s. bmitted 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

5. **Lease Number**
NM-05493

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

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

2. **Name of Operator**
MERIDIAN OIL

8. **Well Name & Number**
San Juan 28-6 U #136

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **API Well No.**
30-039-20038

4. **Location of Well, Footage, Sec., T, R, M**
990'FSL, 990'FEL, Sec.11, T-28-N, R-6-W, NMPM

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	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	_X_ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	___ Other -	

13. **Describe Proposed or Completed Operations**

It is intended to repair the casing for the subject well according to the attached procedure and wellbore diagram.

RECEIVED
DEC 19 1994
OIL CON. DIV.
DIST. 3

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

Signed [signature] (ROS8) 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 14 1994
DISTRICT MANAGER

AR

PERTINENT DATA SHEET

WELLNAME:	San Juan 28-6 Unit #136	**DP NUMBER:**	52202A
		PROP NUMBER:	007970300
WELL TYPE:	Basin Dakota	**ELEVATION:**	GL: 6685'
			KB: 6691'
LOCATION:	990' FSL 990' FEL SE Sec. 11, T28N, R06W Rio Arriba County, New Mexico	**INITIAL POTENTIAL:**	AOF 3,445 MCF/D
		SICP:	Nov., 1985 975 PSIG
OWNERSHIP:	GWI: 56.4819% NRI: 46.0700%	**DRILLING:**	SPUD DATE: 06-10-67 COMPLETED: 07-08-67 TOTAL DEPTH: 8121' PBTD: 8089' COTD: 8089'

CASING RECORD:

HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC
13 3/4"	9-5/8"	36.3#	H-40	321'	-	200 sx	surface
8-3/4" & 7-7/8"	4-1/2"	10.5#	J-55	6750'	Stg Tool @ 3723'	Stg 3 - 190 sx	3000'(TS)
8-3/4"	4-1/2"	11.6#	J-55	1371'	Stg Tool @ 5980'	Stg 2 - 190 sx	5196'(75%)
					Float Collar @ 8089'	Stg 1 - 290 sx	6966'(75%)
						Total 670 sx	
Tubing	2-3/8"	4.7#	J-55	7780'			

1' nipple, collar, Type X Seating Nipple @ 7778', 246 jts 2-3/8" tubing set @ 7780'.

FORMATION TOPS:

Nacimiento	862'	Gallup	6725'
Ojo Alamo	2760'	Greenhorn	7680'
Kirtland	2930'	Graneros	7742'
Fruitland	3130'	Dakota	7876'
Pictured Cliffs	3565'		
Chacra	4210'		
Mesa Verde	5314'		
Point Lookout	5730'		

LOGGING: IEL, FDC-GR, Temp. Survey

PERFORATIONS 7792' - 7800', 7836 - 44', 7880 - 96', 7926 - 34', 7962' - 70', 8020' - 36' w/16 SPZ. Total of 96 holes.

STIMULATION: Frac w/73,920 gal. water, 70,000# 40/60 sand, max. pr 4000#, BDP 2200#, tr. pr. 3800-3900-4000#. I.R. 27.2 BPM, dropped 4 sets of 16 balls each, flushed w/5754 gal. water. ISIP 2300#, 5 min. SIP 2000#.

WORKOVER HISTORY: None

PRODUCTION HISTORY:	Gas	Oil
Cumulative as of June 94:	729.3 MMcf	0 MBbl
Current Rate:	10.3 Mcfd	0 Bopd

DATE OF LAST PRODUCTION: July, 1994 — Gas 10.3 Mcf/D — Oil 0 bbl/D

PIPELINE: NWPC

San Juan 28-6 Unit #136

CURRENT

Basin Dakota

SE Section 11, T-28-N, R-06-W, Rio Arriba County, NM

Today's Date: 10/4/94
Spud: 6/10/67
Completed : 7/8/67

13-3/4" hole

9-5/8", 36.30#, H-40 Csg set @ 321'
Cmt w/ 200 sx (Circulated to Surface)

Nacimiento @ 862'

Ojo Alamo @ 2760'
Kirtland @ 2930'

Top of Cmt @ 3000' (TS)

Fruitland @ 3130'

Pictured Cliffs @ 3565'

Stg tool @ 3723'
Cmt 3rd stage w/190 sx

Chacra @ 4210'

Top of Cmt @ 5196' (calc @ 75% efficiency)

Mesa Verde @ 5314'

Point Lookout @ 5730'

Stg tool @ 5980'
Cmt 2nd stage w/190 sx

Gallup @ 6725'

8-3/4" hole

Changed Drill bits from 8-3/4" to 7-7/8" @ 6230'

Top of Cmt @ 6966' (calc @ 75% efficiency)

246 jts 2-3/8", 4.7#, J-55, 8rd, tbg set @ 7780'
(Type X SN @ 7778', tbg open ended)

Greenhorn @ 7680'
Graneros @ 7742'
Dakota @ 7876'

Perforations 7792' - 7800', 7836' - 44', 7880' - 96',
7926' - 34', 7962' - 70', 8020' - 36' w/16 SPZ,
Total of 96 holes

PBTD 8089'

FC @ 8089'

7-7/8" hole

4-1/2", 11.6# & 10.5#, J-55, Csg set @ 8121'
Cmt 1st stage w/290 sx

TD 8121'

San Juan 28-6 Unit #136
Dakota
Section 11, T-28-N, R-06-W
Recommended Production Test and 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.

Production Test

2. MOL and RU daylight pulling unit. Blow well down. NU 7-1/16" 3000 psi (6" 900 series) BOP with flow tee and stripping head. Test and record operation of BOP rams. Kill well with 1% KCL water only if necessary.

3. TOH with 246 jts of 2-3/8" 4.7# J-55 tbg. Visually inspect tbg for corrosion. TIH with 4-1/2" casing scraper on 2-3/8" tbg to top of perforations at 7792'. TOH.

4. TIH with 4-1/2" Baker Model R-3 retrievable packer on 2-3/8" tbg and set packer at approximately 7692' (100' above top of DK perf) with tbg landed near bottom perf at 8036'. ND BOP and NU wellhead. RD and move off location.

5. Move in swabbing unit and swab test well. If well is returned to production, continue with step #6, otherwise well will be evaluated for P&A.

Casing Repair Procedure

6. MOL and RU daylight pulling unit. 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.

7. Release 4-1/2" Baker Model R-3 retrievable packer by picking up on tubing, and TOH with 2-3/8" 4.7# J-55 tbg. Visually inspect tbg for corrosion.

8. TIH with 4-1/2" RBP and 4-1/2" retrievable packer on 2-3/8" tbg and set RBP at approximately 7692' (100' above top of DK perf). Pressure test RBP to 1300 psig. Isolate csg failure.

9. 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 1300 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.

10. WOC 12 hrs. Clean out to below squeeze with 3-7/8" mill or bit. Pressure test to 1300 psig. Re-squeeze as necessary.

11. TIH with 4-1/2" casing scraper to below squeeze. TOH. TIH with retrieving tool on 2-3/8" tbg blowing down with gas or air. Retrieve RBP and TOH.

12. TIH with 2-3/8" tbg with an expendable check valve on bottom and a seating nipple one jt off bottom and CO to PBTD at 8089'. Take and record gauges.

13. Land tbg near bottom perforation at 8036'. ND BOP and NU wellhead. Pump off expendable check valve and record final gauges. Return well to production.

Recommended: 

Approved: