

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

API 47 - _____ - _____ County _____ District _____
Quad _____ Pad Name _____ Field/Pool Name _____
Farm name _____ Well Number _____

Operator (as registered with the OOG) _____
Address _____ City _____ State _____ Zip _____

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

Elevation (ft) _____ 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)

Date permit issued _____ Date drilling commenced _____ Date drilling ceased _____
Date completion activities began _____ Date completion activities ceased _____
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

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

Freshwater depth(s) ft _____ Open mine(s) (Y/N) depths _____
Salt water depth(s) ft _____ Void(s) encountered (Y/N) depths _____
Coal depth(s) ft _____ Cavern(s) encountered (Y/N) depths _____
Is coal being mined in area (Y/N) _____

Reviewed by:

~~06/26/2026~~

API 47- _____ - _____ Farm name _____ Well number _____

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							
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set							

Comment Details _____

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							
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) _____ Loggers TD (ft) _____
Deepest formation penetrated _____ Plug back to (ft) _____
Plug back procedure _____

Kick off depth (ft) _____

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 _____

WAS WELL COMPLETED AS SHOT HOLE ☐ Yes ☐ No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? ☐ Yes ☐ No DETAILS _____

WERE TRACERS USED ☐ Yes ☐ No TYPE OF TRACER(S) USED _____

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API 47- ____ - ____ Farm name _____ Well number _____

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)

Please insert additional pages as applicable.

API 47- ____ - ____ Farm name _____ Well number _____

PRODUCING FORMATION(S)

DEPTHS

_____	_____ TVD	_____ 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 _____ hrs

OPEN FLOW Gas _____ mcfpd Oil _____ bpd NGL _____ bpd Water _____ 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)
	0		0		

Please insert additional pages as applicable.

Drilling Contractor _____
Address _____ City _____ State _____ Zip _____

Logging Company _____
Address _____ City _____ State _____ Zip _____

Cementing Company _____
Address _____ City _____ State _____ Zip _____

Stimulating Company _____
Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by _____ Telephone _____
Signature  Title _____ Date _____

