submitted in lieu of Form 3160-5

**UNITED STATES**
**DEPARTMENT OF THE INTERIOR** RECEIVED
**BUREAU OF LAND MANAGEMENT** BLM

Sundry Notices and Reports on Wells 95 JUL 19 PM 1:47

070 FARMINGTON, NM

1. **Type of Well**
GAS

5. **Lease Number**
SF-079487A

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

7. **Unit Agreement Name**
San Juan 30-4 Unit

2. **Name of Operator**
MERIDIAN OIL

8. **Well Name & Number**
**San Juan 30-4 U #101**

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

9. **API Well No.**
30-039-24485

4. **Location of Well, Footage, Sec., T, R, M**
790'FNL, 1495'FEL, Sec.20, T-30-N, R-4-W, NMPM

10. **Field and Pool**
Basin Fruitland Coal

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

13. **Describe Proposed or Completed Operations**

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagrams.

RECEIVED
JUL 31 1995
OIL CON. DIV.
DIST. 3

SEE ATTACHED FOR CONDITIONS OF APPROVAL

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

Signed Peggy Bradfield (ROS7) Title Regulatory Affairs Date 7/17/95

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date APPROVED
CONDITION OF APPROVAL, if any:

JUL 25 1995
DISTRICT MANAGER

NMOCD

# PERTINENT DATA SHEET

| | | | |
|---|---|---|---|
| **WELLNAME:** | San Juan 30-4 Unit #101 | **DP NUMBER:**<br>**PROP. NUMBER:** | 3886A<br>071121604 |
| **WELL TYPE:** | Basin Fruitland Coal | **ELEVATION:** | **GL:** 7555'<br>**KB:** N/A |
| **LOCATION:** | 790' FNL 1495' FEL<br>NE Sec. 20. T30N, R4W<br>Rio Arriba County, New Mexico | **INITIAL POTENTIAL:**<br>**SICP:** | AOF N/A MCF/D<br>N/A PSIG |
| **OWNERSHIP:** | **GWI:** 77.625005%<br>**NRI:** 67.921880% | **DRILLING:** | **SPUD DATE:** 07-10-89<br>**COMPLETED:** 08-08-89<br>**TOTAL DEPTH:** 4246'<br>**PBTD:** N/A<br>**COTD:** N/A |

**CASING RECORD:**

| HOLE SIZE | SIZE | WEIGHT | GRADE | DEPTH | EQUIP. | CEMENT | TOC |
|---|---|---|---|---|---|---|---|
| 12-1/4" | 9-5/8" | 36.0# | K-55 | 244' | - | 173 cf (150 sx) | surface |
| 8-3/4" | 7" | 23.0# | K-55 | 4166' | - | 1100 cf (590 sx) | 900' (TS) |
| 6-1/4" | 4-1/2" Liner | 10.5# | K-55 | 4010' - 4245' | - | 97 cf (70 sx) | 4010' (75%) |
| Tubing | 2-3/8" | 4.7# | J-55 | 4228' | | | |

1 jt 2-3/8" tbg, F-Nipple @ 4194', 129 jts 2-3/8", 4.7#, 8rd, J-55, tbg set @ 4228'.

**FORMATION TOPS:**

| | |
|---|---|
| Nacimiento | 2502' |
| Ojo Alamo | 3628' |
| Kirtland | 3865' |
| Fruitland | 4120' |
| Pictured Cliffs | 4268' |

**LOGGING:** Density, Neutron, Induction, Spectral Gamma Ray

**PERFORATIONS** 4166' - 70', 4180' - 84', 4208' - 30', w/4 SPF, Total 120 holes.

**STIMULATION:** Frac w/5,000 gal. fresh wtr., 23,000 gal 30# linear gel & 62,076 gal. 30# Borate X-link gel. Propped frac w/105,000# 20/40 sand & 52,000# 12/20 sand as follows: 5000 gal fresh wtr prepad, 23,000 gal 30# linear gel pad, 62,026 gal 30# X-link w/1 ppg -- 10 ppg 20/40 & 12/20 sand. Flushed w/5880 gal 30# linear gel.

