

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 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  
1190'FNL, 990'FEL Sec.31, T-29-N, R-4-W, NMPM

5. Lease Number 31  
SF-079893A  
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 #14  
9. API Well No.  
30-039-  
10. Field and Pool  
Blanco Mesa Verde  
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.

CONDITIONS OF APPROVAL

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 10/16/1992  
AREA MANAGER

NMOCD

**Pertinent Data Sheet - San Juan 29-4 Unit #14**

**Location:** NE/4 Section 31, T-29-N, R-04-W, Rio Arriba County, NM

**Field:** Blanco Mesa Verde

**Elevation:** 7342' GL  
7352' KB

**TD:** 6680'  
**COTD:** 6610'

**Completed:** 10-09-57

**DP#:** MV = 50017A-1  
**GWI:** MV = 24.96%  
**NRI:** MV = 14.92%

**Initial Potential:**

AOF: = 1523 MCF/D  
SICP: = 1137 psi

**Casing Record:**

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight &amp; Grade</u>	<u>Depth Set</u>	<u>Top/Cement</u>
15"	10-3/4"	32.75# S.W.	175'	150 sx (surface)
9-7/8"	7-5/8"	26.40# J-55	4426'	250 sx 3310' TS
6-3/4"	5-1/2"	15.50# J-55	6639'	300 sx 4170' TS

**Tubing Record:**

<u>Tubing Size</u>	<u>Weight &amp; Grade</u>	<u>Depth Set</u>
2-3/8"	4.7# J-55	6587' ( 221 jts)

**Formation Tops:**

Ojo Alamo	3607'
Kirtland	3764'
Fruitland	3942'
Pictured Cliffs	4153'
Lewis	4348'
Cliff House	6155'
Menefee	6175'
Point Lookout	6466'
Mancos	6663'

**Logging Record:** Induction, Gamma Ray, Temperature Survey, ML, ES

**Stimulation:** Point Lookout: Perforated: 6430'-6470';6520'-6540';6579'-6589'  
Fraced: 50,000 gals water and 60,000# sand.  
Flushed with 6,600 gals water.  
Cliff House: Perforated: 6152'-6176';6264'-6284'  
Fraced: 38,400 gals water and 40,000# sand.  
Flushed with 6,000 gals water.

**Workover History:** N/A

**Production History:**

Current:	MV = 0 MCF/D
Cumulative:	MV = 55.2 MMCF
Initial Deliverability:	MV = 51 MCF/D
Latest Deliverability:	MV = 2 MCF/D
First Delivery:	May 4, 1958
Last Production:	December, 1982
Booked Remaining Reserves:	0 MMCF