Submittal of Hydraulic Fracturing Chemical Disclosure Information

Attach copy of FRACFOCUS Registry

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MD	INC	AZM	TVD	NS	EW	CLA	CLD	VS	DLS	
0	0	0	0	0	0	0	0	0	0	0
155	0.55	277.88	155	0.1	-0.74	277.88	0.74	-0.55	0.35	
199	0.58	268.78	199	0.13	-1.17	276.16	1.18	-0.85	0.21	
243	0.54	303.6	242.99	0.24	-1.56	278.59	1.58	-1.18	0.77	
287	0.39	318.3	286.99	0.46	-1.84	284.14	1.89	-1.53	0.43	
331	0.18	165.35	330.99	0.51	-1.92	284.82	1.98	-1.62	1.26	
375	0.36	340.53	374.99	0.57	-1.95	286.35	2.03	-1.69	1.23	
419	0.21	70.83	418.99	0.73	-1.92	290.79	2.05	-1.79	0.95	
463	0.35	249.84	462.99	0.71	-1.97	289.8	2.09	-1.8	1.27	
507	0.47	294.15	506.99	0.74	-2.26	288.05	2.37	-2.01	0.75	
551	0.44	28.69	550.99	0.96	-2.34	292.24	2.53	-2.24	1.52	
595	0.54	300.11	594.99	1.21	-2.44	296.38	2.72	-2.49	1.56	
639	0.06	172.46	638.99	1.29	-2.62	296.27	2.92	-2.67	1.32	
683	0.39	60.87	682.99	1.34	-2.48	298.38	2.82	-2.62	0.95	
727	0.6	6.02	726.99	1.64	-2.33	305.22	2.85	-2.75	1.12	
771	0.23	124.1	770.98	1.82	-2.23	309.26	2.88	-2.83	1.67	
815	0.64	38.27	814.98	1.97	-2	314.44	2.81	-2.79	1.51	
859	0.12	309.02	858.98	2.19	-1.89	319.21	2.89	-2.89	1.48	
904	0.79	27.13	903.98	2.49	-1.78	324.43	3.07	-3.06	1.72	
917	0.82	22.95	916.98	2.66	-1.71	327.32	3.16	-3.13	0.51	
948	0.73	358.17	947.98	3.06	-1.63	332.02	3.47	-3.39	1.11	
992	0.75	350.32	991.97	3.62	-1.68	335.09	4	-3.86	0.23	
1036	0.12	66.37	1035.97	3.93	-1.69	336.72	4.28	-4.1	1.66	
1080	0.5	5.31	1079.97	4.14	-1.63	338.5	4.45	-4.22	1.03	
1103	0.34	101.55	1102.97	4.22	-1.55	339.8	4.5	-4.24	2.76	
1122	0.2	118.94	1121.97	4.2	-1.47	340.7	4.45	-4.16	0.85	
1167	0.26	88.37	1166.97	4.16	-1.3	342.67	4.36	-4.03	0.3	
1211	0.37	69.17	1210.97	4.21	-1.07	345.81	4.35	-3.92	0.34	
1255	0.22	286.5	1254.97	4.29	-1.01	346.7	4.41	-3.94	1.28	
1299	0.54	47.57	1298.97	4.45	-0.94	348.05	4.55	-4.02	1.55	
1343	0.67	30.43	1342.97	4.81	-0.66	352.21	4.86	-4.12	0.5	
1387	0.21	86.11	1386.97	5.04	-0.45	354.92	5.06	-4.16	1.31	
1431	0.62	60.65	1430.96	5.16	-0.16	358.23	5.17	-4.07	1	
1475	0.64	59.15	1474.96	5.41	0.26	2.74	5.41	-3.99	0.06	
1519	0.68	55.5	1518.96	5.68	0.68	6.87	5.72	-3.92	0.13	
1563	0.86	41.31	1562.95	6.08	1.12	10.42	6.18	-3.95	0.59	
1607	0.38	357.49	1606.95	6.47	1.33	11.61	6.61	-4.12	1.46	
1652	0.85	9.02	1651.95	6.95	1.38	11.19	7.08	-4.45	1.07	
1696	0.96	41.61	1695.94	7.55	1.67	12.49	7.73	-4.72	1.18	
1740	0.99	2.18	1739.94	8.2	1.93	13.24	8.43	-5.06	1.5	
1784	0.63	312.5	1783.93	8.75	1.77	11.42	8.92	-5.58	1.72	
1828	0.55	317.92	1827.93	9.07	1.45	9.07	9.18	-6.03	0.22	
1872	1.24	330.62	1871.93	9.64	1.07	6.34	9.7	-6.71	1.62	
1916	0.99	311.32	1915.92	10.3	0.55	3.07	10.32	-7.56	1.02	

