

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## Sundry Notices and Reports on Wells

1. Type of Well  
GAS

RECEIVED

APR 21 1993

2. Name of Operator  
MERIDIAN OIL

OIL CON. DIV.  
DIST. 3

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

4. Location of Well, Footage, Sec., T, R, M  
1715'FNL, 1580'FEL Sec.15, T-28-N, R-5-W, NMPM

5. Lease Number

SF-079250

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
San Juan 28-5 U #93

9. API Well No.

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

☐ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

## 13. Describe Proposed or Completed Operations

The original 1992 bradenhead test on this well showed evidence of a casing failure. The test run on the well was inaccurate. The test was re-run on 12-21-92, and resubmitted to the BLM. No casing failure was indicated at the bradenhead. The test, however, has demonstrated a leak between the production casing and intermediate casing. No drop in production or increase in water production has occurred in the well. It has been determined that there is no current hazard to contaminate fresh water aquifers or damage the wellbore; therefore, Meridian Oil feels that no work should be initiated on this well at this time. The well will continue to be monitored according to normal operating procedures.

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

Signed [Signature] (KS) Title Regulatory Affairs Date 4/13/93

ACCEPTED FOR RECORD

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

Date APR 16 1993

FARMINGTON DISTRICT OFFICE

BY [Signature]

NMOCD



STATE OF NEW MEXICO

ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

December 9, 1992

Ms. Susan Dolan  
Meridian Oil Inc.  
PO Box 4289  
Farmington NM 87499

RE: SJU 28-5 #86, L-23-28N-05W  
SJU 28-5 #93, G-15-28N-05W

Dear Susan:

Enclosed copies of 1992 Bradenhead Tests on the referenced wells indicate casing failures. In order to comply with Rule 108, prevent waste and protect fresh water, you are hereby directed to initiate immediate remedial activity.

Yours truly,

Charles Gholson  
Deputy Oil & Gas Inspector

CG/sh

xc: well files

1-11-93

Initial test performed  
in conformity. Retests  
attached.

**Pertinent Data Sheet - San Juan 28-5 Unit #93**

**Location:** 1715' FNL, 1580' FEL, Section 15, T-28-N, R-05-W

**Field:** Blanco Mesaverde

**Elevation:** 6659' GL

**TD:** 8041'

**COTD:** 8025'

**Spud Date:** 10/1/74

**Completed:** 10/16/74

**Initial Potential:** 1,248 MCF/D

**SICP:** 2412 PSI

**Casing Record:**

| <u>Hole Size</u> | <u>Casing Size</u> | <u>Weight &amp; Grade</u> | <u>Depth Set</u> | <u>Cement</u> | <u>Top/Cement</u> |
|------------------|--------------------|---------------------------|------------------|---------------|-------------------|
| 13-3/4"          | 9-5/8"             | 32.30# K-S                | 209'             | 224 cu ft     | Surface           |
| 8-3/4"           | 7"                 | 20.00# K-55               | 3830'            | 205 cu ft     | 2700' (TS)        |
| 6-1/4"           | 4-1/2"             | 11.60#, 10.50# K-55       | 8041'            | 692 cu ft     | 3450' (TS)*       |

\* Fraced well and parted 4-1/2" casing. TOOH with casing and recovered 37 joints. (1493'). Cut off another 23' of casing. Ran 47 joints (1528') of new 4-1/2" casing. Tied into 4-1/2" casing stub. Attempted to pressure test. Would not pressure test. Went in with packer and tubing. Found hole in casing @ casing bowl. Cut off 4-1/2" casing @ 1591' and ran well and dressed top of casing. Ran 49 joints (1579') 4-1/2" casing and tied into casing stub. Tested casing to 4000 psi. Held OK.

**Tubing Record:**

| <u>Tubing Size</u> | <u>Weight &amp; Grade</u> | <u>Depth Set</u> |
|--------------------|---------------------------|------------------|
| 1-1/2"             | 2.90# J-55                | 7954' (249 jts)  |

**Formation Tops:**

|                 |       |
|-----------------|-------|
| Ojo Alamo       | 2920' |
| Kirtland        | 3055' |
| Fruitland       | 3330' |
| Pictured Cliffs | 3590' |
| Cliffhouse      | 5392' |
| Menefee         | 5463' |
| Point Lookout   | 5780' |
| Gallup          | 6815' |
| Greenhorn       | 7737' |
| Graneros        | 7786' |
| Dakota          | 7900' |

**Logging Record:** IEL, CDL/GR, Temperature Survey.

**Stimulation:** Perfed Dakota: 7861', 7880', 7910', 7929', 7938', 7978' w/ 1 SPZ.

Fraced Dakota: 11,370# of 40/60 sand and 15,300 gallons water. Parted casing.

Re-fraced Dakota: 39,876# 20/40 sand and 38,976 gallons water. Well sanded off.

