

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

API 47 - 033 - 05442 County Harrison District Sardis
Quad Folsom 7.5' Pad Name Belknap Field/Pool Name _____
Farm name Rhonda Dianne Smith Well Number 2025
Operator (as registered with the OOG) Waco Oil & Gas Co., Inc.
Address P.O. Box 397 City Glenville State WV Zip 26351

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 339032 Easting 1711083
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1402' 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 06/23/2010 Date drilling commenced _____ Date drilling ceased _____
Date completion activities began 04/01/2011 Date completion activities ceased 04/01/2011
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

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Freshwater depth(s) ft 115 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1510 Void(s) encountered (Y/N) depths _____
Coal depth(s) ft 670 Cavern(s) encountered (Y/N) depths _____
Is coal being mined in area (Y/N) No

APPROVED
NAME: Jaquelin Thoms
DATE: 5/12/14

API 47-033 - 05442

Farm name Rhonda Dianne Smith

Well number 2025

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		16"	36	U			
Surface	13	11 3/4	808	N	32#		Yes
Coal							
Intermediate 1	11	8 5/8	2620	N			Yes
Intermediate 2							
Intermediate 3							
Production	8"	5 1/2	7674	N	N 80 32#		
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	A	460	15.6	1.18		Surface	
Coal							
Intermediate 1	A	475	15.6	1.18		Surface	
Intermediate 2							
Intermediate 3							
Production	A	261	15.6	1.18		6860	
Tubing							

Drillers TD (ft) 7683

Loggers TD (ft) 7679

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 _____

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

API 47- 033 - 05442 Farm name Rhonda Dianne Smith Well number 2025

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
	TVD	MD
Marcellus	7580 - 7598	

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 960 psi Bottom Hole _____ psi DURATION OF TEST 6 hrs

OPEN FLOW Gas 1500 mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd
GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
Sand & Shale	0	40	0		
Shale	40	142			
Sand & Shale	142	1245			
Red Shale	1245	1380			
Shale	1380	1741			
2nd Salt Sand	1741	1951			
3rd Salt Sand	2117	2241			
Maxton	2331	2383			
Little Lime	2389	2407			
Pencil Cove	2407	2429			
Big Lime	2429	2469			
Big Injun	2469	2631			
30'	3023	3039			
50'	3165	3227			

Please insert additional pages as applicable.

Drilling Contractor Waco Oil & Gas Co., Inc.
Address P.O. Box 397 City Glenville State WV Zip 26351

Logging Company Key Energy Services
Address _____ City _____ State _____ Zip _____

Cementing Company Superior Well Service
Address _____ City _____ State _____ Zip _____

Stimulating Company Universal Well Service
Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Stephen E. Holloway Telephone 304-462-5347
Signature  Title Land Manager Date 02/22/2016

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API

47-033-05442

FARM NAME

Rhonda Dianne Smith

WELL NUMBER

2025

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 QUANTITIES AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC.)
	0		0		
Gordon Strey	3271	3285			
Gordon	3285	3325			
5th Sand	3325	3339			
Speechley	3739	3819			
Upper Balltown	4353	4387			
Lower Balltown	4855	4921			
3rd Riley	5321	5461			
Benson	5461	5477			
Upper Genesee	7407	7442			
Lower Genesee	7442	7484			
Tully Lime	7484	7558			
Upper Marcellus	7580	7618			
Lower Marcellus	7639	7683 TD			

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