

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well

GAS

2. Name of Operator

MERIDIAN OIL

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

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

990'FNL, 1650'FEL, Sec.35, T-29-N, R-4-W, NMPM

5. Lease Number

SF-079761

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 29-4 Unit

8. Well Name & Number

San Juan 29-4 U NP #4

9. API Well No.

30-039-07508

10. Field and Pool

Choza Mesa Pict.Cliffs

11. County and State

Rio Arriba Co, 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

It is intended to plug and abandon this well according to the attached procedure and wellbore diagram.

RECEIVED
BUREAU OF LAND MANAGEMENT
FARMINGTON, NEW MEXICO
JAN 10 1995

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BUREAU OF LAND MANAGEMENT
FARMINGTON, NEW MEXICO
JAN 10 1995

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

Signed [Signature] (ROS8) Title Regulatory Affairs Date 12/27/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JAN 05 1995

for [Signature]
DISTRICT MANAGER

NMOCD

| | | | |
|--|---|--|---|
| WELLNAME: San Juan 29-4 Unit NP #4 | | DP NUMBER: 49508A PROP. NUMBER: 012612300 | |
| WELL TYPE: Choza Mesa Pictured Cliffs | | ELEVATION: GL: 7081' KB: 7089' | |
| LOCATION: 990' FNL 1650' FEL NE Sec. 35, T29N, R4W Rio Arriba County, New Mexico | | INITIAL POTENTIAL: AOF 801 SICP: May, 1974 477 PSIG | |
| OWNERSHIP: GWI: 90.0000% NRI: 74.3750% | | DRILLING: SPUD DATE: 09-23-55 COMPLETED: 10-14-55 TOTAL DEPTH: 4111' PBD: 4090' COTD: 4090' | |
| CASING RECORD: | | | |
| <u>HOLE SIZE</u> | <u>SIZE</u> | <u>WEIGHT</u> | <u>GRADE DEPTH</u> |
| 13-3/4" | 9-5/8" | 25.4# | S.W. 133' |
| 8-3/4" | 7" | 20.0# | J-55 4111' |
| Tubing | 1-1/4" EUE | | 4090' |
| Ran 209 jts. 1-1/4" EUE, tbg set @ 4090' | | | |
| FORMATION TOPS: | | | |
| | Nacimiento | 2086' | |
| | Ojo Alamo | 3345' | |
| | Kirtland | 3510' | |
| | Fruitland | 3625' | |
| | Pictured Cliffs | 3793' | |
| LOGGING: ES, ML, Temp. Survey | | | |
| PERFORATIONS 3946' - 3976', 4020' - 4080', w/4 SPF, Total 360 holes | | | |
| STIMULATION: | | | |
| 10-9-55: Water frac lower PC from 4020' - 4080', w/32,600 gal. water and 37,500# sand. BDP 750#, max. tr. pr. 750#, avg. tr. pr. 300#. I.R. 42 BPM. Flush w/7100 gal. | | | |
| 10-10-55: Water frac upper PC from 3946' - 3976', w/26,400 gal. water and 40,000# sand. BDP 1100#, max. tr. pr. 800#, avg. tr. pr. 700#. I.R. 34 BPM. Flush w/6800 gal. | | | |
| 10-11-55: Water frac upper & lower PC from 3946' - 3976' and 4020' - 4080', w/32,500 gal. water and 32,200# sand. BDP 900#, max. tr. pr. 1050#, avg. tr. pr. 1000#. I.R. 57.8 BPM. Flush w/7100 gal. | | | |
| WORKOVER HISTORY: None | | | |
| PRODUCTION HISTORY: | | DATE OF LAST PRODUCTION: | |
| Cumulative as of Aug. 94: | <u>Gas</u> 104.1 MMcf <u>Oil</u> 0 Bbl | Feb., 1988 | <u>Gas</u> 22.1 Mcf/D <u>Oil</u> 0 bbl/D |
| Current Rate: | <u>0 Mcfd</u> <u>0 Bopd</u> | | |
| PIPELINE: EPNG | | | |

PLUG & ABANDONMENT PROCEDURE

12/21/94

San Juan 29-4 Unit NP #4

Choza Mesa Pictured Cliffs
NE Section 35, T-29-N, R-04-W
Rio Arriba Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and MOI regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. POH and tally 1-1/4" EUE tubing (209 jts @ 4090'), visually inspect. If necessary then LD and PU 2" workstring. PU and round trip a 7" casing scraper or wireline gauge ring to 3896'.
4. **Plug #1 (Pictured Cliffs perfs and top, 4080' - 3743'):** PU 7" cement retainer and RIH; set at 3896'; pressure test tubing to 1000#. Establish rate into Pictured Cliffs perfs. Mix and pump 110 sx Class B cement, squeeze 71 sx cement below cement retainer from 4080' to 3896' over Pictured Cliffs perfs and leave 39 sx on top of retainer to 3743' over Pictured Cliffs top. Pull to 3675' and load well with water; circulate clean. Pressure test casing to 500#.
5. **Plug #2 (Fruitland, Kirtland and Ojo Alamo tops, 3675' - 3295'):** Mix 83 sx Class B cement and spot a balanced plug inside casing from 3675' to 3295' over Fruitland, Kirtland and Ojo Alamo tops. POH with tubing and LD setting tool.
6. **Plug #3 (Nacimiento top, 2136' - 2036'):** Perforate 4 squeeze holes at 2136'. If casing tested, establish rate into squeeze holes. PU 7" cement retainer and RIH; set at 2086'. Establish rate into squeeze holes. Mix 54 sx Class B cement, squeeze 25 sx cement outside 7" casing from 2136' to 2036' and leave 29 sx cement inside casing to cover Nacimiento top. POH and LD tubing and setting tool.
7. **Plug #4 (Surface):** Perforate 4 squeeze holes at 183'. Establish circulation out bradenhead valve. Mix approximately 62 sx Class B cement and pump down 7" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
8. ND BOP and cut below surface casing flange. Install P&A marker with cement to comply with regulations. RD, Move off location, cut off anchors, and restore location.

