

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
1650'FSL, 1650'FEL, Sec.34, T-30-N, R-10-W, NMPM

5. Lease Number
NM-06738
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Sanchez #2
9. API Well No.
30-045-08979
10. Field and Pool
Aztec Fruitland Sd
Aztec Pictured Cliffs
11. County and State
San Juan 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 ☐ Change of Plans
☒ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut off
☐ Altering Casing ☐ Conversion to Injection
☒ Other -

13. Describe Proposed or Completed Operations

It is intended to temporarily abandon the Pictured Cliffs zone and recomplete in the Fruitland Sand per the attached procedure and wellbore diagram.

RECEIVED
OCT 17 1994
OIL CON. DIV.
DIST. 3

070 FARMINGTON, NM

59 OCT -6 PM 2:58

RECEIVED
OCT 17 1994

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

Signed Diana J. Shadwell (JK5) Title Regulatory Affairs Date 10/4/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

APPROVED

OCT 17 1994

DISTRICT MANAGER

ENCLOSURE

Pertinent Data Sheet - Sanchez #2

Location: 1650' FSL, 1650' FEL, Section 34, T30N, R10W, San Juan County, New Mexico

Field: Aztec Pictured Cliffs

Elevation: 5998' DF

TD: 2560'

Completed: 6/26/55

Casing Record:

| <u>Hole Size</u> | <u>Csg Size</u> | <u>Wt. & Grade</u> | <u>Depth Set</u> | <u>Cement</u> | <u>Top/Cement</u> |
|------------------|-----------------|------------------------|------------------|---------------|---------------------------|
| | 9 5/8" | 36# | 127' | 125 sxs | Surface/Circ |
| 8 3/4" | 5 1/2" | 15.5# | 2460' | 150 sxs | 1891' (Calc @ 70% Eff) |

Tubing Record:

| <u>Tbg Size</u> | <u>Wt. & Grade</u> | <u>Depth Set</u> |
|-----------------|------------------------|------------------|
| 1" | | 2502' |

Formation Tops:

| | |
|-----------------|-------|
| Kirtland | 1380' |
| Fruitland | 2170' |
| Pictured Cliffs | 2458' |

Logging Record:

Stimulation:

Shot open hole 2460'-2577 with 12,500 gal oil and 16,000# sand

Workover History:

None

Transporter: EPNG

Sanchez #2

Pictured Cliffs T&A / Fruitland Sand Recompletion / Bradenhead Flow Repair

Lat-Long by GITI: 36.765884 - 107.868179

SE/4 Section 34, T30N-R10W

October 4, 1994

1. Hold safety meeting. MIRU. Install safety equipment and fire extinguishers in strategic locations. Install 2x400 bbl frac tanks and 1x400 bbl rig tank. Fill each frac tank with 400 bbls of filtered 2% KCl water and 5# of biocide.
2. ND WH, NU BOP. TOOH with 119 jts of 1" standard line pipe tubing landed @ 2502'. Replace bad tubing as needed.
3. PU 2-7/8" N-80 fracstring, 4-3/4" bit and 5-1/2" 15.5# casing scraper. TIH. Make scraper run to bottom of 5-1/2" casing @ 2460'. TOOH. Lay down casing scraper. TIH with 3-7/8" bit and clean out open hole to TD of 2557'. Obtain 3 hour pitot on Pictured Cliffs. TOOH.
4. RU wireline. Wireline set a 5-1/2" CIBP @ 2450'. TIH and load hole with fresh water. Pressure test the casing to 700 psi for 15 minutes. Run CBL-CCL-GR from PBTD to surface. Run Noise log from PBTD to surface. Run CNL-CCL-GR from PBTD to 2100'. Send copy of all logs to office for analysis. Squeeze procedure will be provided by engineering.
5. After squeeze work, TIH with 4-3/4" bit and tubing and drill out cement. Obtain 700 psi pressure test, resqueeze if necessary. Roll hole with filtered 2% KCl water. TOOH with tubing and bit.
6. RU wireline with full lubricator. Hold safety meeting. Use CNL from step 4 for correlation. Perforate Fruitland Sand interval with 3-3/8" HSC's. Charge specifications and intervals to be perforated will be provided by engineering after receiving CNL.
7. PU SAP tool, TIH. Breakdown perforations with 1 bbl/ft of 15% HCl (with inhibitor) at 1 BPM. TOOH. SAP tool spacing will be specified after receiving the logs.
8. TIH with 5-1/2" packer, a SN just above the packer and the workstring. Set the packer at 2250'. Set a blanking plug in the SN and pressure test the tubing to 5000 psi. Retrieve the blanking plug.
9. RU stimulation company with surface equipment and tubulars rated to at least 6000 psi working pressure. Pressure test all surface lines to 6000 psi. **Maximum allowable treating pressure is 5000 psi.** Stimulate the Fruitland sand during daylight with nitrogen foam per the stimulation procedure. Stimulation procedure will be provided after reviewing CNL log. Approximately 2 tanks will be needed for the stimulation.
10. Flow well back on choke immediately upon completion of the stimulation. When either flow has ceased or returns have reached a level allowing release of the packer, release the packer and TOOH.
11. PU notched collar and TIH with workstring. CO to PBTD. PU above the Fruitland perforations and flow the well naturally, making short trips for clean up when necessary.

Sanchez #2
Fruitland Sand Recompletion
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12. When sand and water returns have diminished, flow test the Fruitland sand for 3 hours. TOOH, laying down fracstring.
13. TIH with production tubing. CO to COTD. Land tubing @ +/- 2350'.
14. ND BOP's, NU WH. Obtain final pitot. RDMO. Return well to production.

Approval:

Drilling Superintendent

Vendors:

Stimulation - Western Co. of NA (32-6222)

Perforating - Basin Perforators (327-5244)

SANCHEZ #2

AS OF 10/1/94

AZTEC PICTURED CLIFFS

UNIT J, SEC 34, T30N, R10W, SAN JUAN COUNTY, NM

