

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM MAIL ROOM

Sundry Notices and Reports on Wells

58 JAN 19 PM 12:40

OTC FARM, MEXICO, NM

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, 1460' FWL, Sec.9, T-29-N, R-11-W, NMPM

5. Lease Number
NM-03486A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Lloyd A #4

9. API Well No.
30-045-21678

10. Field and Pool
Aztec Pictured Cliffs/
Otero Chacra

11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

| | | |
|--|---|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input checked="" type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut off |
| | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Other - | |

13. Describe Proposed or Completed Operations

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

RECEIVED
JAN 26 1996
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (VGW2) Title Regulatory Administrator Date 1/16/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

NMOCD

PLUG & ABANDONMENT PROCEDURE

Lloyd A #4

Aztec Pictured Cliffs / Chacra
1650' FSL, 1460' FWL
Sec. 9, T29N, R11W, San Juan County, NM
Longitude / Latitude: 108.000366 - 36.737366

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 for washout only. Comply to all NMOCD, BLM and MOI safety rules and regulations.
2. Move on 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. Pull 1" tubing (58 Jts. set @ 1875' w/ pump and 2" sub on btm.). Visually inspect tubing. Install cementing valve.
4. Open bradenhead valve. Establish a rate down *Chacra* 2-7/8" casing with 30 bbls. water. Record pump rate and pressure. Monitor bradenhead for flow. Pump 2 frac balls in additional water and monitor pressure rate and volumes pumped to confirm perforations taking water. If casing leaks, then use tubing to plug well.
5. Establish a rate down *PC* 2-7/8" casing with 30 bbls. water. Record pump rate and pressure. Monitor bradenhead for flow. Pump 3 frac balls in additional water and monitor pressure rate and volumes pumped to confirm perforations taking water. If casing leaks, then use tubing to plug well.
6. If *Chacra* casing *does not* leak, then pump as follows:
7. **Plug #1 (*Chacra* perfs, *PC*, Kirtland and Ojo Alamo tops, 2990' - 512')**: Establish rate, mix and pump 90 sx Class B cement (20% excess) down 2-7/8" *Chacra* casing and displace cement to 250' with water. Shut in well and WOC. RIH and tag cement. Pressure test casing to 500#.
8. If *Pictured Cliffs* casing *does not* leak then pump as follows:
9. **Plug #2 (*PC* perfs, Kirtland and Ojo Alamo tops, 1894' - Surface)**: Establish rate, mix and pump 63 sx Class B cement (20% excess) down 2-7/8" *PC* casing. RIH and tag cement. Fill as necessary. Shut in *PC* casing valve and WOC.
10. **Plug #3 (Surface, 192' - Surface)**: Perf 2 holes in *Chacra* casing @ 192'. Establish circulation out bradenhead valve. Mix approximately 70 sx Class B cement and pump down 2-7/8" *Chacra* casing, circulate good cement out of bradenhead valve. Shut in well and WOC.
11. ND BOP and cut off wellhead below surface casing flange. Note the cement level in the casing and annulus; fill as necessary. Install P&A marker to comply with regulations.
12. Rig down, cut off anchors, move off location, and restore location per BLM stipulations.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

Lloyd A #4

Current 1/11/95

DPNO: 53145A/B

Aztec Pictured Cliffs

Undesignated Chacra

1650' FSL, 1460' FWL

Sec. 9, T29N, R11W, San Juan Co., NM

Longitude / Latitude: 108.000366 - 36.737366

Spud: 2/19/75

Comp: 11/13/75

Elev.: 5668' (GL)

