

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  
1650'FSL, 1650'FEL, Sec.22, T-24-N, R-6-W, NMPM

- 5. Lease Number  
SF-078598
- 6. If Indian, All. or  
Tribe Name
- 7. Unit Agreement Name  
Canyon Largo Unit
- 8. Well Name & Number  
Canyon Largo U #59
- 9. API Well No.  
30-039-05378
- 10. Field and Pool  
Ballard Pictured Cliffs
- 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 30 1994

**OIL CON. DIV.**  
DIST. 3

070 FARMINGTON, NM

94 AUG 30 AM 10:05

RECEIVED  
BLM

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**  
[Signature]  
SEP 20 1994  
**DISTRICT MANAGER**

# PERTINENT DATA SHEET

<b>WELLNAME:</b> Canyon Largo Unit #59	<b>DP NUMBER:</b> 51135A <b>PROP. NUMBER:</b> 007972000																																
<b>WELL TYPE:</b> Ballard Pictured Cliffs	<b>ELEVATION:</b> GL: 6592' KB: 6602'																																
<b>LOCATION:</b> 1650' FSL 1650' FEL SE Sec. 22, T24N, R6W Rio Arriba County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF 3,200 MCF/D  SICP: May, 1975 167 PSIG																																
<b>OWNERSHIP:</b> GWI: 85.5905% NRI: 72.0807%	<b>DRILLING:</b> SPUD DATE: 06-12-57 COMPLETED: 06-28-57 TOTAL DEPTH: 2263' PBTD: 2170' COTD: 2170'																																
<b>CASING RECORD:</b> <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <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>J-55</td> <td>147'</td> <td>-</td> <td>100 sx</td> <td>surface</td> </tr> <tr> <td>7-7/8"</td> <td>5-1/2"</td> <td>15.5#</td> <td>J-55</td> <td>2263'</td> <td>-</td> <td>150 sx</td> <td>1155' (T.S.)</td> </tr> <tr> <td>Tubing</td> <td>1-1/4"</td> <td>2.3#</td> <td>Grade B</td> <td>2142'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: center; margin-top: 10px;">Ran 103 jts 1-1/4", 2.3#, Grade "B" tbg set @ 2142'.</p>		<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#	J-55	147'	-	100 sx	surface	7-7/8"	5-1/2"	15.5#	J-55	2263'	-	150 sx	1155' (T.S.)	Tubing	1-1/4"	2.3#	Grade B	2142'			
<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#	J-55	147'	-	100 sx	surface																										
7-7/8"	5-1/2"	15.5#	J-55	2263'	-	150 sx	1155' (T.S.)																										
Tubing	1-1/4"	2.3#	Grade B	2142'																													
<b>FORMATION TOPS:</b> <table style="width: 100%; margin-top: 10px;"> <tr><td>Nacimiento</td><td>surface</td></tr> <tr><td>Ojo Alamo</td><td>1516'</td></tr> <tr><td>Kirtland</td><td>1660'</td></tr> <tr><td>Fruitland</td><td>1854'</td></tr> <tr><td>Pictured Cliffs</td><td>2083'</td></tr> <tr><td>Lewis</td><td>2182'</td></tr> </table>		Nacimiento	surface	Ojo Alamo	1516'	Kirtland	1660'	Fruitland	1854'	Pictured Cliffs	2083'	Lewis	2182'																				
Nacimiento	surface																																
Ojo Alamo	1516'																																
Kirtland	1660'																																
Fruitland	1854'																																
Pictured Cliffs	2083'																																
Lewis	2182'																																
<b>LOGGING:</b> ES, ML, Temp. Survey																																	
<b>PERFORATIONS:</b> 2083' - 2102', 2114' - 2126', 2138' - 2152'																																	
<b>STIMULATION:</b> Fraced w/34,316 gal. water & 40,000# sand. B.D.P. 1500#, max. tr. pr. 2200#, avg. tr. pr. 1800#, IR 51 BPM. Flush 5684 gal. water. Injected 4 sets rubber balls (20 balls/set). Balled off after last set. Balls dropped & treatment continued.																																	
<b>WORKOVER HISTORY:</b> None																																	
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>PRODUCTION HISTORY:</b></td> <td style="width: 10%;"></td> <td style="width: 10%;"><u>Gas</u></td> <td style="width: 10%;"><u>Oil</u></td> <td style="width: 10%;"><b>DATE OF LAST PRODUCTION:</b></td> <td style="width: 10%;"><u>Gas</u></td> <td style="width: 10%;"><u>Oil</u></td> </tr> <tr> <td>Cumulative as of May 94:</td> <td>540.18 MMcf</td> <td>0 MBbl</td> <td></td> <td>March, 1990</td> <td>0.23 Mcf/D</td> <td>0 bb/D</td> </tr> <tr> <td>Current Rate:</td> <td>0 Mcfd</td> <td>0 Bopd</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		<b>PRODUCTION HISTORY:</b>		<u>Gas</u>	<u>Oil</u>	<b>DATE OF LAST PRODUCTION:</b>	<u>Gas</u>	<u>Oil</u>	Cumulative as of May 94:	540.18 MMcf	0 MBbl		March, 1990	0.23 Mcf/D	0 bb/D	Current Rate:	0 Mcfd	0 Bopd															
<b>PRODUCTION HISTORY:</b>		<u>Gas</u>	<u>Oil</u>	<b>DATE OF LAST PRODUCTION:</b>	<u>Gas</u>	<u>Oil</u>																											
Cumulative as of May 94:	540.18 MMcf	0 MBbl		March, 1990	0.23 Mcf/D	0 bb/D																											
Current Rate:	0 Mcfd	0 Bopd																															
<b>PIPELINE:</b> EPNG																																	

