

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
RECEIVED  
ELM MAIL ROOM

Sundry Notices and Reports on Wells

95 SEP 19 AM 8:37

070 FARMINGTON, NM

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  
1750' FNL, 1150' FWL, Sec.5, T-29-N, R-8-W, NMPM

5. Lease Number  
SF-078487C  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name  
8. Well Name & Number  
Sunray #3  
9. API Well No.  
30-045-08754  
10. Field and Pool  
Blanco Pictured 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 Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

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

Signed [Signature] (LWD6) Title Regulatory Administrator Date 9/15/95

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

GAMENET

SEP 05 1995

MANAGER

NMOCD

## PLUG & ABANDONMENT PROCEDURE

9/11/95

Sunray #3  
Pictured Cliffs  
DPNO 50501A  
NW Section 5, T-29-N, R-8-W  
San Juan County, New Mexico

*Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.*

1. This will be a rigless procedure. Prepare blow pit for cement washout only. Comply to all NMOCD, BLM, and MOI safety regulations.
2. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. Install cementing valve.
3. Open bradenhead valve. Establish a rate down casing with 30 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If bradenhead flows water, move in rig with workstring to plug well. If not, pump 3 frac balls in additional water and monitor pressure, rate, and volumes pumped, to confirm perforations taking water.
4. **Plug #1 (Pictured Cliffs perfs, & Fruitland tops, 2926'--2000')**: Establish rate and pump 31 sxs Class B cement down 2 7/8" casing and displace cement to 2000'. WOC and tag plug.
5. **Plug #2 (Ojo Alamo & Kirtland tops, 1988' -- 1788')**: Perforate 4 holes @ 1988'. Establish rate with water into perforations with bradenhead valve open. Mix and pump 109 sxs Class B cement. Squeeze 100 sxs outside casing and leave 9 sxs inside. WOC and tag plug.
6. **Plug #3 (Nacimiento top, 830' -- 730')**: Perforate 4 holes @ 830'. Establish rate with water into perforations with bradenhead valve open. Mix and pump 55 sxs Class B cement. Squeeze 50 sxs outside casing and leave 5 sxs inside. WOC and tag plug.
7. **Plug #4 (Surface -- 156')**: Perforate 2 holes @ 156'. Establish circulation out bradenhead valve. Mix and pump approximately 47 sxs Class B cement and pump down 2 7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing. Note the cement level in the casing and annulus; fill as necessary. Install P&A marker to comply with regulations.
9. Rig down, cut off anchors, move off location, and restore location per BLM stipulations.

Recommended: \_\_\_\_\_  
Operations Engineer

Approval: \_\_\_\_\_  
Production Superintendent

LWD/CRF/cf

# Sunray #3

P & A

Pictured Cliffs  
DPNO 50501A

1750' FNL, 1150' FWL,  
Section 5, T-29-N, R-8-W, San Juan County, NM

Spud: 8-19-61

Completed : 9-5-61

**Plug #4 -- 156' -- Surface**  
**Perf @ 156'**  
**Cmt w/47 sxs Class B**

(13 3/4" Hole)  
8-5/8" 24#, J55 Csg set @ 106'  
Circulated 150 sx cmt to surface

Nacimiento @ 780'

**Plug #3 -- 830' -- 730'**  
**Perf @ 830'**  
**Cmt w/55 sxs Class B**

Ojo Alamo @ 1838'

Kirtland @ 1938'

**Plug #2 -- 1988' -- 1788'**  
**Perf @ 1988'**  
**Cmt w/109 sxs Class B**

Fruitland @ 2600'

Pictured Cliffs @ 2886'

**Plug #1 -- 2926' -- 2000'**  
**Cmt w/31 sxs Class B**

TOC @ 2393' (Est. 75% effc.)

Perf @ 2890' - 94', w/4 spf &  
2902' - 10', 2918' - 26' w/2 spf

(7 7/8" Hole)  
2 7/8", 6.4#, J55 Csg set @ 2991',  
cmt w/100 sxs cmt to 2393' (Est. 75% effc.)

TD 2995'

# Sunray #3

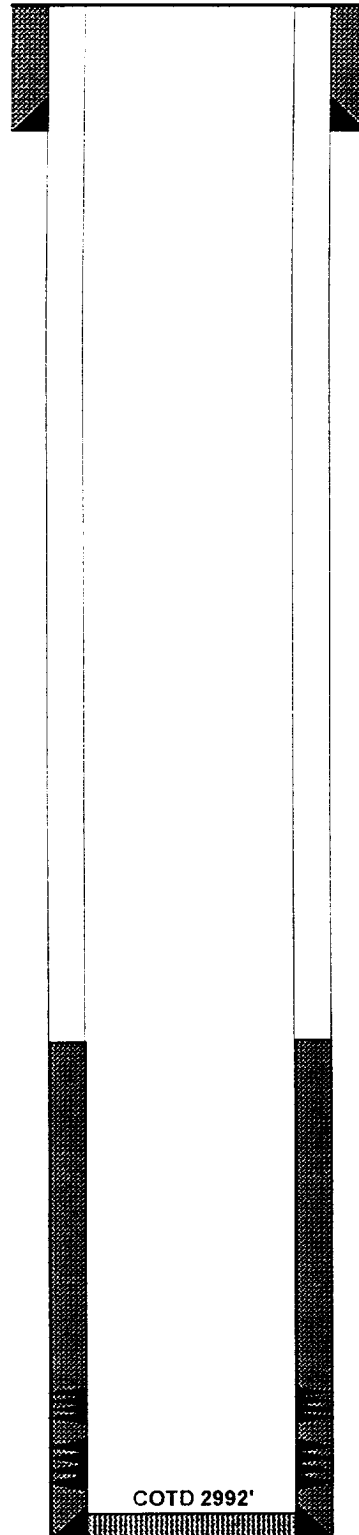
CURRENT -- 9-11-95

Pictured Cliffs  
DPNO 50501A

1750' FNL, 1150' FWL,  
Section 5, T-29-N, R-8-W, San Juan County, NM

Spud: 8-19-61

Completed : 9-5-61



(13 3/4" Hole)  
8-5/8" 24#, J55 Csg set @ 106'  
Circulated 150 sx cmt to surface

Nacimiento @ 780'

Ojo Alamo @ 1838'

Kirtland @ 1938'

TOC @ 2393' (Est. 75% eff.)

Fruitland @ 2600'

Pictured Cliffs @ 2886'

Perf @ 2890' - 94', w/4 spf &  
2902' - 10', 2918' - 26' w/2 spf

(7 7/8" Hole)  
2 7/8", 6.4#, J55 Csg set @ 2991',  
cmt w/100 sxs cmt to 2393' (Est. 75% eff.)

COTD 2992'

TD 2995'