

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
454'FSL, 950'FWL, Sec.3, T-27-N, R-4-W, NMMPM

5. Lease Number
SF-080668
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 27-4 Unit
8. Well Name & Number
San Juan 27-4 U #94
9. API Well No.
30-039-20837
10. Field and Pool
Basin Dakota
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
DEC - 8 1994

OIL CON. DIV.
DIST. 3

COPIES TO 107
11/30/94

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

Signed [Signature] (ROS8) Title Regulatory Affairs Date 11/30/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

Date

APPROVED
AS AMENDED

DEC 05 1994

DISTRICT MANAGER

PERTINENT DATA SHEET

WELLNAME: San Juan 27-4 Unit #94				DP NUMBER: 44831A PROP. NUMBER: 007972302																																											
WELL TYPE: Basin Dakota				ELEVATION: GL: 6806' KB: 6817'																																											
LOCATION: 454' FSL 950' FWL SW Sec. 3, T27N, R4W Rio Arriba County, New Mexico				INITIAL POTENTIAL: AOF 1,349 SICP: June, 1985 917 PSIG																																											
OWNERSHIP: GWI: 81.5469% NRI: 67.1011%				DRILLING: SPUD DATE: 11-18-74 COMPLETED: 01-17-75 TOTAL DEPTH: 8175' PBTD: 8130' COTD: 8130'																																											
CASING RECORD: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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>13-3/4"</td> <td>9-5/8"</td> <td>36.0#</td> <td>K-55</td> <td>204'</td> <td>-</td> <td>225 cf</td> <td>surface</td> </tr> <tr> <td>8-3/4"</td> <td>7"</td> <td>20.0#</td> <td>K-55</td> <td>4044'</td> <td>-</td> <td>206 cf</td> <td>2940' (TS)</td> </tr> <tr> <td>6-1/4"</td> <td>4-1/2"</td> <td>10.5# & 11.6#</td> <td>J-55</td> <td>8138'</td> <td>Float Collar @ 8130'</td> <td>751 cf</td> <td>3600' (CBL)</td> </tr> <tr> <td>Tubing</td> <td>1-1/2" EUE</td> <td>2.9#</td> <td>" A "</td> <td>8064'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="margin-top: 5px;">Baker Expendable check valve, 1 jt 1-1/2" tbg, SN at 8031', 254 jts 1-1/2", 2.9#, 10rd. Class "A", tbg set at 8064'</p>								HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	13-3/4"	9-5/8"	36.0#	K-55	204'	-	225 cf	surface	8-3/4"	7"	20.0#	K-55	4044'	-	206 cf	2940' (TS)	6-1/4"	4-1/2"	10.5# & 11.6#	J-55	8138'	Float Collar @ 8130'	751 cf	3600' (CBL)	Tubing	1-1/2" EUE	2.9#	" A "	8064'			
HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC																																								
13-3/4"	9-5/8"	36.0#	K-55	204'	-	225 cf	surface																																								
8-3/4"	7"	20.0#	K-55	4044'	-	206 cf	2940' (TS)																																								
6-1/4"	4-1/2"	10.5# & 11.6#	J-55	8138'	Float Collar @ 8130'	751 cf	3600' (CBL)																																								
Tubing	1-1/2" EUE	2.9#	" A "	8064'																																											
FORMATION TOPS: <table style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 40%;">Nacimiento</td> <td style="width: 20%;">1350'</td> <td style="width: 40%;">Mesaverde</td> <td style="width: 20%;">5475'</td> </tr> <tr> <td>Cijo Alamo</td> <td>3220'</td> <td>Point Lookout</td> <td>5840'</td> </tr> <tr> <td>Kirtland</td> <td>3320'</td> <td>Gallup</td> <td>6867'</td> </tr> <tr> <td>Fruitland</td> <td>3500'</td> <td>Graneros</td> <td>7895'</td> </tr> <tr> <td>Pictured Cliffs</td> <td>3703'</td> <td>Dakota</td> <td>7980'</td> </tr> </table>								Nacimiento	1350'	Mesaverde	5475'	Cijo Alamo	3220'	Point Lookout	5840'	Kirtland	3320'	Gallup	6867'	Fruitland	3500'	Graneros	7895'	Pictured Cliffs	3703'	Dakota	7980'																				
Nacimiento	1350'	Mesaverde	5475'																																												
Cijo Alamo	3220'	Point Lookout	5840'																																												
Kirtland	3320'	Gallup	6867'																																												
Fruitland	3500'	Graneros	7895'																																												
Pictured Cliffs	3703'	Dakota	7980'																																												
LOGGING: I-GL, FDC-GR, MSG BOND, Temp. Log, Temp. Survey																																															
PERFORATIONS 7922', 7987', 8013', 8068', 8072'. w/1 SPZ, Total 5 holes																																															
STIMULATION: Fraced w/40,000# 40/60 sand and 41,580 gal. treated water. No ball drops. Flushed w/5,336 gal. water.																																															
WORKOVER HISTORY: None																																															
<table style="width: 100%;"> <tr> <td style="width: 25%;">PRODUCTION HISTORY:</td> <td style="width: 15%;"><u>Gas</u></td> <td style="width: 15%;"><u>Oil</u></td> <td style="width: 25%;">DATE OF LAST PRODUCTION:</td> <td style="width: 15%;"><u>Gas</u></td> <td style="width: 20%;"><u>Oil</u></td> </tr> <tr> <td>Cumulative as of Aug. 94:</td> <td>122.7 MMcf</td> <td>0 MBbl</td> <td>Feb., 1990</td> <td>2.0 Mcf/D</td> <td>0 bbl/D</td> </tr> <tr> <td>Current Rate:</td> <td>0 Mcfd</td> <td>0 Bopd</td> <td></td> <td></td> <td></td> </tr> </table>								PRODUCTION HISTORY:	<u>Gas</u>	<u>Oil</u>	DATE OF LAST PRODUCTION:	<u>Gas</u>	<u>Oil</u>	Cumulative as of Aug. 94:	122.7 MMcf	0 MBbl	Feb., 1990	2.0 Mcf/D	0 bbl/D	Current Rate:	0 Mcfd	0 Bopd																									
PRODUCTION HISTORY:	<u>Gas</u>	<u>Oil</u>	DATE OF LAST PRODUCTION:	<u>Gas</u>	<u>Oil</u>																																										
Cumulative as of Aug. 94:	122.7 MMcf	0 MBbl	Feb., 1990	2.0 Mcf/D	0 bbl/D																																										
Current Rate:	0 Mcfd	0 Bopd																																													
PIPELINE: NWPL																																															