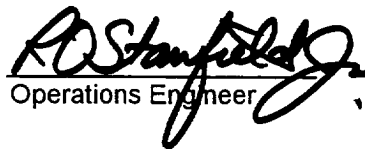
## PLUG & ABANDONMENT PROCEDURE

Canyon Largo Unit #59  
Ballard Pictured Cliffs  
SE Section 22, T-24-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. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and MOI 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. POH and tally 1-1/4" tubing (103 jts open ended? @ 2142'). PU and RIH with 5-1/2" casing scraper to COTD @ 2170'; POH and LD.
4. **Plug #1 (Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops):** PU 5-1/2" cement retainer and set at 2053'; pressure test tubing to 1000#. Establish a rate into perforations with water. Mix 96 sx Class B cement and squeeze 23 sx below retainer from 2152' to 2053', then spot 73 sx above retainer from 2053' to 1466'. POH above cement and spot water to 197'. POH with setting tool.
5. **Plug #2 (Surface):** Perforate 2 holes at 197'. Establish circulation out bradenhead valve. Mix approximately 56 sx Class B cement and pump down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
6. ND BOP and cut off well head below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

  
Operations Engineer

Approval:

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

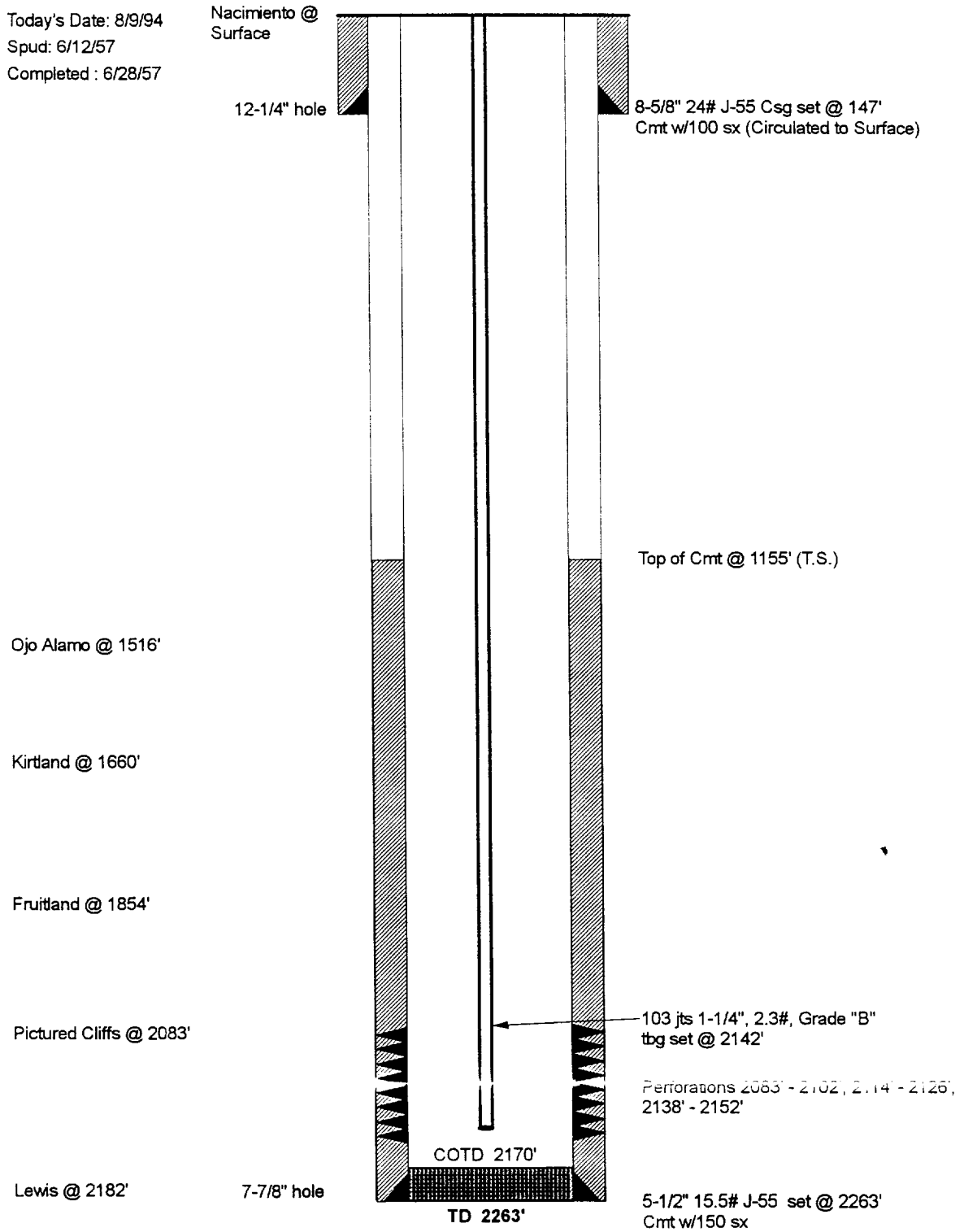
# Canyon Largo Unit #59

CURRENT

Ballard Pictured Cliffs

Section 22, T-24-N, R-6-W, Rio Arriba County, NM

Today's Date: 8/9/94  
Spud: 6/12/57  
Completed : 6/28/57



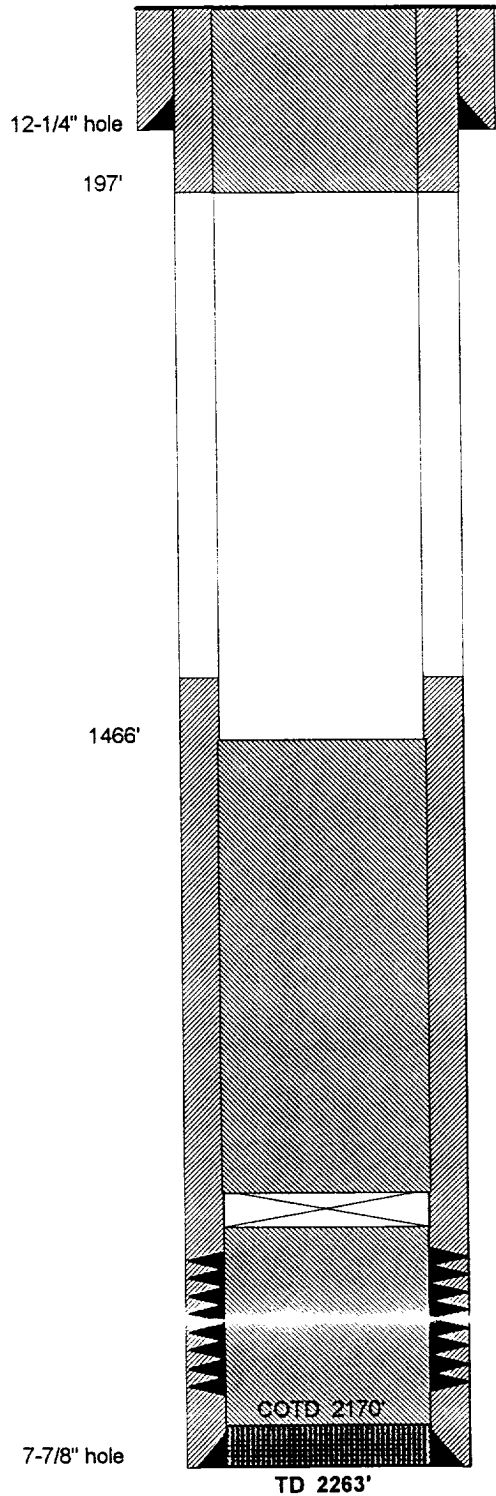
# Canyon Largo Unit #59

**PROPOSED**

Ballard Pictured Cliffs

Section 22, T-24-N, R-6-W, Rio Arriba County, NM

Nacimiento @ Surface



Today's Date: 8/9/94

Spud: 6/12/57

Completed : 6/28/57

8-5/8" 24# J-55 Csg set @ 147'  
Cmt w/100 sx (Circulated to Surface)

Plug #2 197' - Surface  
56 sx Class B Cement

Top of Cmt @ 1155' (T.S.)

Ojo Alamo @ 1516'

Kirtland @ 1660'

Plug #1 1466' - 2152', 96 sx Total Class B Cement,  
(23 sx below Cmt Ret., 73 sx above Cmt Ret.)

Fruitland @ 1854'

Cement Retainer @ 2053'

Pictured Cliffs @ 2083'

Perforations 2083' - 2102', 2114' - 2126',  
2138' - 2152'

Lewis @ 2182'

7-7/8" hole

COTD 2170'

TD 2263'

5-1/2" 15.5# J-55 set @ 2263'  
Cmt w/150 sx