

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  
**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  
990'FNL, 1650'FEL, Sec.14, T-25-N, R-6-W, NMPM

5. Lease Number  
SF-078884  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name  
Canyon Largo Unit  
8. Well Name & Number  
Canyon Largo U #159  
9. API Well No.  
30-039-20305  
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

<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

It is intended to plug & abandon the subject well according to the attached procedure & wellbore diagram.

RECEIVED  
SEP 28 1994

OIL CON. DIV.  
DIST. 8

070 FARMINGTON, NM

SEP 14 PM 3:25

RECEIVED  
OIL

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

Signed [Signature] (ROS3) Title Regulatory Affairs Date 8/22/94

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

APPROVED

SEP 21 1994

DISTRICT MANAGER

# PERTINENT DATA SHEET

<b>WELLNAME:</b> Canyon Largo Unit #159	<b>DP NUMBER:</b> 52346A <b>PROP. NUMBER:</b> 007971700																																
<b>WELL TYPE:</b> Otero Chacra	<b>ELEVATION:</b> GL: 6656' KB: 6667'																																
<b>LOCATION:</b> 990' FSL 1650' FEL NE Sec. 14, T25N, R6W Rio Arriba County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF 1,170 MCF/D  <b>SICP:</b> July, 1983 253 PSIG																																
<b>OWNERSHIP:</b> GWI: 71.2677% NRI: 60.3226%	<b>DRILLING:</b> SPUD DATE: 04-09-70 COMPLETED: 05-14-70 TOTAL DEPTH: 3773' PBTD: 3748' COTD: 3748'																																
<b>CASING RECORD:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>HOLE SIZE</u></th> <th style="text-align: left;"><u>SIZE</u></th> <th style="text-align: left;"><u>WEIGHT</u></th> <th style="text-align: left;"><u>GRADE</u></th> <th style="text-align: left;"><u>DEPTH</u></th> <th style="text-align: left;"><u>EQUIP.</u></th> <th style="text-align: left;"><u>CEMENT</u></th> <th style="text-align: left;"><u>TOC</u></th> </tr> </thead> <tbody> <tr> <td>12-1/4"</td> <td>8-5/8"</td> <td>24.0#</td> <td>K-55</td> <td>123'</td> <td>-</td> <td>85 sx</td> <td>surface</td> </tr> <tr> <td>6-3/4"</td> <td>2-7/8"</td> <td>6.4#</td> <td>J-55</td> <td>3914'</td> <td>-</td> <td>270 sx</td> <td>1800' (TS)</td> </tr> <tr> <td colspan="8">No Tubing</td> </tr> </tbody> </table>		<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>	12-1/4"	8-5/8"	24.0#	K-55	123'	-	85 sx	surface	6-3/4"	2-7/8"	6.4#	J-55	3914'	-	270 sx	1800' (TS)	No Tubing							
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<b>LOGGING:</b> IND-EL, DL, Temp Survey																																	
<b>PERFORATIONS:</b> 3563' - 73', 3660' - 70', w/3 SPF, Total 60 holes																																	
<b>STIMULATION:</b> Fraced w/20,000# 20/40 sand, 20000 gal. water. Dropped 1 sets of 30 balls, flushed w/1092 gal. water.																																	
<b>WORKOVER HISTORY:</b> None																																	
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## PLUG & ABANDONMENT PROCEDURE

### Rigless

Canyon Largo Unit #159  
Otero Chacra  
NE Section 14, T-25-N, R-06-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. Prepare blow pit. Comply with all NMOCD, BLM, and MOI regulations.
2. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary.
3. Open bradenhead valve. Establish a rate down casing with 50 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 20 frac balls in additional water and monitor pressure, rate, and volumes pumped, to confirm perforations taking water.
4. **Plug #1 (Chacra, Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops):** Establish a rate into perforations with water. Mix and pump 85 sx Class B cement. Displace cement with water to 695'. WOC. Tag cement top with wireline.
5. **Plug #2 (Surface):** Perforate 2 holes at 595'. Establish circulation out bradenhead valve. Mix approximately 131 sx Class B cement and pump down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
6. Cut off wellhead below surface casing. Install P&A marker to comply with regulations. Cut off anchors, and restore location.

Recommended: \_\_\_\_\_  
Operations Engineer

Approval: \_\_\_\_\_  
Production Superintendent

# Canyon Largo Unit #159

CURRENT

Otero Chacra

NE Section 14, T-25-N, R-6-W, Rio Arriba County, NM

Today's Date: 9/6/94

Spud: 4/9/70

Completed: 5/14/70

12-1/4" hole

8-5/8" 24.0#, K-55, 8rd, Csg set @ 123'  
Cmt w/85 sx (Circulated to Surface)

Nacimiento @ 545'

Top of Cmt @ 1800' (TS)

Ojo Alamo @ 2087'

Kirtland @ 2270'

Fruitland @ 2480'

Pictured Cliffs @ 2690'

Lewis @ 2747'

Chacra @ 3548'

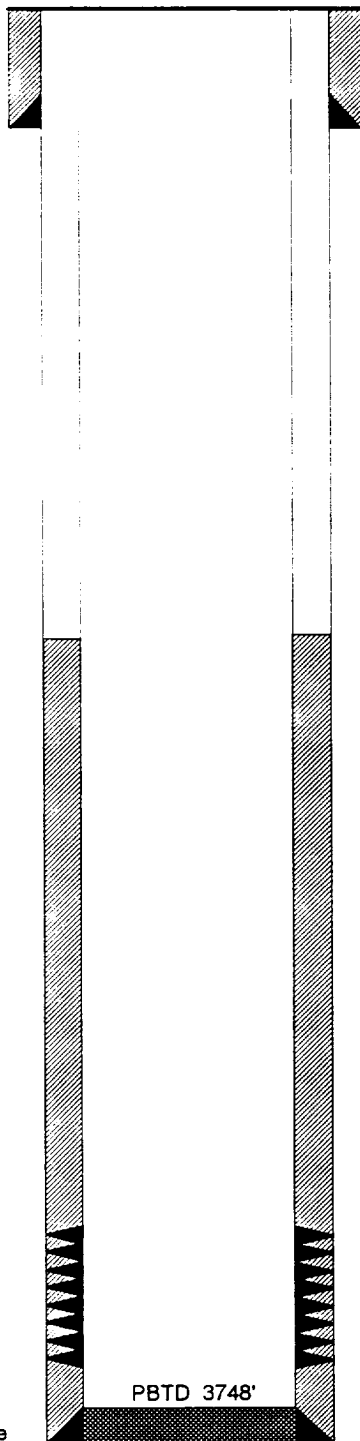
Perforations: 3563 - 73', 3660' - 70', w/3 SPF,  
Total 60 holes

6-3/4" hole

PBTD 3748'

2-7/8" 6.4#, J-55, NU, 10rd, Csg set @  
3773', baffle set @ 3762', Cmt w/273 sx

TD 3773'



# Canyon Largo Unit #159

PROPOSED

Otero Chacra

NE Section 14, T-25-N, R-6-W, Rio Arriba County, NM

Today's Date: 9/6/94

Spud: 4/9/70

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Nacimiento @ 545'

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