

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

DEC - 1 AM 10:47

1. Type of Well
GAS

5. Lease Number
SF-079727A, NM
6. If Indian, All. or
Tribe Name

2. Name of Operator
MERIDIAN OIL

7. Unit Agreement Name

San Juan 28-4 Unit

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

8. Well Name & Number
San Juan 28-4 U #6

4. Location of Well, Footage, Sec., T, R, M
1075'FSL, 925'FEL Sec.11, T-28-N, R-4-W, NMPM

9. API Well No.
30-039-07456

10. Field and Pool
Choza Mesa PC

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

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut off

Altering Casing

Conversion to Injectio

Other -

13. Describe Proposed or Completed Operations

It is intended to plug and abandon this well per the attached procedure and wellbore diagram.

RECEIVED
DEC 12 1994
OIL CON. DIV.
DIST. 3

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

Signed Jerry Stahlhild (ROS8) Title Regulatory Affairs APPROVED 1/94
AS AMENDED

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

DEC 1994
DISTRICT MANAGER

PERTINENT DATA SHEET

WELLNAME: San Juan 28-4 Unit #6	DP NUMBER: 43815A PROP. NUMBER: 007973000																																								
WELL TYPE: Choza Mesa Pictured Cliffs	ELEVATION: GL: 7346' KB: 7357'																																								
LOCATION: 1075' FSL 925' FEL SE Sec. 11, T28N, R4W Rio Arriba County, New Mexico	INITIAL POTENTIAL: AOF 2,370 SICP: May, 1974 540 PSIG																																								
OWNERSHIP: GWI: 0.0000% NRI: 0.0000%	DRILLING: SPUD DATE: 09-05-55 COMPLETED: 11-06-55 TOTAL DEPTH: 6580' PBTD: 5446' COTD: 5446'																																								
CASING RECORD:																																									
<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>15"</td> <td>10-3/4"</td> <td>32.75#</td> <td>H-40</td> <td>216'</td> <td>-</td> <td>110 sx</td> <td>surface</td> </tr> <tr> <td>9-5/8"</td> <td>7-5/8"</td> <td>24.0#</td> <td>J-55</td> <td>4070'</td> <td>-</td> <td>210 sx</td> <td>2759' (75%)</td> </tr> <tr> <td>6-3/4"</td> <td>5-1/2"</td> <td>14.0# & 15.5#</td> <td>J-55</td> <td>6571'</td> <td>-</td> <td>240 sx</td> <td>4000' (TS)</td> </tr> <tr> <td>Tubing</td> <td>1-1/4"</td> <td>2.4#</td> <td>J-55</td> <td>4274'</td> <td></td> <td></td> <td></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>	15"	10-3/4"	32.75#	H-40	216'	-	110 sx	surface	9-5/8"	7-5/8"	24.0#	J-55	4070'	-	210 sx	2759' (75%)	6-3/4"	5-1/2"	14.0# & 15.5#	J-55	6571'	-	240 sx	4000' (TS)	Tubing	1-1/4"	2.4#	J-55	4274'			
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FORMATION TOPS:																																									
Nacimiento 1751' Ojo Alamo 3632' Kirtland 3800' Fruitland 3950' Pictured Cliffs 4060'	Lewis 4349' Mesaverde 6083'																																								
LOGGING: GR, DIL, Temp. Survey																																									
PERFORATIONS (PC) 4224' - 48', 4256' - 62', 4268' - 76', 4282' - 90', w/2 SPF, Total 92 holes (MV) 5900' - 6506', w/2 SPF, Total 208 holes																																									
STIMULATION: (PC) Frac w/40,000 gal. water and 50,000# sand. (MV) Frac 98,000# sand and 80,000 gal. water.																																									
WORKOVER HISTORY: May 1959: Plugged Mesaverde formation and left Pictured Cliffs. RIH w/Baker Model "K" cast iron retainer, set at 5446'. Squeezed w/150 sx reg. cmt. Ran 139 jts 1-1/4", 2.4#, J-55, tbg set at 4274'.																																									
PRODUCTION HISTORY:																																									
Cumulative as of Aug. 94: Gas 191.1 MMcf Oil 0 Bbl Current Rate: 0 Mcfd 0 Bopd	DATE OF LAST PRODUCTION: Gas 8.29 Mcf/D Oil 0 bbl/D May, 1988																																								
PIPELINE: EPNG																																									

PLUG & ABANDONMENT PROCEDURE

11-23-94

San Juan 28-4 Unit #6
Choza Mesa Pictured Cliffs
SE Section 11, T-28-N, R-04-W
Rio Arriba Co., New Mexico

- Note: All cement volumes use 100% excess outside 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 visually inspect 1-1/4", 2.4# tubing (139 jts @ 4274'). If necessary LD 1-14" tubing and PU 2" workstring. RIH with 5-1/2" casing scraper or gauge ring to 4020'.
 4. **Plug #1 (7-5/8" Casing Shoe and Pictured Cliffs perfs)** PU 5-1/2" cement retainer and RIH; set at 4010'. Pressure test tubing to 1000#. Establish rate into Pictured Cliffs perfs. Mix 66 sx Class B cement and squeeze cement below cement retainer from 4290' to 4010' over Pictured Cliffs perfs. Sting out of cement retainer and load well with water; circulate clean. Pressure test casing to 500#. POH with setting tool.
 5. **Plug #2 (Fruitland, Kirtland, and Ojo Alamo tops):** Perforate 4 squeeze holes in 5-1/2" casing at 3980'. If casing tested, establish rate into squeeze holes. PU 5-1/2" cement retainer and RIH; set at 3900'. Mix 92 sx Class B cement, squeeze 40 sx cement into 5-1/2" X 7-5/8" casing annulus from 3980' to 3582' and leave 52 sx inside 5-1/2" casing to 3582' over Fruitland, Kirtland and Ojo Alamo tops. POH with setting tool.
 6. **Plug #3 (Nacimiento top):** Perforate 6 squeeze holes at 1801' through both 5-1/2" and 7-5/8" casing. If casing tested, establish rate into squeeze holes and attempt to circulate to the surface. PU 5-1/2" cement retainer and RIH; set at 1750'. Mix 67 sx Class B cement, squeeze 32 sx between 7-5/8" casing x 9-5/8" open hole annulus, then squeeze 17 sx between 5" x 7-5/8" casing annulus and leave 18 sx cement inside 5-1/2" casing from 1801' - 1701'. POH and LD tubing and setting tool.
 7. **Plug #4 (Surface):** Perforate 6 squeeze holes at 266' through both 5-1/2" and 7-5/8" casing. Establish circulation to surface out both the intermediate and bradenhead valves. Mix approximately 111 sx Class B cement and pump down 5-1/2" casing, circulate good cement out bradenhead valve, then shut valve; continue mixing until cement circulates out intermediate valve, then shut in well and WOC.
 8. ND BOP and cut off all three casing strings below casinghead. 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

San Juan 28-4 Unit #6

CURRENT

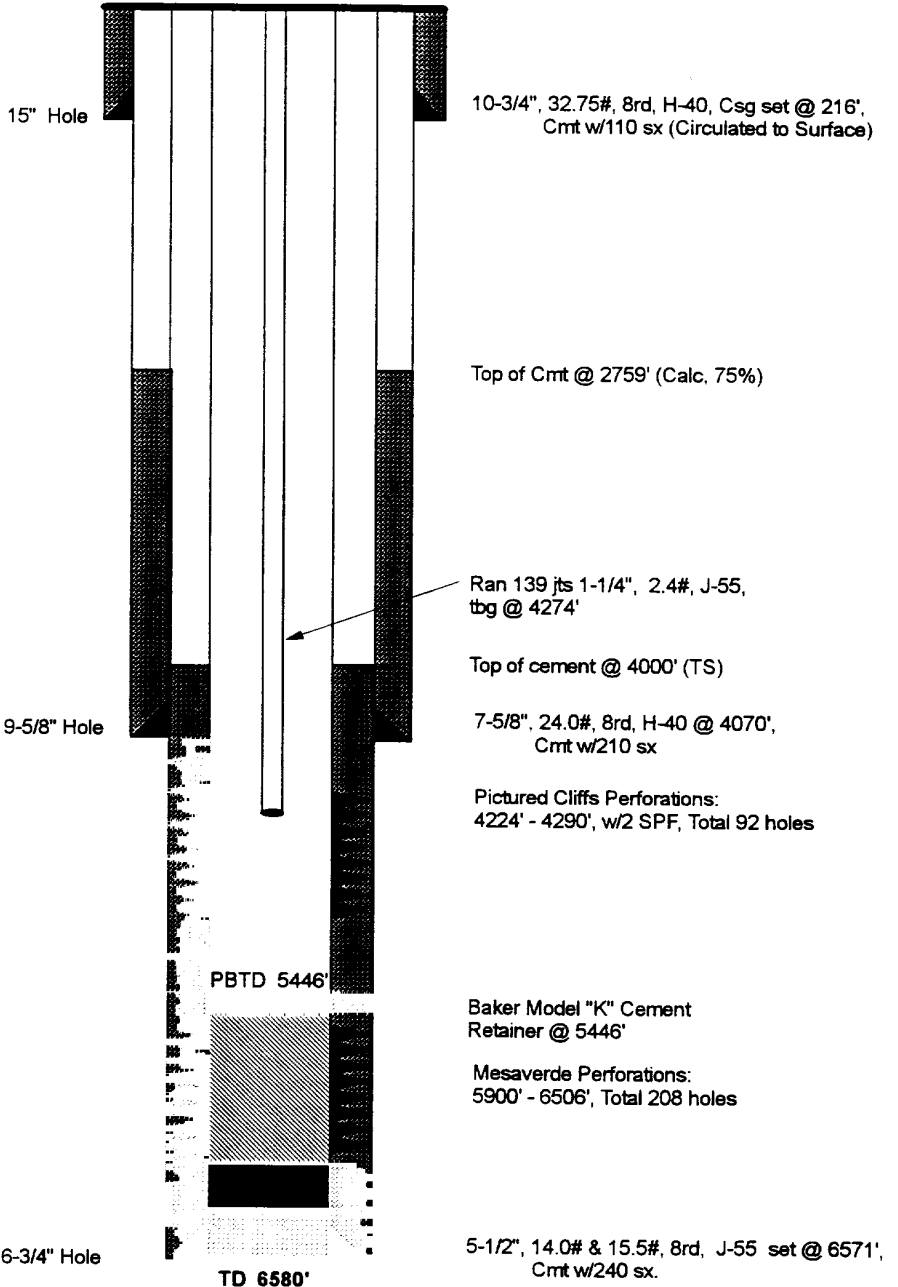
Choza Mesa Pictured Cliffs

SE Section 11, T-28-N, R-4-W, Rio Arriba County, NM

Today's Date: 11/23/94

Spud: 9/5/55

Completed: 11/6/55



Nacimiento @ 1751'

Ojo Alamo @ 3632'

Kirtland @ 3800'

Fruitland @ 3950'

Pictured Cliffs @ 4060'

Mesaverde @ 6083'

10-3/4", 32.75#, 8rd, H-40, Csg set @ 216',
Cmt w/110 sx (Circulated to Surface)

Top of Cmt @ 2759' (Calc. 75%)

Ran 139 jts 1-1/4", 2.4#, J-55,
tbg @ 4274'

Top of cement @ 4000' (TS)

7-5/8", 24.0#, 8rd, H-40 @ 4070',
Cmt w/210 sx

Pictured Cliffs Perforations:
4224' - 4290', w/2 SPF, Total 92 holes

Baker Model "K" Cement
Retainer @ 5446'

Mesaverde Perforations:
5900' - 6506', Total 208 holes

5-1/2", 14.0# & 15.5#, 8rd, J-55 set @ 6571',
Cmt w/240 sx.

