

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 #: 47-897-03726

Farm name: Delbert Tenney Operator Well No.: 2

LOCATION: Elevation: 1927.64, 1929 DF Quadrangle: Buckhannon 7.5'

District: Washington County: Upshur  
Latitude: 5950' Feet South of 38 Deg. 55 Min. 00 Sec.  
Longitude 10500 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, WV 26346</u>	<u>10 3/4" Csg</u>	<u>30'</u>	<u>30'</u>	<u>-</u>
Agent: <u>Robert L. Matthey, Jr.</u>	<u>8 5/8" Csg</u>	<u>143</u>	<u>Pulled</u>	<u>-</u>
Inspector: <u>Bill Hatfield</u>	<u>7" Csg</u>	<u>1272</u>	<u>1272'</u>	<u>CTS</u>
Date Permit Issued: <u>4/29/2010</u>	<u>4 1/2" Csg</u>	<u>3874'</u>	<u>3874'</u>	<u>165 SX</u>
Date Well Work Commenced: <u>10/25/2010</u>				
Date Well Work Completed: <u>12/15/2010</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable <input checked="" type="checkbox"/> Rig				
Total Vertical Depth (ft): <u>3935 Driller</u>				
Total Measured Depth (ft): <u>3915 Log</u>				
Fresh Water Depth (ft.): <u>48', 122', 230'</u>				
Salt Water Depth (ft.): <u>NONE</u>				
Is coal being mined in area (N/Y)? <u>NO</u>				
Coal Depths (ft.): <u>635, 940'</u>				
Void(s) encountered (N/Y) Depth(s) <u>NONE</u>				

TCC-1168'

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

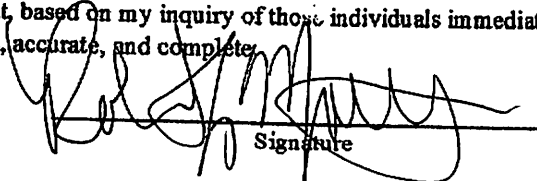
STAGE-1 Producing formation Benson SAND Pay zone depth (ft) 3702-08  
Gas: Initial open flow SHOW MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 80 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 1050 psig (surface pressure) after 12 Hours

STAGE 2 Second producing formation Riley SAND Pay zone depth (ft) 3394-3435  
Gas: Initial open flow SHOW MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 90 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 1000 psig (surface pressure) after 12 Hours

STAGE 3 - Speckley SAND - 2476-2508'  
10F - show oil - 0  
FOF - 60 RECEIVED - 0  
Time of open flow between initial and final tests 4 HOURS  
R.P. - 980

MAR 08 2016  
WV Department 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

8-7-13  
Date

03/18/2016

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 - Benison Sand - Perforate 4 1/2" csg - 3702-08 (25 holes) Treat w/ 500 gal HCL  
 350 BW, 300,000 SCFN<sup>2</sup>, 31,000 # 20:40 SANB BDP-2600\*

Stage 2 - Riley Sand - Perforate 4 1/2" csg - 3394-96, 3421-27, 3432-35 (25 holes) Treat w/ 500 gal HCL,  
 300 BW, 250,000 SCFN<sup>2</sup>, B.D.P. - 2040 ATP - 2500\*

Stage 3 - Speechley Sand - Perforate 4 1/2" csg - 2476-79, 2506-08 (24 holes) - Treat w/ 500 gal. HCL,  
 310 BW, 280,000 SCFN<sup>2</sup>, BDP-2100, ATP - 2650\*

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

Formations Encountered: Top Depth Bottom Depth

Surface:

Formations Encountered:	Top Depth	Bottom Depth
0 - 79' SAND + shale	1430 - 1492	SQUAW SAND
79 - 153 shale	1492 - 1580	SAND + shale SG @ 1467'
153 - 227 SAND	1580 - 98	Gantz SAND
227 - 272 172 Shale	1598 - 1669	SAND + shale
272 - 312 SAND	1669 - 1720	Shale
312 - 444 Shale	1720 - 1782	SAND
444 - 508 SAND, shaley	1732 - 1780	Shale + SAND
508 - 594 Shale	1782 - 1818	Gordon Sand
594 - 620 SAND	1818 - 1853	Shale
620 - 702 Shale	1853 - 1870	4th A SAND
702 - 880 SALT SAND	1870 - 1886	Shale
880 - 927 Shale	1886 - 1964	4th SAND
927 - 1008 Maxton Sand	1964 - 2029	Shale
1008 - 1130 Shale	2029 - 2087	5th SAND
1130 - 1150 Sand + shale	2104 - 2206	Bayard SAND
1150 - 1173 Little Lime	2206 - 2598	Shale + Siltstone
1173 - 1206 Peccil Cove Shale	2598 - 2601	Speechley Sand
1206 - 1430 Big Lime	2601 - 3343	Shale
	3343 - 3527	Riley Sand
	3527 - 3708	Shale
	3708 - 3739	Benison Sand SG @ 3706
	3739 - 3928	T.D Shale + Siltstone

RECEIVED  
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03/18/2016