

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, 990'FEL, Sec.31, T-25-N, R-6-W, NMPM

5. Lease Number

SF-078875

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

Canyon Largo Unit

8. Well Name & Number

Canyon Largo U #70

9. API Well No.

30-039-05754

10. Field and Pool

Ballard Pictured 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 & abandon the subject well according to the attached procedure & wellbore diagram.

RECEIVED
SEP 28 1994

ENV. DIV.
DIST. 3

RECEIVED
BLM
SEP 30 AM 10:05
070 FARMINGTON, NM

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

Signed [Signature] (ROS3) Title Regulatory Affairs Date 8/22/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED
AS AMENDED

SEP 26 1994
DISTRICT MANAGER

PERTINENT DATA SHEET

| WELLNAME: Canyon Largo Unit #70 | DP NUMBER: 51278A PROP. NUMBER: 007972000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--------------------------------------|---------------|--------------------------------------|---------------|--|---------------|--|-----------------|------------|------------|---------|------|---|-------|---------|--------|--------|-------|------|-------|---|-------|--------------|--------|------------|------|---------|-------|--|--|--|
| WELL TYPE: Ballard Pictured Cliffs | ELEVATION: GL: 6820' KB: 6830' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION: 990' FNL 990' FEL NE Sec. 31, T25N, R6W Rio Arriba County, New Mexico | INITIAL POTENTIAL: AOF 486 MCF/D SICP: June, 1972 221 PSIG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OWNERSHIP: GWI: 85.5905% NRI: 72.0807% | DRILLING: SPUD DATE: 03-03-59 COMPLETED: 04-05-59 TOTAL DEPTH: 2708' PBSD: 2677' COTD: 2677' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING RECORD: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>HOLE SIZE</u></th> <th style="text-align: left;"><u>SIZE</u></th> <th style="text-align: left;"><u>WEIGHT</u></th> <th style="text-align: left;"><u>GRADE</u></th> <th style="text-align: left;"><u>DEPTH</u></th> <th style="text-align: left;"><u>EQUIP.</u></th> <th style="text-align: left;"><u>CEMENT</u></th> <th style="text-align: left;"><u>TOC</u></th> </tr> </thead> <tbody> <tr> <td>13-3/4"</td> <td>8-5/8"</td> <td>24.0#</td> <td>J-55</td> <td>138'</td> <td>-</td> <td>75 sx</td> <td>surface</td> </tr> <tr> <td>7-7/8"</td> <td>5-1/2"</td> <td>15.5#</td> <td>J-55</td> <td>2707'</td> <td>-</td> <td>70 sx</td> <td>2200' (T.S.)</td> </tr> <tr> <td>Tubing</td> <td>1-1/4" EUE</td> <td>2.4#</td> <td>Grade A</td> <td>2642'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: center;">Ran 87 jts 1-1/4" EUE, 2.4#, Grade "A" tbg set @ 2642'.</p> | | <u>HOLE SIZE</u> | <u>SIZE</u> | <u>WEIGHT</u> | <u>GRADE</u> | <u>DEPTH</u> | <u>EQUIP.</u> | <u>CEMENT</u> | <u>TOC</u> | 13-3/4" | 8-5/8" | 24.0# | J-55 | 138' | - | 75 sx | surface | 7-7/8" | 5-1/2" | 15.5# | J-55 | 2707' | - | 70 sx | 2200' (T.S.) | Tubing | 1-1/4" EUE | 2.4# | Grade A | 2642' | | | |
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| FORMATION TOPS: <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>Nacimiento</td><td>266'</td></tr> <tr><td>Ojo Alamo</td><td>1955'</td></tr> <tr><td>Kirtland</td><td>2085'</td></tr> <tr><td>Fruitland</td><td>2395'</td></tr> <tr><td>Pictured Cliffs</td><td>2604'</td></tr> <tr><td>Lewis</td><td>2675'</td></tr> </tbody> </table> | | Nacimiento | 266' | Ojo Alamo | 1955' | Kirtland | 2085' | Fruitland | 2395' | Pictured Cliffs | 2604' | Lewis | 2675' | | | | | | | | | | | | | | | | | | | | |
| Nacimiento | 266' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ojo Alamo | 1955' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kirtland | 2085' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fruitland | 2395' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pictured Cliffs | 2604' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lewis | 2675' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOGGING: ES, Cont. Caliper, Temp. Survey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERFORATIONS: 2610' - 2618', 2652' - 2666' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STIMULATION: Fraced w/35,000 gal. water & 35,000# sand. Flushed w/3075 gal. water. B.D.P. 1500#, max. pr. 2000#, avg. tr. pr. 1300-1350-1400-1700-1900-2000#. IR 48.4 BPM. Spotted 200 gal. MCA across perms before frac. Used 4% reg. acid in frac water. 6 stages-dropped 5 sets of 10 balls each. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WORKOVER HISTORY: None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| PIPELINE: EPNG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PLUG & ABANDONMENT PROCEDURE

