

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: 12/06/13
API #: 47-039-06358

Farm name: Michael Pinkerton Operator Well No.: Haynes #2

LOCATION: Elevation: 852.11' Quadrangle: Pocatalico

District: Union County: Kanawha
Latitude: 11.596 Feet South of 38 Deg. 27 Min. 30 Sec.
Longitude 2.549 Feet West of 81 Deg. 37 Min. 30 Sec.

Company: Viking Energy Corp.

| Address: | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|--------------------------------------------------------------------------------------------------------|-----------------|------------------|--------------|------------------------|
| 8113 Sissonville Dr. Sissonville, WV 257 | 13 3/8" | 30' | 30' | sanded in |
| Agent: <u>Michael Pinkerton</u> | 9 5/8" | 378' | 378' | 135 sks |
| Inspector: <u>Terry Urban</u> | 7" | 1960' | 1960' | 215 sks |
| Date Permit Issued: <u>6/12/2013</u> | 4 1/2" | 4888' | 4888' | 250 sks |
| Date Well Work Commenced: <u>7/27/13</u> | | | | |
| Date Well Work Completed: <u>10/13/13</u> | | | | |
| Verbal Plugging: <u>N/A</u> | | | | |
| Date Permission granted on: | | | | |
| Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/> | | | | |
| Total Vertical Depth (ft): <u>4,888</u> | | | | |
| Total Measured Depth (ft): <u>4,878</u> | | | | |
| Fresh Water Depth (ft.): <u>130'</u> | | | | |
| Salt Water Depth (ft.): <u>1200'</u> | | | | |
| Is coal being mined in area (N/Y)? <u>NO</u> | | | | |
| Coal Depths (ft.): <u>None</u> | | | | |
| Void(s) encountered (N/Y) Depth(s) <u>NO</u> | | | | |

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

Producing formation Berea Pay zone depth (ft) 2313-2319'
Gas: Initial open flow 70 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 24 Hours
Static rock Pressure 670 psig (surface pressure) after 24 Hours

Second producing formation Welch Pay zone depth (ft) 2215-2267'
Gas: Initial open flow 70 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 24 Hours
Static rock Pressure 670 psig (surface pressure) after 24 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.

Michael Pinkerton
Signature

12-6-13
Date

02/28/2014

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| Inspector: Terry Urban | 7" | 1960' | 1960' | 215 sks |
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| Date Permission granted on: | | | | |
| Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/> | | | | |
| Total Vertical Depth (ft): 4,888 | | | | |
| Total Measured Depth (ft): 4,878 | | | | |
| Fresh Water Depth (ft.): 130' | | | | |
| Salt Water Depth (ft.): 1200' | | | | |
| Is coal being mined in area (N/Y)? NO | | | | |
| Coal Depths (ft.): None | | | | |
| Void(s) encountered (N/Y) Depth(s) NO | | | | |

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

Producing formation Huron Pay zone depth (ft) 3536-4269'
Gas: Initial open flow 70 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 24 Hours
Static rock Pressure 670 psig (surface pressure) after 24 Hours

Second producing formation Rhinestreet Pay zone depth (ft) 4551-4740'
Gas: Initial open flow 70 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 24 Hours
Static rock Pressure 670 psig (surface pressure) after 24 Hours

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Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No X

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Compensate Neutron Photo Density Array Induction, GR-CCL-VDLP

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:

1) Perforate (Rhinstreet) with 20 shots from 4551-4740' break & increase rate to 60,000 scf/min. pump a total of 800,000 N2 dropping 10 Ea 7/8" X 1.3 Sp. Gr. Perf balls @400 mscf

N2, SD get ISDP, 5 min & 10 Sl.-

2) Perforate (Huron) with 40 shots from 3536-4269' set LMFP plug @4,310' pump 350 gal 15% Hcl acid (drop ball 2 bbl acid). Land ball on plug @30,000 mscf. As soon as ball lands

increase rate to 60,000 scf/min. drop 8 each 7/8 x 1.3 SpGr balls @ 300,500, & 700 mscf. Pump a total of 1,000 mscf. Pump 150 gals 15% Hcl acid after balls @500,000. SD.

3) Perforate Berea with 18 shots from 2313-2319' Set LMFP @2350'. Pump 350 gal 15% Hcl acid (drop ball after 1 bbl acid) & treated water, land ball on plug. Break with 10 bbls treated water. Start pad & pump as per enclosed schedule.

Displace with 350 gals 15% Hcl acid & treated water. 4) Perforate (Welch) w/20 shots from 2215-2267' set LMFP @2290' chase ball down with perf gun to land on plug. Break w/5 bbls water & continue stimulations. Flush 1 bbl of top perf SD

Plug Back Details Including Plug Type and Depth(s): all plugs were knocked out.

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

Attached

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WV Department of
Environmental Protection

02/28/2014

| Fomation | Top | Bottom |
|------------------|------|--------|
| Clay/Dirt | 0 | 20 |
| San/Shale | 20 | 364 |
| Shale | 364 | 560 |
| Sand | 560 | 596 |
| Shale/shale | 596 | 1224 |
| Sands | 1224 | 1624 |
| L Lime | 1624 | 1650 |
| B. Lime | 1650 | 1840 |
| Shale Injun Sand | 1840 | 1920 |
| Shale | 1920 | 1980 |
| Coffee Shale | 1980 | 2310 |
| Berea | 2310 | 2320 |
| Shale/silts | 2320 | 3530 |
| Huron | 3530 | 4270 |
| Shale | 4270 | 4360 |
| Rhinestreet | 4360 | 4742 |
| Shale/silts | 4742 | 4802 |
| Marcellus | 4802 | 4868 |
| Onandaga | 4868 | 4888 |