

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**
1100'FSL, 1600'FWL, Sec.36, T-28-N, R-6-W, NMPM

5. **Lease Number**
SF-079734

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**
San Juan 28-6 Unit

8. **Well Name & Number**
San Juan 28-6 U #141

9. **API Well No.**
30-039-20039

10. **Field and Pool**
Basin Dakota

11. **County and State**
Rio Arriba 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 type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input checked="" 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 casing on the subject well according to the attached procedure and wellbore diagram.

RECEIVED
OCT 11 1994
OIL CON. DIV.
DIST. 3

OCT 11 1994
OIL CON. DIV.
DIST. 3

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

Signed *James J. [Signature]* (ROS8) Title Regulatory Affairs Date 10/3/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED
OCT 04 1994
DISTRICT MANAGER

PERTINENT DATA SHEET

WELLNAME: San Juan 28-6 Unit #141				DP NUMBER: 51653A PROP NUMBER: 007970300																																							
WELL TYPE: Basin Dakota				ELEVATION: GL: 6334' KB: 6344'																																							
LOCATION: 1100' FSL 1600' FWL SW Sec. 36, T28N, R06W Rio Arriba County, New Mexico				INITIAL POTENTIAL: AOF 6,666 MCF/D SICP: Sept., 1983 719 PSIG																																							
OWNERSHIP: GWI: 56.4819% NRI: 46.0700%				DRILLING: SPUD DATE: 06-09-67 COMPLETED: 07-06-67 TOTAL DEPTH: 7586' PBDT: 7570' COTD: 7570'																																							
CASING RECORD: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <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>13-3/4"</td> <td>9-5/8"</td> <td>32.3#</td> <td>H-40</td> <td>334'</td> <td>-</td> <td>200 sx</td> <td>surface</td> </tr> <tr> <td>7-7/8"</td> <td>4-1/2"</td> <td>10.5# & 11.6#</td> <td>J-55</td> <td>7586'</td> <td>Stg Tool @ 3240' Stg Tool @ 5490' Float Collar @ 7554'</td> <td>Stg 3 - 190 sx Stg 2 - 190 sx Stg 1 - 290 sx <u>Total 670 sx</u></td> <td>2800'(TS) 4433'(75%) 6255'(75%)</td> </tr> <tr> <td>Tubing</td> <td>2-3/8" EUE</td> <td>4.7#</td> <td>J-55</td> <td>7277'</td> <td colspan="3"></td> </tr> </tbody> </table> <p style="margin-top: 10px;">4-1/2" SV-EZ drill cement retainer & Howco Starguide & stinger @ 7277', 232 jts. 2-3/8" tubing set @ 7277'.</p>								HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	13-3/4"	9-5/8"	32.3#	H-40	334'	-	200 sx	surface	7-7/8"	4-1/2"	10.5# & 11.6#	J-55	7586'	Stg Tool @ 3240' Stg Tool @ 5490' Float Collar @ 7554'	Stg 3 - 190 sx Stg 2 - 190 sx Stg 1 - 290 sx <u>Total 670 sx</u>	2800'(TS) 4433'(75%) 6255'(75%)	Tubing	2-3/8" EUE	4.7#	J-55	7277'							
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PERFORATIONS: 7328' - 44', 7436' - 52', 7474' - 82', 7500' - 04', 7522' - 26', 7538' - 42' w/16 SPZ, Total 96 holes.																																											
STIMULATION: Frac w/70,000# 40/60 sand, 69,250 gal. water. Max. pr 4000#. BDP 1800#, tr. pr. 3600-3800-4000#. I.R. 42.3 BPM. Dropped 5 sets of 16 balls each. Flushed w/5500 gal. water. ISIP 1900#, 5 Min. SIP 1750#.																																											
WORKOVER HISTORY: 3/16/76 - 3/17/76 Pulled 233 jts 2-3/8" tubing. Ran 8 jts of tubing open ended, a Guiberson Uni-packer VI, a Guiberson on-off tool, and 230 jts tubing. Packer set at 7219' KB and tubing landed at 7416' KB. 6/21/84 - 6/23/84 Removed Guiberson Uni-packer. Found scaled and externally damaged pipe from 2003' - 2723'. Found hole in tubing @ 2473'. Set 4-1/2" SV-EZ drill cement retainer @ 7277'.																																											
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**San Juan 28-6 Unit #141
Basin Dakota
Section 36, T-28-N, R-6-W
Recommended Casing Repair Procedure**

