

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

55 AUG 15 PM 2:19

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
820' FNL, 1190' FEL, Sec.28, T-25-N, R-7-W, NMPM

5. Lease Number
NM-078878
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name

Canyon Largo Unit
8. Well Name & Number
Canyon Largo U #277
9. API Well No.
30-039-20948
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"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

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
AUG 2 1 1995
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (ROS3) Title Regulatory Administrator Date 8/14/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

AUG 17 1995

DISTRICT MANAGER

NMOC

PERTINENT DATA SHEET

7/31/95

WELLNAME: Canyon Largo Unit #277	DP NUMBER: 44278A PROP. NUMBER: 007972000																																
WELL TYPE: Ballard Pictured Cliffs	ELEVATION: GL: 6848' KB: 6859'																																
LOCATION: 820' FNL 1190' FEL NE Sec. 28, T25N, R7W Rio Arriba County, New Mexico	INITIAL POTENTIAL: AOF 397 MCF/D SICP: N/A PSIG																																
OWNERSHIP: GWI: 85.590535% NRI: 72.094676%	DRILLING: SPUD DATE: 03-22-76 COMPLETED: 09-07-77 TOTAL DEPTH: 2639' PBD: 2629' COTD: 2629'																																
CASING RECORD: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">HOLE SIZE</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">WEIGHT</th> <th style="text-align: left;">GRADE</th> <th style="text-align: left;">DEPTH</th> <th style="text-align: left;">EQUIP.</th> <th style="text-align: left;">CEMENT</th> <th style="text-align: left;">TOC</th> </tr> </thead> <tbody> <tr> <td>12-1/4"</td> <td>8-5/8"</td> <td>24.0#</td> <td>KE</td> <td>126'</td> <td>-</td> <td>106 cf (90 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>2639'</td> <td>-</td> <td>256 cf (126 sx)</td> <td>1500' (CBL)</td> </tr> <tr> <td colspan="8">Tubingless</td> </tr> </tbody> </table>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12-1/4"	8-5/8"	24.0#	KE	126'	-	106 cf (90 sx)	surface	6-3/4"	2-7/8"	6.4#	J-55	2639'	-	256 cf (126 sx)	1500' (CBL)	Tubingless							
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PERFORATIONS Orig perms (Sqz'd 7-18-77): 2544', 2548', 2580', 2584', 2589', 2598', 2600', Total 7 holes. Re-perf'd (11-18-76): 2540' - 48', 2577' - 89', 2594' - 2600', w/12 SPZ, Total 36 holes																																	
STIMULATION: Re-Frac (8-17-77) Foam frac w/55,000# 10/20 sand and 11,340 gal. wtr. treated w/stable foam 1/2 gal ADOfoam per 1000 gal. wtr. and 42,000 SCF nitrogen per 1000 gal. wtr. Flushed w/210 gal. wtr.																																	
WORKOVER HISTORY: 7-13-77 to 8-17-77: CO w/wtr. and N ₂ . Ran multi-fingered csg caliper and CBL. Pumped 30 bbls wtr., ran diff. temp. survey. Sqz'd perms w/50 sx cmt. Drld cmt & CO to 2629'. Re-perf @ 2540'-48', 2577'-89', 2594'-2600', w/12 SPZ. Foam frac w/55,000# 10/20 sand & 11,340 gal. wtr. treated w/stable foam; 1/2 gal. ADOfoam per 1000 gal. wtr. and 42,000 SCF nitrogen per 1000 gal. wtr. Flushed w/210 gal. wtr. 11-18-76: Re-perfed csg @ 2544', 2546', 2579', 2581', 2583', 2585', 2587', 2589', 2594', and 2596'. Acidized w/750 gal. acid.																																	
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PLUG AND ABANDONMENT PROCEDURE


8-7-95

Canyon Largo Unit #277
Ballard Pictured Cliffs
NE, Sec. 28, T25N, R7W
Rio Arriba County, 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 pressure.

1. Install and/or test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Meridian safety rules and regulations.
2. Rig up cementing equipment. Conduct safety meeting for all personnel on location. NU relief line to flow back tank. Blow well down; kill with water as necessary. ND wellhead and NU cementing valve.
3. Open bradenhead valve. Establish rate down 2-7/8" casing with 15 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If no flow or blow, then pump 8 7/8" RCN balls (total of 36 perforations) in additional water and monitor pressure, rate and volumes pumped, to confirm perforations taking water and there is not a casing leak. If bradenhead flows water or there are other indications of a casing leak, then use 1-1/4" tubing to plug well.
4. **Plug #1 (Pictured Cliffs perforations, Fruitland, Kirtland and Ojo Alamo tops, 2600' - 1000')**: Establish rate into Pictured Cliffs perforations with water. Mix and pump 53 sx Class B cement (20% excess) and bullhead down 2-7/8" casing from surface; displace inside casing with water to 1000' to cover Pictured Cliffs perforations, Fruitland, Kirtland and Ojo Alamo tops. Shut in Pictured Cliffs casing valve and WOC. RU A-Plus wireline truck and mast truck. RIH with wireline gauge ring and tag top of cement. POH with wireline. Pressure test 2-7/8" casing to 500#.
5. **Plug #2 (Surface)**: Perforate 2 squeeze holes at 230'. Establish circulation out bradenhead valve. Mix approximately 58 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 well head below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL. Cut off anchors, and restore location.

