

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well GAS	API # (assigned by OCD) 30-039-06303
2. Name of Operator Western Oil & Minerals, Ltd.	5. Lease Number Fee
3. Address & Phone No. of Operator P. O. Box 1228, Farmington NM 87499	6. State Oil&Gas Lease #
4. Location of Well, Footage, Sec., T, R, M SW, NE 1/4 Sec. 29, T-26-N, R-2-W, NMPM, Rio Arriba County	7. Lease Name/Unit Name Alexander
	8. Well No. #1
	9. Pool Name or Wildcat Pinelake
	10. Elevation:

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

Propose to Plug & Abandon this well per the attached procedure and well schematics.

RECEIVED
JUN - 2 1997
OIL CON. DIV.
DIST. 3

SIGNATURE Thomas J. Smith - Agent May 29, 1997
Thomas J. Smith

(This space for State Use)

Approved by Johnny Robinson TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 Date JUN - 2 1997

NOTIFY AZTEC OCD
IN TIME TO WITNESS: PYA

PLUG & ABANDONMENT PROCEDURE

5-27-97

Alexander #1

Pinelake PC Extension

1850' FNL and 1850' FEL / NE Section 29, T-26-N, R-2-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 and BLM safety 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. Pull and visually inspect tubing from well. If 1" or in poor shape then lay down. If necessary PU 2-3/8" tubing work string.
4. **Plug #1 (Pictured Cliffs perforations & top, Fruitland, Kirtland and Ojo Alamo tops, 3855' - 3312'):** RIH with open ended tubing to 3855' or as deep as possible. Pump 20 bbls water. Mix and pump 68 sxs Class B cement (long plug, 50% excess, in two stages of 34 sxs each) and spot a balanced plug inside casing from 3855' to 3312' to cover Pictured Cliffs perforations, Fruitland, Kirtland and Ojo Alamo tops. POH with tubing and WOC. While WOC, round-trip 4-1/2" gauge ring to 1760'. RIH and tag cement. Pressure test casing to 500#.
5. **Plug #2 (Nacimiento top, 1810' - 1710'):** Perforate 4 squeeze holes at 1810'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 1760'. Establish rate under CR. Mix and pump 47 sxs Class B cement, squeeze 35 sxs outside casing and leave 12 sxs inside casing over Nacimiento top. POH and LD tubing.
6. **Plug #3 (Surface):** Perforate 3 squeeze holes at 157'. Establish circulation out bradenhead valve. Mix approximately 45 sxs Class B cement and pump down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
7. ND BOP and cut off wellhead below surface casing. Fill casing and annulus as necessary. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Alexander #1

