

**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**
1850' FNL, 1715' FEL, Sec.33, T-27-N, R-9-W, NMPM

5. **Lease Number**
SF-078081

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

7. **Unit Agreement Name**

8. **Well Name & Number**
Huerfanito Unit #33

9. **API Well No.**
30-045-06153

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

11. **County and State**
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

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

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

RECEIVED
JUL 5 1995
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (ROS1) Title Regulatory Affairs Date 6/13/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JUN 29 1995

DISTRICT MANAGER

NMOCD

PERTINENT DATA SHEET

WELLNAME: Huerfanito Unit #33	DP NUMBER: 49431B PROP. NUMBER: 071076314																																
WELL TYPE: Fruitland Coal	ELEVATION: GL: 6646' KB: 6650'																																
LOCATION: 1850' FNL 1715' FEL NE Sec. 33, T27N, R09W San Juan County, New Mexico	INITIAL POTENTIAL: AOF 0 MCF/D SICP: July, 1992 528 PSIG																																
OWNERSHIP: GWI: 100.000000% NRI: 85.000000%	DRILLING: SPUD DATE: 11-26-55 COMPLETED: 08-01-90 TOTAL DEPTH: 2514' PBTD: 2442' COTD: NA																																
CASING RECORD: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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>12-1/4"</td> <td>8-5/8"</td> <td>24.0#</td> <td>J-55</td> <td>128'</td> <td>-</td> <td>100 sx</td> <td>surface</td> </tr> <tr> <td>7-7/8"</td> <td>5-1/2"</td> <td>14.0#, 15.5#</td> <td>J-55</td> <td>2447'</td> <td>-</td> <td>100 sx</td> <td>1937' (75%)</td> </tr> <tr> <td>Tubing</td> <td>2-3/8"</td> <td>4.7#</td> <td>J-55</td> <td>2423'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="margin-top: 5px;">2-3/8" seating nipple 1jt off bottom; 76 jts; 2-3/8" tbg set @ 2423'; CIBP @ 2442'</p>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12-1/4"	8-5/8"	24.0#	J-55	128'	-	100 sx	surface	7-7/8"	5-1/2"	14.0#, 15.5#	J-55	2447'	-	100 sx	1937' (75%)	Tubing	2-3/8"	4.7#	J-55	2423'			
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PERFORATIONS 2254' - 2434', total 78 holes																																	
STIMULATION: acid job w/ 150 gal. of 15% HCl																																	
WORKOVER HISTORY: 07-30-90: Plug back PC, Recompleted to Fruitland Coal. CIBP set @ 2442'																																	
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PLUG & ABANDONMENT PROCEDURE

6/9/95

Huerfanito Unit #33
Fruitland Coal
NE Section 33, T-27-N, R-09-W
San Juan 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, visually inspect 2-3/8" tubing (2443') and LD any bad tubing. PU 5-1/2" casing scraper or wireline gauge ring and round trip to 2230'
4. **Plug #1 (Fruitland perforations 2442' - 2157'):** RIH with open ended tubing to 2442' or as deep as possible. Pump 20 bbl water down tubing. Mix 50 sx Class B cement (50% excess, long plug) and spot a balanced plug from 2442' - 2157'. POH to 1700' and WOC. RIH and tag cement. Circulate well clean and pressure test casing to 500#. POH with tubing.
5. **Plug #2 (Kirtland, and Ojo Alamo tops, 1783' - 1490'):** Perforate 4 squeeze holes at 1783'. Establish rate into squeeze holes if casing tested; PU 5-1/2" cement retainer and RIH; set CR at 1733'. Establish rate into squeeze holes. Mix 126 sx Class B cement, squeeze 86 sx cement outside 5-1/2" casing and 40 sx inside casing. POH with tubing and LD setting tool.
6. **Plug #3 (Surface, 178' - Surface):** Perforate 2 holes at 178'. Establish circulation out bradenhead valve. Mix approximately 49 sx Class B cement and pump down 5-1/2" 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

Huerfanito Unit #33

Current

Fruitland Coal

NE Section 33, T-27-N, R-9-W, San Juan County, NM

Today's Date: 6/07/95
Spud: 11/26/55
Completed: 8/01/90

8-5/8", 24.0#, 8-jt, J-55, Csg set @ 128'
Cmt w/ 100 sx (Circulated to Surface)

12-1/4" Hole

Ojo Alamo @ 1540'

Kirtland @ 1733'

Fruitland @ 2207'

2-3/8", 4.7#, J-55, 76 jts. Tbg @ 2423';
2-3/8" SN 1 jt off bottom

Top of Cmt @ 1937' (Calc @ 75%)

Fruitland Coal Perfs:
2254' - 2434', 78 perfs

PBTD 2442'

Bridge Plug @ 2442'

