

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  
1530'FNL, 1100'FEL, 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 #3

9. API Well No.  
30-045-21677

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

☒ 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 the subject well according to the attached procedure and wellbore diagram.

RECEIVED  
DEC 27 1994  
OIL CON. DIV.  
DIST. 3

NOV 15 PM 2:20  
NOV 15 1994

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

Signed [Signature] (LWD2) Title Regulatory Affairs Date 12/15/94

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED

DEC 21 1994

DISTRICT MANAGER

NMOCD

# PERTINENT DATA SHEET

12/14/94

<b>WELLNAME:</b> Lloyd A #3	<b>DP NUMBER:</b> 53114A (PC) 53114B (CH)																																								
<b>WELL TYPE:</b> Aztec Pictured Cliffs Bloomfield Chacra	<b>ELEVATION:</b> GL: 5805' KB:																																								
<b>LOCATION:</b> 1530' FNL. 1100' FEL Sec. 9, T29N, R11W San Juan County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF TSTM Mcf/d (PC) 661 (CH)  <b>SICP:</b> 0 psig (PC) 1017 psig (CH)																																								
<b>OWNERSHIP:</b> (PC) (CH) GWI: 100.0000% 100.0000% NRI: 72.0000% 82.5000%	<b>DRILLING:</b> SPUD DATE: 02-11-75 COMPLETED: 11-13-75 TOTAL DEPTH: 3189' PBDT: (PC) 2206' PBDT: (CH) 3179'																																								
<b>CASING RECORD:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th>HOLE SIZE</th> <th>SIZE</th> <th>WEIGHT</th> <th>GRADE</th> <th>DEPTH</th> <th>EQUIP.</th> <th>CEMENT</th> <th>TOC</th> </tr> </thead> <tbody> <tr> <td>13 3/4"</td> <td>9 5/8"</td> <td>32.3#</td> <td>J55</td> <td>137'</td> <td>-</td> <td>126 cf</td> <td>Surface</td> </tr> <tr> <td>8 3/4"</td> <td>2 7/8"</td> <td>6.4#</td> <td>J55</td> <td>2216'</td> <td></td> <td>779 cf</td> <td>TS 375'</td> </tr> <tr> <td>6 3/4"</td> <td>2 7/8"</td> <td>6.4#</td> <td>J55</td> <td>3189'</td> <td></td> <td>307 cf</td> <td>75% effic 2216'</td> </tr> <tr> <td colspan="8">No Tubing</td> </tr> </tbody> </table>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	13 3/4"	9 5/8"	32.3#	J55	137'	-	126 cf	Surface	8 3/4"	2 7/8"	6.4#	J55	2216'		779 cf	TS 375'	6 3/4"	2 7/8"	6.4#	J55	3189'		307 cf	75% effic 2216'	No Tubing							
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<b>STIMULATION:</b> (PC) 28,140 gal. water and 28,000# sand (CH) 19,600 gal. water and 18,000# sand																																									
<b>WORKOVER HISTORY:</b> Oct-85 Spotted sand across Chacra perforations; tested plug, OK. Perforated upper Chacra 2720' to 2767' (8 holes). Foam fraced PC zone.																																									
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**Lloyd A #3**  
**CURRENT -- 12-14-94**