Recommended:


Operations Engineer

Approval:

Production Superintendent

Canyon Largo Unit #277

CURRENT

Ballard Pictured Cliffs

NE Section 28, T-25-N, R-7-W, Rio Arriba County, NM

Today's Date: 8/7/95

Spud: 3/22/76

Completed: 9/7/77

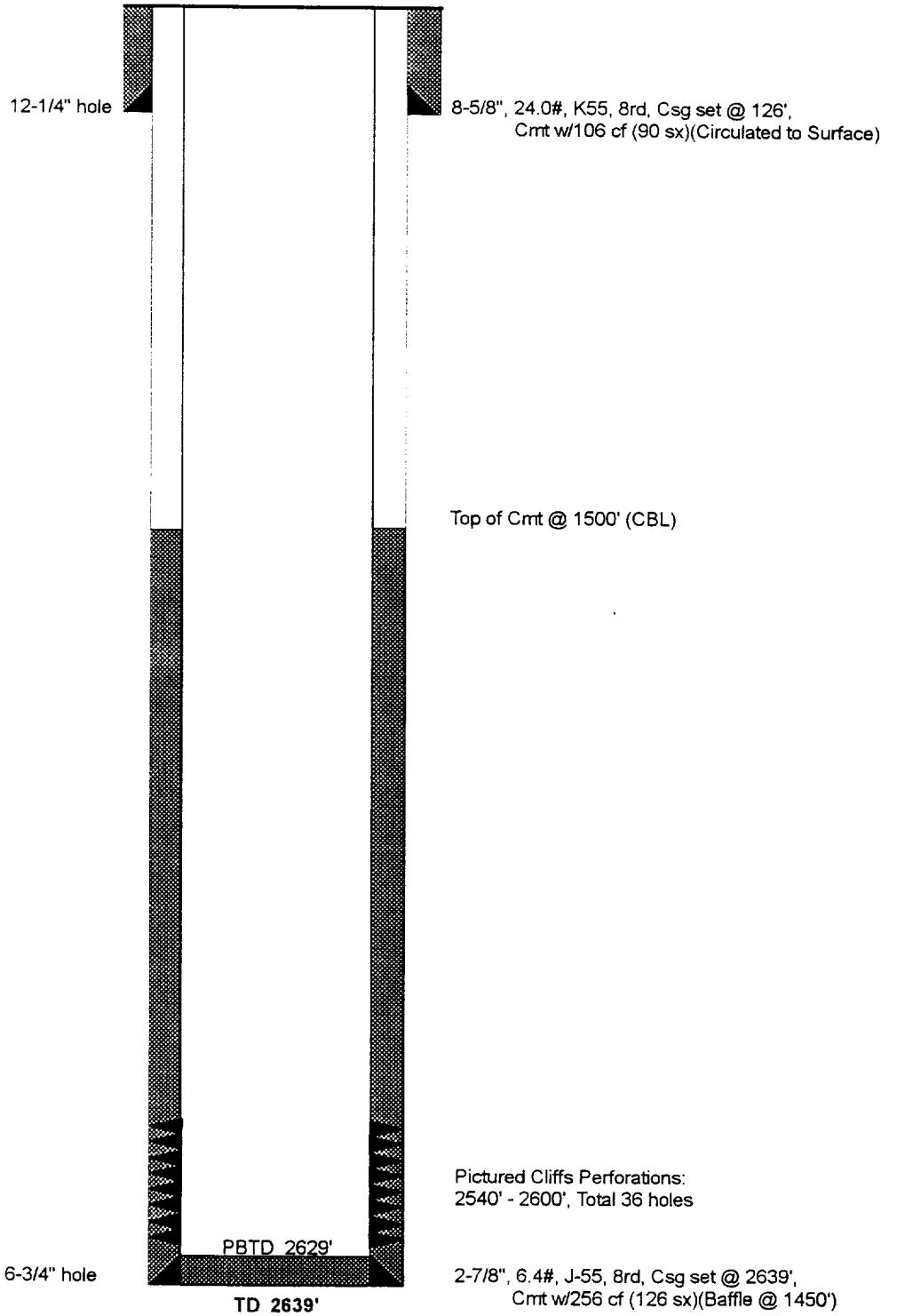
Nacimiento @ 180'

Ojo Alamo @ 1812'

Kirtland @ 1992'

Fruitland @ 2350'

Pictured Cliffs @ 2540'



Canyon Largo Unit #277

PROPOSED

Ballard Pictured Cliffs

NE Section 28, T-25-N, R-7-W, Rio Arriba County, NM

Today's Date: 8/7/95

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