

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  
810' FSL, 1800' FWL, Sec.5, T-25-N, R-3-W, NMPM

5. Lease Number  
SF-080565A  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name  
8. Well Name & Number  
Florance Federal #9A  
9. API Well No.  
30-039-22866  
10. Field and Pool  
Blanco Mesaverde/  
West Lindrith Gal-DK  
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
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -

13. Describe Proposed or Completed Operations

REVISED

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

RECEIVED  
APR 15 1996  
OIL CON. DIV.  
DIST. 3

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

Signed [Signature] (ROS9) Title Regulatory Administrator Date 3/29/96

(This space for Federal or State Office use)  
APPROVED BY [Signature] Title Chief Lands and Mineral Resources Date APR 12 1996

CONDITION OF APPROVAL, if any:

Surface restoration requirements in attached letter.

## PLUG AND ABANDONMENT PROCEDURE

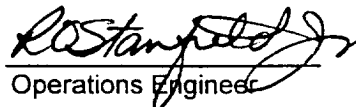
3-19-96

Florance Federal #9A  
Mesaverde/Dakota  
SW Sec. 5, T25N, R3W  
Rio Arriba County, 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 rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Meridian safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to flow back tank. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. Release Baker Loc-set packer at +/- 5500' (Set w/15,000# tension); if unable to pull, then jet cut tubing at 5400'. POH and tally 2-3/8" tubing (5906', 13 joints tailpipe and 176 joints above packer). Visually inspect tubing, if tubing has heavy scale or is in poor condition then LD and PU 2-3/8" work string. If unable to pull packer then round-trip a 5-1/2" gauge ring or casing scraper to above the tubing stub.
4. **Plug #1 (Dakota perforations, 6080' - 6030')**: RIH with open ended tubing to 6080' or as deep as possible. Pump 40 bbls water down tubing. Mix 12 sx Class B cement and spot balanced plug inside casing above the bridge plug at 6080'. POH with tubing.
5. **Plug #2 (Mesaverde perforations, 5350' - 5300')**: PU 5-1/2" bridge plug and RIH; set at 5350'. RIH with tubing to 5350'. Load casing and pressure test to 500#. Mix 12 sx Class B cement and spot a balanced plug above the bridge plug. POH to 3870'.
6. **Plug #3 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3870' - 3234')**: Mix 78 sx Class B cement and spot balanced plug inside casing over old squeeze holes at 3820' through the Ojo Alamo top. POH with tubing.
7. **Plug #4 (Nacimiento top, 1678' - 1578')**: Perforate 3 or 4 squeeze holes at 1678'. If casing pressure tested, establish rate into squeeze holes. PU 5-1/2" cement retainer and RIH; set at 1628'. Establish rate into squeeze holes. Mix and pump 47 sx Class B cement, squeeze 30 sx cement outside casing and leave 17 sx inside casing. POH.
8. **Plug #5 (Surface)**: Perforate 2 or 3 squeeze holes at 575'. Establish circulation out bradenhead valve. Mix approximately 159 sx Class B cement and pump down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
9. 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:

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Production Superintendent

# Florance Federal #9A

## Current

Mesaverde/Dakota

810' FSL, 1800' FWL

SW Section 5, T-25-N, R-03-W, Rio Arriba County, NM

Today's Date: 3/19/96

Spud: 12/9/81

Completed: Dk- 1982; P&A'd 10/82  
MV- 3/3/83

12-1/4" hole

Nacimiento @ 1628'

Ojo Alamo @ 3284'

Kirtland @ 3470'

Fruitland @ 3604'

Pictured Cliffs @ 3746'

Mesaverde @ 5397'

Gallup @ 7083'

Dakota @ 7963'

7-7/8" Hole

TD 8420'

8-5/8", 24.0#, K-55, Csg @ 525',  
Cmt w/388 cf (Circulated to Surface)

### WORKOVER HISTORY

**April '82:** Set RBP @ 4003';  
perf sqz holes at 3820'; CR @  
3600', sqzd w/150 sx cmt; drill  
out; test OK; ran 2" to 8126'.

**Oct '82:** RBP @ 6204'; perf &  
frac MV; stuck pkr & tbq; cut off  
@ 5665'; Wash & mill over pkr;  
rec some fish; chase down to  
6145'; Set CIBP @ 6080'; ran  
2" tubing and set @ 5400'.

**April '91:** Pull rod & pump; pull  
2" tbq; 5-1/2" scraper to 6100';  
set Loc-set pkr at 5500' in  
tension, in MV perfs; swab well;  
isolated Cliff House perfs.