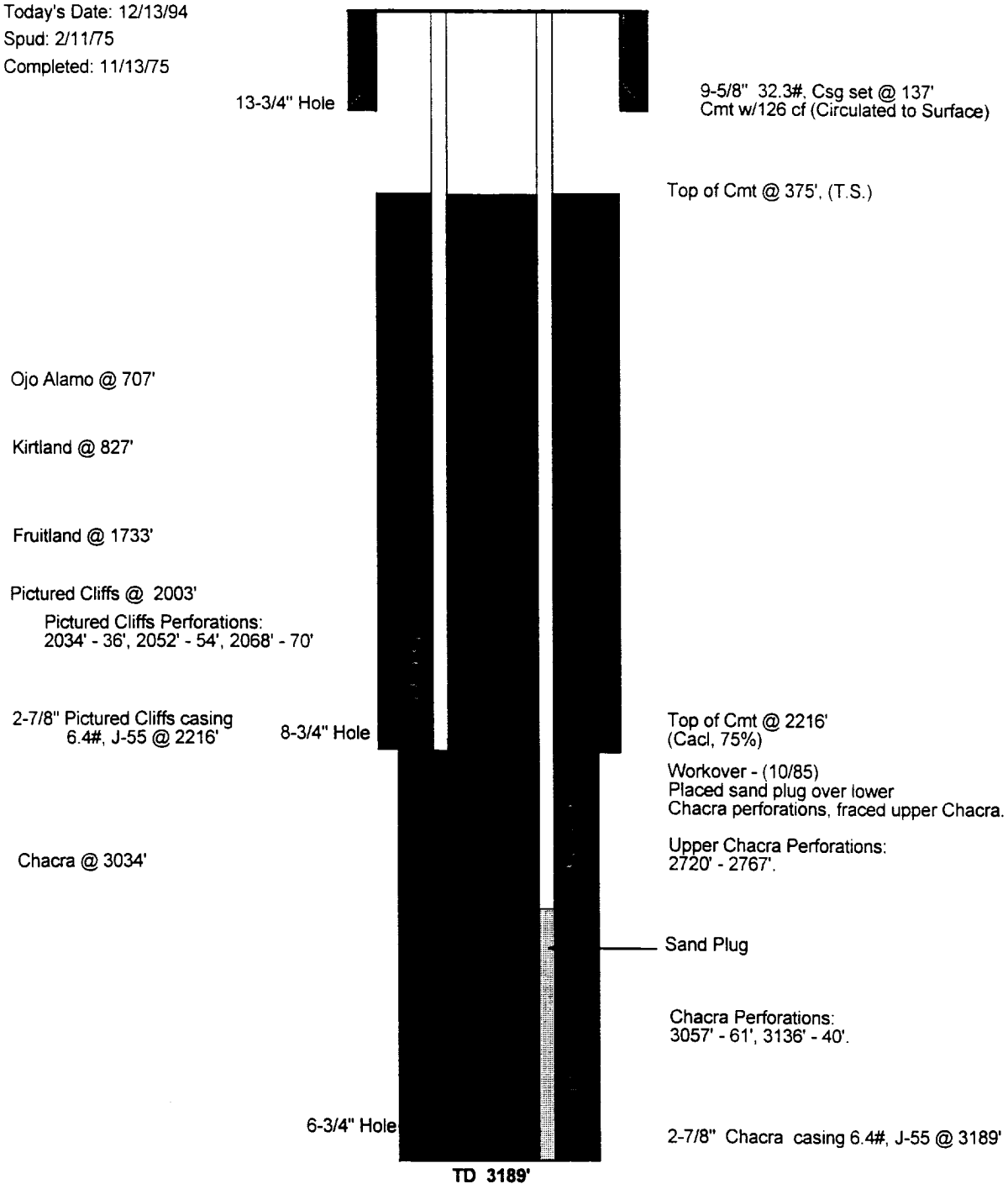
Aztec Pictured Cliffs  
Bloomfield Chacra

NE Section 9, T-29-N, R-11-W, San Juan County, NM

Today's Date: 12/13/94

Spud: 2/11/75

Completed: 11/13/75



## PLUG & ABANDONMENT PROCEDURE

12/13/94

**Lloyd A #3 (Ch/PC)**  
Aztec Pictured Cliffs  
Bloomfield Chacra  
NE, Section 9, T-29-N, R-11-W  
San Juan 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. Open bradenhead valve. Establish a rate down Pictured Cliffs 2-7/8" casing with 20 bbls water, record pump rate and pressure. Monitor bradenhead for flow or blow. Pump 2 frac balls in additional water and monitor pressure, rate, and volumes pumped, to confirm perforations taking water and casing does not leak. Repeat pumping procedure for the Chacra 2 7/8" casing. Note a bradenhead test indicates the Chacra and/or PC casing may have a casing leak.
4. If the Chacra casing does not leak then plug as follows:  
  
