

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: JULY 22, 2013
API #: 047-039-06341

Farm name: ANNA C. SKINNER Operator Well No.: 26

LOCATION: Elevation: 1029' Quadrangle: BLUE CREEK 7.5'

District: ELK County: KANAWHA
Latitude: 8490' Feet South of 38 Deg. 27 Min. 30 Sec.
Longitude 11,280' Feet West of 81 Deg. 22 Min. 30 Sec.

Company: C. I. McKOWN & SON, INC.

| Address: | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|---|-----------------|------------------|--------------|------------------------|
| P.O. BOX 711 NEWTON, WV 25266 | 7" | 580' | 580' | CTS |
| Agent: C. I. McKOWN, II | | | | |
| Inspector: TERRY URBAN | 4 1/2" | 2180' | 2180' | 245 |
| Date Permit Issued: 07/05/2012 | | | | |
| Date Well Work Commenced: 09/27/2012 | | | | |
| Date Well Work Completed: 11/09/2012 | | | | |
| Verbal Plugging: N/A | | | | |
| Date Permission granted on: N/A | | | | |
| Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/> | | | | |
| Total Vertical Depth (ft): 2172' | | | | |
| Total Measured Depth (ft): 2172' | | | | |
| Fresh Water Depth (ft.): N/A | | | | |
| Salt Water Depth (ft.): 1070' | | | | |
| Is coal being mined in area (N/Y)? NO | | | | |
| Coal Depths (ft.): N/A | | | | |
| 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 WEIR Pay zone depth (ft) 2033'-2086'

Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 99 MCF/d Final open flow 10 Bbl/d

Time of open flow between initial and final tests 36 Hours

Static rock Pressure 380 psig (surface pressure) after 168 Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Received

AUG - 2 2013

Office of Oil and Gas
WV Dept. 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
its: President

07/22/2013
Date

09/27/2013

39-06341

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 OPEN HOLE: GAMMA-RAY, NEUTRON, COMPENSATED DENSITY, TEMPERATURE, INDUCTION AND CALIPER. CASED HOLE: GAMMA-RAY AND BOND LOG

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:

PERFORATE 2033'-2043' (30 HOLES) AND 2072'-2086' (22 HOLES) AND STIMULATE WITH 1250 GALLONS OF 15% HCl ACID, 112 MSCF OF N2, 987 BBLs OF WATER, AND 72,300 LBS OF 20/40 SAND.

Plug Back Details Including Plug Type and Depth(s): N/A

| <u>Formations Encountered:</u> <u>Surface:</u> | <u>Top Depth</u> | <u>Bottom Depth</u> |
|---|------------------|---------------------|
| DIRT | 0 | 10 |
| SAND | 10 | 30 |
| REDROCK | 30 | 90 |
| SAND | 90 | 170 |
| REDROCK/SHALE | 170 | 380 |
| SAND | 380 | 560 |
| SHALE | 560 | 620 |
| SAND | 620 | 660 |
| SHALE | 660 | 700 |
| SAND | 700 | 745 |
| SHALE | 745 | 770 |
| SAND | 770 | 785 |
| SHALE | 785 | 815 |
| SAND | 815 | 875 |
| SHALE | 875 | 980 |

09/27/2013

Formations Encountered:

Top Depth

Bottom Depth

Surface:

39-06341

| Formations Encountered: | Top Depth | Bottom Depth |
|-------------------------|-----------|--------------|
| SAND | 980 | 1489 |
| SHALE | 1489 | 1595 |
| SAND | 1595 | 1616 |
| SHALE | 1616 | 1626 |
| LIME | 1626 | 1841 |
| SHALE | 1841 | 2017 |
| SAND | 2017 | 2086 |
| SHALE | 2086 | 2172 |
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