Current

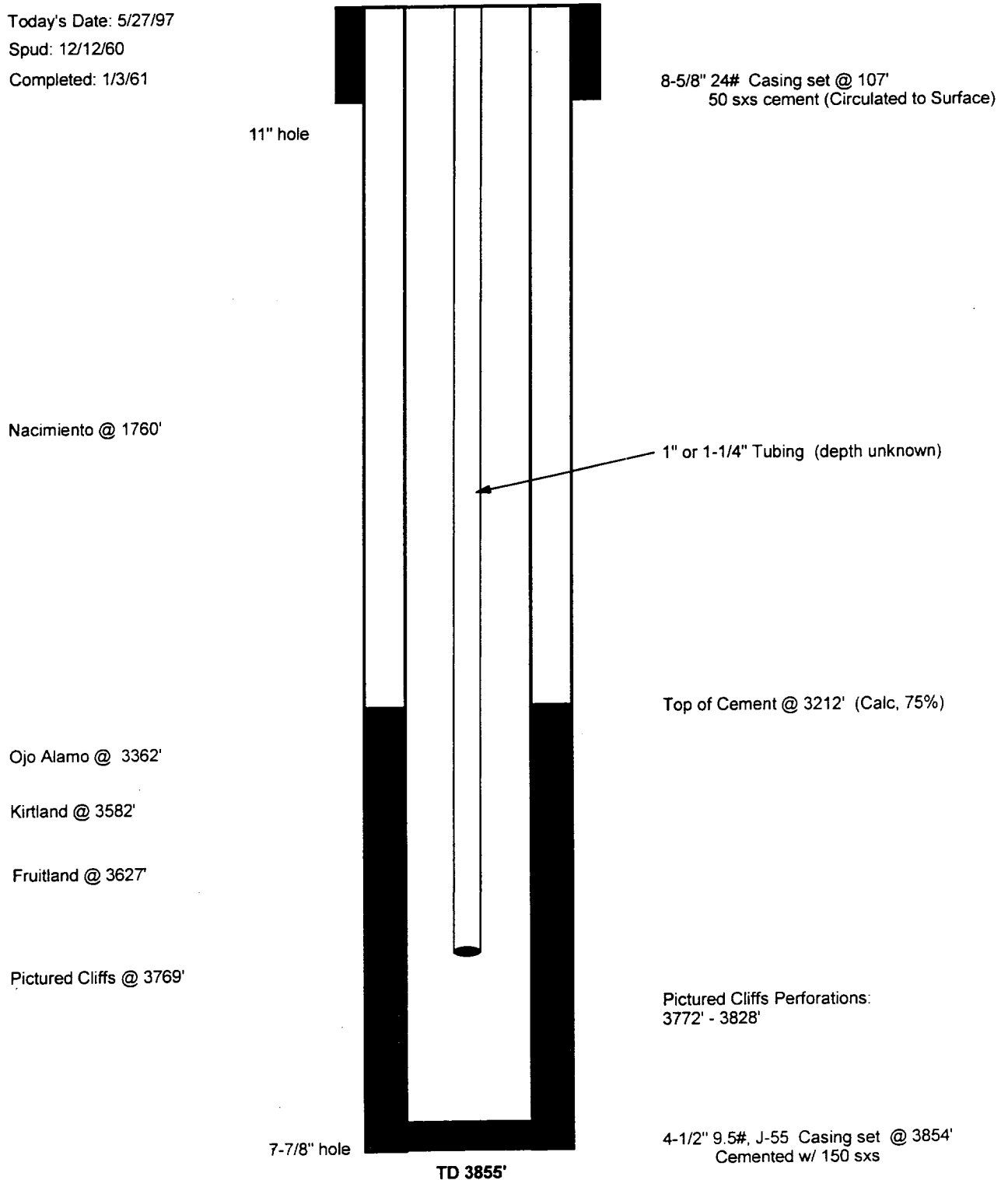
Pine Lake PC Extension

NE, Section 29, T-26-N, R-2-W, Rio Arriba County, NM

Today's Date: 5/27/97

Spud: 12/12/60

Completed: 1/3/61



Alexander #1

Proposed P&A

Pine Lake PC Extension

NE, Section 29, T-26-N, R-2-W, Rio Arriba County, NM

Today's Date: 5/27/97

Spud: 12/12/60

Completed: 1/3/61

Nacimiento @ 1760'

Ojo Alamo @ 3362'

Kirtland @ 3582'

Fruitland @ 3627'

Pictured Cliffs @ 3769'

11" hole

7-7/8" hole

TD 3855'

8-5/8" 24# Casing set @ 107'
50 sxs cement (Circulated to Surface)

Perforate @ 157'

Plug #3 157' - Surface
Cmt with 45 sxs Class B

Cmt Retainer @ 1760'

Perforate @ 1810'

Plug #2 1810' - 1710'
Cmt with 47 sxs Class B,
35 sxs outside casing
and 12 sxs inside casing.

Top of Cement @ 3212' (Calc, 75%)

Plug #1 3855' - 3312'
Cmt with 68 sxs Class B,
(50% excess, long plug,
two stages)

Pictured Cliffs Perforations:
3772' - 3828'

4-1/2" 9.5#, J-55 Casing set @ 3854'
Cemented w/ 150 sxs