7-7/8" Hole

5-1/2", 14.0#, 15.5#, J-55, Csg set @ 2447',
Cmt w/ 100 sx

Pictured Cliffs @ 2468'

Open Hole Interval: 2514' - 2447'
130 qt nitro

TD 2514'

Huerfanito Unit #33

Proposed

Fruitland Coal

NE Section 33, T-27-N, R-9-W, San Juan County, NM

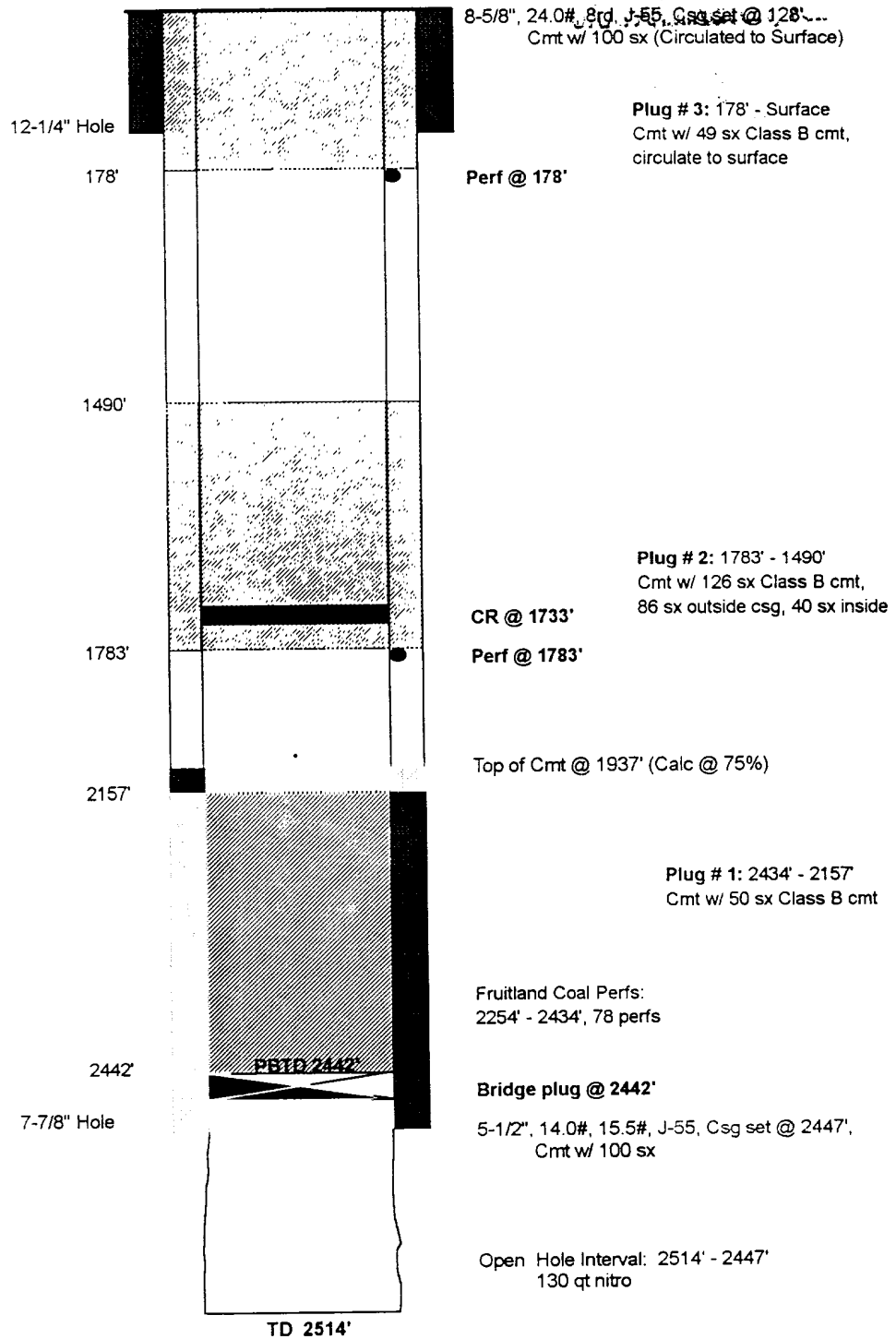
Today's Date: 6/09/95
Spud: 11/26/55
Completed: 8/01/90

Ojo Alamo @ 1540'

Kirtland @ 1733'

Fruitland @ 2207'

Pictured Cliffs @ 2468'



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

Re: Permanent Abandonment

Intention to Abandon

Well: 33 Huerfanito 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):

1.) Extend Fruitland cement plug, place plug from 2442' to 2073. (top of Fruitland @ 2123')

2) Move Ojo Alamo cement plug, perforate at 1726' and place a cement plug from 1726' to 1371' inside and outside the casing. (top of Kirtland @ 1676', top of Ojo Alamo @ 1421')