**Workover History:** N/A.

|                                   |                            |            |
|-----------------------------------|----------------------------|------------|
| <b><u>Production History:</u></b> | Cumulative Oil Production: | 3.4 MBO    |
|                                   | Cumulative Gas Production: | 1,277 MMCF |
|                                   | Current Oil Production:    | 1 BBLS/D   |
|                                   | Current Gas Production:    | 143 MCF/D  |

**Transporter:** El Paso Natural Gas Pipeline

**San Juan 28-5 Unit #93  
NE/4 Section 15, T-28-N, R-05-W  
Rio Arriba County, New Mexico**

**Wellbore Schematic**

770 PSI ON PRODUCTION  
CASING VALVE.

770 PSI ON INTERMEDIATE  
VALVE, BLOWS DOWN  
TO 80 PSI IN 15 MINUTES.

0 PSI ON BRADENHEAD VALVE.

**CURRENT**

CMT W/ 224 CU FT  
TO SURFACE

10-3/4" 32.75#  
K-S 8RD CSG  
SET @ 209'

4-1/2" CASING CUT-OFF  
AND TIED BACK  
TOGETHER @ 1591'

CEMENT W/ 205 CU  
FT TOC @ 2700' (TS)

CEMENT W/ 692 CU  
FT TOC @ 3450' (TS)

7", 20.00# CASING SET  
@ 3830'.

1-1/2" TBG SET @ 7954'.

DAKOTA PERFD W/ 6  
HOLES AND FRACED W/  
51,246# SAND AND 54,276  
GALLONS WATER.

4-1/2" 11.60#, 10.50# K-55  
CSG SET @ 8041'

ELEVATION: 6659' GL

TOP OF CJO ALAMO @ 2920'

TOP OF KIRTLAND @ 3055'

TOP OF FRUITLAND @ 3330'

TOP OF PICTURED CLIFFS @  
3590'

TOP OF CLIFFHOUSE @ 5392'

TOP OF P.T. LOOKOUT @ 5780'

TOP OF GALLUP @ 6815'

TOP OF GREENHORN @ 7737'

TOP OF GRANEROS @ 7786'

TCP OF DAKOTA @ 7900'

7861'

7978'

COTD @ 8025'

TD @ 8041'

STATE OF NEW MEXICO  
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
1000 Rio Brazos Road  
Aztec, New Mexico

BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

Date of Test 11-24-92 Operator MERIDIAN OIL CO.  
Lease Name SAN JUAN 28-5 UNIT Well No 093 Unit G Sec. 15 Twp. 028N Rge. 005W  
Pressure (Shut-in or Flowing) Dwt Tubing 322 Intermediate 0 Casing 90 Bradenhead 90  
OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

| TIME:   | PRESSURES:   |            | BRADENHEAD FLOWED:                              | INTERMEDIATE FLOWED:                |
|---------|--------------|------------|-------------------------------------------------|-------------------------------------|
|         | INTERMEDIATE | CASING     |                                                 |                                     |
| 5 Min.  |              | <u>345</u> | Steady Flow <input checked="" type="checkbox"/> |                                     |
| 10 Min. |              | <u>132</u> | Surges                                          |                                     |
| 15 Min. |              | <u>80</u>  | Down to Nothing                                 |                                     |
| 20 Min. |              |            | Nothing                                         | <input checked="" type="checkbox"/> |
| 25 Min. |              |            | Gas <input checked="" type="checkbox"/>         |                                     |
| 30 Min. |              |            | Gas & Water                                     |                                     |
|         |              |            | Water                                           |                                     |

If Bradenhead flowed water check description below:

Clear \_\_\_\_\_  
Fresh \_\_\_\_\_  
Salty \_\_\_\_\_  
Sulfur \_\_\_\_\_  
Black \_\_\_\_\_

Remarks: Bradenhead did not flow down hole 55 lb. after 15 min.

By Ray Poyner  
LEASE OPERATOR  
position

Witness \_\_\_\_\_

STATE NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
1000 Rio Brazos Road  
Aztec, New Mexico

BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

Date of Test 12-26-92 Operator MERIDIAN OIL CO  
 Lease Name SAN JUAN 28 5 UNIT Well No 093 Unit G Sec. 15 Twp 028N Rge. 005W  
 Pressure (Shut-in or Flowing) Dwt Tubing 2 1/2 Intermediate P70 Casing P70 Bradenhead 0 072N  
 OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

| TIME   | PRESSURES    |            | INTERMEDIATE FLOWED | BRADENHEAD FLOWED | INTERMEDIATE FLOWED                 |
|--------|--------------|------------|---------------------|-------------------|-------------------------------------|
|        | INTERMEDIATE | CASING     |                     |                   |                                     |
| 5 Min  |              | <u>210</u> | Steady Flow         |                   | <input checked="" type="checkbox"/> |
| 10 Min |              | <u>130</u> | Surges              |                   |                                     |
| 15 Min |              | <u>80</u>  | Down to Nothing     |                   |                                     |
| 20 Min |              |            | Nothing             |                   | <input checked="" type="checkbox"/> |
| 25 Min |              |            | Gas                 |                   |                                     |
| 30 Min |              |            | Gas & Water         |                   |                                     |
|        |              |            | Water               |                   |                                     |

If Bradenhead flowed water check description below

Clear \_\_\_\_\_  
 Frothy \_\_\_\_\_  
 Salty \_\_\_\_\_  
 Sulphur \_\_\_\_\_  
 Black \_\_\_\_\_

Remarks \_\_\_\_\_

By Mark Ferrasi  
 LEASE OPERATOR P700  
 position SPRINT  
 Witness \_\_\_\_\_