**WORKOVER HISTORY:** None

| PRODUCTION HISTORY: | Gas | Oil | DATE OF LAST PRODUCTION: | Gas | Oil |
|---|---|---|---|---|---|
| **Cumulative as of Mar. 95:** | 216.0 Mcf | 0 Bbl | April, 1994 | 16.6 Mcf/D | 0 bbl/D |
| **Current Rate:** | 0 Mcfd | 0 Bopd | | | |

**PIPELINE:** NWPC

PLUG & ABANDONMENT PROCEDURE

7-11-95

San Juan 30-4 Unit #101
Basin Fruitland Coal
NE Section 20, T-30-N, R-4-W
Rio Arriba Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and MOI regulations.

2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.

3. POH and tally 2-3/8" 4.7#, J-55, 8rd, tubing (130 jts @ 4228', F-Nipple @ 4194'); visually inspect the tubing. If necessary, LD and PU 2-3/8" workstring.

4. **Plug #1 (Fruitland perforations, liner top, Kirtland and Ojo Alamo tops, 4245' - 3578'):** RIH with open ended tubing to 4245', or as deep as possible. Pump 30 bbls water down tubing. Mix 124 sx Class B cement (100% excess in 4-1/2" casing) and spot a balanced plug from 4245' to 3578' over the Fruitland perforations, liner top and Ojo Alamo top. POH to 2000' and WOC. RIH and tag cement. Load well with water and circulate clean. Pressure test casing to 500#. POH to 2552'.

5. **Plug #2 (Nacimiento top, 2552' - 2452'):** Mix 28 sx Class B cement and spot balanced plug from 2552' to 2452' inside casing over Nacimiento top. POH and LD tubing.

6. **Plug #3 (Surface):** Perforate 2 squeeze holes at 294'. Establish circulation out bradenhead valve. Mix approximately 96 sx Class B cement and pump down 7" casing, circulate good cement out bradenhead valve. Shut in well and WOC.

7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

# San Juan 30-4 Unit #101

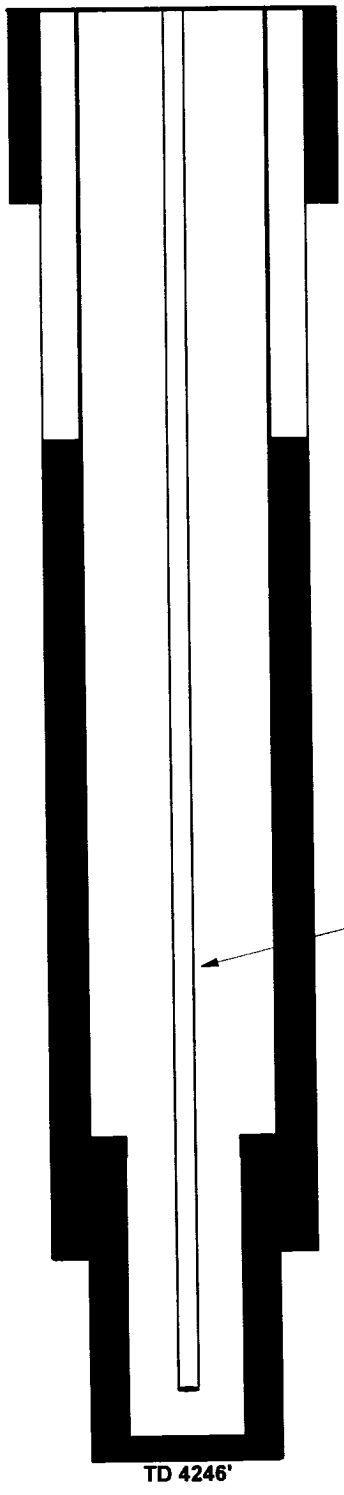


***CURRENT***

**Basin Fruitland Coal**

**NE Section 20, T-30-N, R-4-W, Rio Arriba County, NM**

Today's Date: 7/11/95
Spud: 7/10/89
Completed: 8/8/89



12-1/4" hole

9-5/8", 36.0#, K-55, 8rd, Csg set @ 244',
Cmt w/173 cf (150 sx)(Circulated to Surface)