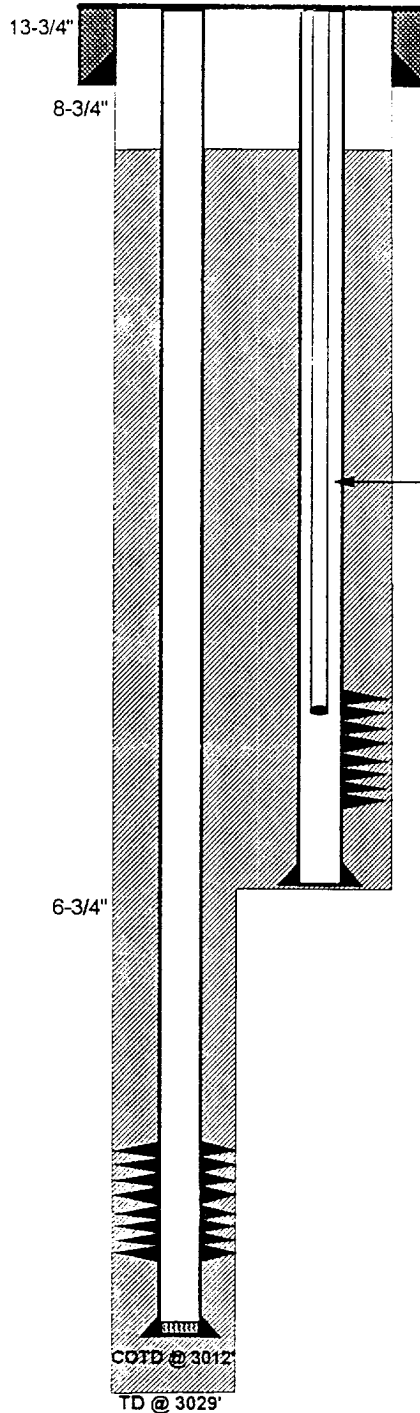
Logs: IES, GR-Den, TS

Ojo Alamo @ 562'

Kirtland @ 674'

Pictured Cliffs @ 1874'

Chacra @ 2893'



9-5/8", 32.3#, J55 csg. set @ 142'
Cmt. w/105 sx, circ. 5 bbl. to surface.

TOC @ 250' (TS)

27/6: 1", Class B, EUE tbg. set @ 1875'
Pump w/2" sub on btm. (58 jts)

PC perms @ 1886' - 1894' - 5 SPZ
Frac'd w/24,000# 10/20 sd, 27,780 gal. wtr.

2-7/8", 6.4#, NUE, 10Rd J55 csg. set @ 2032'
Cmt w/305 sx cmt. "Good Circulation"
8-3/4" bit changed to 6-3/4" @ 2053'

Chacra perms @ 2908', 2910', 2986', 2900',
2990' - 1 SPZ - 5 Holes
Frac'd w/28,000# 20/40 sd, 36,170 gal. wtr.

2-7/8", 6.4#, NUE, 10Rd, J55 csg. set 3029'.
Cmt w/145 sx. TOC @ 250' (TS)
"Good circulation"

COTD @ 3012'
TD @ 3029'

Production History: Gas

| | | | |
|-------------|------------|------|------|
| PC Cum: | 1.7 MMcf | 0 bo | 9/80 |
| Chacra Cum: | 434.8 MMcf | 0 bo | 8/90 |

Ownership:

| | |
|------|----------|
| GW: | 100.000% |
| NRI: | 82.5000% |

Pipeline:

EPNG

Lloyd A #4

Proposed P&A

DPNO: 53145A/B
Aztec Pictured Cliffs
Undesignated Chacra

1650' FSL, 1460' FWL

Sec. 9, T29N, R11W, San Juan Co., NM
Longitude / Latitude: 108.000366 - 36.737366

