

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  
990'FNL, 990'FEL Sec.17, T-30-N, R-10-W, NMPM

5. Lease Number  
SF-077764

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Schumacher #8

9. API Well No.

10. Field and Pool  
Aztec Pic.Cliffs

11. County and State  
San Juan 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 Injectio
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

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

RECEIVED  
FEB 1 5 1994  
OIL CON. DIV  
DIST. 3

RECEIVED  
BLM  
04 FEB -8 PM 3:15  
070 FARMINGTON, NM

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

Signed [Signature] (LWD) Title Regulatory Affairs Date 2/7/94

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date FEB 11 1994

CONDITION OF APPROVAL, if any:

NMOCD

APPROVED  
[Signature]  
DISTRICT MANAGER

## PLUG & ABANDON PROCEDURE

SCHUMACHER # 8  
Pictured Cliffs  
NE/4 Sec. 17, T30N, R10W  
San Juan Co., New Mexico

1. Install and test location rig anchors. Prepare blow pit. MI atmospheric blow tank.
2. MOL and RU daylight pulling unit. Comply to all NMOCD, BLM, and MOI regulations. Conduct safety meeting for all personnel on location. NU relief line to atmospheric tank.
3. Blow down well and kill with water as necessary. ND wellhead and NU BOPs. Test operation of BOPs.
4. PU on tubing hanger and TCH laying down 1" tubing.
5. Run 5 1/2" <sup>casing scraper</sup> gauge ~~ring~~ to 3040'. PU 5 1/2" cement retainer and 2 3/8" work string and TIH. *lu*
6. **Plug # 1 (Pictured Cliffs/Fruitland):** Set cement retainer at 3009'. Establish rate and squeeze open hole with 25 sx class B cmt. Sting out of retainer and spot 45 sx cement on top of retainer. Spot drilling mud between Plug # 1 and Plug # 2. Pressure test 5 1/2" casing to 500 psi. TOH.
8. **Plug # 2 (Kirtland/Ojo Alamo):** Perforate 2 holes at 1868'. TIH with 5 1/2" cement retainer and set at 1818'. Establish rate into perforations with bradenhead valve open. Squeeze with 75 sx class B cement. Sting out of retainer and spot 25 sx cement on top of retainer. Spot drilling mud between Plug # 2 and Plug # 3.
10. **Plug # 3 (Surface Casing Shoe):** Perforate 2 holes at 180'. Establish circulation down 5 1/2" casing and out bradenhead valve. Pump cement and circulate out bradenhead ( $\cong$  65 sx).
11. Cut off wellhead below surface casing flange and install dry hole marker to BLM specifications. Release rig and restore location.
  - \* Cement volumes are calculated from 50' above to 50' below formation tops.
  - \* Surface plug volume is calculated from 50' below casing shoe to surface.
  - \* All cement volumes are calculated with 100% volume excess outside pipe and 50 foot plug length excess inside pipe.
  - \* Plugs spotted on top of cement retainers will fill minimum of 50' inside pipe.
  - \* Drilling mud will be mixed to 8.4 ppg weight and 40 viscosity.

Approval:  J. B. F. B. G. L.  
Production Superintendent

**Pertinent Data Sheet**

**Wellname:** Schumacher # 8

**DP Number:** 48476A

**Well Type:** Pictured Cliffs

**Elevation:** 6467' GL

**Location:** 990' FNL. 990' FEL, Sec 17, T30N, R10W  
San Juan Co., New Mexico

**Ownership:** GWI: 100.00%  
NRI: 66.50%

**Drilling:** Spud Date: Mar 7, 1953  
Total Depth: 3112'  
PBTD: 3112'

**Casing and Tubing:**

<u>Hole Size</u>	<u>Size, Wt. &amp; Grade</u>	<u>Depth</u>	<u>Cement</u>	<u>TOC</u>
13 3/4"	9 5/8", 25.4#, SW	130'	100 sx	Surf
7 7/8"	5 1/2", 15.5#, J55	3059'	150 sx.	2165' - temp surv
Cable Tool	Open Hole	3112'		
Tubing	1", 1.7#	3105'		

**Geology:** Field: Aztec Pictured Cliffs

Formation Tops:

Ojo Alamo	1700'
Kirtland	1818'
Fruitland	2739'
Pictured Cliffs	3069'