Canyon Largo Unit #70
Ballard Pictured Cliffs
NE Section 31, T-25-N, R-06-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" tubing (87 jts open ended? @ 2642'). PU and RIH with 5-1/2" casing scraper to COTD @ 2677'; POH and LD.
4. **Plug #1 (Pictured Cliffs and Fruitland tops):** PU 5-1/2" cement retainer and set at 2580'; pressure test tubing to 1000#. Establish a rate into perforations with water. Mix 53 sx Class B cement and squeeze 20 sx below retainer from 2666' to 2580', then spot 33 sx above retainer from 2580' to 2345'. POH above cement and spot water to 2135'. POH with setting tool.
5. **Plug #2 (Kirtland and Ojo Alamo tops):** Perforate 2 holes at 2135'. PU 5-1/2" cement retainer and set at 2085'. Establish a rate into perforations with water. Mix 107 sx Class B cement, squeeze 68 sx outside pipe below retainer from 2135' to 1905', squeeze 12 sx inside pipe below retainer from 2135' to 2085', and spot 27 sx inside pipe above retainer from 2085' to 1905'. POH above cement and spot water to 316'. POH with setting tool.
6. **Plug #3 (Nacimiento to Surface):** Perforate 2 holes at 316'. Establish circulation out bradenhead valve. Mix approximately 88 sx Class B cement and pump down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
7. ND BOP and cut off well head below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: _____

Operations Engineer

Approval: _____

Production Superintendent

Canyon Largo Unit #70

CURRENT

Ballard Pictured Cliffs

Section 31, T-25-N, R-6-W, Rio Arriba County, NM

Today's Date: 8/9/94

Spud: 3/3/59

Completed : 4/5/59

Nacimiento @ 266'

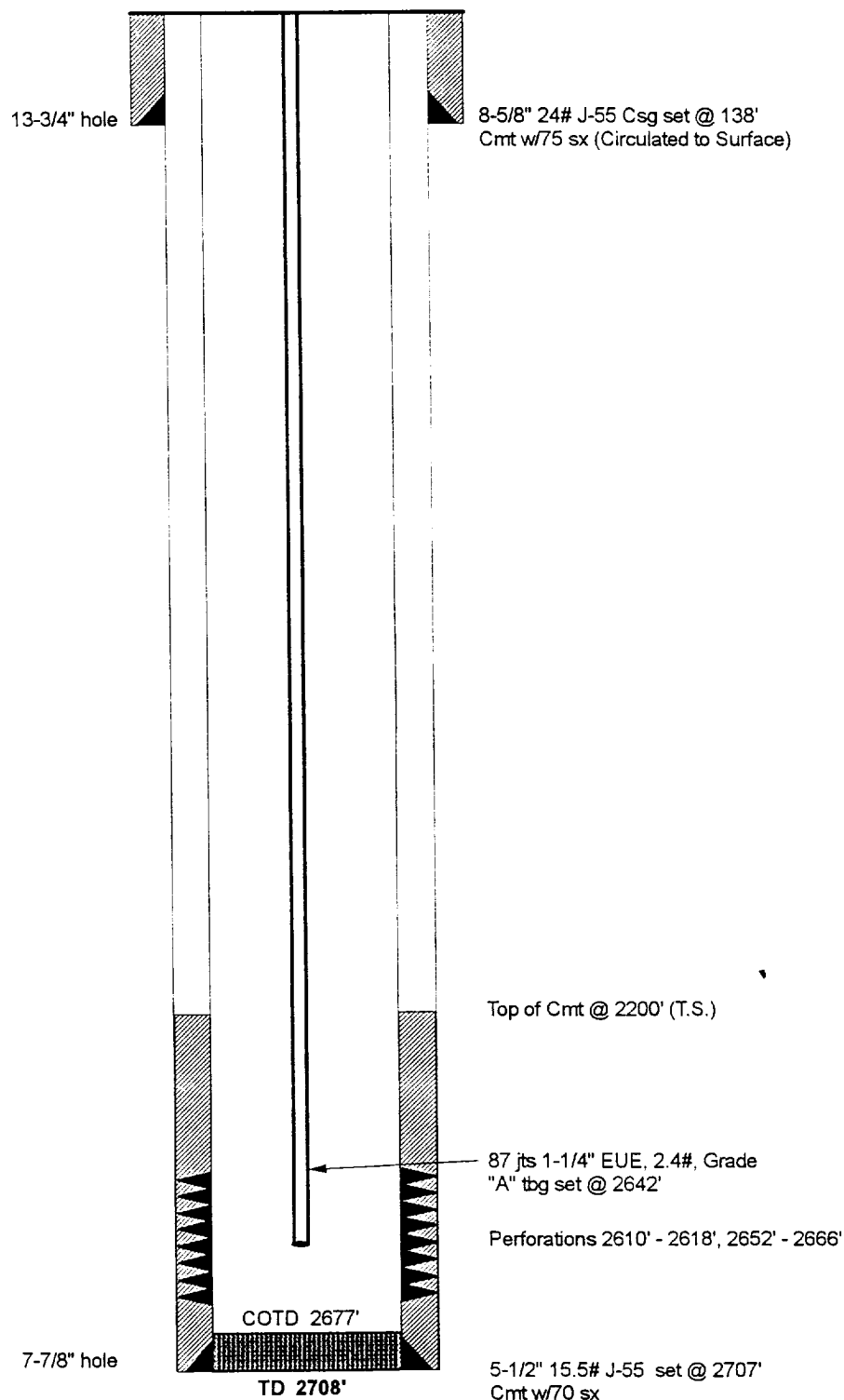
Ojo Alamo @ 1955'

Kirtland @ 2085'

Fruitland @ 2395'

Pictured Cliffs @ 2604'

Lewis @ 2675'



Canyon Largo Unit #70

PROPOSED

Ballard Pictured Cliffs

Section 31, T-25-N, R-6-W, Rio Arriba County, NM

Today's Date: 8/9/94

Spud: 3/3/59

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Nacimiento @ 266'

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