007-0000	JACOBS WM SR & SHIRLEY L/E -WM E JR, GERRY & DONNA JACOBS
				161	001	01-09-0013-0009-0000	JACOBS WILLIAM E JR & GERRY L
				163	001	01-09-0021-0001-0000	WOLFE G BRENT
				165	001	01-09-0012-0006-0000	MCCAULEY RONALD D
				166	001	01-09-0012-0007-0000	CORDER SHIRLEY Y
				167	001	01-09-0012-0004-0001	MYER JON & REBEKKAH HWS
				169	001	01-09-0022-0007-0000	WARE SHIRLEY LIVING TRUST
				170	001	01-04-0003-0021-0000	BURNER GARNET HRS C/O BEVERLY J POE
				171	001	01-04-0003-0022-0000	LEACH BENJAMIN, CHLOIE, TOSHA, BOORED DAKOTA & CHARLTON EDWARD
				172	001	01-04-0003-0023-0000	WENTZ BRIAN L & REBECCA J W S
				173	001	01-04-0003-0025-0000	WENTZ BRIAN L & REBECCA J W S
				176	001	01-04-0004-0001-0000	WENTZ BRIAN L & REBECCA J W S
				180	001	01-09-0021-0002-0000	BLANKENSHIP BOB & ELIZABETH, HWS
				222	001	01-09-0008-0001-0004	ARK LAND LLC
				227	001	01-09-0009-0023-0000	CSX TRANSPORTATION, INC

AS-DRILLED PLAT

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 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

ESTIMATED DEPTH: TVD: 7,733.8' TMD: 26,509'

