

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30-039-06500

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

E29117

7. Lease Name or Unit Agreement Name

STATE "A"

8. Well No.

293

Pool Name or Wildcat

PICTURED CLIFFS

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR TO PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well

Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator

Caulkins Oil Company

3. Address of Operator

P.O. Box 340, Bloomfield, NM 87413

4. Well Location

Unit Letter L : 1650' feet from the South line and 990' feet from the West line
16 Section 26N Township 6W Range NMPM Rio Arriba County

10. Elevation (Show Whether DF, RKB, RT, GR, etc.)

6669 DF

NOTICE OF INTENTION TO:

Perform Remedial Work ☐ Plug and Abandon ☒

Temporarily Abandon ☐ Change Plans ☐

Pull or Alter Casing ☐ Multiple Completion ☐

Other: ☐

SUBSEQUENT REPORT OF:

Remedial Work ☐ Altering Casing ☐

Commence Drilling Opns. ☐ Plug and Abandonment ☐

Casing Test and Cement Job ☐

Other: ☐

12. 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 7, 2003



NOTE: This format is in lieu of State Form C-103.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert L. Verquer
ROBERT L. VERQUER

TITLE Superintendent DATE March 5, 2003
Ph. (505) 632-1544

(This space for State Use)

APPROVED BY Charles D. Lerner

DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE MAR - 6 2003

CONDITIONS OF APPROVAL, IF ANY:

PLUG AND ABANDONMENT PROCEDURE

February 17, 2003

State A 293

South Blanco Pictured Cliffs
1650' FSL & 990' FWL Section 16, T26N, R6W
Rio Arriba County, New Mexico
API #30-039-06500

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 LD 2966' of 1" tubing. Prepare a 2-3/8" workstring. Round-trip 5-1/2" casing scraper or gauge ring to 2921'.
3. **Plug #1 (Pictured Cliffs open hole and Fruitland, Ojo Alamo tops, 2921' – 2180')**: TIH and set 5-1/2" cement retainer at 2921'. Pressure test tubing to 1000#. 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 90 sxs cement and spot a balanced plug inside casing above the retainer to isolate the Pictured Cliffs open hole and to cover through the Ojo Alamo top. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1267' – 1167')**: Perforate 3 squeeze holes at 1267'. RIH and set 5-1/2" CR at 1217'. Establish rate below the CR into squeeze holes and attempt to establish circulation out the bradenhead. With the bradenhead valve open, mix 47 sxs cement, squeeze 30 sxs cement outside 5-1/2" casing and leave 17 sxs cement inside 5-1/2" casing to cover the Nacimiento top. TOH with tubing.
5. **Plug #3 (8-5/8" casing shoe and surface, 650' – Surface)**: Perforate 3 squeeze holes at 650'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 187 sxs cement, down the 5-1/2" casing and circulate good cement out bradenhead valve. Shut well in and WOC.
6. 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.

State A 293 Current

South Blanco Pictured Cliffs

SW, Section 16, T-26-N, R-6-W, Rio Arriba County, NM

API # 30-039-06500

Today's Date: 2/13/03

Spud: 2/22/52

Completed: 3/1/52

Elevation: 6669' KB

12-3/4" hole

8-5/8" 24# J-55 Casing set @ 600'
Cement with 225 sxs, Circulated to Surface

Well History

No workover records available.

Nacimiento @ 1217'

1" Tubing @ 2966'

TOC @ 1949' (Calc, 75%)

Ojo Alamo @ 2230'

Kirtland @ 2473'

Fruitland @ 2760'

Pictured Cliffs @ 2963'

7-7/8" Hole

5-1/2" 17# J-55 Casing set @ 2971'
Cement with 200 sxs

Pictured Cliffs Open Hole:
2971' - 3046'

TD 3046'

State A 293

Proposed P&A

South Blanco Pictured Cliffs

SW, Section 16, T-26-N, R-6-W, Rio Arriba County, NM

API # 30-039-06500

Today's Date: 2/13/03

Spud: 2/22/52

Completed: 3/1/52

Elevation: 6669' KB

12-3/4" hole

Plug #3: 650' – Surface
Cement with 187 sxs

8-5/8" 24# J-55 Casing set @ 600'
Cement with 225 sxs, Circulated to Surface

Perforate @ 650'

Plug #2: 1267' – 1167'
Cement with 47 sxs, 30
outside and 17 inside

Cmt Retainer @ 1217'

Perforate @ 1267'

TOC @ 1949' (Calc, 75%)

Plug #1: 2921' – 2180'
Cement with 90 sxs

Cmt Retainer @ 2921'

5-1/2" 17# J-55 Casing set @ 2971'
Cement with 200 sxs

Pictured Cliffs Open Hole:
2971' – 3046'

Nacimiento @ 1217'

Ojo Alamo @ 2230'

Kirtland @ 2473'

Fruitland @ 2760'

Pictured Cliffs @ 2963'

7-7/8" Hole

TD 3046'