

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

API 47-021-5772 County GILMER District DEKALB  
Quad GLENVILLE Pad Name \_\_\_\_\_ Field/Pool Name \_\_\_\_\_  
Farm name CHARLES E. TALBOTT Well Number TALBOTT WOLFE #5  
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 712,702 Easting 2,006,166  
Landing Point of Curve Northing N/A Easting N/A  
Bottom Hole Northing \_\_\_\_\_ Easting \_\_\_\_\_

Elevation (ft) 773' 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 7/13/14 Date drilling ceased 7/16/14  
Date completion activities began 7/16/14 Date completion activities ceased 9/14/14  
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

RECEIVED  
Office of Oil and Gas  
NOV 06 2014

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

Freshwater depth(s) ft 70' Open mine(s) (Y/N) depths NO  
Salt water depth(s) ft 590' 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

WV Department of  
Environmental Protection

Reviewed by:

12/12/2014

API 47-021 - 5772 Farm name CHARLES E. TALBOTT Well number TALBOTT WOLFE #5

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"	309	NEW	17#	43	YES, CTS *
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	6 3/8"	4 1/2"	2011	NEW	11.6#		NO, 600' 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 <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor							
Surface	CLASS A-I	75	15.6	1.18	88	CTS + 40% EXCESS	12
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production	50/50 POZ	115	14.2	1.29	148.4	600	
Tubing							

Drillers TD (ft) 2136' Loggers TD (ft) 2114'  
 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' - 267', 128'  
4 1/2" - 1878', 1665', 1365', 1064'

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 \_\_\_\_\_



API 47- 021 - 5772 Farm name CHARLES E. TALBOTT Well number TALBOTT WOLFE #5

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>WIER</u>	<u>1755</u> TVD	<u>1828</u> MD
<u>MAXON</u>	<u>1425</u>	<u>1437</u>
<u>SALT SAND</u>	<u>1152</u>	<u>1192</u>
<u>SALT SAND</u>	<u>948</u>	<u>967</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 <sub>2</sub> S, ETC)
SLATE & SHALE	0	948	0		
SALT SAND	948	967			
SLATE & SHALE	967	1152			
SALT SAND	1152	1192			GAS - SHOW
SLATE & SHALE	1192	1425			
MAXON	1425	1437			GAS, OIL - SHOW
SLATE & SHALE	1437	1493			
BIG LIME	1493	1595			
BIG INJUN	1595	1640			LOW POROSITY, POOR DEVELOPMENT
SLATE & SHALE	1640	1755			
WIER	1755	1828			
SLATE & SHALE	1828	2136			

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