

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

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
1450' FSL, 1190' FWL Sec. 23, T-28-N, R-5-W, NMPM

5. Lease Number
SF-079519
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 28-5 Unit
8. Well Name & Number
San Juan 28-5 Unit NP #86
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

(This space for Federal or State Office use)

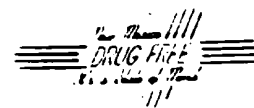
APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

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

ANITA LOCKWOOD
CABINET SECRETARY

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

BRUCE KING
GOVERNOR

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
inconclusively. Retests
attached.

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)

ate of Test 4-27-92 Operator MERIDIAN OIL CO.
base Name SAN JUAN 28-5 UNIT Well No 086 Unit L Sec. 23 Twp. 028N Rge. 005W
ressure (Shut-in or Flowing) Dwt Tubing 4 1/2 Intermediate 0 casing 5 3/8 Bradenhead 535
PEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME:	PRESSURES:			BRADENHEAD FLOWED:	INTERMEDIATE FLOWED:
	INTERMEDIATE	CASING			
Min.	<u>70</u>		Steady Flow		
0 Min.	<u>30</u>		Surges		
5 Min.	<u>28</u>		Down to Nothing		☒
0 Min.			Nothing		
5 Min.			Gas ☒		
0 Min.			Gas & Water		
			Water		

f Bradenhead flowed water check description below:

Clear _____
Fresh _____
Salty _____
Sulfur _____
Black _____

Remarks bradenhead has
40 lb. after 15 min.

By Nary Gonzalez
LEASE OPERATOR
position

Witness _____

OIL CONSERVATION DIVISION
1000 Rio Brazos Road
Aztec, New Mexico

STATE NEW MEXICO
ENERGY and MINERALS DEPARTMENT

BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

Date of Test 12.21-92 Operator MERIDIAN OIL CO.
 Well Name SAN JUAN 2B 5 Well No 086 Unit 1 Sec 23 Twp 028N Rge. 005W
 Pressure (Shut in or Flowing) Dwt tubing 160 Intermediate 530 Casing 530 Bradenhead 0 (022N)

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES			INTERMEDIATE FLOWED:	BRADENHEAD FLOWED:	INTERMEDIATE FLOWED:
	INTERMEDIATE	CASING				
5 Min.		<u>280</u>	Steady flow			✓
10 Min		<u>195</u>	Surges			
15 Min		<u>80</u>	Down to Nothing			
20 Min			Nothing			
25 Min.			Gas			✓
30 Min.			Gas & Water			
			Water			

If Bradenhead flowed water check description below

Clear _____
 Greasy _____
 Salty _____
 Sulfur _____
 Black _____

Remarks: _____

By Nick FERRARI
 PLEASE OPERATOR PRODUCTION
 position 3236
 Witness _____

Pertinent Data Sheet - San Juan 28-5 Unit NP #86

Location: 1450' FSL, 1190' FWL, Section 23, T-28-N, R-05-W

Field: Blanco Mesaverde

Elevation: 7114' GL

TD: 8489'
COTD: 8476'

Spud Date: 4/12/71

Completed: 5/25/71

Initial Potential: 3,345 MCF/D

SICP: 2698 PSI

Casing Record:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
13-3/4"	9-5/8"	32.30# H-40	225'	190 sx	Surface
8-3/4"	7"	20.00# K-55	4340'	165 sx	4020' (TS)*

* Perfed 2 squeeze hole @ 4320'. Set cement retainer @ 4270'. Squeezed w/ 100 sx of cement. Located leak in 7" casing from 4117' to 4118' w/ packer. Squeezed w/ 200 sx of cement. Set packer @ 4086' and re-squeezed w/ 100 sx of cement. Held 900 psi.

6-1/4"	4-1/2"	11.60#, 10.50# K-55	8489'	330 sx	4256' (Calc)*
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* Calculated cement top @ 70% efficiency.

Tubing Record:

<u>Tubing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>
1-1/2"	2.90# J-55	8489' (262 jts)

Formation Tops:

Ojo Alamo	3358'
Kirtland	3520'
Fruitland	3805'
Pictured Cliffs	4042'
Cliffhouse	5740'
Menefee	5888'
Point Lookout	6186'
Gallup	7213'
Greenhorn	8143'
Graneros	8200'
Dakota	8317'

Logging Record: IES, FDC/GR, Temperature Survey.

Stimulation: Perfed Dakota: 8336'-8350', 8408'-8422', 8432'-8446' w/ 16 SPZ.
Fraced Dakota: 35,000# sand and 38,000 gallons water.

Workover History: N/A.

<u>Production History:</u>	Cumulative Oil Production:	3.1 MBO
	Cumulative Gas Production:	1,119 MMCF
	Current Oil Production:	1 BBLS/D
	Current Gas Production:	117 MCF/D

Transporter: El Paso Natural Gas Pipeline

**San Juan 28-5 Unit NP #86
SW/4 Section 23, T-28-N, R-05-W
Rio Arriba County, New Mexico**

Wellbore Schematic

530 PSI ON PRODUCTION CASING VALVE.

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

0 PSI ON BRADENHEAD VALVE.

CURRENT

CMT W/ 190 SX TO SURFACE

10-3/4" 32.30#
H-40 CSG
SET @ 225'

ELEVATION: 7114' GL

SQUEEZED W/ 100 SX CEMENT THROUGH PACKER @ 4086'.

SQUEEZED W/ 200 SX CEMENT @ 4117'.

SQUEEZED W/ 100 SX CEMENT THROUGH 2 SQUEEZE HOLES @ 4230'.

CEMENT W/ 165 SX TOC @ 4020' (TS)

CEMENT W/ 330 SX TOC @ 4256' (CALCULATED @ 70% EFFICIENCY)

7", 20.00# CASING SET @ 4340'.

1-1/2" TBG SET @ 8489'.

DAKOTA FRACED W/ 35,000# SAND AND 38,000 GALLONS WATER.

4-1/2" 11.60#, 10.50# K-55 CSG SET @ 8489'

TOP OF OJO ALAMO @ 3358'

TOP OF KIRTLAND @ 3520'

TOP OF FRUITLAND @ 3805'

TOP OF PICTURED CLIFFS @ 4042'

TOP OF CLIFFHOUSE @ 5740'

TOP OF PT. LOOKOUT @ 6186'

TOP OF GALLUP @ 7213'

TOP OF GREENHORN @ 8143'

TOP OF GRANEROS @ 8200'

TOP OF DAKOTA @ 8317'

8336'

8446'

COTD @ 8476'
TD @ 8489'