1. Comply with all NMOCD, BLM and Meridian safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig.
2. MOL and RU workover rig. Blow well down. NU 7-1/16" 3000 psi (6" 900 series) BOP with flow tee and stripping head. NU blooie line and 2-7/8" relief lines. Test and record operation of BOP rams. Kill well with 1% KCL water only if necessary. Have Christmas tree serviced at A-1 Machine.
3. Sting out of cement retainer and TOH with 2-3/8" 4.7# J-55 tbgs. Visually inspect tbgs for corrosion. TIH with 4-1/2" casing scraper on 2-3/8" tbgs to above cement retainer @ 7277'.
4. TIH with 4-1/2" retrievable packer on 2-3/8" tbgs to above cement retainer @ 7277' and pressure test to 1000 psi. Isolate csg failure.
5. Establish a rate into hole with water and attempt to circulate to surface. Make sure bradenhead valve is open and a line is laid to the pit. Design squeeze cement job as appropriate. If circulation is established out of bradenhead, mix cement with fluid loss additive. Set 4-1/2" packer 250' above hole and establish a rate into hole with water. Make sure bradenhead valve is open. Mix and pump cement. Maximum pressure is 1000 psig. If cement is circulated to surface, shut in bradenhead valve and squeeze. Displace cement 2 bbls below packer prior to performing hesitation squeeze. Hold pressure for 4 hrs. and check for flowback. TOH with packer.
6. WOC 12 hrs. Clean out to below squeeze with 3-7/8" mill or bit. Pressure test to 750 psig. Re-squeeze as necessary.
7. TIH with 4-1/2" casing scraper to below squeeze. TOH. TIH with stinger on 2-3/8" tbgs blowing down with gas or air. CO to cement retainer @ 7277'.
8. Sting into cement retainer and land tbgs. ND BOP and NU wellhead. Record final gauges. Return well to production.

Recommended: _____

Operations Engineer



Approved: _____

Drilling Superintendent

San Juan 28-6 Unit #141

CURRENT

Basin Dakota

SW Section 36, T-28-N, R-06-W, Rio Arriba County, NM

Today's Date: 9/26/94

Spud: 6/09/67

Completed : 7/6/67

Ojo Alamo @ 2260'

Kirtland @ 2545'

Fruitland @ 2725'

Pictured Cliffs @ 3090'

Lewis @ 3282'

Chacra @ 3703'

Cliff House @ 4767'

Menefee @ 4930'

Point Lookout @ 5285'

Mancos @ 5780'

Gallup @ 6120'

Greenhorn @ 7222'

Graneros @ 7280'

Dakota @ 7432'

13-3/4" hole

9-5/8" 32.3# H-40 Csg set @ 334'
Cmt w/200 sx (Circulated to Surface)

Top of Cmt @ 2800' (TS)

Stg tool @ 3240'
Cmt 3rd stage w/190 sx

Top of Cmt @ 4433' (calc @ 75% efficiency)

Stg tool @ 5490'
Cmt 2nd stage w/190 sx

Top of Cmt @ 6255' (calc @ 75% efficiency)

232 jts 2-3/8", 4.7# EUE, J-55, 8rd, tbg set @ 7277'

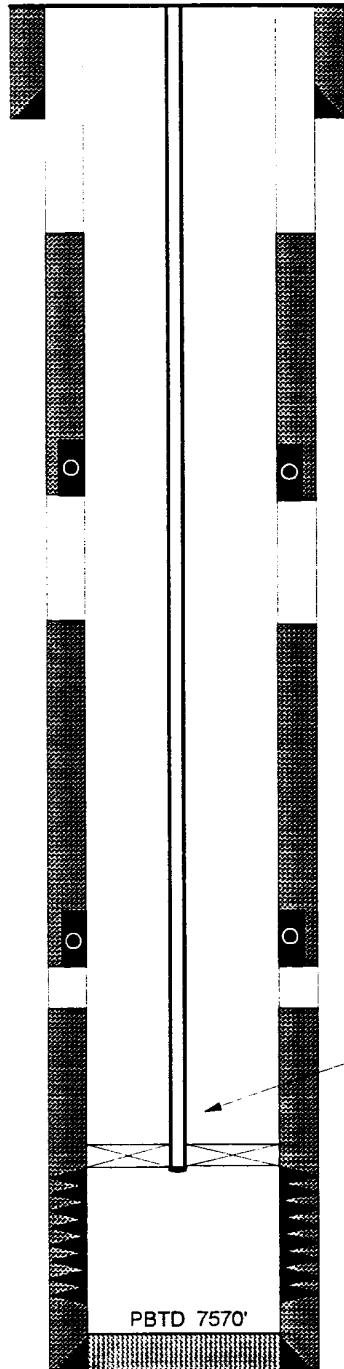
6/23/84 Set Howco cmt retainer @ 7277'

Perforations: 7328' - 44', 7436' - 52', 7474' - 82',
7500' - 04', 7522' - 26', 7538' - 42' w/16 spz, Total
96 holes.

FC @ 7554'

4-1/2" 10.5# & 11.6# J-55 set @ 7586'
Cmt 1st stage w/290 sx

7-7/8" hole



PBTB 7570'

TD 7586'