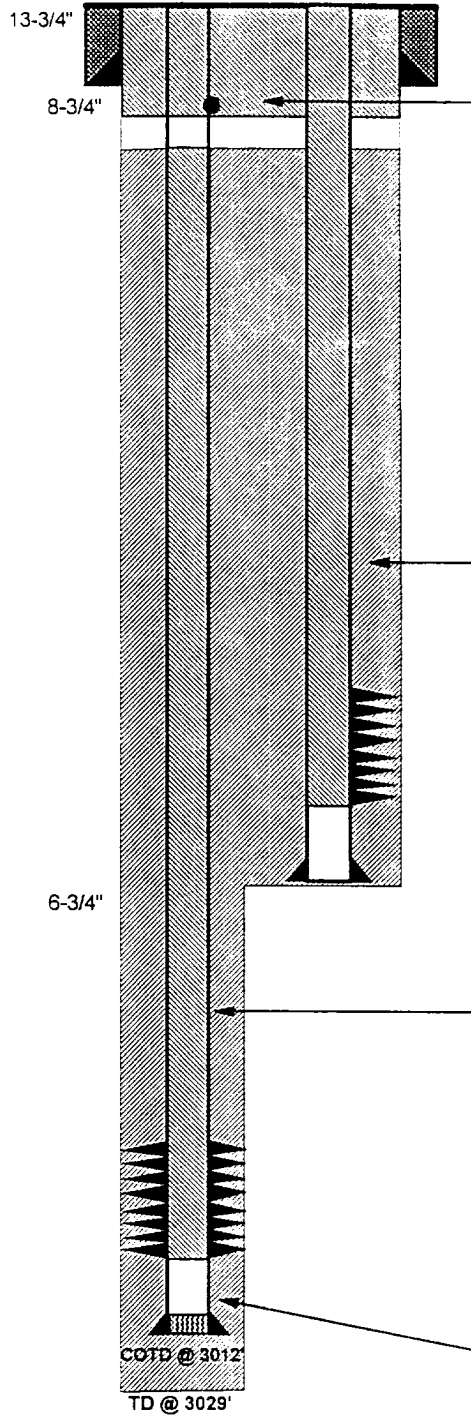
Spud: 2/19/75
Comp: 11/13/75
Elev.: 5668' (GL)
Logs: IES, GR-Den, TS

Ojo Alamo @ 562'

Kirtland @ 674'

Pictured Cliffs @ 1874'

Chacra @ 2893'



9-5/8", 32.3#, J55 csg. set @ 142'
Cmt. w/105 sx, circ. 5 bbl. to surface.

Plug #3: 192' - Surface
Perf 2 holes @ 192'
Cmt. w/70 sx Class B cement
TOC @ 250' (TS)

Plug #2: 1894' - Surface
PC perms, Kirtland, Ojo Alamo tops
Cmt. w/63 sx

PC perms @ 1886' - 1894' - 5 SPZ
Frac'd w/24,000# 10/20 sd, 27,780 gal. wtr.

2-7/8", 6.4#, NUE, 10Rd J55 csg. set @ 2032'
Cmt w/305 sx cmt. "Good Circulation"

Drill bit changed from 8-3/4" to 6-3/4" @ 2053'

Plug #1: 2990' - 512'
Chacra perms, PC, Kirtland and Ojo Alamo tops
Cmt. w/90 sx Class B cement.

Chacra perms @ 2908', 2910', 2986', 2900',
2990' - 1 SPZ - 5 Holes
Frac'd w/28,000# 20/40 sd, 36,170 gal. wtr.

2-7/8", 6.4#, NUE, 10Rd, J55 csg. set 3029'.
Cmt w/145 sx. TOC @ 250' (TS)
"Good circulation"

Initial Potential:

| | | |
|---------------|-----------|-----------|
| | PC | CH |
| Initial AOF | TSTM | 573 Mcf/d |
| 1/6/75 | | |
| Initial SITP: | 574 Psig | 1074 Psig |

Production History:

| | | | |
|-------------|------------|------------|------|
| | Gas | Oil | |
| PC Cum: | 1.7 MMcf | 0 bo | 9/80 |
| Chacra Cum: | 434.8 MMcf | 0 bo | 8/90 |

Ownership:

| | |
|------|----------|
| GW1 | 100.000% |
| NRI: | 82.5000% |

Pipeline:

EPNG