

submitted in lieu of Form 3160-5

RECEIVED
BLM
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

CTO FARMINGTON, NM

1. Type of Well
Gas

2. Name of Operator
Western Oil & Minerals, Ltd.

3. Address & Phone No. of Operator
P.O. Drawer 1228, Farmington, NM 87499

4. Location of Well, Footage, Sec., T, R, M
1850' FSL & 1800' FEL, Sec 29, T26N, R2W

5. Lease Number
NM 01806
6. If Indian, All. or
Tribe Name
N/A
7. Unit Agreement Name
N/A
8. Well Name & Number
Gardner #1
9. API Well No.
30-039-06285
10. Field and Pool
Pinelake Ext. PC
11. County & State
Rio Arriba County, NM

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

Type of Submission	Type of Action	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" 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

Western Oil & Minerals, Ltd. plugged and abandoned the above well on June 18, 1997 per the attached Plug and Abandonment Report.

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OIL CON. DIV.
DIST. 3

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

Signed Thomas J. Smith Title Agent Date 6/18/97
Thomas J. Smith

(This space for Federal or State Office use)
APPROVED BY [Signature] Title Chief, Lands and Mineral Resources Date JUL 21 1997
CONDITION OF APPROVAL, if any:

OPERATOR

A - PLUS WELL SERVICE, INC.

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

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97 JUL 1 PM 1:34 June 18, 1997

Western Oil & Minerals

1850' FSL, 1800' FEL, Sec. 29, T-26-N, R-2-W
Rio Arriba County, NM.
NM - 01806

07 FARMINGTON, NM
Plug & Abandonment Report

Cementing Summary:

Plug #1 with 54 sxs Class B cement with 2% CaCl_2 from 3911' to 3211' to fill Pictured Cliffs perforations and cover Ojo Alamo top.

Plug #2 with retainer at 1790', spot 7 sxs Class B cement above retainer to 1700'.

Plug #3 with 72 sxs Class B cement pumped down 4-1/2" casing from 152' to surface, circulate 1/2 bbl good cement to surface.

Plugging Summary:

Notified Rio Puerco BLM on 6-12-97

6-12-97 Road rig near location, parked rig and trucks. Shut down due to heavy rain.

6-13-97 Drive to rig. Unable to road to location due to muddy roads. Repair fence going into location. SDFD.

6-16-97 Safety Meeting. Road rig and equipment to location. Rig up rig and equipment. Layout relief line to pit and bleed well down. ND wellhead assembly and wellhead cap. PU on tubing; found 1-1/4" EUE tubing. Change out Gulfco wellhead; strip on BOP, then NU. Change pipe rams to 1-1/4". RU rig floor. POH and tally 128 joints 1-1/4" tubing; 3783'. LD 3 bad joints. RIH with tubing to 3783'. Shut in well. SDFD.

6-17-97 Safety Meeting. Drive to Schmitz Yard and load 5 joints 1-1/4" EUE tubing. Drive to location. Check well pressure: 25# on tubing and casing. Bleed well down to pit. RIH with 4 joints tubing to 3911'. Plug#1 with 54 sxs Class B cement with 2% CaCl_2 from 3911' to 3211' to fill Pictured Cliffs perforations and cover Ojo Alamo top. POH with 40 joints tubing and WOC. RIH and tag cement at 3450'. POH to 1787'. Load casing with 40 bbls water. Attempt to pressure test casing to 500#; leak 1-1/2 bpm at 300#. POH with tubing. RU A-Plus wireline truck. Round-trip 4-1/2" gauge ring to 1850'. Perforate 3 HSC squeeze holes at 1850'. PU 4-1/2" cement retainer and RIH; set at 1790'. Sting out of retainer. Attempt to pressure test casing; leak 1-1/2 bpm at 300#. Sting into retainer and attempt to establish rate into squeeze holes at 1850', pressured up to 1500#. Sting out of retainer. Procedure change approved by A. Yeppa with Rio Puerco BLM. Plug #2 with retainer at 1790', spot 7 sxs Class B cement above retainer to 1700'. POH and LD tubing and stinger. Perforate 3 squeeze holes at 152'. Establish circulation down 4-1/2" casing and out bradenhead. Plug #3 with 72 sxs Class B cement pumped down 4-1/2" casing from 152' to surface, circulate 1/2 bbl good cement to surface. Shut in well. SDFD.

6-18-97 Safety Meeting. Open up well. RD floor and ND BOP. Remove 4-1/2" x 8-5/8" wellhead and flange. Dig out wellhead. Cut casing head off; found cement at surface in 4-1/2" casing and down 10' in 4-1/2" x 8-5/8" annulus. Mix 20 sxs Class B cement and install P&A marker. RD rig and equipment; move off location. A. Yeppa with Rio Puerco BLM was on location.