

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  
860'FSL, 1590'FEL, Sec.9, T-28-N, R-4-W, NMPM

5. Lease Number  
SF-079727  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name  
8. Well Name & Number  
Valdez #1  
9. API Well No.  
30-039-22078  
10. Field and Pool  
Choza Mesa Pict.Cliffs  
11. County and State  
Rio Arriba Co, 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

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

RECEIVED  
JAN 3 1995  
OIL & GAS DIV.  
BUREAU OF LAND MANAGEMENT

RECEIVED  
JAN 3 1995  
OIL & GAS DIV.  
BUREAU OF LAND MANAGEMENT

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

Signed Gregory D. Haddad (ROS8) Title Regulatory Affairs Date 12/28/94

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

APPROVED

JAN 05 1995  
for Chip Hamden  
DISTRICT MANAGER

# PERTINENT DATA SHEET

<b>WELLNAME:</b> Valdez #1	<b>DP NUMBER:</b> 45570A <b>PROP. NUMBER:</b> 012612100																																
<b>WELL TYPE:</b> Choza Mesa Pictured Cliffs Ext.	<b>ELEVATION:</b> <b>GL:</b> 7465' <b>KB:</b> 7471'																																
<b>LOCATION:</b> 860' FSL      1590' FEL SE Sec. 9, T28N, R4W Rio Arriba County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF  <div style="text-align: right;"> <b>SICP:</b> Jan., 1980      1022      PSIG         </div>																																
<b>OWNERSHIP:</b> <b>GWI:</b> 90.000000% <b>NRI:</b> 74.375000%	<b>DRILLING:</b> <b>SPUD DATE:</b> 06-27-79 <b>COMPLETED:</b> 01-08-80 <b>TOTAL DEPTH:</b> 4605' <b>PBTD:</b> 4585' <b>COTD:</b> 4585'																																
<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>234'</td> <td>-</td> <td>165 cf (140 sx)</td> <td>surface</td> </tr> <tr> <td>7-7/8" &amp; 6-3/4"</td> <td>2-7/8"</td> <td>6.4#</td> <td>J-55</td> <td>4605'</td> <td>-</td> <td>244 cf (170 sx)</td> <td>3800' (TS)</td> </tr> <tr> <td colspan="8">Tubingless</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	234'	-	165 cf (140 sx)	surface	7-7/8" & 6-3/4"	2-7/8"	6.4#	J-55	4605'	-	244 cf (170 sx)	3800' (TS)	Tubingless							
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<b>PERFORATIONS</b> 4311', 4326', 4336', 4346', 4356', 4414', 4424', 4434', 4444', 4454', 4464', 4474', 4484', 4494', w/1 SPZ, Total 14 holes																																	
<b>STIMULATION:</b> Frac w/152,000# 10/20 sand and 157,000 gal. water. Flushed w/1050 gal. water.																																	
<b>WORKOVER HISTORY:</b> None																																	
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## PLUG & ABANDONMENT PROCEDURE

12-20-94

Valdez #1  
Choza Mesa Pictured Cliffs Ext.  
SE Section 9, T-28-N, R-4-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/or test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Meridian safety rules and regulations.
  2. MOL and RU. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
  3. Open bradenhead valve. Establish a rate down 2-7/8" casing with 20 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If no flow or blow, then pump 4 7/8" RCN balls (total of 14 perforations.) in additional water. Monitor pressure, rate, and volumes pumped, to confirm perforations taking water and there is not a casing leak. If the bradenhead flows water or there are other indications of a casing leak, then do not cut the 2-7/8" casing and pick up 1-1/4" tubing work string to plug well.
  4. **Plug #1 (Pictured Cliffs perms, Fruitland and Kirtland tops, 4494' - 3810')**: Establish rate into Pictured Cliffs perforations with water. Mix and pump 38 sx Class B cement and bullhead down 2-7/8" casing from surface; displace inside casing with water to 3810' to cover Pictured Cliffs perms, Fruitland and Kirtland tops. Shut in 2-7/8" casing valve and WOC. RU A-Plus wireline truck. RIH with wireline gauge ring and tag top of cement. POH with wireline.
  5. Pressure test 2-7/8" casing to 500#. ND 2-7/8" casing head and determine free point by stretch calculation. Jet cut off 2-7/8" casing at approximately 3790'. Establish circulation to surface. Pull 2 joints or more of 2-7/8" casing to insure it is free, then RIH to 3785' with 2-7/8" casing.
  6. **Plug #2 (2-7/8" Casing stub and Ojo Alamo formation top, 3800' to 3707')**: With cut off end of the 2-7/8" casing at 3785', mix 54 sx of Class B cement and spot a balanced plug in the 2-7/8" open hole from 3800' - 3707', covering the 2-7/8 casing stub and Ojo Alamo top. Pull above cement to 3000' and WOC. RIH and tag cement, must be above 3707'. POH to 2643'.
  7. **Plug #3 (Nacimiento top, 2643' - 2543')**: With tubing at 2643', mix 58 sx Class B cement and spot a balanced plug in the 2-7/8" open hole from 2643' - 2543', over the Nacimiento top. POH to 284'.
  8. **Plug #4 (Surface)**: With tubing at 284', mix approximately 86 sx Class B cement and spot a balanced plug from 284' to surface inside the 8-5/8" surface casing, circulate cement out bradenhead valve. POH and LD 2-7/8" casing. Shut in well and WOC.
  9. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, Move off location, cut off anchors and restore location.