TOC @ 900' (TS)

Nacimiento @ 2502'

Ojo Alamo @ 3628'

130 jts 2-3/8", 4.7#, J-55, 8rd, tbg @ 4228',
(F-Nipple @ 4194', I.D. 1.8125")

Kirtland @ 3865'

Fruitland @ 4120'

4-1/2" Liner Top @ 4010'

8-3/4" hole

7", 23.0#, Csg set @ 4166',
Cmt w/1100 cf (590 sx)

Fruitland Coal Perforations:
4166' - 4230', Total 120 holes

6-1/4" hole

4-1/2", 10.5#, K-55, 8rd, Csg liner set @ 4245',
Cmt w/97 cf (70 sx)

**TD 4246'**

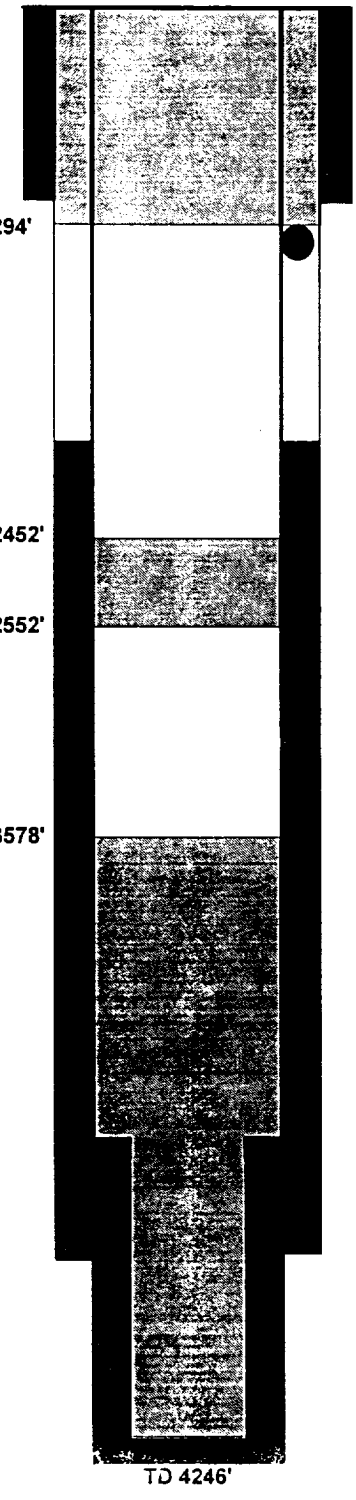
# San Juan 30-4 Unit #101

## PROPOSED P & A

**Basin Fruitland Coal**

**NE Section 20, T-30-N, R-4-W, Rio Arriba County, NM**

Today's Date: 7/11/95
Spud: 7/10/89
Completed: 8/8/89




9-5/8", 36.0#, K-55, 8rd, Csg set @ 244',
Cmt w/173 cf (150 sx)(Circulated to Surface)

**Perforate @ 294'**

**Plug #3:** 294' - Surface,
Cmt w/96 sx Class B Cmt

TOC @ 900' (TS)

Nacimiento @ 2502'

**Plug #2:** 2552' - 2452',
Cmt w/28 sx Class B Cmt

Ojo Alamo @ 3628'

Kirtland @ 3865'

**Plug #1:** 4245' - 3578',
Cmt w/124 sx Class B Cmt,
(100% excess in 4-1/2" csg)

Fruitland @ 4120'

4-1/2" Liner Top @ 4010'

7", 23.0#, Csg set @ 4166',
Cmt w/1100 cf (590 sx)

Fruitland Coal Perforations:
4166' - 4230', Total 120 holes

4-1/2", 10.5#, K-55, 8rd, Csg liner set @ 4245',
Cmt w/97 cf (70 sx)

IN REPLY REFER TO:
(07337)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 La Plata Highway
Farmington, New Mexico 87401

Attachment to Notice of

Intention to Abandon

Re: Permanent Abandonment

Well: 101 San Juan 30-4 Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."

2. Mike Flaniken with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made (when applicable):

Office Hours: 7:45 a.m. to 4:30 p.m.