TOC @ 3181'  
(Calc 75%)

Sqz holes @ 3820'  
Cmt w/177 cf

TOC at 3880' (CBL)

DV Tool @ 4508', Cmt w/610 cf

TOC at DV tool

2-3/8" Tubing @ 5906'  
(13 jts below Pkr, 176 jts above)

Mesaverde Perforations:  
5406' - 5926'

Baker Loc-set Packer @ +/- 5500',  
(set with 15,000# tension)

CIBP @ 6080'

Fish @ 6145'

RBP @ 6204'

DV Tool @ 6242', Cmt w/610 cf

TOC at DV tool

Dakota Perforations:  
8117' - 8216', Total 26 holes

5-1/2", 15.5 & 17.0#, K-55, Csg @ 8420',  
Cmt w/610 cf

PBTD 6080'

# Florance Federal #9A

Proposed P & A

Mesaverde/Dakota

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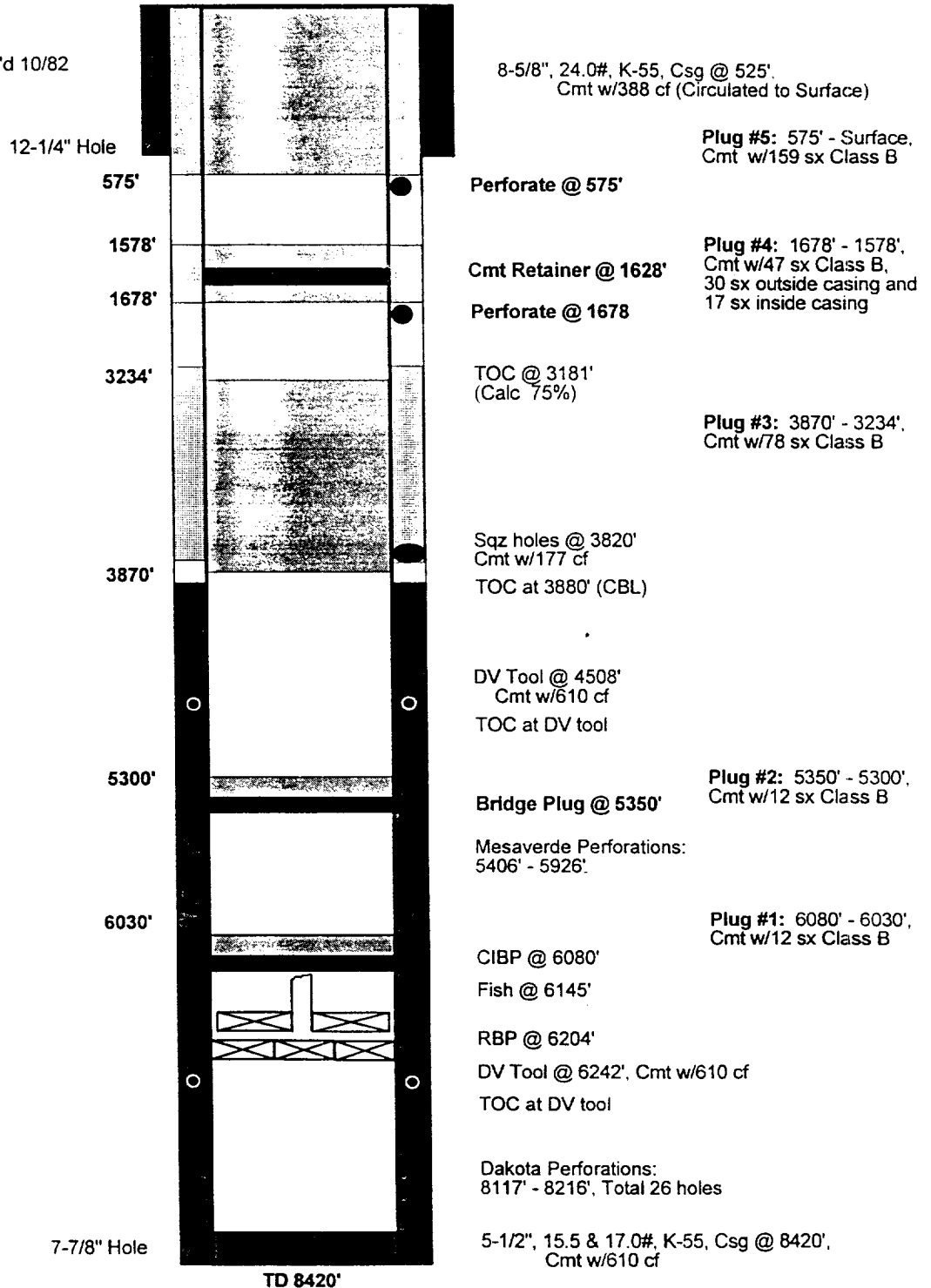
Fruitland @ 3604'

Pictured Cliffs @ 3746'

Mesaverde @ 5397'

Gallup @ 7083'

Dakota @ 7963'



CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Meridian Oil Co. Well Name Florance Fed. #9A

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Erwin Elote with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3242.

3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made : None