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JR

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

API 47-021-5773 County GILMER District DEKALB
Quad GLENVILLE Pad Name _____ Field/Pool Name _____
Farm name CHARLES E. TALBOTT Well Number TALBOTT WOLFE #6
Operator (as registered with the OOG) ROY G. HILDRETH AND SON, INC.
Address P. O. BOX 1007 City SPENCER State WV Zip 25276

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 713,196 Easting 2,006,471
Landing Point of Curve Northing N/A Easting N/A
Bottom Hole Northing _____ Easting _____

Elevation (ft) 830' 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)
CLA STA, SOAP

Date permit issued 5/7/2014 Date drilling commenced 7/07/14 Date drilling ceased 7/10/14
Date completion activities began 7/16/14 Date completion activities ceased 7/28/14
Verbal plugging (Y/N) N/A 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 90' Open mine(s) (Y/N) depths NO
Salt water depth(s) ft 660' Void(s) encountered (Y/N) depths NO
Coal depth(s) ft NONE Cavern(s) encountered (Y/N) depths NO
Is coal being mined in area (Y/N) NO

RECEIVED
Office of Oil and Gas
NOV 06 2014
Reviewed by:
WV Department of Environmental Protection
12/12/2014

API 47-021 - 5773 Farm name CHARLES E. TALBOTT Well number TALBOTT WOLFE #6

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	11"	9 5/8"			36#		PULLED
Surface	8 7/8"	7"	310'	NEW	17#	84'	YES, CTS *
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	6 3/8"	4 1/2"	2108'	NEW	11.6#		NO, (730') TOP OF CEMENT
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	CLASS A-I	70	15.6	1.18	82	CTS + 40% EXCESS	12
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	50/50 POZ	126	14.4	1.28	153.6	730	
Tubing							

Drillers TD (ft) 2140' Loggers TD (ft) 2129'

Deepest formation penetrated WIER 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 7" - 268', 43'
4 1/2" - 1980', 1766', 1551', 1250'

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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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>WIER</u>	<u>1805</u> TVD	<u>1878</u> MD
<u>MAXON</u>	<u>1475</u>	<u>1495</u>
<u>SALT SAND</u>	<u>1345</u>	<u>1390</u>
<u>SALT SAND</u>	<u>1193</u>	<u>1225</u>

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 375 psi Bottom Hole _____ psi DURATION OF TEST 8 hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY
 SHOW mcfpd SHOW bpd _____ bpd _____ bpd 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)
SLATE & SHALE	0	986	0		
SALT SAND	986	1014			
SLATE & SHALE	1014	1192			
SALT SAND	1192	1226			GAS - SHOW
SLATE & SHALE	1226	1345			
SALT SAND	1345	1390			GAS, OIL - SHOW
SLATE & SHALE	1390	1475			
MAXON	1475	1495			
SLATE & SHALE	1495	1552			
BIG LIME	1552	1603			
BIG INJUN	1670	1688			
SLATE & SHALE	1688	1805			
WIER	1805	1878			GAS
SLATE & SHALE	1878	2140			

Please insert additional pages as applicable.

Drilling Contractor R & R WELL SERVICE, LLC
 Address 42 LYNCH RIDGE City WALTON State WV Zip 25286

Logging Company NABORS COMPLETION & PRODUCTION SERVICES, INC. (BOND & OPEN HOLE)
 Address P O BOX 975682 City DALLAS State TX Zip 75397-5682

Cementing Company UNIVERSAL WELL SERVICES, INC. (4 1/2") ADDRESS AS BELOW
 Address ROY G. HILDRETH & SON, INC. DID 7" City _____ State _____ Zip _____

Stimulating Company UNIVERSAL WELL SERVICES, INC.
 Address P O BOX 200969 City DALLAS State TX Zip 75320

Please insert additional pages as applicable.

Completed by JON R. HILDRETH Telephone 304-927-2130
 Signature *Jon R. Hildreth* Title SECRETARY Date 10/24/14

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