San Juan 27-4 Unit #94
Basin Dakota
SW Section 3, T-27-N, R-04-W
San Juan Co., New Mexico
11/23/94

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 tally 1-1/2". 2.9#, EUE tubing (255 jts @ 8064'), visually inspect. If necessary, P J 2" workstring.
4. **Plug #1 (Dakota Perforations):** RIH with open ended tubing to 8072'; pump 30 bbls water down tubing. Mix 31 sx Class B cement and spot balanced plug over Dakota perms from 8072' to 7872'. POH to 6000' and WOC. RIH and tag cement. Pull above top of cement. Load well with water and circulate clean. Pressure test casing to 500#. POH to 6917'.
5. **Plug #2 (Gallup top)** Mix 12 sx Class B cement and spot a balanced plug from 6917' to 6817' over Gallup top. POH to 5525'.
6. **Plug #3 (Mesaverde top)** Mix 12 sx Class B cement and spot a balanced plug from 5525' to 5425' over Mesaverde top. POH to 4094'.
7. **Plug #4 (7" Casing Shoe and Pictured Cliffs top)** Mix 38 sx Class B cement and spot a balanced plug from 4094' to 3653' over 7" casing shoe and Pictured Cliffs top. POH with tubing. Pressure test casing to 500#.
8. **Plug #5 (Fruitland, Kirtland and Ojo Alamo tops):** Perforate 4 squeeze holes at 3550' through 4-1/2" casing. If casing tested, establish rate into squeeze holes and attempt to establish circulation out intermediate casing valve. PU 4-1/2" cement retainer and RIH; set at 3500'. Mix and pump 78 sx Class B cement, squeeze 45 sx cement into 4-1/2" x 7" annulus and leave 33 sx cement inside 4-1/2" casing from 3550' to 3170'. POH with tubing and setting tool.
9. **Plug #6 (Nacimiento top):** Perforate 6 squeeze holes at 1400' through 4-1/2" casing and 7" casing. If casing tested, establish rate into squeeze holes and attempt to establish circulation out intermediate casing valve and bradenhead valve. PU 4-1/2" cement retainer and RIH; set at 1350'. Mix and pump 53 sx Class B cement, squeeze 15 sx cement into the 4-1/2" x 7" annulus, 26 sx cement outside the 7" casing and leave 12 sx cement inside casing from 1400' to 1300'. POH and LD tubing and setting tool.
10. **Plug #7 (Surface):** Perforate 4 squeeze holes at 254'. Establish circulation out intermediate and bradenhead valves. Mix Class B cement and pump down 4-1/2" casing, circulate good cement out bradenhead valve, then shut valve; continue mixing until cement circulates out intermediate valve, approximately 97 sx cement, then shut in well and WOC.

