

JK

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: 7/30/2013
API #: 47-73-02538

Farm name: A.G. Bailey Operator Well No.: 2
LOCATION: Elevation: 660 G.L., 667 KB. Quadrangle: RAVEN ROCK 7.5"
District: UNION County: Pleasants
Latitude: 2613' Feet South of 39 Deg. 25 Min. 00 Sec.
Longitude 9036' Feet West of 81 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, NY 26346</u>	<u>13 3/8" C₉₉</u>	<u>30'</u>	<u>Pulled</u>	
Agent: <u>Robert L. Matthey, JR.</u>	<u>9 5/8" C₉₉</u>	<u>255'</u>	<u>255'</u>	<u>C.T.S.</u>
Inspector: <u>Joe Taylor</u>	<u>7" C₉₉</u>	<u>866'</u>	<u>866'</u>	<u>C.T.S.</u>
Date Permit Issued: <u>6/08/2011</u>	<u>4 1/2" C₉₉</u>	<u>2455'</u>	<u>2455'</u>	<u>195 SK-C.T.S.</u>
Date Well Work Commenced: <u>6/29/2011</u>				
Date Well Work Completed: <u>7/25/2011</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Vertical Depth (ft): <u>2465'</u>				
Total Measured Depth (ft): <u>2465'</u>				
Fresh Water Depth (ft.): <u>60'</u>				
Salt Water Depth (ft.): <u>660'</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>886, 904, 994</u>				
Void(s) encountered (N/Y) Depth(s) <u>None</u>				

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

Producing formation Gordon Sand Pay zone depth (ft) 2292-96'
Gas: Initial open flow show MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 30 MCF/d Final open flow 1 Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 520 psig (surface pressure) after 10 Hours

Second producing formation Lower Pecans Sand Pay zone depth (ft) 1513-56
Gas: Initial open flow show MCF/d Oil: Initial open flow show Bbl/d
Final open flow 40 MCF/d Final open flow 1 Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 440 psig (surface pressure) after 10 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.

Robert L. Matthey, Jr.
Signature

7-13
Date

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, Neutron, Density, 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 2

Perforate 4 1/2" casing 1539-47'

Stimulate L. Pocono Sand w/ 600 gals 15% HCl. BDP = 2700'

Pump 1217 BW, 77,730* 20:40 SD. Ave TP = 3305'

Stage 1

Perforate Gordon SAND - 2292-97, (24 holes), Trd with 500 gals HCl, BDP = 2400'

320 BW and 19,983* 20:40 SAND. Ave TP = 1900'

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

Formations Encountered:

Surface:

Top Depth

/

Bottom Depth

0 - 600 shale + siltstone

600 - 653 shale, red

653 - 680 SAND

680 - 734 shale, red + gray

U. Dunkard sand - 734 - 765'

L. Dunkard sand - 788 - 846'

shale + coal 846 - 945

1st Cow Run SAND - 948 - 77'

3rd Cow Run SAND - 1040 - 74'

1st salt sand - 1102 - 40'

2nd salt SAND 1170 - 94 SI show gas

3rd salt sand - 1209 - 53

Big lime - 1287 - 1336

SQUAW SAND - 1336 - 64' SI show gas - 1530'

POCONO SAND - 1382 - 1557'

Shale + siltstone - 1537 - 1869'

Sullivan shale 1869 - 93

Bena Sand 1893 - 95

Gordon SAND - 2290 - 97

shale - 2297 - 2465 T.D.