PBTD 5446'

TD 6580'

San Juan 28-4 Unit #6

PROPOSED

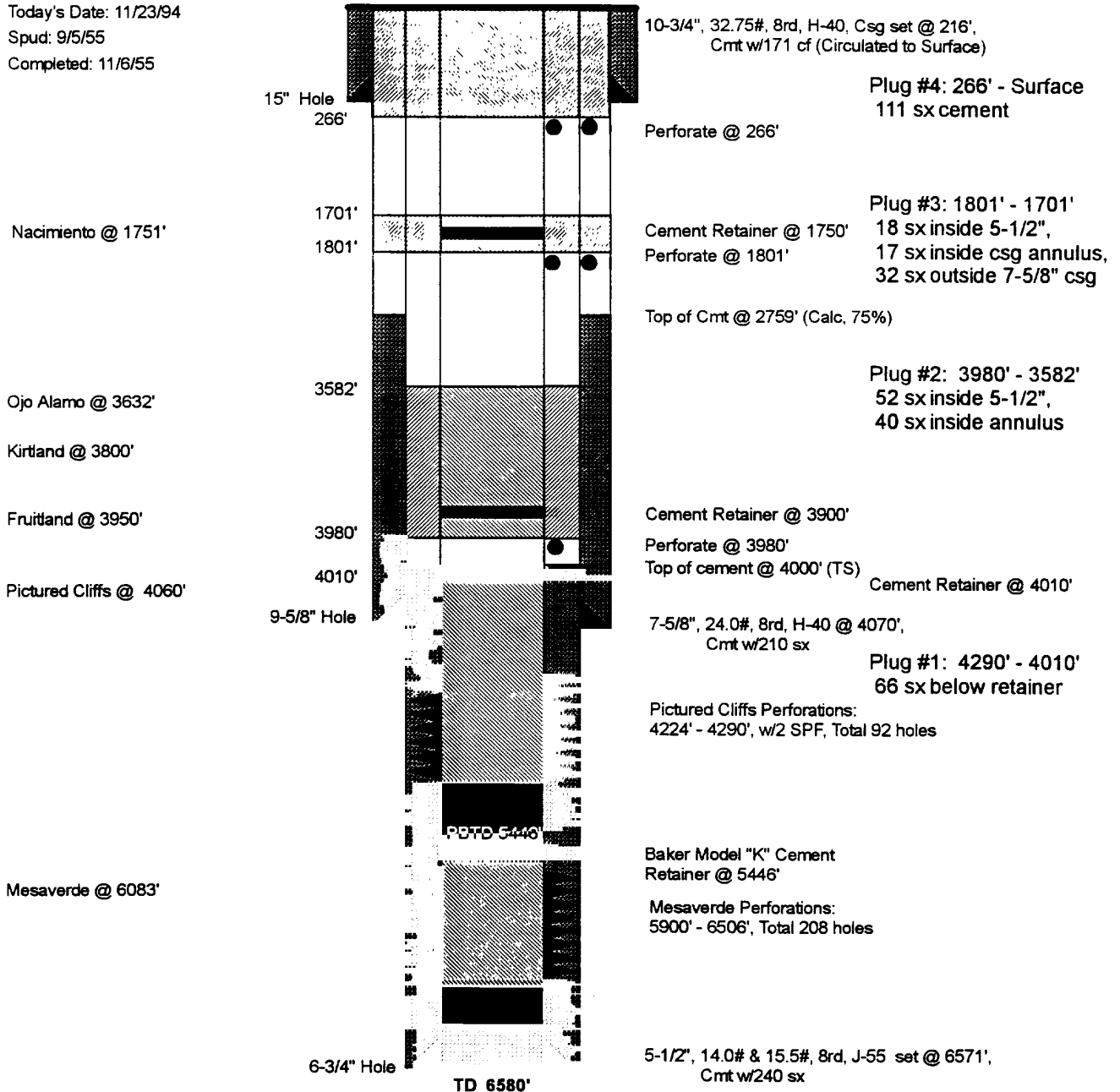
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TD 6580'