San Juan 27-4 Unit #94
Basin Dakota
SW Section 3, T-27-N, R-04-W
San Juan Co., New Mexico
11/23/94 _

3

11. ND BOP and cut off all three casing strings below surface casing. 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 27-4 Unit #94

CURRENT

Basin Dakota

SW Section 3, T-27-N, R-4-W, Rio Arriba County, NM

:

Today's Date: 11/23/94

Spud: 11/18/74

Completed: 1/17/75

Nacimiento @ 1350'

Ojo Alamo @ 3220'

Kirtland @ 3320'

Fruitland @ 3500'

Pictured Cliffs @ 3703'

Mesaverde @ 5475'

Gallup @ 6867'

Dakota @ 7980'

13-3/4" Hole

8-3/4" Hole

6-1/4" Hole

9-5/8", 36.0#, K-55, 8rd, Csg set @ 204'.
Cmt w/225 cf (Circulated to Surface)

Top of Cmt @ 2940' (TS)

Top of Cmt @ 3600', (CBL)

7", 20#, K-55, Csg @ 4044',
Cmt w/206 cf

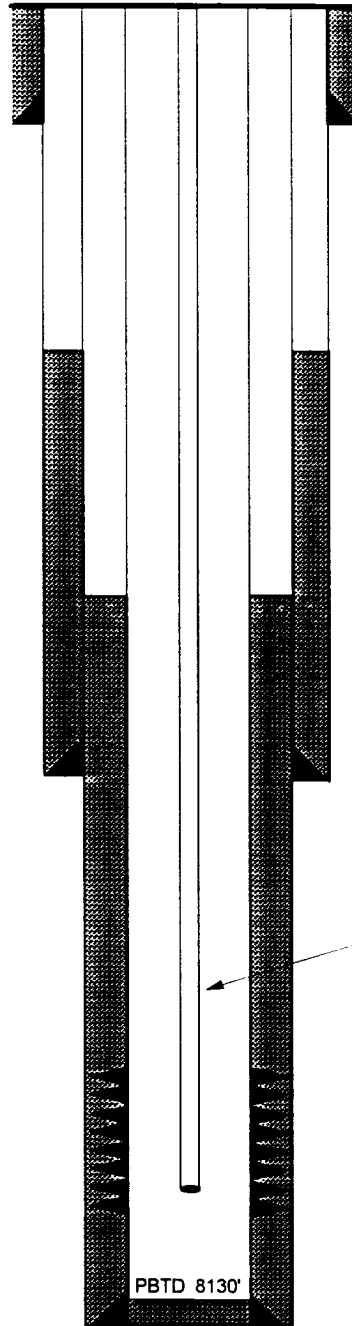
255 jts 1-1/2", 2.9#, EUE, Class "A", 10rd.
Tubing @ 8064', SN 1 jt off bottom @ 8031',
Baker Expendable chk Valve at 8064'