**Transporter:** Gas: El Paso Natural Gas Company.

# San Juan 29-4 #14

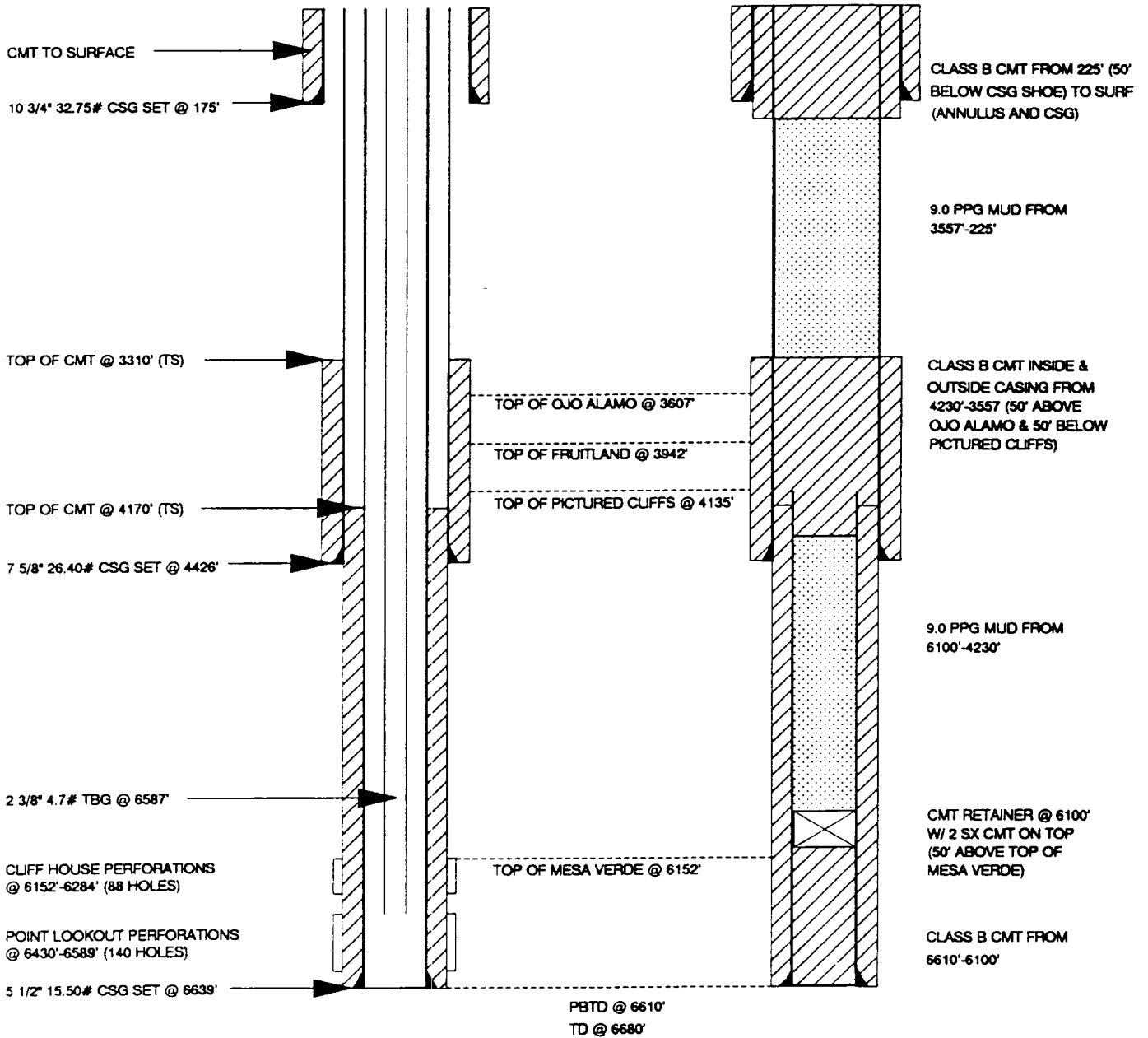
## NE/4 SECTION 31, T29N, R04W

### WELLBORE SCHEMATIC

CASING LEAK INDICATED  
@ BRADENHEAD VALVE AND @  
INTERMEDIATE VALVE

CURRENT

PROPOSED



**San Juan 29-4 Unit #14**  
**PLUG AND ABANDON PROCEDURE**  
NE/4, Section 31, T-29-N, R-04-W

RECEIVED  
BLM  
92 OCT -9 PM 2:31  
019 FARMINGTON, N.M.

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. 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 6587' (221 jts) of 2-3/8" 4.7# J-55 tubing.
4. TIH with 2-3/8" tubing and 5-1/2" 15.50# casing scraper down to 6125'. TOOH.
5. TIH with 2-3/8" workstring and 5-1/2" cement retainer. Set retainer @ 6100'. Mix and pump 119 sxs (25 bbls) of Class B 15.6 ppg cement through cement retainer. This will fill 5-1/2" casing from PBTD (6610') to 6100' (50' above Mesa Verde) plus 100% extra.
6. Sting out of cement retainer and pump another 5 sxs of Class B cement on top of retainer. Pull up tubing and reverse circulate with water.
7. Mix and place 45 bbls of 9.0 ppg 50 viscosity mud from 6100' to 4230'. TOOH.
8. RU wireline. Cut 5-1/2" casing @ top of cement (4170' with Temperature Survey). RD wireline.
9. TOOH with 5-1/2" 15.50# J-55 casing.
10. TIH with 2-3/8" tubing down to 4230'. Mix and place 151 sxs (32 bbls) of Class B 15.6 ppg cement from 4230' to 3557'. This will cover the Ojo Alamo, Fruitland, and Pictured Cliffs inside and out plus 50' above and below the formations. TOOH. WOC.
11. Pressure test 7-5/8" casing to 500 psi. If casing does not hold pressure, TIH with tubing and packer. Locate holes in casing and repair with cement.
12. Mix and place 158 bbls of 9.0 ppg 50 viscosity mud from 3557' to 225'.
13. RU wireline. Perforate 2 squeeze holes @ 225'. RD wireline.

**San Juan 29-4 Unit #14  
PLUG AND ABANDON PROCEDURE**

14. Establish circulation down 7-5/8" casing and out bradenhead valve with water. Mix and pump Class B 15.6 ppg cement down casing and out bradenhead valve (approximately 100 sx, 21 bbls). Circulate good cement to surface out bradenhead valve.
15. RD and MOL.
16. Cut off wellhead below surface casing flange. Install dry hole marker and restore location to BLM specifications.

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R. F. Headrick

Bedford Inc. .... (325-1211)

KS