

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
1750'FNL, 1840'FWL, Sec.15, T-30-N, R-10-W, NMPM

5. Lease Number
SF-078125

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Sunray A #3

9. API Well No.
30-045-20782

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 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 checked="" 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 repair the casing of the subject well according to the attached procedure and wellbore diagram.

RECEIVED
DEC 15 1994
OIL CON. DIV.
DET. 2

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

Signed [Signature] (LWD5) Title Regulatory Affairs Date 12/9/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

DEC 12 1994

DISTRICT MANAGER

WORKOVER PROCEDURE

SUNRAY A # 3

Pictured Cliffs - Clean-out/Possible Casing Repair
NW/4 Sec. 15, T30N, R10W
San Juan Co., New Mexico
DPNO 52421A

1. Comply to all NMOCD, BLM, and MOI regulations. Conduct daily safety meetings for all personnel on location.
2. Test location rig anchors and repair if necessary. Prepare blow pit. MOL and RU daylight pulling unit. Install an atmospheric blow tank. NU blooie line to blow pit, and relief line to atmospheric tank.
3. Blow well down to atmospheric tank. Control well with fresh water as needed. Close master valve. Remove flow tee and flow line. NU Bowen BOP's (Call district tools at 326-9853). Test and record operation of BOP's.
4. POOH with 1 1/4" production tubing. Visually inspect tubing. Note any buildup of scale and notify Operations Engineer. Replace bad joints of tubing.
5. Set sand plug with 7 sx. (Top of plug at 3015'.) Test casing to 1000 psig. If casing does not hold pressure, proceed to step 5a.
 - 5a. PU 2 7/8" retrievable packer and 1 1/4" workstring (slimhole drillpipe). TIH and isolate casing failure.
 - 6a. POOH and LD packer. Establish rate into casing failure with bradenhead valve open. Observe for bradenhead flow. Max pressure 1000 psig. Mix and pump 50 sx Class B cement w/ 2% CaCl. Displace cement to 345' above casing failure (2.0 bbl above perfs). Close bradenhead valve and displace cement to 85' above casing failure (0.5 bbl above perfs). Maintain squeeze pressure and WOC 12 hours (overnite).
 - 7a. PU 2 1/4" mill or bit, TIH, and drill out cement. Pressure test casing to 1000 psig. Re-squeeze as necessary to hold pressure.
6. TIH and clean out sand plug to PBTD with air. Blow well clean and gauge production. POOH and LD workstring.
7. Run production tubing and land at \approx 3130'. Close master valve. ND BOP's and NU remainder of wellhead. Release rig.

Recommend: _____
Operations Engineer

Approve: _____
Drilling Superintendent

Contacts:	Cement	Halliburton	325-3575
	Wireline	Blue Jet	325-5584
	Operations Engineer	Larry Dillon	326-9714