Recommended:


Operations Engineer

Approval:

Production Superintendent

San Juan 29-4 Unit NP #4

CURRENT

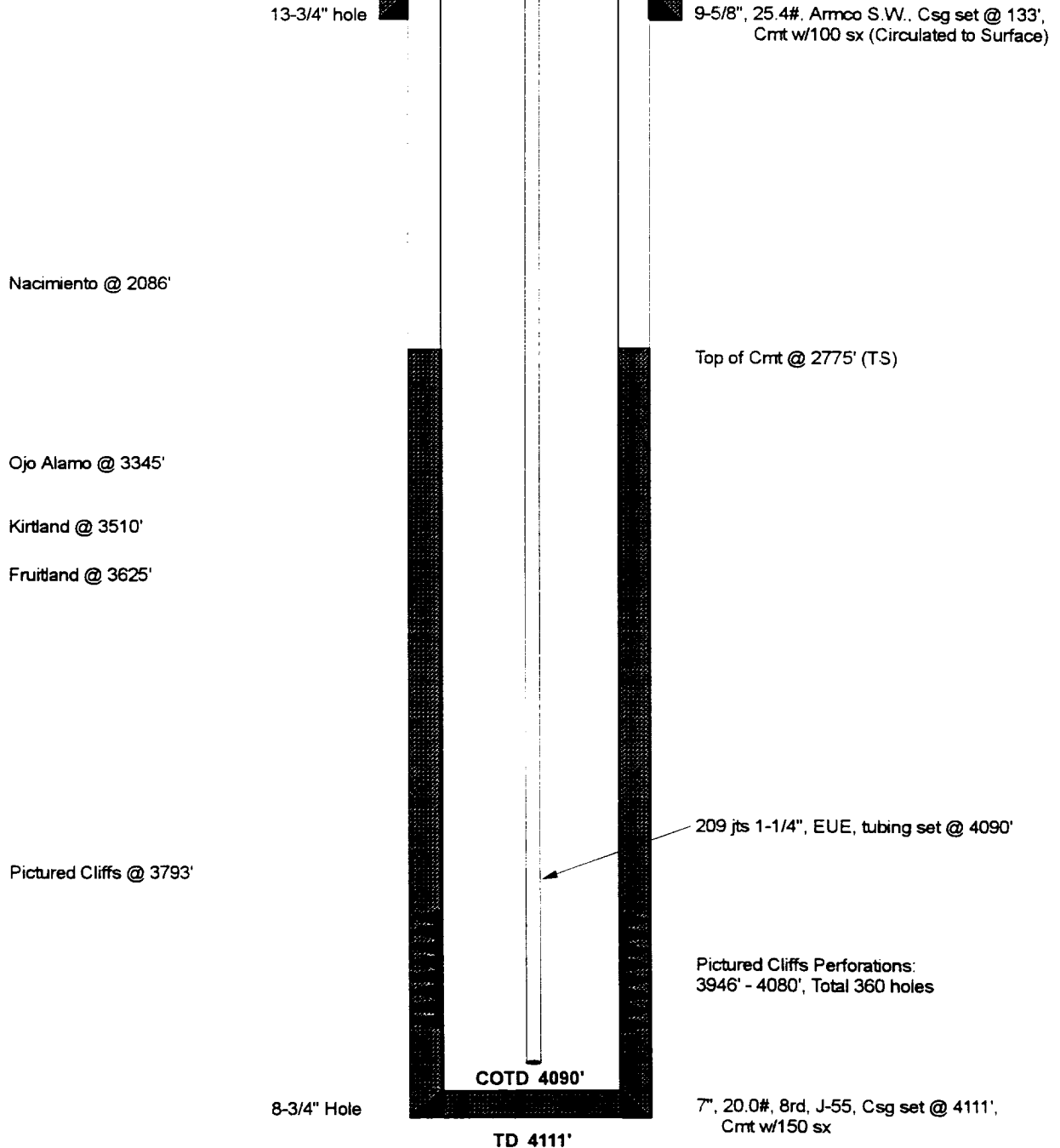
Chosa Mesa Pictured Cliffs

NE Section 35, T-29-N, R-4-W, Rio Arriba County, NM

Today's Date: 12/21/94

Spud: 9/23/55

Completed: 10/14/55



San Juan 29-4 Unit NP #4

Proposed P&A

Chosa Mesa Pictured Cliffs

NE Section 35, T-29-N, R-4-W, Rio Arriba County, NM

Today's Date: 12/21/94

Spud: 9/23/55

Completed: 10/14/55

Nacimiento @ 2086'

Ojo Alamo @ 3345'

Kirtland @ 3510'

Fruitland @ 3625'

Pictured Cliffs @ 3793'

