

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: WILLIS ADKINS Operator Well No.: 1

LOCATION: Elevation: 638.5 Quadrangle: WINSLOW 7.5

District: STONEWALL County: WAYNE  
Latitude: \_\_\_\_\_ Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude: \_\_\_\_\_ Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Company: MYERS DRILLING CO.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>P.O. Box 320</u>	<u>10 3/4"</u>	<u>27'</u>	<u>27'</u>	<u>To Surface</u>
<u>EAST KNOWN WV 25512</u>	<u>8 3/4"</u>	<u>452.5'</u>	<u>452.5'</u>	<u>CEMENT TO SURFACE</u>
Agent: <u>Michael Davis</u>	<u>7"</u>	<u>1500'</u>	<u>1500'</u>	<u>CEMENT UP TO 1500'</u>
Inspector: <u>GARY SCITES</u>	<u>4 1/2"</u>	<u>3041.10'</u>	<u>3041.10'</u>	<u>CEMENT UP TO 2100'</u>
Date Permit Issued: <u>9-12-05</u>	<u>2 3/4"</u>	<u>3046'</u>	<u>3046'</u>	<u>HANG IN WELL</u>
Date Well Work Commenced: <u>10-6-05</u>				<u>NO PRIMER USED</u>
Date Well Work Completed: <u>3-22-06</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input checked="" type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Depth (feet): <u>3080'</u>				
Fresh Water Depth (ft.): <u>30'</u>				
Salt Water Depth (ft.): <u>800'</u>				
Is coal being mined in area (N/Y)? <u>(N)</u>				
Coal Depths (ft.): <u>None</u>				

**RECEIVED**  
Office of Oil & Gas  
AUG 22 2013

WV Department of Environmental Protection

OPEN FLOW DATA

Producing formation DEVONIAN SHALE Pay zone depth (ft) 2825' - 3010'  
Gas: Initial open flow 5100 MCF/d Oil: Initial open flow NONE Bbl/d  
Final open flow 120 MCF/d Final open flow NONE Bbl/d  
Time of open flow between initial and final tests 40 Hours  
Static rock Pressure 225 psig (surface pressure) after 24 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 1200 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: Michael Davis  
By: Michael Davis - Partner  
Date: May 24, 2006

08/30/2013

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

PERFORATED 27 HOLES - 2625' - 2991'  
 NITROGEN FRAC USE 1,5000.000 CU FT GAS

WELL LOG

FORMATION	COLOR	HARD	OR	SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
SURFACE	BROWN			X	0	12	
BROKEN SAND	GRAY			X	12	30	← FRESH WATER
SLATE	GRAY			X	30	125	
SAND + SLATE	GRAY			X	125	780	← Run 452' - 8 3/8" CASING
SALT SAND	WHITE			X	780	1075	← SALT WATER 825'
SLATE	BLACK			X	1075	1180	
LITTLE LIME	BLACK	X			1180	1200	
BIG LIME	WHITE	X			1200	1375	
SLATE	GRAY			X	1375	1404	
INTUN SAND	GRAY			X	1404	1480	
SLATE + SHELLS	GRAY			X	1480	2000	← CEMENT 1500' of 7" casing
WEEPSHALE	DARK B			X	2000	2020	
BISRA SAND	GRAY	X			2020	2031	
SLATE + SHELLS	GRAY			X	2031	2085	
B. SHALE	BROWN	X			2085	2157	
SLATE	GRAY			X	2157	2560	
SHALE	BROWN			X	2560	2625	← CEMENT 3061' - 4 1/2" PRODUCTION
SLATE	GRAY			X	2625	2720	
SHALE	BROWN			X	2720	3048	← HANG 3046 of 2 3/8" TUBING
SLATE	GRAY				3048	3080	← STOP DRILLING - 3080

CEMENT TO SURFACE

Signed: *Moh Dai*