PERTINENT DATA SHEET

11/16/94

WELLNAME: Sunray A #3	DP NUMBER: 52421A																																
WELL TYPE: Pictured Cliffs	ELEVATION: GL: 6455' KB: 6467'																																
LOCATION: 1750' FNL, 1840' FWL Sec. 15, T30N, R10W San Juan County, New Mexico	INITIAL POTENTIAL: AOF 5,192 Mcf/d SICP: 974 psig																																
OWNERSHIP: GW: 100.0000% NRI: 84.5000%	DRILLING: SPUD DATE: 05-21-71 COMPLETED: 08-02-71 TOTAL DEPTH: 3243' PBTD: 3232'																																
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>12 1/4"</td> <td>8 5/8"</td> <td>24#</td> <td>J55</td> <td>138'</td> <td style="text-align: center;">-</td> <td>90 sx</td> <td>Surface</td> </tr> <tr> <td>6 3/4"</td> <td>2 7/8"</td> <td>6.4#</td> <td>J55</td> <td>3243'</td> <td></td> <td>235 sx</td> <td>TS 1700'</td> </tr> <tr> <td>Tubing</td> <td>1 1/4"</td> <td></td> <td>JCW-55</td> <td>3156'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12 1/4"	8 5/8"	24#	J55	138'	-	90 sx	Surface	6 3/4"	2 7/8"	6.4#	J55	3243'		235 sx	TS 1700'	Tubing	1 1/4"		JCW-55	3156'			
HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC																										
12 1/4"	8 5/8"	24#	J55	138'	-	90 sx	Surface																										
6 3/4"	2 7/8"	6.4#	J55	3243'		235 sx	TS 1700'																										
Tubing	1 1/4"		JCW-55	3156'																													
FORMATION TOPS: <table style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 50%;"> Ojo Alamo 1797' Kirtland 1880' Fruitland 2694' Pictured Cliff 3080' Lewis Cliff House Menefee </td> <td style="width: 50%;"> Point Lookout Mancos Gallup Graneros Dakota </td> </tr> </table>		Ojo Alamo 1797' Kirtland 1880' Fruitland 2694' Pictured Cliff 3080' Lewis Cliff House Menefee	Point Lookout Mancos Gallup Graneros Dakota																														
Ojo Alamo 1797' Kirtland 1880' Fruitland 2694' Pictured Cliff 3080' Lewis Cliff House Menefee	Point Lookout Mancos Gallup Graneros Dakota																																
LOGGING: IES, FDC-GR, Temp. Survey																																	
PERFORATIONS 3088' - 3102' - 3118' - 3132' w/18 spz																																	
STIMULATION: 38,000# 10/20 sand & 26,650 gal. water																																	
WORKOVER HISTORY: <p style="margin-top: 10px;">05-18-73 Installed 97 jts. 1 1/4", IJ JCW-55 tubing and landed @ 3156'.</p>																																	
<table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> PRODUCTION HISTORY: <u>Gas</u> <u>Oil</u> </td> <td style="width: 50%; vertical-align: top;"> DATE OF LAST PRODUCTION: <u>Gas</u> <u>Oil</u> </td> </tr> <tr> <td style="vertical-align: top;"> Cumulative as of 1994: 878.4 MMcf 437 Bbl Current: 0 Mcfd 0 Bopd </td> <td style="vertical-align: top;"> March, 1986 1.1 MMcf 0 Bbl </td> </tr> </table>		PRODUCTION HISTORY: <u>Gas</u> <u>Oil</u>	DATE OF LAST PRODUCTION: <u>Gas</u> <u>Oil</u>	Cumulative as of 1994: 878.4 MMcf 437 Bbl Current: 0 Mcfd 0 Bopd	March, 1986 1.1 MMcf 0 Bbl																												
PRODUCTION HISTORY: <u>Gas</u> <u>Oil</u>	DATE OF LAST PRODUCTION: <u>Gas</u> <u>Oil</u>																																
Cumulative as of 1994: 878.4 MMcf 437 Bbl Current: 0 Mcfd 0 Bopd	March, 1986 1.1 MMcf 0 Bbl																																
PIPELINE: EPNG																																	

SUNRAY A #3

CURRENT - 11-17-94

BLANCO PICTURED CLIFFS

UNIT F, SEC 15, T30N, R10W, SAN JUAN COUNTY, NM

COMPLETED 8/02/71
TUBING ADDED 5/18/73

8-5/8" 24.0# J-55 CSG SET @ 138'
CMT W/ 90 SX
CIRC CMT TO SURFACE

1-1/4" J-55 TBG SET @ 3156'

TOC @ 1700' (TEMP
SURVEY)

OJO ALAMO @ 1797'

KIRTLAND @ 1880'

FRUITLAND @ 2694'

PICTURED CLIFFS @ 3080'

PERFS @ 3088'-3132'
FRAC W/26,650 GAL
WATER & 38,000# SAND

2-7/8" 6.5# J-55 CSG SET @ 3243'
CMT W/ 235 SX

TD 3243'
PBTB 3232'