

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

1530' FSL, 830' FEL, Sec.21, T-31-N, R-10-W, NMPM

5. Lease Number

SF-078285

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Sunray #6

9. API Well No.

30-045-24069

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other - Bradenhead repair

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to repair the bradenhead on the subject well according to the attached procedure and wellbore diagram.

RECEIVED
JUN - 5 1995
OIL CON. DIV.
DSE. 2

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

Signed [Signature] (LWD5) Title Regulatory Affairs Date 5/22/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

MAY 25 1995

DISTRICT MANAGER

NMCCD

WORKOVER PROCEDURE - BRADENHEAD REPAIR

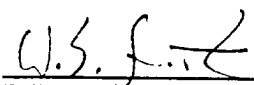
SUNRAY # 6
Blanco Pictured Cliffs
SE/4 Sec. 21, T31N, R10W
San Juan Co., New Mexico
DPNO 45171A

1. Comply to all NMOC, 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 a 400 bbl frac tank. NU blooie line to blow pit. Fill frac tank as needed with 1% KCl water.
3. Blow down production tubing (105 jts of 1 1/4", 2.4# set at 3052') to atmospheric tank. Control well with 1% KCl water as needed. ND wellhead and NU BOP's. Test and record operation of BOP's. Send wellhead to A-1 Machine or WSI for inspection.
4. PU on tubing and strap out of hole. Visually inspect tubing, and replace joints that are in bad condition. Note any buildup of scale, and notify Operations Engineer.
5. RU wireline unit. Run gauge ring (4 1/2", 10.5 ppf) to PBTD of 3145'. Wireline set 4 1/2" RBP at 2800'. Pressure test casing to 1000 psig. Dump one sack of sand on top of RBP.
6. Run CBL (with 1000 psi) to determine cement top behind 4 1/2" casing. (Estimated TOC is 1750' per temperature survey). Contact Operations Engineer for design of squeeze cement.
7. Perforate 3 squeeze holes above TOC. PU 4 1/2" fullbore packer and 2 3/8" workstring. Set packer 200' above squeeze holes. Pressure up backside to 500 psig. Establish rate into perforations with bradenhead valve open. If circulation is established out bradenhead valve, circulate hole clean.
8. Mix cement and pump cement slurry with turbulent flow behind pipe. Displace cement to packer, close bradenhead valve and squeeze cement into perforations. (Max pressure 1000 psi). WOC 12 hours (overnite).
9. Release packer and TOH. TIH with 3 7/8" bit and drill out cement. Pressure test casing to 1000 psig. Test for bradenhead flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
10. TIH with retrieving tool and retrieve RBP. POOH and LD RBP. TIH with 3 7/8" bit and scraper, and CO to PBTD with air. Blow well clean and gauge production. POOH and LD workstring.
11. TIH with production tubing (open-ended, with seating nipple and pump out plug one jt off bottom). Land tubing at 3065'.
12. ND BOP's and NU wellhead. Pump plug from tubing and obtain final gauge. Release rig.

Recommend:

Operations Engineer

Approve:


Drilling Superintendent

Contacts: Cement
Operations Engineer

Cementers Inc.
Larry Dillon

632-3683
326-9714

lwd 05/18/95

PERTINANT DATA SHEET

5/22/95

WELLNAME: Sunray # 6	DP NUMBER: 45171A PROP. NUMBER: 012600301																																
WELL TYPE: Blanco Pictured Cliffs	ELEVATION: GL: 6209' KB: 6220'																																
LOCATION: 1530' FSL, 830' FEL Sec. 21, T31N, R10W San Juan County, NM	INITIAL POTENTIAL: 1,065 Mcf/d 8/25/80 INITIAL SITP: 443 psig 8/25/80 LAST AVAILABLE SITP: 387 psig 7/25/84																																
OWNERSHIP: GWI: 100.0000% NRI: 84.5000% SJBT: 0.0000%	DRILLING: SPUD DATE: 5/30/80 COMPLETED: 8/25/80 TOTAL DEPTH: 3162' PBTD: 3145'																																
CASING RECORD: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>HOLE SIZE</u></th> <th style="text-align: left;"><u>SIZE</u></th> <th style="text-align: left;"><u>WEIGHT</u></th> <th style="text-align: left;"><u>GRADE</u></th> <th style="text-align: left;"><u>DEPTH</u></th> <th style="text-align: left;"><u>EQUIP.</u></th> <th style="text-align: left;"><u>CEMENT</u></th> <th style="text-align: left;"><u>TOC</u></th> </tr> </thead> <tbody> <tr> <td>12 1/4"</td> <td>8 5/8"</td> <td>24#</td> <td>K55</td> <td>216'</td> <td></td> <td>165 cu ft.</td> <td>Circ.to surf.</td> </tr> <tr> <td>7 7/8"</td> <td>4 1/2"</td> <td>10.5#</td> <td>K55</td> <td>3162'</td> <td></td> <td>540 cu ft.</td> <td>1750' (TS)</td> </tr> <tr> <td>Tubing</td> <td>1 1/4"</td> <td>2.4#</td> <td>WP-55</td> <td>3052'</td> <td colspan="3">10Rd., EUE tbg.; 104 jts., SN @ 3018', 1 jt., exp. check valve.</td> </tr> </tbody> </table>		<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>	12 1/4"	8 5/8"	24#	K55	216'		165 cu ft.	Circ.to surf.	7 7/8"	4 1/2"	10.5#	K55	3162'		540 cu ft.	1750' (TS)	Tubing	1 1/4"	2.4#	WP-55	3052'	10Rd., EUE tbg.; 104 jts., SN @ 3018', 1 jt., exp. check valve.		
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LOGGING: IEL, TS, DBL																																	
PERFORATIONS 2975', 2980', 2985', 3009', 3013', 3017', 3060', 3065'																																	
STIMULATION: 42,000# sand, 52,910 gal. water.																																	
WORKOVER HISTORY: None																																	
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Sunray #6

CURRENT - 5/15/95

Blanco Pictured Cliffs

DPNO: 45171A

1530' FSL, 830' FEL,
Section 21, T-31-N, R-10-W,
San Juan County, NM

Spud: 05-30-80

Completed : 08-25-80

RECEIVED
JUL 1 1980
SUNRAY #6 - 1530'

OJO ALAMO, NM

8 5/8", 24#, K55 csg set @ 216'
circ.164 cu. ft. cmt. to surface.

Ojo Alamo @ 1590'

Kirtland @ 1635'

TOC @ 1750'

Fruitland @ 2550'

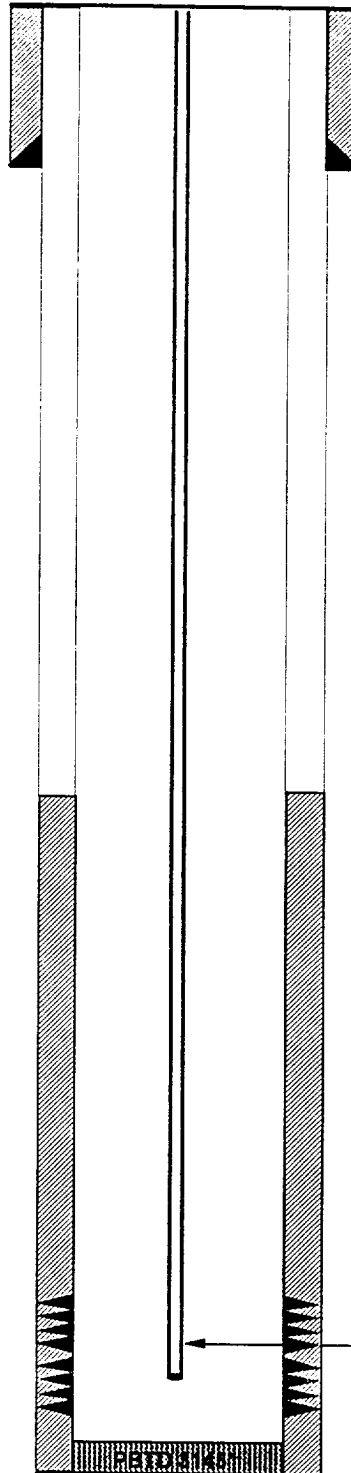
Pictured Cliffs @ 2975'

Perfs: 1 SPF - 2975' - 3065'

1 1/4", 2.4#, WP-55 tubing set @ 3052'

Lewis @ 3130'

4 1/2", 10.5, K55 csg. set @ 3162' Set w/
540 cu. ft. cmt. TS @ 1700'



TD 3162