

submitted in lieu of Form 3160-5

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2003 JUN 19 PM 12: 47

070 Farmington, NM

1. Type of Well
Gas

2. Name of Operator
Chesapeake Operating Incorporated

3. Address & Phone No. of Operator 505-327-4892
C/o Wash Engineering & Production Corp. 7415 E. Main, Farmington, NM 87402

Location of Well, Footage, Sec., T, R, M

1500' FSL and 800' FEL, Sec. 19, T-25-N, R-7-W,

5. Lease Number
SF-078477
If Indian, All. or
Tribe Name

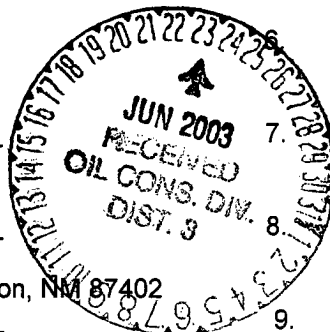
7. Unit Agreement Name

8. Well Name & Number
Nordhaus WN Federal #7

9. 30-039-08069

10. Field and Pool
Ballard Pictured Cliffs

11. County & State
Rio Arriba County, NM



12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Chesapeake Operating Incorporated plugged and abandoned this well per the attached plug and abandonment report on May 23, 2003.

14. I hereby certify that the foregoing is true and correct.

Signed Paul C. Thompson
Paul C. Thompson

Title _____
Agent

Date 6/4/03

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

Date _____

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

JUN 20 2003

NMOCD

FARMINGTON FIELD OFFICE
BY SW

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

Chesapeake - Horizon Natural Gas
Nordhaus WN Federal #7
1500' FSL & 800' FEL, Section 19, T-25-N, R-7-W
Rio Arriba County, NM
Lease Number: SF - 078477
API Number: 30-039-08069

May 30, 2003
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Plug & Abandonment Report

Cementing Summary:

Plug #1 with retainer at 1900', mix and pump 51 sxs cement, squeeze 43 sxs below CR and spot 8 sxs cement above up to 1795' to isolate Pictured Cliffs perforations and to cover the Fruitland.

Plug #2 with 13 sxs cement with 2% CaCl₂ inside casing from 1671' to 1500' to cover the Kirtland top.

Plug #2a with 8 sxs cement inside casing from 1598' to 1493' to cover Kirtland top.

Plug #2b with 5 sxs cement with 2% CaCl₂ inside casing from 1568' to 1499'.

Plug #3 with retainer at 1432', spot 18 sxs cement inside casing above retainer from 1430' to 1193' to cover the Ojo Alamo top.

Plug #4 with 81 sxs cement pumped down the 4-1/2" casing from 217' to surface, circulate good cement out bradenhead.

Plugging Summary:

Notified BLM 5/20/03

5/20/03 MOL. Check pressures: 70# casing, 55# bradenhead and 0# tubing pressure. Layout relief line to pit. Fence and line pit. Open up well and blow down. ND wellhead. NU BOP and test. PU on tubing, unseat and remove hanger. TOH and tally 77 joints 2-3/8" EUE tubing, total 2222'. Round-trip 4-1/2" casing scraper to 1935'. TIH with 4-1/2" DHS cement retainer to 1900'. Shut in well. SDFD.

5/21/03 Safety Meeting. Open up well and blow down 40# casing pressure. Set 4-1/2" DHS retainer at 1900'. Pressure test tubing to 1000#. Sting out of retainer. Load casing with 24 bbls water and then circulate another 5 bbls. Attempt to pressure test casing, leak 1-1/2 bpm at 300#. **Plug #1** with retainer at 1900', mix and pump 51 sxs cement, squeeze 43 sxs below CR and spot 8 sxs cement above up to 1795' to isolate Pictured Cliffs perforations and to cover the Fruitland top. PUH to 1671'. **Plug #2** with 13 sxs cement with 2% CaCl₂ inside casing from 1671' to 1500' to cover the Kirtland top. PUH to 1499' and reverse circulate the hole clean with 10 bbls fresh water; recover 1/2 bbl gray water. PUH and WOC. TIH and tag cement at 1598', tag 43' below required. Attempt to pressure test casing, leak 1 bpm at 500#. **Plug #2a** with 8 sxs cement inside casing from 1598' to 1493' to cover Kirtland top. PUH to 1499' and reverse circulate hole clean with 10 bbls of water, recover 1 bbl of gray water. PUH with 5 stands. Shut in well and SDFD.

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Plug & Abandonment Report

Plugging Summary Continued:

5/22/03 Safety Meeting. Open up well and TIH to tag cement at 1565', which is 10' below required. Attempt to pressure test casing, leak 1-1/2 bpm at 300#. Plug #2b with 5 sxs cement with 2% CaCl₂ inside casing from 1568' to 1499'. PUH and reverse circulate well clean with 10 bbls of water, circulate out 1/2 bbl of slightly gray water. PUH and WOC. TIH and tag cement at 1565'. Attempt to pressure test casing, leak. W. Townsend, BLM, approved TOC for plug at 1565'. TOH with tubing. Perforate 3 HSC squeeze holes at 1480'. Set 4-1/2" PlugWell wireline retainer at 1432'. TIH with stinger to retainer at 1432'. Attempt to pressure test casing, leak 1-1/2 bpm at 300# while circulating out bradenhead. Sting into retainer. Unable to establish rate into squeeze holes, pressured up to 1500#. W. Townsend, BLM, approved procedure change. Plug #3 with retainer at 1432', spot 18 sxs cement inside casing above retainer from 1430' to 1193' to cover the Ojo Alamo top. TOH with tubing. Shut in well. SDFD.

5/23/03 Held Safety Meeting. TIH and tag cement at 1165'. Attempt to pressure test casing, circulated out bradenhead. W. Townsend, BLM, required the casing leak be isolated before setting the surface plug. PU 4-1/2" fullbore packer and TIH. Set packer at 230'. Load casing with 1/2 bbl of water and pressure test casing annulus from 230' to surface, held OK. TOH and LD tubing with packer. TIH and set 4-1/2" PlugWell wireline set CIBP at 230', to prevent surface plug cement from going down and out the casing leak. Perforate 3 squeeze holes at 217'. Establish circulation out bradenhead with 1/2 bbl of water. Plug #4 with 81 sxs cement pumped down the 4-1/2" casing from 217' to surface, circulate good cement out bradenhead. Shut in well and WOC. Dig out and cut off wellhead. Found cement at surface in both the casing and annulus. Mix 12 sxs cement to install P&A marker. RD and MOL. V. Jamieson, BLM representative, was on location.