

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas
Well Operator's Report of Well Work

Farm Name: C. O. Davis
Location: Elevation: 1865.25'
District: Sandy River
Latitude: 6,767 Feet South of 37 Degrees 27 Minutes 30 Seconds
Longitude: 1,440 Feet West of 81 Degrees 47 Minutes 30 Seconds
Operator Well No. 4 CBM
Quadrangle: Jaeger 7.5
County: McDowell

Company: Northport Production Company
2601 NW Expressway St. Suite 902-E
Oklahoma City, Oklahoma 73112

Agent: W. T. White
Inspector: Barry Stollings
Permit Issued: 11/2/2005
Well work Commenced: 9/27/2005
Well work Completed: 9/27/2005
Verbal Plugging Permission granted on: N/A
Rotary Cable Tool Rig
Total Depth (ft): LTD- DTD-
Fresh Water Depths (ft):
Salt Water Depths (ft):
Is coal being mined in area:
Coal Depths:

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement Fill Up Cu. Ft.
Rows: 16", 12 3/4", 9 5/8", 7", 4 1/2"
Note: See Original WR-25

OPEN FLOW DATA:

Producing formation(s): 7 Coal Seams - see page 2 for list Pay zone depth (ft) see page 2
Gas: Initial open flow No Show MCF/D Oil: Initial open flow 0 Bbl/d
Final open flow No Show 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

Second producing formation(s): 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

NOTE: ON THE BACK OF THIS FORM 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 ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

FOR: Northport Production Company
BY: Tom White - Consultant
DATE: 7-19-2013

RECEIVED
Office of Oil & Gas

JUL 22 2013

September 27, 2005

MIRU Superior Well Service to run GR/CBL/CCL (*all depths correlated back to open hole log*).

Logger's TD -- 1450' Calc TOC -- Surface Actual TOC -- Surface Marker Jt. -- 1030'

Superior Well Services to conduct 4-stage completion. Lines tested to 4207 psi.

RIH with Dump Bailor, spotted acid (1020' - 1040'). ROH with Bailor.

RIH with 3 1/8" SF perforating gun, perforated Beckley Coal (1363' - 1364'). ROH with gun.

1st Stage - Beckley Coal: (1363' - 1364') - 12 holes total. Water Frac.

6 Bbls. (250 gals.) 28% HCl; 217 Bbls. Twtr.

BKDN -- 4076 psi. ATP -- 2544 psi. AIR -- 15.1 bpm. ISIP -- 1496 psi.

RIH with 3 1/8" SF perforating gun, perforated Beckley "A" Coal (1327' - 1328'). ROH with gun.

3 5/16" baffle at 1336'. Dropped frac ball in 9 Bbls. 28% HCl, followed by water breakdown.

2nd Stage, Phase I - Beckley "A" Coal: (1327' - 1328') - 12 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 215 Bbls. Twtr.

BKDN -- 3672 psi. ATP -- 3850 psi. AIR -- 13.8 bpm. ISIP -- N/A

RIH with 3 1/8" SF perforating gun, perforated Little Raleigh Coal (1257' - 1259'). ROH with gun.

2nd Stage, Phase II - Little Raleigh Coal: (1327' - 1328') - 12 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 125 Bbls. Twtr.

BKDN -- 3300 psi. ATP -- 3950 psi. AIR -- 14.1 bpm. ISIP -- 2339 psi.

RIH with 3 1/8" SF perforating gun, perforated Welch Coal (1095' - 1097'). ROH with gun.

3 7/16" baffle at 1168'. Dropped frac ball in 9 Bbls. 28% HCl, followed by water breakdown.

3rd Stage, Phase I - Welch Coal: (1095' - 1097') - 12 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 250 Bbls. Twtr.

BKDN -- 3000 psi. ATP -- 3000 psi. AIR -- 16.0 bpm. ISIP -- N/A

RIH with 3 1/8" SF perforating gun, perforated Welch "A" Coal (1057' - 1059'). ROH with gun.

3rd Stage, Phase II - Welch "A" Coal: (1057' - 1059') - 12 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 250 Bbls. Twtr.

BKDN -- 2658 psi. ATP -- 2000 psi. AIR -- 15.5 bpm. ISIP -- 992 psi.

RIH with 3 1/8" SF perforating gun, perforated Lower Sewell Coal (936' - 937'). ROH with gun.

3 9/16" baffle at 1040'. Dropped frac ball in 9 Bbls. 28% HCl, followed by water breakdown.

4th Stage, Phase I - Lower Sewell Coal: (936' - 937') - 12 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 125 Bbls. Twtr.

BKDN -- 1973 psi. ATP -- 1000 psi. AIR -- 15.6 bpm. ISIP -- N/A

RIH with 3 1/8" SF perforating gun, perforated Sewell Coal (909' - 910'). ROH with gun.

4th Stage, Phase II - Sewell Coal: (909' - 910') - 12 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 125 Bbls. Twtr.

BKDN -- 1116 psi. ATP -- 2850 psi. AIR -- 15.6 bpm. ISIP -- 191 psi.

RDMO Meeks Wireline and Superior Well Services. RU flowback and open well on 1/4" choke.

RECEIVED
Office of Oil & Gas

JUL 22 2013

WV Department of
Environmental Protection