

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
LLM

Sundry Notices and Reports on Wells

FARMINGTON, NM

1. Type of Well
GAS

2. Name of Operator
MERIDIAN OIL

3. Address & Phone No. of Operator
PO Bcx 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
940' FNL, 790' FEL, Sec.21, T-28-N, R-4-W, NMPM

- 5. Lease Number
SF-079729
- 6. If Indian, All. or
Tribe Name
- 7. Unit Agreement Name
- 8. Well Name & Number
Valdez #4
- 9. API Well No.
30-039-22081
- 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	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 and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
AUG 10 1995
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (ROS8) Title Regulatory Administrator Date 7/31/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

Date AUG 03 1995

CONDITION OF APPROVAL, if any:

AUG 03 1995
L. ASAMENOTE
DISTRICT MANAGER

PERTINENT DATA SHEET

WELLNAME: Valdez #4	DP NUMBER: 45572A PROP. NUMBER: 012612200																								
WELL TYPE: Choza Mesa Pictured Cliffs	ELEVATION: GL: 7395' KB: 7407'																								
LOCATION: 940' FNL 790' FEL NE Sec. 21, T28N, R4W Rio Arriba County, New Mexico	INITIAL POTENTIAL: AOF N/A SICP: May, 1982 527 PSIG																								
OWNERSHIP: GWI: 100.000000% NRI: 83.125000%	DRILLING: SPUD DATE: 07-30-79 COMPLETED: 01-07-80 TOTAL DEPTH: 4482' PBD: 4473' COTD: 4473'																								
CASING RECORD:																									
<table border="1" 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>K-55</td> <td>244'</td> <td style="text-align: center;">-</td> <td>165 cf (140 sx)</td> <td style="text-align: center;">surface</td> </tr> <tr> <td>7-7/8" & 6-3/4"</td> <td>2-7/8"</td> <td>6.4#</td> <td>J-55</td> <td>4482'</td> <td style="text-align: center;">-</td> <td>277 cf (185 sx)</td> <td style="text-align: center;">3500' (TS)</td> </tr> </tbody> </table>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12-1/4"	8-5/8"	24.0#	K-55	244'	-	165 cf (140 sx)	surface	7-7/8" & 6-3/4"	2-7/8"	6.4#	J-55	4482'	-	277 cf (185 sx)	3500' (TS)
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LOGGING: FDC-GR, IES, CBL, GR-CCL, Temp. Survey																									
PERFORATIONS 4246', 4252', 4263', 4273', 4286', 4296', 4338', 4346', 4360', 4366', 4373', 4387', 4403', 4413', 4424', w/1 SPZ, Total 15 holes																									
STIMULATION: Frac w/134,000# 10/20 sand and 143,900 gal. water.																									
WORKOVER HISTORY: None																									
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PIPELINE: EPNG																									

PLUG AND ABANDONMENT PROCEDURE

7-25-95

Valdez #4

Choza Mesa Pictured Cliffs
NE, Sec. 21, T28N, R4W
Rio Arriba County, New Mexico
Rigless

- 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. Conduct safety meeting for all personnel on location. NU relief line to flow back tank. Blow well down; kill with water as necessary. Install cementing valve.
 2. Open bradenhead valve. Establish 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 15 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.
 3. **Plug #1 (Pictured Cliffs perfs, Fruitland, Kirtland and Ojo Alamo tops, 4424' - 3000')**: Establish rate into Pictured Cliffs perforations with water. Mix and pump 40 sx Class B cement (no excess) and bullhead down 2-7/8" casing from surface; displace inside casing with water to 3000' to cover Pictured Cliffs perfs, Fruitland and Ojo Alamo tops. Shut in Pictured Cliffs casing valve and WOC. RU A-Plus wireline and mast truck. RIH with wireline gauge ring and tag top of cement. POH with wireline. Pressure test 2-7/8" casing to 500#.
 4. If casing pressure tests then continue with step 4; if casing does not pressure test then continue with step 5:
Plug #2 (Nacimiento top, 1460' to 1360'): Perforate 2 squeeze holes at 1460'. Establish rate into squeeze holes. Mix and pump 54 sx Class B cement and bullhead down 2-7/8" casing from surface; squeeze 49 sx cement outside 2-7/8" casing to cover the Nacimiento top and leave 5 sx cement inside casing to 1260'. Shut in well and WOC. RIH with wireline and tag cement. POH to 294'.
Plug #3 (Surface): Perforate 2 squeeze holes at 294'. Establish circulation out bradenhead valve. Mix approximately 86 sx Class B cement and pump down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC. Continue with step 6.
 5. **Plug #2 (Nacimiento top, 1460' to 1360')**: If casing does not test then, MOL and RU daylight pulling unit and wireline truck. ND wellhead and NU BOP and stripping head; test BOP. RIH with 2-1/4" gauge ring and then jet cut casing at 1460'. PU on casing to insure it is free. POH and tally 2-7/8" csg, visually inspect and replace bad joints as necessary. TIH with 2-7/8" csg to 1455'. Mix and pump 58 sx Class B cement and displace through 2-7/8" casing over casing stub at 1460' to 1360'. POH to 294' with casing. WOC then tag cement if hole not stable before and during plug #2.
Plug #3 (Surface): With casing at 294', establish circulation out bradenhead valve. Mix approximately 89 sx Class B cement and pump down 2-7/8" casing, circulate good cement out bradenhead valve. POH and LD casing.

