

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 #: 47-097-03280

Farm name: Delbert Tenney Operator Well No.: 1  
LOCATION: Elevation: 1822GL Quadrangle: Buckhannon 7.5'  
District: Washington County: Upshur  
Latitude: 5575' Feet South of 38 Deg. 55 Min. 00 Sec.  
Longitude 10,000 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>20" CS9</u>	<u>20'</u>	<u>20'</u>	
Agent: <u>Robert L. Matthey, Jr.</u>	<u>9 5/8" CS9</u>	<u>160</u>	<u>160</u>	<u>55 SK</u>
Inspector: <u>CRAIG Duckworth</u>	<u>7" CS9</u>	<u>923</u>	<u>923</u>	<u>200 SK -</u>
Date Permit Issued: <u>3/04/2006</u>	<u>4 1/2" CS9</u>	<u>3863'</u>	<u>3863'</u>	<u>155 SK -</u>
Date Well Work Commenced: <u>3/31/2006</u>				
Date Well Work Completed: <u>5/25/2006</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>3896 Driller</u>				
Total Measured Depth (ft): <u>3902' Log</u>				
Fresh Water Depth (ft): <u>250', 694', 100'</u>				
Salt Water Depth (ft): <u>NONE</u>				
Is coal being mined in area (N/Y)? <u>NO</u>				
Coal Depths (ft): <u>633', 933'</u>				
Void(s) encountered (N/Y) Depth(s) <u>NONE</u>				

C.T.S.  
CT-1193

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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) 3702-30  
Gas: Initial open flow show MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow SW MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 0 Hours  
Static rock Pressure 0 psig (surface pressure) after 0 Hours

Stage 3 Gordon Sand 1710-18  
IGP - show oil - 0  
FOF - 90 MCF oil - 0'  
Time of OF 4 hrs.  
RP - 650 after 12 hrs

STAGE - 2 Second producing formation Riley SAND Pay zone depth (ft) 3551-60  
Gas: Initial open flow show MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 50 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 1020 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

97-03280

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:

1st Stage

BENSON SAND. Perforate 4 1/2" casing 3702-13, 3726-30 (20h)

Treat Benson Sand w/ 500 gals. HCl, 141 BW, 380,000 SCF N<sub>2</sub>, 46,100 # 20:40 SAND

BDP = 1888, Ave TP = 2500. Zone Produced SW. Set Bridge plug @ 3500'.

2nd Stage - Releg Sand - perforate 4 1/2" casing 3551-60 24 hole. Treated w/ 500 gal HCl, 400 BW, 16,000 # 20:40 SD BDP=2100

ATP-2500 #

STAGE 3 - Gordon Sand - Perforate 4 1/2" casing 1710-18' (24 holes) Treated w/ 500 gal HCl, 500 BW, 30,000 #

20:40 SAND, 250,000 SCF N<sub>2</sub>, BDP=2200 # ATP-2500 #

Formations Encountered:

Top Depth

Bottom Depth

Surface:

0 - 65' Shale	1418 - 1438 GANTZ SAND
65 - 144 SAND	1438 - 1493 Shale
144 - 317 Shale + SAND	1493 - 1697 SAND + Shale
317 - 410 SAND	1697 - 1728 Gordon SAND SG @ 1713'
410 - 510 Shale	1728 - 1798 Shale + SAND
510 - 535 SAND	1798 - 1859 4" A" SAND SG @ 1853'
535 - 620 Shale	1859 - 1899 Shale
620 - 653 SAND	1899 - 1921 4th SAND
653 - 708 Shale	1921 - 1937 Shale
708 - 787 Soft SAND	1937 - 1996 5th SAND
787 - 876 Shale	1996 - 2104 Shale
876 - 917 MARTON SAND	2104 - 2119 Bapand SAND
917 - 1064 Shale	2119 - 2514 Shale + siltstone
1064 - 1080 Little Lime	2514 - 2522' Speckled Sand
1080 - 1117 PENCIL CAVE	2522 - 3310 Shale
1117 - 1343 Big Lime	3310 - 3447 Riley SAND
1343 - 1382 SQUAW SAND	3447 - 3701 Shale
1382 - 1418 SAND + Shale	3701 - 3732 BENSON SAND SG @ 3705'
	3732 - 3902 T.D. - Shale + siltstone

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