

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

92 OCT -9 PM 2:33  
013 F

1. Type of Well  
GAS

2. Name of Operator  
Meridian Oil Inc.

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

4. Location of Well, Footage, Sec., T, R, M  
918'FNL, 950'FEL Sec.36, T-29-N, R-4-W, NMPM

5. Lease Number  
SF-079761 N.M.  
6. If Indian, All: or  
Tribe Name

7. Unit Agreement Name

San Juan 29-4 Unit  
8. Well Name & Number  
San Juan 29-4 U #16  
9. API Well No.  
30-039-  
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

<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 & abandon this well per the attached procedure and wellbore diagram.

Oil & Gas  
1992

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

Signed [Signature] (KS) Title Regulatory Affairs Date 10/9/92

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

APPROVED  
AS AMENDED

Date  
OCT 16 1992

AREA MANAGER

NMOCD

**Pertinent Data Sheet - San Juan 29-4 Unit #16**

**Location:** NE/4 Section 36, T-29-N, R-04-W, Rio Arriba County, NM

**Field:** Choza Mesa - Pictured Cliffs

**Elevation:** 7035' GL  
7045' DF

**TD:** 4035'  
**COTD:** 4020'

**Spud Date:** 7/18/58  
**Completed:** 10/29/58

**DP#:** PC = 50202A-1  
**GWl:** PC = 33.35%  
**NRI:** PC = 17.87%

**Initial Potential:**  
AOF: PC = 647 MCF/D  
SICP: PC = 953 psi

**Casing Record:**

<b><u>Hole Size</u></b>	<b><u>Casing Size</u></b>	<b><u>Weight &amp; Grade</u></b>	<b><u>Depth Set</u></b>	<b><u>Cement/Top</u></b>
13-3/4"	9-5/8"	25.4# Spiral Weld	132'	150 sx/surface
8-3/4"	5-1/2"	15.50# J-55	4034'	150 sx/3240' (TS)

**Tubing Record:**

<b><u>Tubing Size</u></b>	<b><u>Weight &amp; Grade</u></b>	<b><u>Depth Set</u></b>
1-1/4"	EUE	3926'

**Formation Tops:**

Ojo Alamo	3300'
Kirtland	3467'
Fruitland	3626'
Pictured Cliffs	3738'

**Logging Record:** ES, ML, Temperature Survey

**Stimulation:** Perfed: 3760-3790, 3860-3886, 3900-3926, 3962-3982, 3994-4006, w/ 2 SPF.  
Fraced: 82,250 gal water and 80,000# 20/40 sand.

**Workover History:** (9/30/80) Tubing pressure was 0 psi. Made 10 swab runs. Casing pressure went from 330 psi to 450 psi. Well started making a small amount of gas.  
(10/1/80) Tubing pressure was 230 psi. Casing pressure was 450 psi. Made 6 swab runs. The swab would hit gas cut water @ 2400'. From 2900' to TD(3400'), the water was not gas cut. A hole is suspected in the tubing @ 2900'.

**Production History:**

Current:	PC = 0 MCF/D
Cumulative:	PC = 64.391 MMCF
Last Production:	July, 1980

**Transporter:**

Condensate:	Meridian Oil Inc.
Gas:	El Paso Natural Gas Co.

San Juan 29-4 Unit #16  
NE/4 SECTION 36, T29N, R04W  
RIO ARriba COUNTY, NEW MEXICO

WELLBORE SCHEMATIC

CURRENT

PROPOSED

CMT W/ 150 SX  
(SURFACE)

9-5/8" 25.40# SPIRAL  
WELD CSG SET @ 132'

CMT W/ 150 SX REGULAR  
CEMENT @ 3240' (TS)

1-1/4" EUE TUBING  
SET @ 3928'

PICTURED CLIFFS  
PERFORATIONS FROM 4008' -  
3760' (336')

5-1/2" 15.50# J-55  
CASING SET @ 4034'



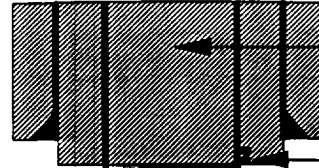
TOP OF OJO ALAMO @ 3300'

TOP OF KIRTLAND @ 3467'

TOP OF FRUITLAND COAL @ 3628'

TOP OF PICTURED CLIFFS @ 3738'

COTD @ 4020'  
TD @ 4035'



CLASS B CMT FROM 182'  
TO SURFACE. APPROX.  
67 SX

2 SQUEEZE HOLES SHOT  
@ 182' (50' BELOW CSG  
SHOE)

9.0 PPG MUD FROM 3250'  
TO 182' APPROX. 73 BBLs

CMT RETAINER @ 3250'  
W/ 6 SX CMT ON TOP  
(50' ABOVE OJO ALAMO  
FORMATION)

175 SX CLASS B CEMENT  
SQUEEZED UNDER CMT  
RETAINER FROM COTD  
(4020') TO 50' ABOVE TOP  
OF OJO ALAMO (3250')  
PLUS 100% EXTRA

**San Juan 29-4 Unit #16**  
**PLUG AND ABANDON PROCEDURE**  
NE/4, Section 36, T-29-N, R-04-W

Note: Notify BLM (326-6201) and NMOCD (327-5344) 24 hours before activity.

1. Test location rig anchors and repair if necessary. Hold safety meeting. MIRU. Comply with all BLM, NMOCD, and MOI rules and regulations. Place fire and safety equipment in strategic locations.
2. Obtain all wellhead pressures. Blow well down. Kill well with water if necessary. ND wellhead. NU BOP and relief line. Test operation of BOP.
3. TOOH with 3926' of 1-1/4" EUE tubing.
4. TIH with 2-3/8" workstring and 5-1/2" 15.50# casing scraper down to 3400'. TOOH.
5. TIH with 2-3/8" workstring and 5-1/2" cement retainer. Set cement retainer @ 3250'. Mix and pump 175 sxs (37 bbls) of Class B, 15.6 ppg cement through cement retainer. This will fill 5-1/2" casing from COTD (4020') to 3250' (50' above Ojo Alamo) plus 100% extra.
6. Sting out of cement retainer and pump another 6 sxs of Class B cement on top of retainer. Pull up tubing and reverse circulate with water.
7. Mix and place 73 bbls of 9.0 ppg, 50 viscosity mud from 3250' to 182'. TOOH.
8. RU wireline. Perforate 2 squeeze holes @ 182' (50' below surface casing). RD wireline.
9. Open bradenhead valve. Establish circulation down 5-1/2" casing and out bradenhead valve with water. Mix and pump Class B, 15.6 ppg cement down casing and out bradenhead valve (approximately 67 sx, 14 bbls). Circulate good cement to surface out bradenhead valve.
10. RD and MOL.
11. Cut off wellhead below surface casing flange. Install dry hole marker and restore location to BLM specifications.

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R. F. Headrick

A-Plus Well Service ..... (325-2627)