

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
Western Oil & Minerals, Ltd

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

Location of Well, Footage, Sec., T, R, M
1850' FNL and 990' FWL Sec.29, T-26-N, R-2-W,
E

5. Lease Number
NM 01804

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Alexander #3

9. API Well No.
30-039-06302

10. Field and Pool
Gavilan PC

11. County & State
Rio Arriba County, 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

Western Oil & Minerals proposes to plug and abandon this well per the attached Plug and Abandonment procedure and diagram.

RECEIVED
JUN 16 1997

OIL CON. DIV.
DIST. 3

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

Signed Thomas J. Smith Title Agent Date May 16, 1997
Thomas J. Smith

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Chief, Lands and Mineral Resources

CONDITION OF APPROVAL, if any: attached

Date JUN 10 1997

Surface restoration requirements in attached letter

PLUG & ABANDONMENT PROCEDURE

5-27-97

Alexander #3

Pinelake PC Extension
1850' FNL and 990 FWL / 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, 3933' - 3450'):** RIH with open ended tubing to 3933' or as deep as possible. Pump 20 bbls water. Mix and pump 56 sxs Class B cement (long plug, 50% excess) and spot a balanced plug inside casing from 3933' to 3450' 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 1700'. RIH and tag cement. Pressure test casing to 500#.
5. *Yone* **Plug #2 (Nacimiento top, 1750' - 1650'):** Perforate 4 squeeze holes at 1750'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 1750'. 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 155'. 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 #3

Current

Gavilan Pictured Cliffs

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

Today's Date: 5/27/97

Spud: 12/4/61

Completed: 12/9/61

11" hole

8-5/8" 24# Csg set @ 105'
60 sxs cement (Circulated to Surface)

1" or 1-1/4" Tubing (depth unknown)

ml Nacimiento @ 1700'

Ojo Alamo @ 3500'

Kirtland @ 3670'

Fruitland @ 3720'

Pictured Cliffs @ 3830'

Top of Cement @ 3507' (Calc, 75%)

Pictured Cliffs Perforations:
3846' - 3894'

7-7/8" hole

TD 3935'

4-1/2" 9.5# J-55 casing set @ 3933'
Cmt w/ 100 sxs

Alexander #3

Proposed P&A

Gavilan Pictured Cliffs

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

Today's Date: 5/27/97

Spud: 12/4/61

Completed: 12/9/61