Recommended:

  
Operations Engineer

Approval:

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

# Valdez #1

## CURRENT

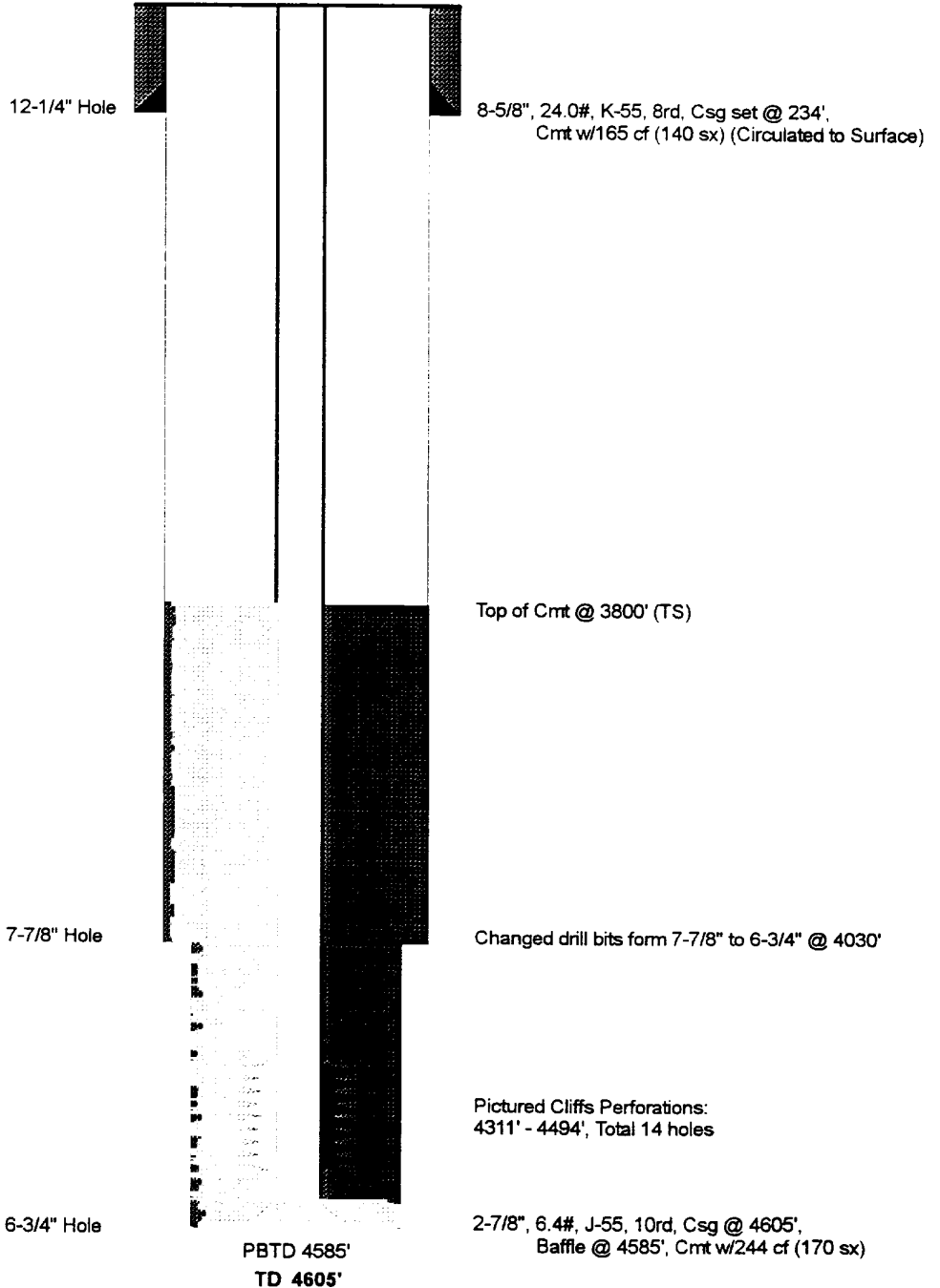
Choza Mesa Pictured Cliffs Ext.

SE Section 9, T-28-N, R-4-W, Rio Arriba County, NM

Today's Date: 12/20/94

Spud: 6/27/79

Completed: 1/8/80



# Valdez #1

## PROPOSED P & A

Choza Mesa Pictured Cliffs Ext.

SE Section 9, T-28-N, R-4-W, Rio Arriba County, NM

Today's Date: 12/20/94

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