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

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**
   1180'FSL, 890'FWL, Sec.4, T-30-N, R-9-W, NMPM

5. **Lease Number**
   SF-081098
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**
8. **Well Name & Number**
   Riddle #4
9. **API Well No.**
   30-045-12116
10. **Field and Pool**
    ~~Wildcat~~ Farmington
11. **County and State**
    San Juan 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 diagram.

RECEIVED
OCT 13 1994
OIL CON. DIV.
DIST. 3

OCT 4 PM 2:42
070 FARMINGTON NM

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

Signed [signature] (JK5) Title Regulatory Affairs Date 10/4/94

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

OCT 11 1994
DISTRICT MANAGER

PLUG & ABANDONMENT PROCEDURE

Riddle #4
Wildcat Farmington Sand DPNO 43741A
SW Section 4, T-30-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 and LD 5/8" rods (89) and pump; hot oil tubing if necessary. POH and LD 1-1/2" J-55, IJ tubing (70 jts @ 2297', SN @ 2266').

4. Open bradenhead valve. Establish a rate down 2-7/8" casing with 20 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If bradenhead flows water, use tubing to plug well. If not, pump 10 frac balls in additional water and monitor pressure, rate, and volumes pumped, to confirm perforations taking water.

4. **Plug #1 (Farmington Sand perfs, Kirtland and Ojo Alamo formations, 2304' to 500'):** Establish rate into perforations. Mix and pump 60 sxs Class B cement with 3% salt (10% excess, long plug) down the 2-7/8" casing; displace to 500' with water. Shut in well and WOC. RU wireline unit and RIH. Tag top of cement inside 2-7/8" casing. Pressure test casing to 500#.

5. **Plug #2 (Surface):** Perforate 2 holes at 254'. Establish circulation out bradenhead valve. Mix approximately 74 sxs Class B cement and pump down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.

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

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

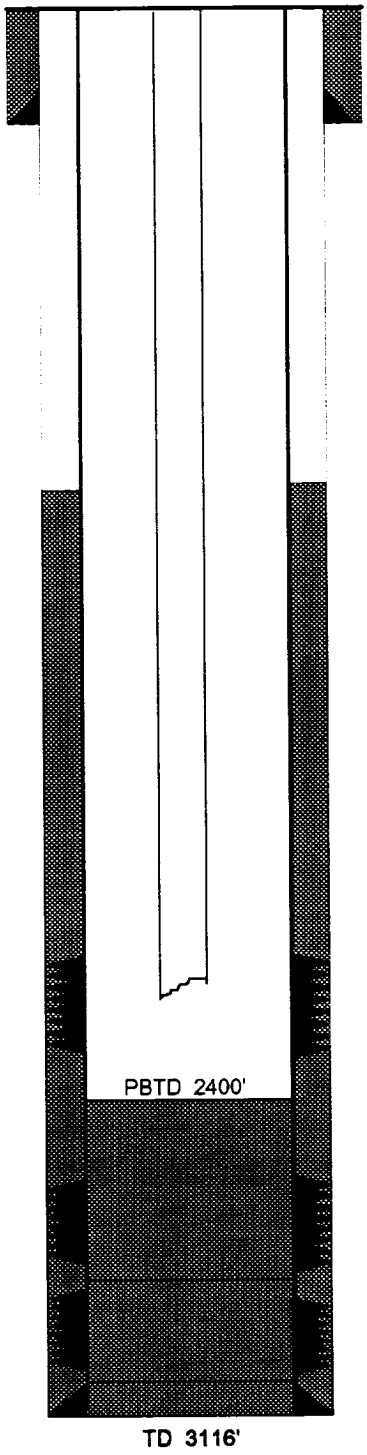
Riddle #4

CURRENT

WILDCAT FARMINGTON SAND

SW, Section 4, T-30-N, R-09W, San Juan County, NM

Today's Date: 9/30/94
Spud:7/20/67
Completed: 11/9/67



8-5/8" 24.0#, J-55 Csg set @ 204'
Cmt w/170 sx (Circulated to Surface)

Top of Cmt @ 1485' (T.S.)

Ojo Alamo @ 1715'

Tubing with Rods
70 jts, 1-1/2" IJ J-55 Tbg @ 2297'

Kirtland @ 1810'

Farmington @ 1840'

Farmington Perforations: 2296' - 2304',

Top of Cement @ 2400'

Fruitland @ 2680'

Fruitland Perforations: 2776' - 2794',
Squeezed with 50 sxs cement.

Top of Cement @ 2845'

Pictured Cliffs @ 2995'

Pictured Cliffs Perforations: 3006' - 3030',
Squeezed with 50 sxs cement.