6. ND BOP and cut off well head below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Recommended: *RO Stanfield*

Approval: _____

Valdez #4

Current

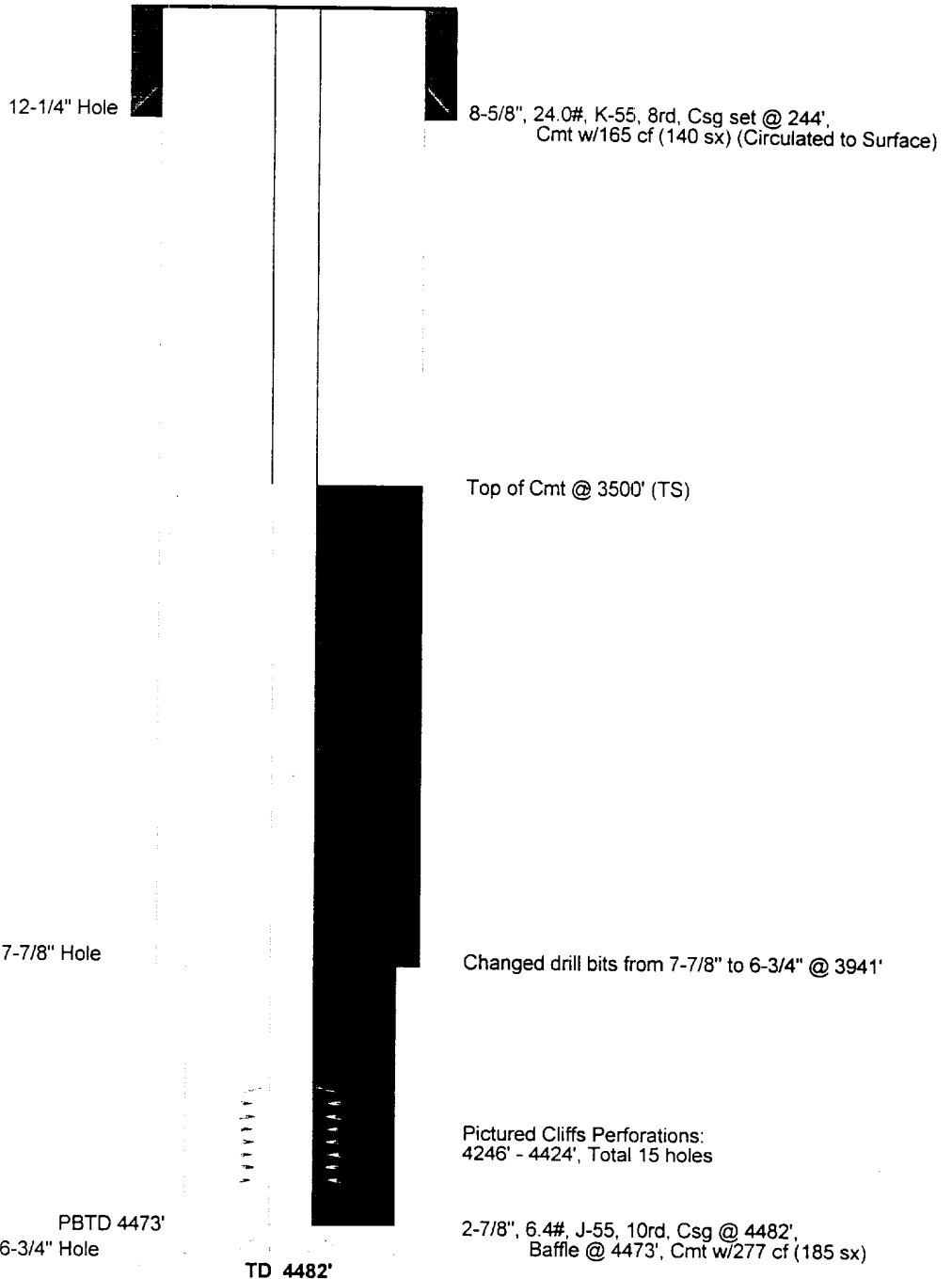
Choza Mesa Pictured Cliffs

NE Section 21, T-28-N, R-4-W, Rio Arriba County, NM

Today's Date: 7/20/954

