

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: 8/07/2013  
API #: 47-097-03464

Farm name: Dennis Phillips & James Mitchell Operator Well No.: 1

LOCATION: Elevation: 1784 G.L., 1994 K.B. Quadrangle: Buckhannon 7.5'

District: UNION County: Upshor  
Latitude: 1850' Feet South of 38 Deg. 57 Min. 30 Sec.  
Longitude: 9300' Feet West of 80 Deg. 07 Min. 30 Sec.

Company: Lippizan Petroleum, Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>P.O. Box 98</u> <u>Ellenboro, WY 26346</u>	<u>9 5/8" Csg</u>	<u>50'</u>	<u>Pulled</u>	
Agent: <u>Robert L. Matthey, Jr.</u>	<u>7" Csg.</u>	<u>1124'</u>	<u>1124'</u>	<u>155 SX -</u>
Inspector: <u>Craig Duckworth</u>	<u>4 1/2" Csg</u>	<u>4525</u>	<u>4525</u>	<u>180 SK</u>
Date Permit Issued: <u>9/17/2007</u>				
Date Well Work Commenced: <u>9/25/2007</u>				
Date Well Work Completed: <u>10/21/2007</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable Rig				
Total Vertical Depth (ft): <u>4632 Driller</u>				
Total Measured Depth (ft): <u>4628' Log</u>				
Fresh Water Depth (ft): <u>60, 360</u>				
Salt Water Depth (ft): <u>NONE</u>				
Is coal being mined in area (N/Y)? <u>NO</u>				
Coal Depths (ft): <u>577, 825</u>				
Void(s) encountered (N/Y) Depth(s) <u>NONE</u>				

C.T.S  
CT-1500

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

STAGE 1 Producing formation Alexander SAND Pay zone depth (ft) 4380-88  
Gas: Initial open flow Shut MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 100 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 1105 psig (surface pressure) after 12 Hours

STAGE 3 - Speechley SAND 2681-97  
10E-01 MCF No oil  
E.O.F. 80 hrs Eof - 4 hrs.  
R.P. - 980 - 12 hrs.

STAGE 2 Second producing formation Riley SAND Pay zone depth (ft) 3511-12  
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 50 MCF/d Final open flow 6 Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 1026 psig (surface pressure) after 12 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

8-7-13  
Date

97.03464

Were core samples taken? Yes \_\_\_\_\_ No  Were cuttings caught during drilling? Yes  No \_\_\_\_\_

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list GAMMA Ray, Density, Neutron, Induction, Temperature.

**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:**

Stage 1 - Alexander SAND - Perforate 4380-88 (24 holes) Treat w/ 500 gal HCl, 450 BW, 30,000\* 20:40 SAND, BDP-2700\*, AVTP- 2500\*

Stage 2 - Riley Sand - Perforate 3511-16 (22 holes) Treat w/ 510 BW, 25,000\* 20:40 SAND BDP=2050, ATP= 2400\*

Stage 3 Speechley Sand - Perforate 2681-89 + 2695-97 (22 holes) Treat w/ 500 gal HCl, 520 BW, 34,400\* 20:40 SAND BDP= 2110\*, AVTP = 2400\*

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

**Formations Encountered:** **Top Depth** **Bottom Depth**

Formations Encountered:	Top Depth	Bottom Depth
Surface:		
0 - 197 shale + SAND	3615 - 3764	shale
197 - 368 sand w/ shale lenses.	3764 - 3768	Benson SAND
368 - 506 shale	3768 - 4248	shale + siltstone
506 - 546 SAND	4248 - 4334	siltstone
546 - 1016 shale	4334 - 4375	shale
1016 - 1110 MAXTON SAND	4375 - 4444	ALEXANDER SAND sh. Gas 4385'
1186 - 1215 Little Lime	4444 - 4628	T.D. shale
1255 - 1465 Big Lime		
1518 - 1599 Santa SAND		
1883 - 1930 Gordon Sand		
2016 - 2027 4 <sup>th</sup> A" sand		
2066 - 2084 4 <sup>th</sup> Sand.		
2108 - 2136 5 <sup>th</sup> sand SI show Gas		
2253 - 2283 Bayard Sand		
2273 - 2679 shale		
2679 - 2701 Speechley SAND SI show Gas		
2701 - 3498 shale		
3498 - 3615 Riley Sand		

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