submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED
APR - 3 1995
OIL CON. DIV.
DIST. 3

1. **Type of Well**
GAS

5. **Lease Number**
SF-077874

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

7. **Unit Agreement Name**

2. **Name of Operator**
MERIDIAN OIL

8. **Well Name & Number**
Feasel #2R

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

9. **API Well No.**
30-045-29209

4. **Location of Well, Footage, Sec., T, R, M**
970'FNL, 1650'FEL, Sec.2, T-27-N, R-10-W, NMPM

10. **Field and Pool**
WC;27N-10W-02 Farm.
Fulcher Kutz Pict.Cliffs

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	___ Abandonment	_X_ 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**

Verbal approved received from Steve Mason March 28, 1995

During the drilling of the subject well, the Farmington sandstone had a strong show. Meridian intends to first fracture, stimulate and test the Pictured Cliffs formation. A CIBP will be set to isolate the Pictured Cliffs. The Farmington will be fractured, stimulated and tested and the well will be put on production for several months. This will allow a final determination to be made as to whether to dual with the Pictured Cliffs formation or commingle.

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

Signed W.J. Sullivan (LJB2) Title Drilling Superintendent Date 3/29/95

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

APPROVED
MAR 31 1995
DISTRICT MANAGER

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-10
Revised February 21, 199
Instructions on bac
Submit to Appropriate District Offic
State Lease - 4 Copie
Fee Lease - 3 Copie

☐ AMENDED REPOR

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
30-045-29209	96355	Wildcat; 27N-10W-02 Farmington

⁴ Property Code	⁵ Property Name	⁶ Well Number
6997	Feasel	2R

⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
14538	MERIDIAN OIL INC.	5952'

¹⁰ Surface Location

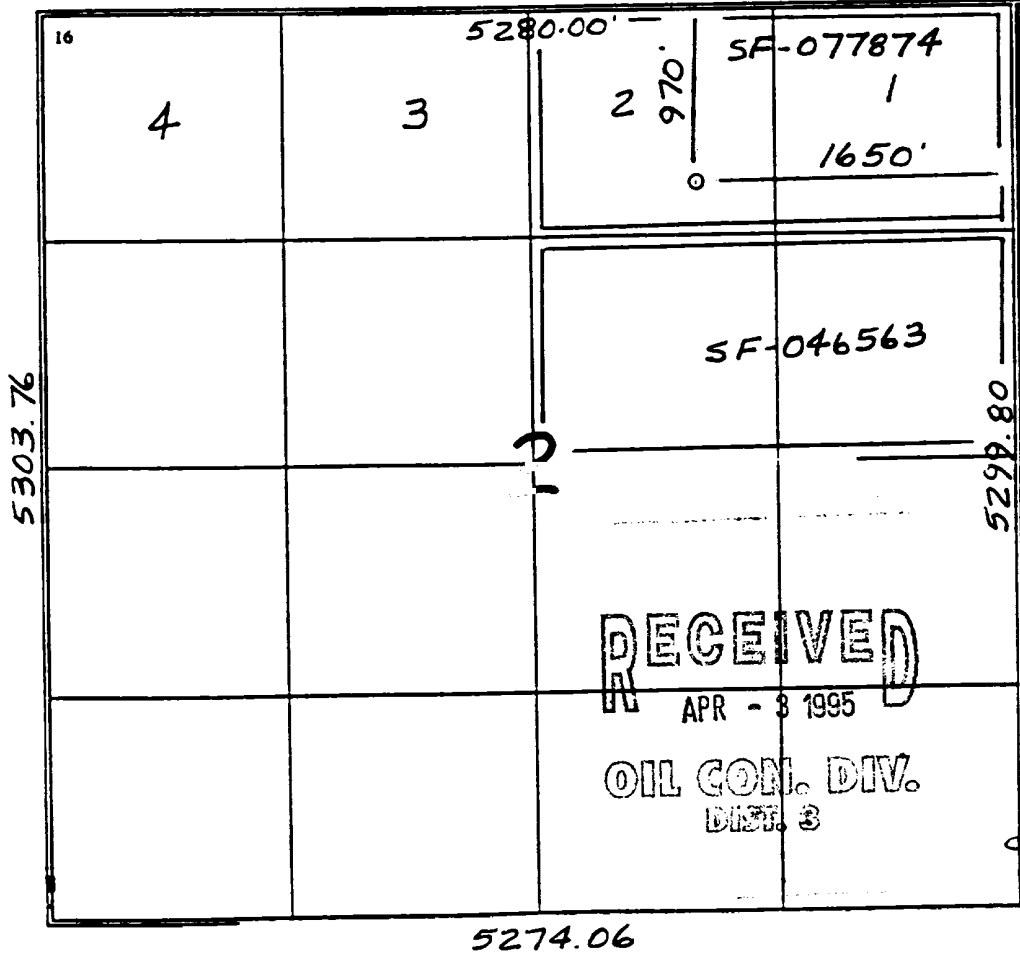
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	2	27 N	10 W		970	North	1650	East	S.J.

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

W.S. Smithwick
Printed Name

Drilling Superintendent
Title

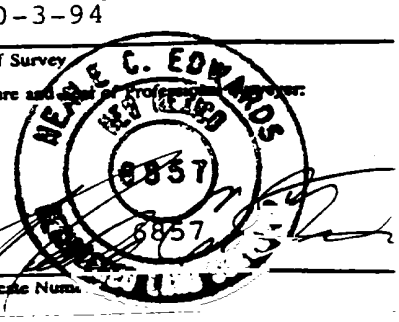
3-29-95
Date

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

10-3-94
Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Num. 6857

FEASEL #2R

NE/4 Section 2 T27N R10W

Recommended Completion Procedure

1. Test rig anchors and repair if necessary. Install 2-400 bbl frac tanks on location and fill with 1% KCl water. Filter all water to 25 microns. Heat water as required by weather.