Spud: 7/30/79

Completed: 1/7/80



Valdez #4

Proposed A

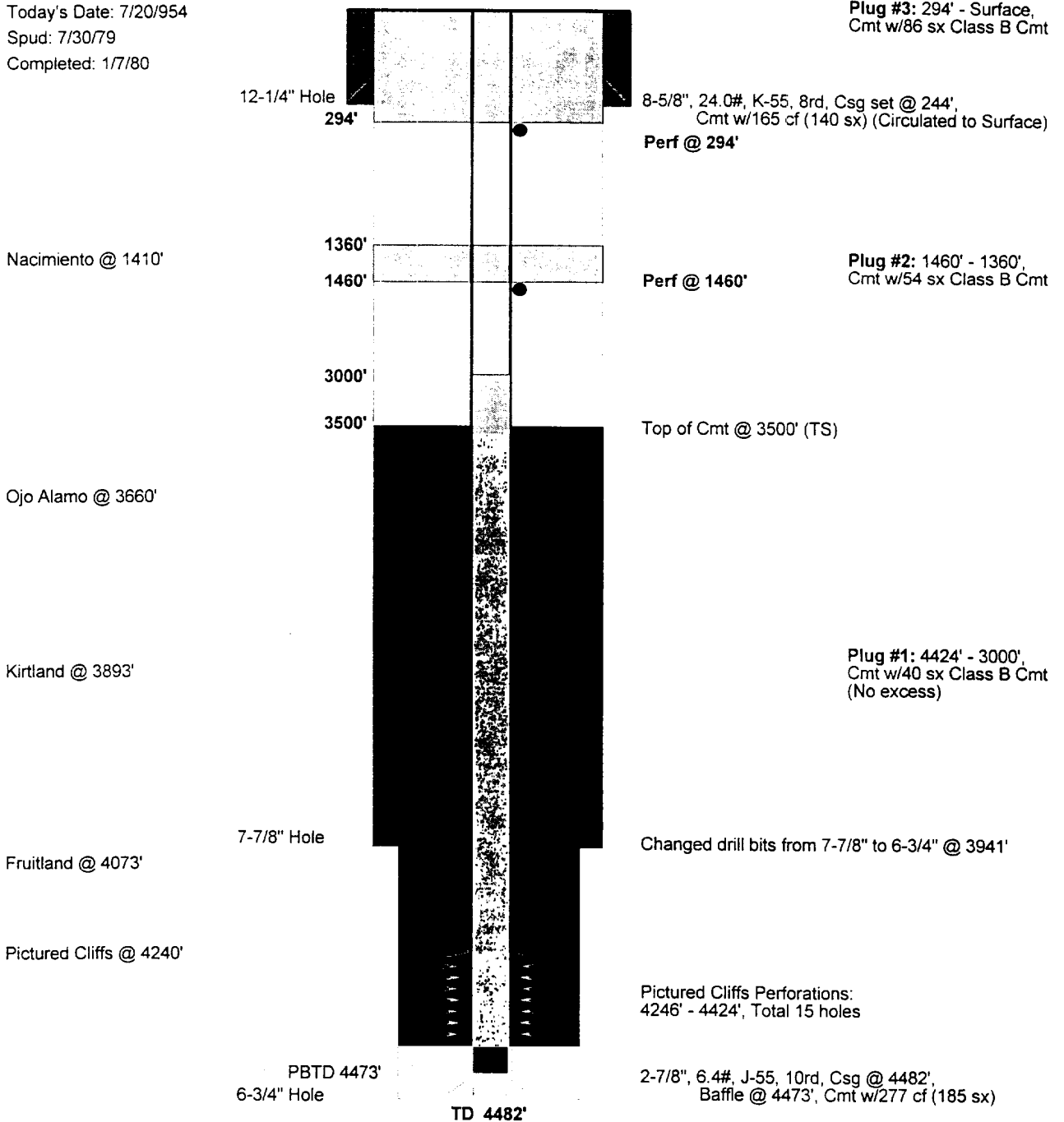
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Valdez #4

Proposed B

Choza Mesa Pictured Cliffs

NE Section 21, T-28-N, R-4-W, Rio Arriba County, NM

Today's Date: 7/20/954
Spud: 7/30/79
Completed: 1/7/80

