

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Well

070 FARMINGTON, NM

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

1840' FSL, 985' FWL, Sec. 28, T-26-N, R-6-W, NMPM

5. Lease Number

SF-079266

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Vaughn #16

9. API Well No.

30-039-20409

10. Field and Pool

Otero Chacra

11. County and State

Rio Arriba Co, NM

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

Type of Submission

Type of Action

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

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  
SEP 2 1 1995

OIL CO. OF N.M.  
BUREAU

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

Signed [Signature] (ROS3) Title Regulatory Administrator Date 9/7/95

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

APPROVED

SEP 19 1995

DISTRICT MANAGER

NMCOO

9/6/95

## PLUG & ABANDONMENT PROCEDURE

Vaughn #16  
Otero Chacra  
DPNO: 44591A

1840' FSL, 885' FWL  
Sec. 28, T26N, R06W - Rio Arriba Co., NM  
Longitude/Latitude: 107.478699 - 36.455002

**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. This will be a rigless procedure. Prepare blow pit for cement washout only. Comply to all NMOCD, BLM, and MOI safety procedures. Rig up cementing equipment.
2. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. Install cementing valve.
3. Open bradenhead valve. Establish a rate down casing with 30 bbls. water, record pump rate and pressure. Monitor bradenhead for flow. If bradenhead flows water, move in rig with workstring to plug well. If not, pump 15 frac balls in additional water and monitor pressure, rate and volumes pumped to confirm perforations taking water. If casing leak exists, then use tubing to plug well.
4. **Plug #1 (Chacra perfs, Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo, 3578' - 1420'):** Establish rate, mix and pump 72 sx Class B cement down 2-7/8" casing and displace cement to 1420'. Shut in well and WOC. Rig up Mast truck and wireline unit. RIH and tag cement. Pressure test casing to 500#.
5. **Plug #2 (Nacimiento top, Surface, 302' - Surface):** Perforate 2 holes @ 302'. Establish circulation out bradenhead valve. Mix and pump approximately 85 sx Class B cement and pump down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
6. ND BOP and cut off wellhead below surface casing flange. Note the cement level in the casing and annulus; fill as necessary. Install P&A marker to comply with regulations.
7. Rig down, cut off anchors, move off location, and restore location per BLM stipulations.

Recommended:

  
Operations Engineer

Approval:

\_\_\_\_\_  
Production Superintendent

# Vaughn #16

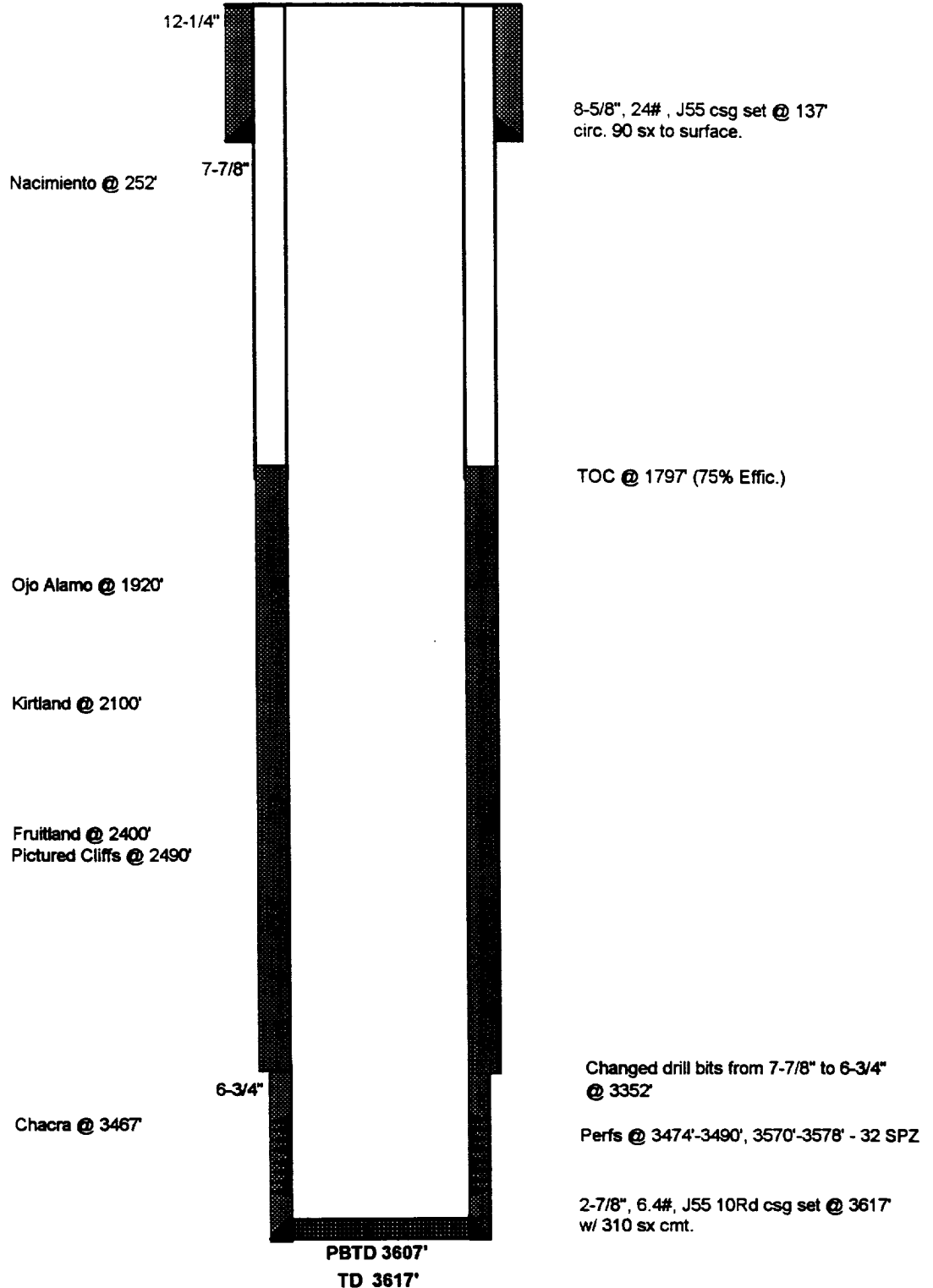
CURRENT - 9/5/95

Otero Chacra  
DPNO: 44591A

1840' FSL, 885' FWL,  
Section 28, T-26-N, R-06-W,  
Rio Arriba County, NM

Longitude / Latitude: 107.478699 - 36.455002

Spud: 09-20-71  
Completed : 10-28-71  
Elev. GL 6400'  
KB 6410'



# Vaughn #16

## Proposed P&A

Otero Chacra  
DPNO: 44591A

1840' FSL, 885' FWL,  
Section 28, T-26-N, R-06-W,  
Rio Arriba County, NM

Longitude / Latitude: 107.478699 - 36.455002

Spud: 09-20-71  
Completed : 10-28-71  
Elev. GR: 6400'  
KB: 6410'