**Plug #1 Chacra Casing (Chacra perfs, Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops, 2767' -- 300'):** establish rate into Chacra perforations with water. Mix and bullhead 83 sx Class B cement down 2 7/8" casing and displace to 300' with water.
5. If the Pictured Cliffs casing does not leak then plug as follows:  
  
**Plug #2 Pictured Cliffs Casing (Pictured Cliffs perfs, Fruitland, Kirtland and Ojo Alamo tops, 2216' - Surface):** Establish rate into Pictured Cliffs perforations with water. Mix and bullhead 64 sxs Class B cement down 2-7/8" casing from surface to 2216'. Shut in Pictured Cliffs casing valve and WOC.
6. If the Chacra casing leaks then plug as follows:  
  
**Chacra Casing (Upper Chacra perfs, Pictured Cliffs and Fruitland tops, 2670' - 1683'):** RU A-Plus Wireline truck and RIH with a 2-7/8" gauge ring; POH. RIH with a 2-7/8" bridge plug; set at 2670', 50' above the upper Chacra perforations. POH with setting tool. PU 1-1/4" IJ tubing workstring and RIH and tag bridge plug. Load well with water and circulate clean. With tubing at 2670', mix and pump 29 sxs Class B cement inside Chacra casing from 2670' to 1683', above wireline bridge plug to cover Pictured Cliffs and Fruitland tops. POH, shut in Chacra casing valve and WOC. RIH and tag top of cement with the tubing. POH to 877'.
7. **Chacra Casing (Kirtland and Ojo Alamo tops, 877' - 375'):** With tubing at 877' mix and pump 14 sxs Class B cement inside casing from 877' to 375' to cover Kirtland and Ojo Alamo tops. POH and LD tubing. Shut in Chacra casing valve and WOC. Tag top of cement with wireline.
8. **Chacra Casing (Surface):** Perforate 2 squeeze holes at 187'. Establish circulation out bradenhead valve. Mix approximately 70 sxs Class B cement and pump down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
9. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, move off location, cut off anchors, and restore location.

# Lloyd A #3

**PROPOSED P&A**  
Aztec Pictured Cliffs  
Bloomfield Chacra

NE Section 9, T-29-N, R-11-W, San Juan County, NM

Today's Date: 12/13/94

Spud: 2/11/75

Completed: 11/13/75

13-3/4" Hole

**Plug #4** (Ch) 187' - Surface with  
70 sxs Class B cement.

9-5/8" 32.3# Csg set @ 137'  
Cmt w/126 cf (Circulated to Surface)

**Perforate @ 187'**

**Plug #3** (PC) 2216' - Surface with  
64 sxs Class B cement.

Top of Cmt @ 375', (T.S.)

**Plug #2** (Ch) 877' - 375' with  
14 sxs Class B cement.

Ojo Alamo @ 707'

Kirtland @ 827'

Fruitland @ 1733'

Pictured Cliffs @ 2003'

Pictured Cliffs Perforations:  
2034' - 36', 2052' - 54', 2068' - 70'

2-7/8" Pictured Cliffs casing  
6.4#, J-55 @ 2216'

8-3/4" Hole

Top of Cmt @ 2216'  
(Cact, 75%)

**Wireline set bridge plug @ 2670'**

Chacra @ 3034'

Upper Chacra Perforations:  
2720' - 2767'.

Sand Plug

Chacra Perforations:  
3057' - 61', 3136' - 40'.

6-3/4" Hole

2-7/8" Chacra casing  
6.4#, J-55 @ 3189'

**TD 3189'**