

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  
1000' FNL, 1650' FEL, Sec. 14, T-31-N, R-10-W, NMPM

5. Lease Number  
NM-01594  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name  
San Juan 32-9 Unit  
8. Well Name & Number  
San Juan 32-9 U #92  
9. API Well No.  
30-045-23277  
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 in the subject well according to the attached procedure and wellbore diagram.

RECEIVED  
SEP 18 1995  
OIL CON. DIV.  
DIST. 3

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

Signed [Signature] (LWD5) Title Regulatory Administrator Date 9/7/95

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

APPROVED

AMOC

SEP 12 1995  
DISTRICT MANAGER

## WORKOVER PROCEDURE - CASING REPAIR

SAN JUAN 32-9 UNIT # 92  
Pictured Cliffs  
NE/4 Sec. 14, T31N, R10W  
San Juan Co., New Mexico  
DPNO 69984

1. Strip location for coil tubing unit.
2. Comply to all NMOCD, BLM, and MOI regulations. Conduct daily safety meetings for all personnel on location.
3. MOL and RU coil tubing unit, nitrogen unit and pump truck. Prepare blow pit and NU blooie line to pit. Set frac tank and fill with 1% KCl water.
4. Test coil tubing BOP's, all surface equipment, and surface lines.
5. TIH with the following BHA; coil tubing connector, hydraulic disconnect, 1.69 high torque mud motor, boot basket, and a metalmuncher junk mill (2.300 OD). Clean out to RBP at 1380'. (Bad casing starts at 1145'. Depth reached in previous workover was 1250'. See wellbore diagram.) Pressure test casing to 500 psi. (Notify Operations Engineer with test results. Any casing failure will not be repaired until well is cleaned out to bottom and flow tested). POOH with mill.
6. TIH with the following BHA; coil tubing connector, hydraulic disconnect, jars, hydraulic spear, and model H retrieving head. Latch on to RBP (potential 400 to 500 psi below RBP), release and POOH.
7. TIH with high velocity wash tool and clean out to PBTD (3243') with Nitrogen Foam wash.
8. Pull up hole to 3000' and allow well to flow. Go back to bottom every 30 minutes to check for fill.
9. Evaluate flow test with Operations Engineer, and determine if suspected casing failure is to be repaired.
10. Release coil tubing unit.

Recommend: \_\_\_\_\_  
Operations Engineer

Approve: \_\_\_\_\_  
Production Superintendent

<b>Contacts:</b>	Coiled Tubing	Cudd	327-7249
	Downhole Tools	Baker	325-0216
	Operations Engineer	Larry Dillon	326-9714

# PERTINENT DATA SHEET

9/1/95

<b>WELLNAME:</b> San Juan 32-9 Unit #92	<b>DP NUMBER:</b> 69984  <b>PROPERTY NUMBER:</b> 0023423A																														
<b>WELL TYPE:</b> Blanco Pictured Clifs	<b>ELEVATION:</b> GL: 6298' KB: 6310'																														
<b>LOCATION:</b> 1000' FNL, 1650' FEL. Sec. 14, T31N, R10W San Juan County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF Mcf/d After Frac Gauge 3,201 Mcf/d  <b>INITIAL SICP:</b> 7/79 583 psig  <b>CURRENT SICP:</b> No Information Available psig																														
<b>OWNERSHIP:</b> GWI: 32.8260% NRI: 17.7765% SJB: 0.4899%	<b>DRILLING:</b> SPUD DATE: 05-19-79 COMPLETED: 07-30-79 TOTAL DEPTH: 3260' PBD: 3243'																														
<b>CASING RECORD:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th>HOLE SIZE</th> <th>SIZE</th> <th>WEIGHT</th> <th>GRADE</th> <th>DEPTH</th> <th>EQUIP.</th> <th>CEMENT</th> <th>TOC</th> </tr> </thead> <tbody> <tr> <td>12 1/4"</td> <td>8 5/8"</td> <td>24#</td> <td>J55</td> <td>227'</td> <td>-</td> <td>165 cf</td> <td>Circ. Surface</td> </tr> <tr> <td>** 7 7/8" &amp; 6 1/2"</td> <td>2 7/8"</td> <td>6.4#</td> <td>J55</td> <td>3253'</td> <td></td> <td>710 cf</td> <td>TS 1600'</td> </tr> </tbody> </table> <p>** (7 7/8" from 229' -- 2895') 6 1/2" from 2895' -- 3260')</p>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12 1/4"	8 5/8"	24#	J55	227'	-	165 cf	Circ. Surface	** 7 7/8" & 6 1/2"	2 7/8"	6.4#	J55	3253'		710 cf	TS 1600'						
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<b>PERFORATIONS</b> 3107' - 20', 3120' - 33', 3133' - 46', 3146' - 59', 3170' - 85' w/12 spz																															
<b>STIMULATION:</b> 66,000# 10/20 sand & 52,840 gal. water																															
<b>WORKOVER HISTORY:</b> <p><b>Jun-79</b> <b>During Completion:</b> Circulation was lost with 12 Bbls of cement away during the production string cementing job. A bond log was run and a squeeze hole perforated and squeezed with 60 sxs of Class B with 2% calcium chloride at 3155'. Squeeze holes were then perfed at 3040', again at 3040', and 2995'. None of these squeeze holes could be broken down with 4000 psi. Then well was cleaned out and a casing scraper run.</p> <p><b>Sep-86</b> Killed well. RIH and tag fill @ 3021'. Had 200' of fill. Clean out to PBD. POOH, RIH with 2 7/8" RBP. Plug stopped and hit obstruction @ 1131'. Washed down to 1300'; everything was clear. Hit another bridge @ 1400'. Pull up 20' and set BP. RIH with packer and set packer 20' above BP. PT 1500 psi; held OK. Backside taking fluid. Found leak @ 1145'. POOH and TIH with packer. Squeeze leak with 150 sxs with bradenhead open. Circulation out bradenhead. Circulated 50 Bbls up backside and squeezed 8 1/2 Bbls into formation. WOC. Drill out cement and circulate clean. PT to 600 psi. Squeeze broke down. RIH and isolate leak. Resqueezed leak with 75 sxs. WOC, tag cement @ 1088'. Drill to 1145' and hit metal. Mill 3 1/2". POOH with mill. TIH with tapered mill. Drill 16". POOH. Had metal shavings inside mill. POOH with mill. RIH with tapered mill with side ports. Dress off metal. Made 4' of hole. Clean out. Drill cement to 1250'. Started drilling metal before reaching sand on top of BP. POOH. RD MOL.</p>																															
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# San Juan 32-9 Unit #92

CURRENT -- 3/24/95

Pictured Cliffs -- DPNO 69984

1000' FNL, 1650' FEL,  
Section 14, T-31-N, R-10-W, San Juan County, NM

Spud: 5-19-79

Completed : 7-30-79

Ojo Alamo @ 1515'

Kirtland @ 1572'

Fruitland @ 2687'

Pictured Cliffs @ 3035'

Lewis @ 3220'

