

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Sundry Notices and Reports on Wells

2004 JUL 12 PM 4 26

RECEIVED

1. Type of Well  
Gas

5. Lease Number  
070 FARMINGTON NMNM-03547

2. Name of Operator  
Caulkins Oil Company

6. If Indian, All. or  
Tribe Name

3. Address & Phone No. of Operator  
1409 W. Aztec Blvd. Suite B7, Aztec, NM 87410

7. Unit Agreement Name

4. Location of Well, Footage, Sec., T, R, M  
1650' FSL and 1090' FWL, Sec. 33, T-27-N, R-6-W

8. Well Name & Number  
Breech F #25

9. API Well No.  
30-039-06800-00S1

10. Field and Pool  
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

Caulkins Oil Company plans to plug and abandon this well per the attached procedure.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

Signed Robert L. Verquer Title Superintendent Date July 9, 2004  
Robert L. Verquer

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date JUL 16 2004  
CONDITION OF APPROVAL, if any:

NMOC

## PLUG AND ABANDONMENT PROCEDURE

July 2, 2004

### Breech F #25

South Blanco Pictured Cliffs

1650' FSL & 1090' FWL Section 33, T27N, R6W

Rio Arriba County, New Mexico, API #30-039-06800-00S1

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement is ASTM Type III, mixed at 14.5 ppg with a yield of 1.39 cf/sx.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Caulkins safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and LD 3170' of 1" tubing. Prepare 2-3/8" workstring. Make a 2-7/8" gauge ring run to 3156'.
3. **Plug #1 (Pictured Cliffs Interval, 5-1/2" casing shoe, and Fruitland tops, 3056' – 2795')**: GIH and set 2-7/8" cement retainer or bridge plug at 3156'. Pressure test tubing to 1000 psi. Load casing with water and circulate the well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 31 sxs cement and spot a balanced plug inside casing above the retainer to isolate the 5-1/2" casing shoe, Pictured Cliffs, and Fruitland tops. POH with tubing to 2670'.
4. **Plug #2 (Kirtland, Ojo Alamo, and Nacimiento tops, 2670' – 2425')**: Mix 30 sxs cement and spot a balanced plug inside casing to cover the Kirtland, Ojo Alamo, and Nacimiento tops. LD tubing to 1443' and TOH.
5. **Plug #3 (Nacimiento top, 1493' – 1393')**: Made a 5-1/2" gauge ring run to 1443'. Perforate 3 squeeze holes at 1493'. TIH and set 5-1/2" CR at 1443'. Establish rate below the CR into squeeze holes and attempt to establish circulation out the bradenhead. With bradenhead valve open, mix 43 sxs cement, squeeze 27 sxs cement outside 5-1/2" casing and leave 16 sxs cement inside casing to cover the Nacimiento top. LD remaining tubing.
6. **Plug #4 (10-3/4" casing shoe and surface, 459' - Surface)**: Perforate 3 squeeze holes at 459'. Establish circulation out the bradenhead valve with water and circulate clean. Mix and pump approximately 184 sxs cement down the 5-1/2" casing and to circulate good cement out bradenhead valve. Shut well in and WOC.
7. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

## Breech F #25

### Current

South Blanco Pictured Cliffs

SW, Section 33, T-27-N, R-6-W, Rio Arriba County, NM

API # 30-039-06800-00S1

Today's Date: 07/02/04

Spud: 05/31/52

Completed: 06/11/52

Elevation: 6644' DF

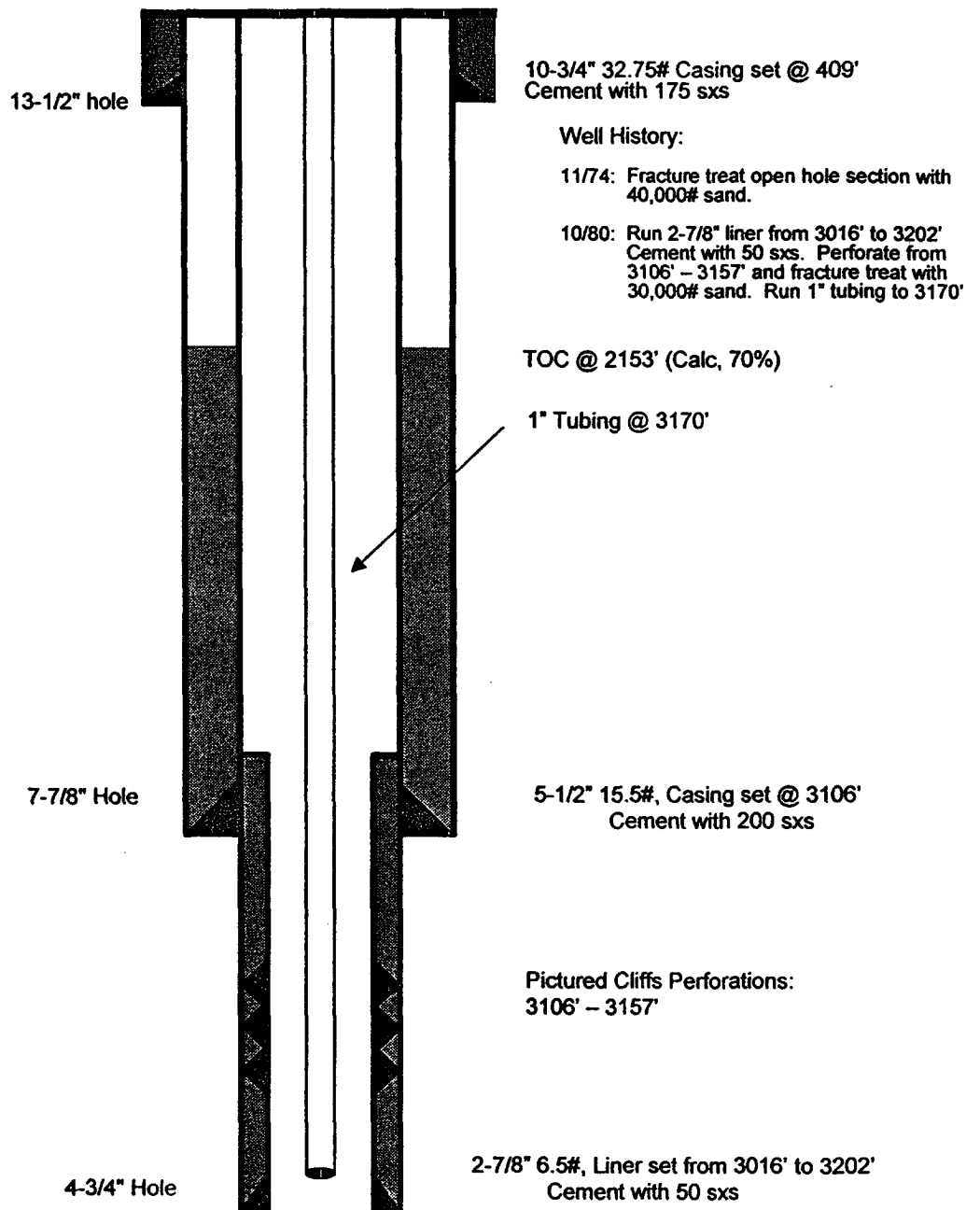
Nacimiento @ 1443'

Ojo Alamo @ 2475'

Kirtland @ 2620'

Fruitland @ 2845'

Pictured Cliffs @ 3107'



TD 3202'

## Breech F #25

### Proposed P&A

South Blanco Pictured Cliffs

SW, Section 33, T-27-N, R-6-W, Rio Arriba County, NM

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