Lewis @ 3110'

2-7/8" 6.4#, J-55 set @ 3116'
Cmt w/240 sx

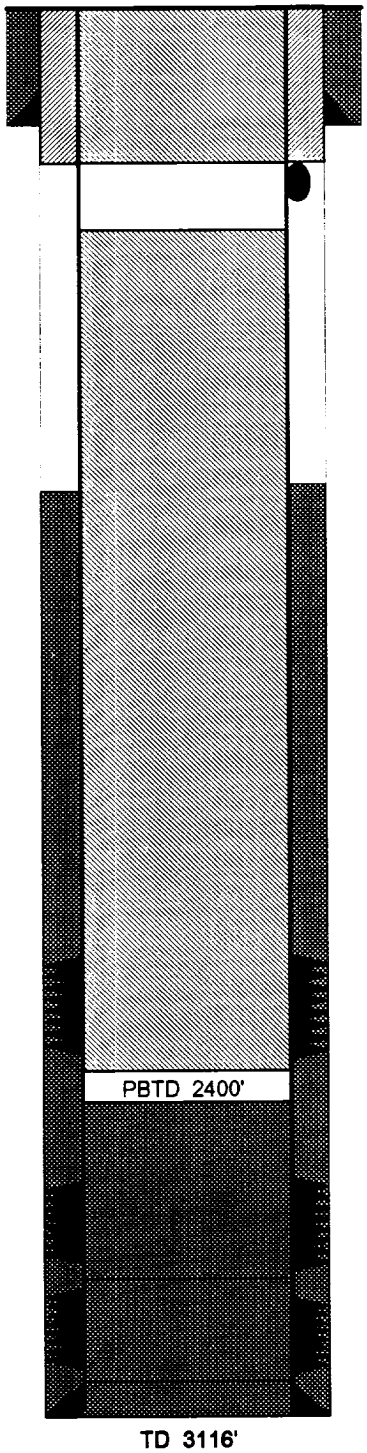
Riddle #4

Proposed P & A

WILDCAT FARMINGTON SAND

SW, Section 4, T-30-N, R-09W, San Juan County, NM

Today's Date: 9/30/94
Spud:7/20/67
Completed: 11/9/67



8-5/8" 24.0#, J-55 Csg set @ 204'
Cmt w/170 sx (Circulated to Surface)

Perforate @ 254'
Plug #2 254' to Suface,
74 sxs Cement

Top of Cmt @ 1485' (T.S.)

Ojo Alamo @ 1715'

Plug #1 2304' - 500'
60 sxs Cement

Kirtland @ 1810'

Farmington @ 1840'

Farmington Perforations: 2296' - 2304',

Top of Cement @ 2400'

Fruitland @ 2680'

Fruitland Perforations: 2776' - 2794',
Squeezed with 50 sxs cement.

Top of Cement @ 2845'

Pictured Cliffs @ 2995'

Pictured Cliffs Perforations: 3006' - 3030',
Squeezed with 50 sxs cement.

Lewis @ 3110'

6-1/4" Hole

2-7/8" 6.4#, J-55 set @ 3116'
Cmt w/240 sx

TD 3116'

PERTINENT DATA SHEET

9/30/94

WELLNAME:	Riddle #4	**DP NUMBER:**	43741A
WELL TYPE:	Farmington Sand	**ELEVATION:**	**GL:** 6229' **KB:**
LOCATION:	1180' FSL 890' FWL Sec. 4, T30N, R09W San Juan County, New Mexico	**INITIAL POTENTIAL:** **SICP:**	50 BOPD 640
OWNERSHIP:	**GWI:** 100.0000% **NRI:** 83.5000%	**DRILLING:**	**SPUD DATE:** 07-20-67 **COMPLETED:** 11-09-67 **TOTAL DEPTH:** 3116' **PBTD:** 2400'

CASING RECORD:

HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC
12 1/4"	8 5/8"	24#	J55	204'	-	170	Surface
6 1/4"	2 7/8"	6.4#	J55	3116'		240 sx	TS 1485'
Tubing	1 1/2"	IJ	J55	2297'			

FORMATION TOPS:

Ojo Alamo	1715'	Mancos	
Kirtland	1810'	Gallup	
Farmington	1840'	Graneros	
Fruitland	2680'	Dakota	
Pictured Cliffs	2995'		
Lewis	3110'		
Point Lookout			

LOGGING: IES, FDC, DT, TS

PERFORATIONS

Pictured Cliffs	3006' -- 3030' w/ 2spf
Farmington Sand	2274' -- 2280', 2296' -- 2304' w/2spf

STIMULATION: Farmington Sand — Fraced with 3,300# sand and 3,710 gal water

WORKOVER HISTORY:

Jan-68	Landed 1 1/2" IJ tubing at 2297'.
Aug-68	Ran 5/8" rods and pump.

PRODUCTION HISTORY:

	Gas	Oil
Cumulative as of Jul 94:	0 Mcf	24.7 Mbbl
Current:	0 Mcf	0 Bbl

DATE OF LAST PRODUCTION:

	Gas	Oil
February, 1989	0 Mcf	2 Bbl

PIPELINE: EPNG