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1960	1.19	285.38	1959.91	10.68	-0.17	359.07	10.68	-8.31	1.2
2004	1.37	256.46	2003.9	10.67	-1.13	353.98	10.73	-8.92	1.51
2049	1.52	257.34	2048.89	10.42	-2.23	347.91	10.65	-9.43	0.34
2093	1.71	253.26	2092.87	10.1	-3.43	341.25	10.67	-9.95	0.5
2137	1.52	256.52	2136.85	9.77	-4.63	334.68	10.81	-10.47	0.48
2181	1.68	217.32	2180.83	9.13	-5.58	328.54	10.7	-10.58	2.46
2226	1.92	212.51	2225.81	7.96	-6.39	321.27	10.21	-10.21	0.63
2270	1.16	220.72	2269.8	7.01	-7.08	314.72	9.96	-9.91	1.79
2314	0.96	182.82	2313.79	6.3	-7.38	310.47	9.71	-9.57	1.62
2358	1.27	146.2	2357.78	5.53	-7.13	307.78	9.02	-8.81	1.73
2402	1.4	146.71	2401.77	4.67	-6.56	305.44	8.06	-7.79	0.3
2446	2.01	123.44	2445.75	3.8	-5.63	304.02	6.79	-6.52	2.07
2490	1.46	102.83	2489.73	3.25	-4.44	306.22	5.5	-5.34	1.87
2534	0.53	40.08	2533.72	3.28	-3.76	311.11	4.99	-4.93	2.97
2578	0.6	13.66	2577.72	3.66	-3.57	315.69	5.11	-5.1	0.61
2622	0.28	65.94	2621.72	3.93	-3.42	318.95	5.21	-5.21	1.1
2666	0.17	40.92	2665.72	4.02	-3.28	320.8	5.19	-5.19	0.33
2710	0.59	149.64	2709.72	3.87	-3.12	321.14	4.97	-4.97	1.51
2754	0.69	124.07	2753.72	3.53	-2.79	321.7	4.5	-4.5	0.68
2798	0.73	162.03	2797.71	3.11	-2.48	321.45	3.98	-3.98	1.05
2847	0.56	223.14	2846.71	2.64	-2.55	316.04	3.67	-3.66	1.37
2980	1.6	222.32	2979.69	0.8	-4.24	280.62	4.32	-3.33	0.78
3024	1.58	222.92	3023.67	-0.1	-5.07	268.84	5.07	-3.17	0.06
3068	1.36	180.51	3067.66	-1.07	-5.49	258.98	5.59	-2.7	2.46
3113	1.28	150.09	3112.64	-2.04	-5.24	248.75	5.62	-1.79	1.55
3157	1.83	111.85	3156.63	-2.73	-4.34	237.89	5.13	-0.69	2.6
3201	1.92	100.17	3200.61	-3.12	-2.97	223.58	4.3	0.49	0.89
3245	1.52	74.63	3244.59	-3.09	-1.68	208.49	3.52	1.3	1.94
3289	1.51	59.14	3288.57	-2.64	-0.62	193.19	2.71	1.63	0.93
3332	1.67	50.35	3331.55	-1.95	0.35	169.83	1.98	1.72	0.68
3375	1.95	48.71	3374.53	-1.07	1.38	127.7	1.75	1.71	0.66
3419	2.74	62.33	3418.5	-0.09	2.88	91.71	2.88	1.91	2.19
3463	3.49	72.65	3462.43	0.8	5.09	81.04	5.15	2.64	2.12
3507	4.55	74.03	3506.32	1.68	8.04	78.19	8.22	3.86	2.42
3552	5.69	75.97	3551.14	2.71	11.92	77.18	12.23	5.56	2.56
3595	6.45	74.43	3593.9	3.88	16.32	76.63	16.77	7.48	1.81
3638	7.29	74.26	3636.59	5.27	21.27	76.09	21.91	9.58	1.95
3680	8.13	73.73	3678.21	6.82	26.69	75.66	27.54	11.86	2.01
3724	9.14	74.7	3721.71	8.62	33.04	75.39	34.15	14.56	2.32
3769	9.69	74.22	3766.11	10.59	40.13	75.22	41.51	17.58	1.23
3813	9.97	74.11	3809.46	12.64	47.36	75.06	49.02	20.64	0.64
3857	10.27	77.09	3852.78	14.56	54.85	75.14	56.75	23.96	1.37
3901	10.39	78.59	3896.06	16.22	62.56	75.47	64.63	27.63	0.67
3945	10.67	79.59	3939.32	17.74	70.46	75.87	72.66	31.52	0.76
3989	10.81	78.79	3982.55	19.28	78.51	76.2	80.84	35.5	0.46

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4033	9.16	78.34	4025.88	20.79	85.99	76.41	88.47	39.13	3.75
4077	8.72	78.02	4069.35	22.19	92.68	76.54	95.3	42.34	1.01
4121	8.51	76.44	4112.85	23.64	99.11	76.58	101.89	45.35	0.72
4165	8.55	77.09	4156.37	25.14	105.46	76.59	108.42	48.27	0.24