

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

Farm Name: C. O. Davis Operator Well No. 3 CBM
Location: Elevation: 1680.0' Quadrangle: Jaeger 7.5
District: Sandy River County: McDowell
Latitude: 5,738 Feet South of 37 Degrees 27 Minutes 30 Seconds
Longitude: 406 Feet West of 81 Degrees 47 Minutes 30 Seconds

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:
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"
Content: See Original WR-35

OPEN FLOW DATA:

Producing formation(s): 5 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 Services, run GR/CCL.

Logger's TD -- 1450' Calc TOC -- Surface Actual TOC -- Surface Marker Jt. -- 839-849'

MIRU Superior Well Services to conduct 6-stage completion.

RIH with Dump Bailor, spotted 28% acid. ROH with Bailor.

RIH with 3 1/8" SF perforating gun, perforated Beckley Coal & Beckley "A" Coal. ROH with gun.

3 5/16" baffle at 1236'. Breakdown on water.

1st Stage, Phase I, Beckley Coal (1196.5-1198' - 12 holes) – Water Frac

6 Bbls. (250 gals) 28% HCl, 230 Bbls. water treated for iron.

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

1st Stage, Phase II, Beckley "A" Coal (1182.2-1184.7' - 16 holes) – Water Frac

9 Bbls. (375 gals) 28% HCl with 14 perf balls, 290 Bbls. water treated for iron.

BKDN -- 3672 psi. ATP -- 3850 psi. AIR -- 13.8 bpm.

RIH with 3 1/8" SF perforating gun, perforate Phase I of 2nd Stage, 3 7/16" baffle at 1150'

2nd Stage, Phase I, Little Raleigh Coal (1098.6-1010.1' - 12 holes) – Water Frac

9 Bbls. (375 gals) 28% HCl with 3.50" frac ball, 125 Bbls. water treated for iron.

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

2nd Stage, Phase II, Little Raleigh "B" Coal (1035.8-1039.3' - 20 holes) – Water Frac

9 Bbls. (375 gals) 28% HCl with 14 perf balls, 435 Bbls. water treated for iron.

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

RIH with 3 1/8" SF perforating gun, perforate Phase I of 3rd Stage, 3 9/16" baffle at 1021'

3rd Stage, Phase I, Welch Coal (946.5-948.5' - 14 holes) – Water Frac

9 Bbls. (375 gals) 28% HCl with 3.50" frac ball, 250 Bbls. water treated for iron.

BKDN -- 3000 psi. ATP -- 3000 psi. AIR -- 16.0 bpm.

3rd Stage, Phase II, Welch "A" Coal (887.5-889.0' - 12 holes) – Water Frac

9 Bbls. (375 gals) 28% HCl with 16 perf balls, 185 Bbls. water treated for iron.

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

Well shut in, Superior Well Services wireline and pumping RDMO location.

RECEIVED
 Office of Oil & Gas

JUL 22 2013

 WV Department of
 Environmental Protection

07/26/2013