

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

API 47-95-02155 County Tyler District Lincoln
Quad Paden City Pad Name Wells Meckley Unit Field/Pool Name Middlebourne
Farm name Velma L. Wells Well Number # 1405 MH
Operator (as registered with the OOG) Triad Hunter, LLC
Address 909 Lake Carolyn Pkwy # 600 City Irving State Texas Zip 75039

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 380256.3 Easting 1567277
Landing Point of Curve Northing N/A Easting N/A
Bottom Hole Northing N/A Easting N/A

Elevation (ft) 985' 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 Mud System

Date permit issued 5/21/2014 Date drilling commenced 1/4/2015 Date drilling ceased 1/08/2015
Date completion activities began N/A Date completion activities ceased N/A
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

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

Freshwater depth(s) ft Surface - 300' Open mine(s) (Y/N) depths N/A
Salt water depth(s) ft @ 1200' Void(s) encountered (Y/N) depths N/A
Coal depth(s) ft 600' - 700' Cavern(s) encountered (Y/N) depths N/A
Is coal being mined in area (Y/N) N

Reviewed by:

API 47-095 - 02155 Farm name Velma L. Wells Well number # 1405 MH

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	24"	20"	100'	New	J-55 94#	- 0 -	yes
Surface	17 1/2"	13 3/8"	420'	New	J-55 54.5#	- 0 -	12 bbl. cement returns
Coal							
Intermediate 1	12 1/4"	9 5/8"	2,884'	New	J-55 36#	- 0 -	50 bbl. cement returns
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	Class A	170	15.6	1.18	200.6	Surface	24+
Surface	HALCEM (Class A)	380	15.6	1.19	452.2	Surface	12+
Coal							
Intermediate 1	HALCEM (Class A)	1,055	15.6	1.19	1,255.5	Surface	24+
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 2900' Loggers TD (ft) N/A no logs run
 Deepest formation penetrated Gordon Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) N/A

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 _____
Surface Casing 20" - 3 centralizers
Intermediate Casing 13 3/8" - 7 centralizers

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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PERFORATION RECORD

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

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)
		N/A						

Please insert additional pages as applicable.

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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>N/A</u>	<u>TVD</u>	<u>MD</u>

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		
N/A					

Please insert additional pages as applicable.

Drilling Contractor Alpha Hunter Rig 7
 Address 28407 State Route 7 City Marietta State Ohio Zip 45750

Logging Company N/A
 Address _____ City _____ State _____ Zip _____

Cementing Company Halliburton Energy Services
 Address 4999 East Point Drive City Zanesville State Ohio Zip 43702

Stimulating Company N/A
 Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Daren Rader Telephone (740) 760-0573
 Signature _____ Title Operations Manager Date 10/09/2017

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry N/A