

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

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator Western Oil & Minerals, Ltd.</p> <hr/> <p>3. Address & Phone No. of Operator P.O. Box 1228, Farmington, NM 87499</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M Sec. 29, T-26-N, R-2-W, NMPM, Rio Arriba County Unit G, SW/4 NE/4</p>	<p>API # (assigned by OCD) <i>239-06303</i></p> <p>5. Lease Number Fee</p> <p>6. State Oil / Gas Lease #</p> <p>7. Lease Name/Unit Name Alexander</p> <p>8. Well No. #1</p> <p>9. Pool Name or Wildcat Pine Lake Ext. <i>GAV.</i></p> <p>10. Elevation: <i>PC</i></p>
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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

Western Oil & Minerals plugged and abandoned this well on June 23, 1997 per the attached Plug and Abandonment Report.

RECEIVED
JUL 15 1997

OIL CON. DIV.
DIST. 3

SIGNATURE Thomas J. Smith Agent Date June 26, 1997
Thomas J. Smith

(This space for State Use)

Approved by Denny G. Faint Title Geologist Date 10/9/97

A - PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

Western Oil & Minerals
SW/4 NE/4, Sec. 29, T-26-N, R-2-W
Rio Arriba County, NM.
Fee

June 24, 1997

Plug & Abandonment Report

Cementing Summary:

Plug #1 with 57 sxs Class B cement with 2% CaCl_2 from 3805' to 3065' to fill Pictured Cliffs perforations and cover Ojo Alamo top.

Plug #1b with 30 sxs Class B cement from 3624' to 3236' to cover Ojo Alamo top.

Plug #2 with 12 sxs Class B cement inside casing from 1756' to 1600' to cover Nacimiento top.

Plug #3 with 194 sxs Class B cement pumped down 4-1/2" casing from 157' to surface, circulate 1/2 bbl cement to surface.

Plugging Summary:

Notified NMOCD 7:17am on 6/18/97

- 6-18-97 Road rig to location. RU rig and equipment. Layout relief line to pit. Check well pressure: casing and tubing 10#. Bleed well down to pit. Break off wellhead cap. PU on tubing; found 1-1/4" EUE tubing free. Remove wellhead. Strip on 4-1/2" x 8-5/8" wellhead, flange and BOP; NU. RU rig floor. POH and tally 126 joints 1-1/4" EUE tubing. Shut in well. SDFD.
- 6-19-97 Safety Meeting. Open up well, no pressure. RIH with tubing and tag bottom at 3810'. Plug #1 with 57 sxs Class B cement with 2% CaCl_2 from 3805' to 3065' to fill Pictured Cliffs perforations and cover Ojo Alamo top. POH with tubing and RD floor. Shut in well and WOC. While tripping out of hole, 4-1/2" casing broke at the slips in the 8-5/8" casing head. ND BOP and wait on welder. Weld 4-1/2" casing nipple on to stub. NU BOP and RU floor. RU A-Plus wireline truck. RIH with 4-1/2" gauge ring and tag cement at 3642'; cement had fallen below Fruitland top. Pictured Cliffs perforations and top at 3769' covered. RIH with tubing to 3624' and shut in well. SDFD.
- 6-20-97 Safety Meeting. Open up well, no pressure. Finish RIH and tag cement at 3641' with tubing. PUH to 3624' and establish circulation with 5 bbls. Attempt to pressure test casing to 500#, leaks 1 bpm at 500#. Plug #1b with 30 sxs Class B cement from 3624' to 3236' to cover Ojo Alamo top. POH above cement and WOC. RIH and tag cement at 3263'. FCRi with tubing. Load casing with 5 bbls water. Attempt to pressure test casing to 500#, leak 1 bpm at 500#. RU A-Plus wireline truck. Perforate 3 HSC squeeze holes at 1810'. RIH with 4-1/2" wireline retainer and set at 1756'. Run tubing and sting into retainer. Attempt to establish rate into squeeze holes at 1810', pressured up to 1500#. Procedure change approved E. Cardona, NMOCD. Sting out of retainer. Plug #2 with retainer at 1756', spot 12 sxs Class B cement inside casing from 1756' to 1600' to cover Nacimiento top. POH and LD tubing. Shut in well and WOC overnight. SDFD.
- 6-23-97 Safety Meeting. Open up well, no pressure. RU wireline truck. RIH and tag cement at 1535'. Attempt to pressure test casing to 500#, leak 1 bpm at 500#. Establish circulation to surface pumping down the 4-1/2" casing with 6 bbls water. E. Cardona with NMOCD requested the depth of the casing leak. Mix 2 sxs weak cement and pump down 4-1/2"; circulated weak cement out bradenhead after 31.5 bbls. Casing leak calculates to be at approximately 523'. Perforate 3 HSC squeeze holes at 157'. Re-establish circulation out bradenhead. Plug #3 with 194 sxs Class B cement pumped down 4-1/2" casing from 157' to surface, circulate 1/2 bbl cement to surface. Shut in well and WOC. RD rig floor. Dig out wellhead and ND BOP. Cut wellhead off; found cement down 75' in 4-1/2" casing and 10' in 8-5/8" annulus. Mix 24 sxs Class B cement, fill casing and annulus; install P&A marker. RD rig and equipment; move off location.