2. MOL and RU. Comply to all NMOCD, BLM and MOI rules and regulations. Hold safety meeting. ND wellhead. NU BOP. Test operation of rams. NU two relief lines.

3. TIH with 2-3/8" tubing, 4-1/2" casing scraper and 3-7/8" bit and clean out to 1998'. Load hole with 1% KCl water. Spot 200 gallons of 7-1/2% HCl across the perf area. TOOH.

4. RU and RIH with CNL-CCL-GR and log from 1998' to surface. TOOH.

5. Run CBL from 1998' to surface. If CBL appears inadequate, re-run log with 500 psi surface pressure. If bond still appears unacceptable, contact production engineering. Send copy of CBL to production engineering and drilling.

6. TIH with 4-1/2" fullbore packer on 2 joints of 2-3/8" tubing. Load hole with 1% KCl water and test casing to **3800 psi** for 15 minutes. Equalize pressure and unseat packer. TOOH.

***** PICTURED CLIFFS *****

7. RU wireline and perforate the following Pictured Cliffs interval with a Conventional 3-1/8" HSC with 10.0 gram charges, 0.30 holes at 1 SPF (correlate depths to CNL-CCL-GR log). Perforate top down.

1912'	1942'	1968'	1998'
1918'	1948'	1980'	
1924'	1954'	1984'	
1930'	1958'	1988'	
1936'	1962'	1992'	

Total: 16 holes - 68 feet.

8. TIH with 4-1/2" full bore packer on 2-7/8" tubing and set at 60'. RU stimulation company and prepare to breakdown and balloff with acid. Pump 1600 gal. of 15% HCl at 7-8 bbl/min. Drop a total of 32 7/8" 1.3 sp. gr. RCN ball sealers spaced evenly throughout the job. Record injection rate and all breakdown pressures throughout job. **Maximum pressure is 3800 psi.** Acid should contain clay stabilizer, corrosion inhibitor, and iron sequestering agent. TOOH with tubing and packer.

9. RU wireline. RIH with junk basket and retrieve ball sealers. Record number of hits and balls recovered.

10. TIH with 4-1/2" fullbore packer on 2 joints of 2-7/8" tubing and set at 60'.

11. RU stimulation company. Hold safety meeting. Pressure test surface lines to 4800 psi (1000 psi over maximum allowable treating pressure but no greater than working pressure of surface lines).. Fracture treat Pictured Cliffs according to attached schedule with 70Q foam and 20# gel at 30 BPM with 130,000#'s of 20/40 mesh Arizona. **Maximum treating pressure is 3800 psi. Stimulation will be limited entry (approximately 2.0 bpm/perf) and 25% pad volume.** Flush with 29 bbls of 1% KCl water. Shut-in well immediately after stimulating well to keep in static condition.

12. SI well for 2 hours for gel break.

13. After gel break, open well through choke manifold and monitor flow. Flow at 20 bbls/hr. or less if sand is observed.

14. When well ceases to flow, TOOH with 2-7/8" tubing and packer.

15. TIH with 2-3/8" tubing and notched collar and clean out to 1998'. **Take Pitot gauge.** TOOH.

***** KIRTLAND SAND *****

16. TIH and mechanically set 4-1/2" CIBP at 1300'. Load hole with 1% KCl water. Spot 100 gallons of 7-1/2% HCl across the perf area. TOOH.

17. TIH with 4-1/2" fullbore packer on 2 joints of 2-3/8" tubing. and test RBP and casing to **3800 psi** for 15 minutes. Equalize pressure and unseat packer. TOOH.

18. RU wireline and perforate the following coal interval with a Conventional 3-1/8" HSC with 10.0 gram charges, 0.30 holes at 2 SPF (correlate depths to CNL-CCL-GR log).

1194' - 1204'

Total: 20 holes - 10 feet.

19. TIH with 4-1/2" fullbore packer on 2 joints of 2-7/8" tubing and set at 60'.

20. RU stimulation company. Hold safety meeting. Pressure test surface lines to 4800 psi (1000 psi over maximum allowable treating pressure but no greater than working pressure of surface lines).. Fracture treat Kirtland Sand according to attached schedule with 70Q foam and 20# gel at 20 BPM with 30,000#'s of 20/40 mesh Arizona. **Maximum treating pressure is 3800 psi. Stimulation will be limited entry (approximately 2.0 bpm/perf) and 25% pad volume.** Flush with 17 bbls of 1% KCl water. Shut-in well immediately after stimulating well to keep in static condition.

21. SI well for 2 hours for gel break.

22. After gel break, open well through choke manifold and monitor flow. Flow at 20 bbls/hr, or less if sand is observed.

23. When well ceases to flow, TOOH with 2-7/8" tubing and packer.

24. TIH with 2-3/8" tubing and notched collar and clean out Kirtland Sand (top of CIBP is at 1300'), until sand flow stops. **Take Pitot gauge.** TOOH.

25. TIH with 1170' of 2-3/8" tubing with standard seating nipple one joint off bottom and pump-off plug on bottom. Land tubing string.

26. ND BOP and NU wellhead. Pump off plug. **Take final Pitot gauge.** Rig down and release rig.

Approve
Team Leader

Approve:
Drilling Superintendent

VENDORS:

Wireline:	Petro	325-6669
Fracturing:	Dowell	325-5096
Production Engineer	Office	326-9703
	Home	326-2381

LJB