**Logging:** ES 135' - 3019'.

**Stimulation:** 130 quarts of SNG in open hole.

**Workover History:** None

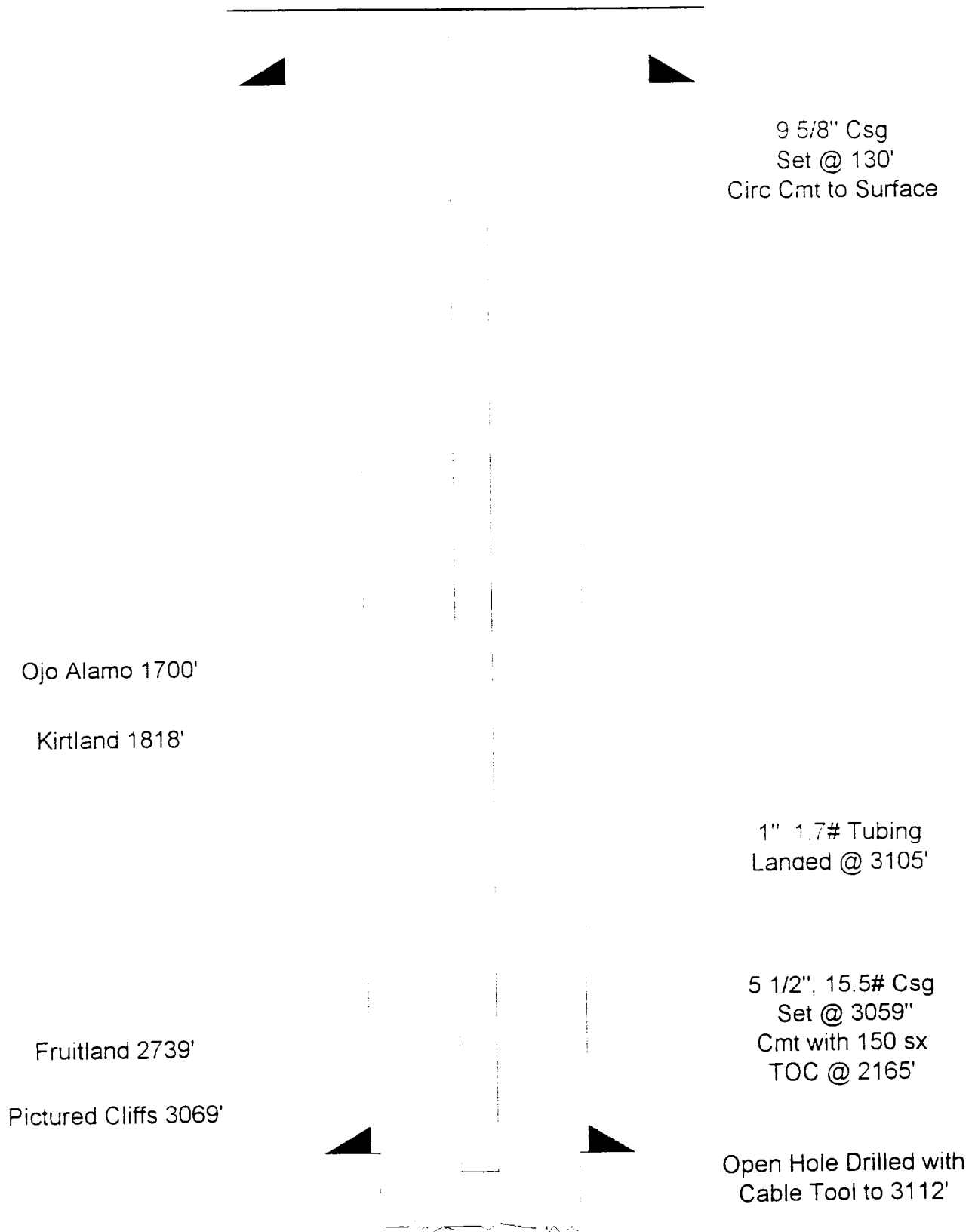
**Production History:** Cumulative Production; 90MMcf gas.

lwd 1/28/94

# SCHUMACHER # 8

Pictured Cliffs

NE/4, Sec 17, T30N, R10W, San Juan Co. New Mexico



lwd 1/20/94