

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. Lease

NMSF-079304

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals)

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Well Name and No.

SANCHEZ 5

9. API Well No.

30-039-21104-00C1

10. Field and Pool, Exploratory Area

CHACRA, PICTURED CLIFFS

11. Country or Parish, State

Rio Arriba Co., New Mexico

1. Oil Well ☐ Gas Well ☐ Other ☐
GAS WELL

2. Name of Operator:

Caulkins Oil Company

3. Address of Operator:

(505) 632-1544

P.O. Box 340, Bloomfield, NM 87413

4. Location of Well (Footage, Sec., Twp., Rge.)

790' F/S 820' F/W

SEC. 25-26N-6W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment Notice

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut-Off

☐ Altering Casing

☐ Conversion to Injection

☐ Other

☐ Dispose Water

17. Describe Proposed or Completed Operations:

3-5-03

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

Estimated starting date, April 14, 2003



NOTE: The format is issued in lieu of U.S. BLM Form 3160-5

18. I HEREBY CERTIFY THE FOREGOING IS TRUE AND CORRECT

SIGNED: Robert L. Verquer
ROBERT L. VERQUER

TITLE: Superintendent DATE: March 5, 2003

APPROVED BY: Original Signed: Stephen Mason TITLE: _____ DATE: 3/24/03
CONDITIONS OF APPROVAL, IF ANY

NMOCD

PLUG AND ABANDONMENT PROCEDURE

February 19, 2003

Sanchez #5

South Blanco Pictured Cliffs/Otero Chacra
790' FSL & 820' FWL Section 25, T26N, R6W
Rio Arriba County, New Mexico, API #30-039-21104

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 II, mixed at 15.6ppg with a yield of 1.18 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 tally 3742' of 1-1/4" tubing. Visually inspect, if necessary LD tubing and prepare a 2-3/8" workstring. Round-trip 4-1/2" casing scraper or gauge ring to 3746'.
3. **Plug #1 (Chacra perforations and top, 3724' – 3674'):** RIH and set 4-1/2" CR at 3724'. Pressure test tubing to 1000#. Sting out of retainer and load casing. Mix 10 sxs cement and spot a balanced plug inside casing above the BP to isolate the Chacra perforations and cover the top. TOH with tubing.
4. **Plug #2 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 2856' – 2220'):** RIH and set 4-1/2" CIBP at 2856'. TIH to CIBP at 2856'. Test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 52 sxs cement and spot a balanced plug inside casing above the cement retainer to isolate the Pictured Cliffs perforations and cover through to the Ojo Alamo top. PUH with tubing to 1230'.
5. **Plug #3 (Nacimiento top, 1230' – 1130'):** Mix 12 sxs cement and spot a balanced plug inside 4-1/2" casing to cover the Nacimiento top. TOH and LD tubing.
6. **Plug #4 (8-5/8" Surface casing, 205' - Surface):** Perforate 3 squeeze holes at 205'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 59 sxs cement down the 4-1/2" casing 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.

Sanchez #5

Current

South Blanco Pictured Cliffs/Otero Chacra

SW, Section 25, T-26-N, R-6-W, Rio Arriba County, NM

API #30-039-21104

Today's Date: 2/18/03

Spud 8/13/75

Completed: PC 8/20/75

Ch 8/30/75

Elevation: 6623' GL

12-3/4" hole

8-5/8" 24# Casing set @ 155'
Cement with 125 sxs, Circulated to Surface

TOC @ 750' (T.S.)

Well History

Jun '82: Commingled: Pulled 1" tubing and 1-1/4" tubing, removed seal assembly. Reran 1-1/4" IJ tubing to 3474' for commingled PC/Ch production. Swabbed well in and flowed to clean up. Return to production.
Nov '01: TOH with 1-1/4" tubing, change out 22 bad joints tubing on bottom, TIH with 1-1/4" tubing and return to production.

Nacimiento @ 1180'

Ojo Alamo @ 2270'

Kirtland @ 2500'

Fruitland @ 2640'

Pictured Cliffs @ 2900'

1-1/4" Tubing @ 3742'

Pictured Cliffs Perforations:
2906' - 2978'

Chacra @ 3792'

Model D @ 3754'

Chacra Perforations:
3796' - 3906'

6-3/4" Hole

4-1/2" 10.5#, H-40 Casing set @ 4050'
Cement with 622 sxs

TD 4050'

Sanchez #5

Proposed P&A

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SW, Section 25, T-26-N, R-6-W, Rio Arriba County, NM

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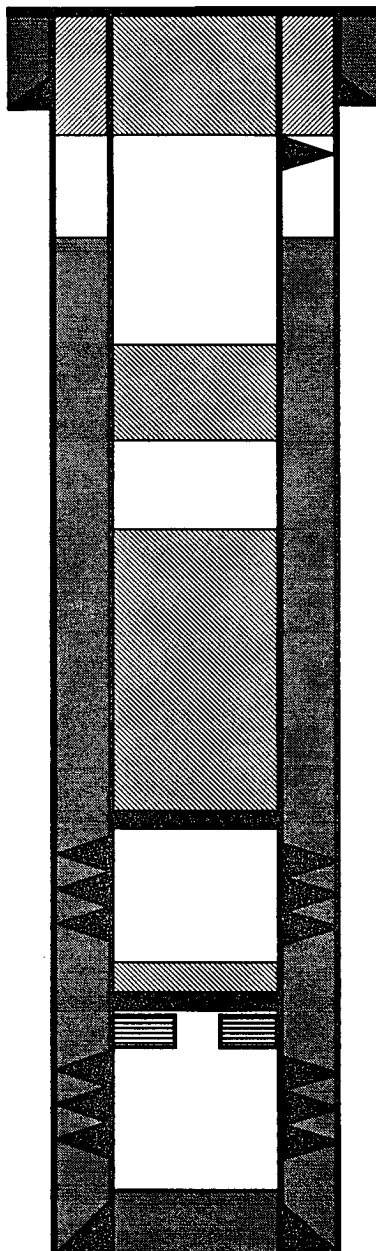
Kirtland @ 2500'

Fruitland @ 2640'

Pictured Cliffs @ 2900'

Chacra @ 3792'

6-3/4" Hole



8-5/8" 24# Casing set @ 155'
Cement with 125 sxs, Circulated to Surface

Perforate @ 205'

TOC @ 750' (T.S.)

Plug #4: 205'- Surface
Cement with 60 sxs

Plug #3: 1230'-1130'
Cement with 12 sxs

Plug #2: 2856'-2220'
Cement with 52 sxs

Set CIBP @ 2856'

Pictured Cliffs Perforations:
2906' - 2978'

Plug #1: 3724'-3674'
Cement with 10 sxs

Set Cmt Retainer @ 3724'

Model D @ 3754'

Chacra Perforations:
3796' - 3906'

4-1/2" 10.5#, H-40 Casing set @ 4050'
Cement with 622 sxs

TD 4050'