Dakota Perforations:
7922' - 8072', w/1 SPZ, Total 5 ho es

4-1/2", 10.5# & 11.6#, J-55, 8rd, Csg set @ 8138',
Cmt w/ 751 cf

PBTD 8130'

TD 8175'



San Juan 27-4 Unit #94

PROPOSED P & A

Basin Dakota

SW Section 3, T-27-N, R-4-W, Rio Arriba County, NM

Today's Date: 11/23/94

Spud: 11/18/74

Completed: 1/17/75

Nacimiento @ 1350'

Ojo Alamo @ 3220'

Kirtland @ 3320'

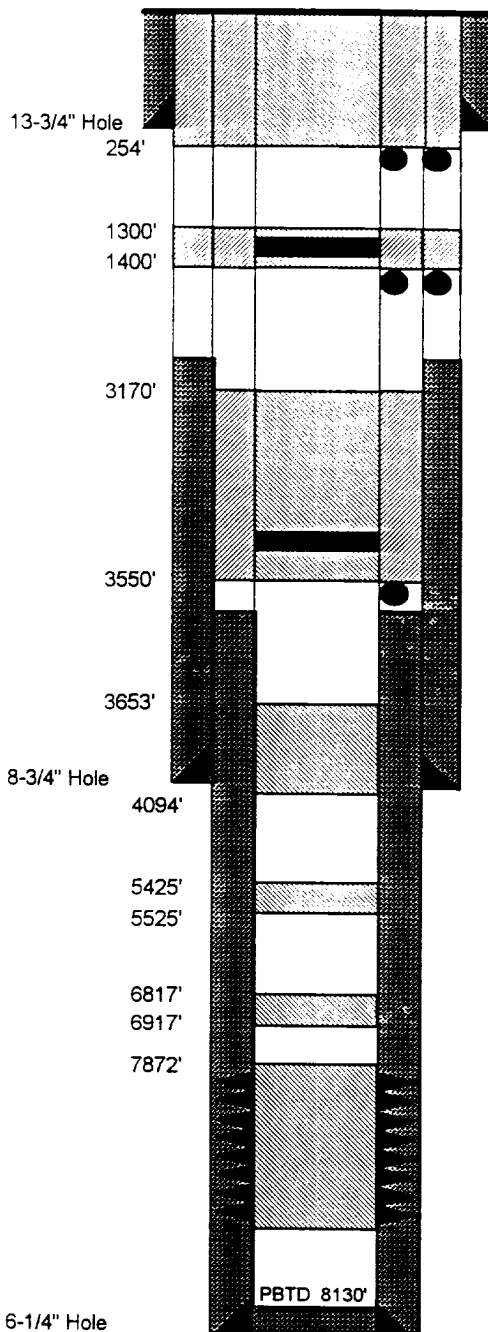
Fruitland @ 3500'

Pictured Cliffs @ 3703'

Mesaverde @ 5475'

Gallup @ 6867'

Dakota @ 7980'



Plug #7: 254' - Surface
97 sx Class B cement

9-5/8", 36.0#, K-55, 8rd, Csg set @ 204',
Cmt w/225 cf (Circulated to Surface)

Perforate @ 254'

Cement Rt @ 1350' Plug #6: 1400' - 1300'
Perforate @ 1400' 12 sx cmt inside 4-1/2",
15 sx in csg annulus,
26 sx outside 7" csg.

Top of Cmt @ 2940' (TS)

Plug #5: 3550' - 3170'
33 sx cmt inside 4-1/2",
45 sx cmt in annulus.

Cement Rt @ 3500'

Perforate @ 3550'

Top of Cmt @ 3600' (CBL)

Plug #4: 4094' - 3653'
38 sx Class B cement

7", 20#, K-55, Csg @ 4044',
Cmt w/206 cf

Plug #3: 5525' - 5425'
12 sx Class B cement

Plug #2: 6917' - 6817'
12 sx Class B cement

Plug #1: 8072' - 7872'
31 sx Class B cement

Dakota Perforations:
7922' - 8072', w/1 SPZ, Total 5 holes

4-1/2", 10.5# & 11.6#, J-55, 8rd, Csg set @ 8138',
Cmt w/751 cf

TD 8175'