

WR-35
Rev (9-11)

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

DATE: 7/29/13
API #: 47-5901486 D



Farm name: PLOTNER, BARBARA SUE Operator Well No.: SLATER 1A DFILL DEEPER

LOCATION: Elevation: 647 Quadrangle: WILLIAMSON

District: TUG RIVER County: MINGO
Latitude: 15580 Feet South of 37 Deg. 45 Min. 00 Sec.
Longitude 3875 Feet West of 82 Deg. 17 Min. 30 Sec.

Company: TUG FORK DEVELOPMENT

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
3930 BRANYWINE DR CATLETTSBURG, KY 41129	4.5	3384	3384	31
Agent: IRA DAVID BARTRAM				
Inspector: JEREMY JAMES				
Date Permit Issued: 10/2/12				
Date Well Work Commenced: 11/14/12				
Date Well Work Completed: 12/7/12				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 3407				
Total Measured Depth (ft): 3407				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N/A				
Coal Depths (ft.): N/A				
Void(s) encountered (N/Y) Depth(s) N				

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

Producing formation LOWER HURON SHALE Pay zone depth (ft) 3150-3350

Gas: Initial open flow 0 MCF/d Oil: Initial open flow Bbl/d

Final open flow 179 MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests 48 Hours

Static rock Pressure 361 psig (surface pressure) after 48 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

Received

JUL 31 2013

Office of Oil and Gas
Dept. of Environmental Protection

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.

Signature

7/13/13
Date

09/27/2013

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list GAMMA RAY/NEUTRON/ INDUCTION/ TEMP./PE/AUDION

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:

3150-3340 N2 FRAC 1.5 MMSCF

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
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DRILL DEEPER FROM 2280

GRAY SLATE 2280-2350

COFFEE SHALE 2350-2310

BEREA SAND 2310-2420

SHALE 2420-3142

LOWER HURON 3142-3336

WHITE SLATE 3336-3407