

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. 2 CBM
Location: Elevation: 1392.00'
District: Sandy River
Latitude: 3,523 Feet South of 37 Degrees 27 Minutes 30 Seconds
Longitude: 487 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: 11/18/2005
Well work Completed: 12/6/2005
Verbal Plugging Permission granted on: N/A
Rotary Cable Tool Rig
Total Depth (ft): LTD- DTD-

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

Fresh Water Depths (ft):
Salt Water Depths (ft):
Is coal being mined in area:
Coal Depths:

OPEN FLOW DATA:

Producing formation(s): See Next Pay zone depth (ft) See Next
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

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JUL 22 2013

November 18, 2005

MIRU Allegheny Wireline Services, Inc. to run GR/CBL/CCL (*all depths correlated back to open hole log*).

Logger's TD -- 1457' Calc TOC -- Surface Actual TOC -- Surface Marker Jt. -- 385'

MIRU Universal Well Services to conduct 5-stage completion. Tested lines to 4400 psi.

RIH with 3 1/8" SF perforating gun, perforated Poca 3 Coal (1334' - 1335'). ROH with gun.

1st Stage, Phase I - Poca 2 Coal: (1334' - 1335') - 16 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 115 Bbls. Twtr.

BKDN -- 3340 psi. ATP -- 3668 psi. AIR -- 7.0 bpm. ISIP -- 2700 psi.

RIH with 3 1/8" SF perforating gun, perforated Poca 3 Coal (1285' - 1287'). ROH with gun.

Beginning Phase II, dropped 18 perf balls in 9 Bbls. 28% HCl to seal off Stage 1, Phase I perfs.

1st Stage, Phase II - Poca 3 Coal: (1285' - 1287') - 12 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 53 Bbls. Twtr.

BKDN -- 3967 psi. ATP -- 3678 psi. AIR -- 4.0 bpm. ISIP -- 2600 psi.

RIH with 3 1/8" SF perforating gun, perforated Beckley Coal (952' - 955'). ROH with gun.

RIH with wireline, Set "LM" Frac Plug at 970'. ROH.

2nd Stage - Beckley Coal: (952' - 955') - 18 holes total. Water Frac.

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

BKDN -- 2680 psi. ATP -- 3195 psi. AIR -- 14.0 bpm. ISIP -- 1870 psi.

RIH with 3 1/8" SF perforating gun, perforated Beckley "A" Coal (920' - 923'). ROH with gun.

RIH with wireline, Set "LM" Frac Plug at 935'. ROH.

3rd Stage - Beckley "A" Coal: (920' - 923') - 16 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 340 Bbls. Twtr.

BKDN -- 2776 psi. ATP -- 2688 psi. AIR -- 16.6 bpm. ISIP -- 1860 psi.

Shut Frac Job down, water lines to tanks froze off. Rescheduled Frac for a later date.

RDMO Allegheny Wireline Services, Inc. and Universal Well Services, Inc.

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WV Department of
Environmental Protection

07/26/2013

December 6, 2005

MIRU Schlumberger Wireline and Pumping to finish 2-stage's of 5-stage completion. Tested lines to 5000 psi.

RIH with 3 1/8" SF perforating gun, perforated Little Raleigh Coal (838' - 841'). ROH with gun.

4th Stage, Phase I - Little Raleigh Coal: (838' - 841') - 18 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 166 Bbls. Twtr.

BKDN -- 3100 psi. ATP -- 1677 psi. AIR -- 16.1 bpm. ISIP -- n/a

RIH with 3 1/8" SF perforating gun, perforated Little Raleigh "B" Coal (770' - 773'). ROH with gun.

Beginning of Phase II, dropped 20 perf balls in 9 Bbls. 28% HCl to seal off Stage 4, Phase I perms.

4th Stage, Phase II - Little Raleigh "B" Coal: (770' - 773') - 18 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 373 Bbls. Twtr.

BKDN -- 2600 psi. ATP -- 3331 psi. AIR -- 13.4 bpm. ISIP -- 2230 psi.

RIH with 3 1/8" SF perforating gun, perforated Welch Coal (681' - 682'). ROH with gun.

RIH with wireline, Set "LM" Frac Plug at 695'. ROH.

5th Stage, Phase I - Welch Coal: (681' - 682') - 12 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 186 Bbls. Twtr.

BKDN -- 2625 psi. ATP -- 2200 psi. AIR -- 17.0 bpm. ISIP -- n/a

RIH with 3 1/8" SF perforating gun, perforated Welch "A" Coal (645' - 648'). ROH with gun.

Beginning of Phase II, dropped 18 perf balls in 9 Bbls. 28% HCl to seal off Stage 5, Phase I perms.

5th Stage, Phase II - Welch "A" Coal: (645' - 648') - 16 holes total. Water Frac.

9 Bbls. (375 gals.) 28% HCl; 325 Bbls. Twtr.

BKDN -- 2025 psi. ATP -- 2186 psi. AIR -- 17.1 bpm. ISIP -- 1200 psi.

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

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