

WR-3
Rev (8-10)
Office of Oil & Gas
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State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 6/5/11
API #: 47-59-02208

Farm name: LAUREL LAND #1 Operator Well No.: 1
LOCATION: Elevation: 665 Quadrangle: WILLIAMSON
District: TUG RIVER County: MINGO
Latitude: _____ Feet South of ³⁷ Deg. ⁴² Min. ^{47.42} Sec.
Longitude _____ Feet West of ⁸² Deg. ¹⁸ Min. ^{36.49} Sec.

Company: GDM CONTRACTING, INC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
1771 KY HWY 581, THEALKA, KY 41240	20"	71'	71'	TO SURFACE
Agent: I DAVID BARTRAM	13 3/8"	108'	108'	TO SURFACE
Inspector: BARRY STALLINIGS	9 5/8"	312'	312'	132'
Date Permit Issued: 1/25/11	7"	1523'	1523'	316'
Date Well Work Commenced: 2/16/11	4 1/2"	3350'	3350'	247'
Date Well Work Completed: 3/15/11				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 3374				
Total Measured Depth (ft): 3374				
Fresh Water Depth (ft.): 135,210,263				
Salt Water Depth (ft.): 885				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation LOWER HURON Pay zone depth (ft) 3100-3300
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 150 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure 110 psig (surface pressure) after 72 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ 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

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Garland Fitch
Signature

6/09/11
Date

11/18/2011

Were core samples taken? Yes _____ No **N**

Were cuttings caught during drilling? Yes **Y** No _____

Were _____ Electrical, **Y** Mechanical, _____ or Geophysical logs recorded on this well?
Y/N Y/N Y/N

NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

(2430-2458) 6 HOLES

(3115-3294) 38 HOLES

1 STAGE 1.8 MMSCF N2

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth
Surface:

SAND AND SOIL	0-100	LOWER HURON	3112-3310
SAND AND SHALE	100-583	WHITE SLATE	3310-3374
SAND	583-904		
SALT SAND	904-1338		
MAXON	1338-1394		
LIME AND SHALE	1394-1588		
LITTLE LIME	1588-1624		
BIG LIME	1624-1770		
INJUN SAND	1770-1808		
SAND AND SHALE	1808-2134		
GRAY SLATE	2134-2310		
COFFEE SHALE	2310-2340		
BEREA	2340-2418		
BROWN SHALE	2418-2476		
WHITE SLATE	2476-3112		