

APPROVED

NAME: *[Signature]*

DATE: 3/29/2017

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: May 20, 2013
API #: 47-017-04532

Farm name: Daniel R. Mitchell Operator Well No.: Farr #2

LOCATION: Elevation: 1089 Quadrangle: West Union 7.5'

District: West Union County: Doddridge
Latitude: 11.630 Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 1.980 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: Syndex Resources, Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
166 Hampshire Rd, Wellesley, MA 01281	8 5/8	510	510	to surface
Agent: Jim Prusack	4 1/2		2290	200 sks
Inspector: Douglas Newlon				
Date Permit Issued: 10/15/1999				
Date Well Work Commenced: 10/20/1999				
Date Well Work Completed: 11/20/1999				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 2340				
Total Measured Depth (ft): 2340				
Fresh Water Depth (ft.): 35, 85				
Salt Water Depth (ft.): 1665				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.): NA				
Void(s) encountered (N/Y) Depth(s)				

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

Producing formation Big Injun Sandstone Pay zone depth (ft) 2106-2198

Gas: Initial open flow show MCF/d Oil: Initial open flow NA Bbl/d

Final open flow 65 MCF/d Final open flow NA Bbl/d

Time of open flow between initial and final tests 96 Hours

Static rock Pressure 875 psig (surface pressure) after 4 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.

[Signature]

Signature
PETROLEUM GEOLOGIST

[Signature]

Date

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WV Department of
Environmental Protection

Were core samples taken? Yes _____ No XXX

Were cuttings caught during drilling? Yes _____ No XXX

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Yes, standard open hole suite

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:

Standard water and sand frac: 100 sks 80/100 300 sks 20/40 500 bbls of water, 12 bbl of 15% HCl

Big Injun Sand 2138-2146, 2154-2168, 2174-2188 15 holes

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

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

unconsolidated	0	27
sands & shales	27	612
1st Cow	612	634
2nd Cow	785	806
Dunkard	908	931
1st Salt	1502	1587
2nd Salt	1626	1688
3rd Salt	1707	1827
Maxton	1914	1921
shale	1921	2019
Big Lime	2019	2086
Keener	2086	2130
Big Injun	2138	2198
shale	2198	2340

05/26/2017