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**
   920'FNL, 1530'FWL, Sec.13, T-30-N, R-11-W, NMPM

5. **Lease Number**
   SF-078144
6. **If Indian, All. or Tribe Name**
7. **Unit Agreement Name**
8. **Well Name & Number**
   Hampton #5
9. **API Well No.**
   30-045-23370
10. **Field and Pool**
    Blanco Mesaverde
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	___ 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	
	_X_ Other - Pay add		

13. **Describe Proposed or Completed Operations**

It is intended to add pay to the Mesaverde formation of the subject well according to the attached procedure.

RECEIVED
DEC 1 1 1995
OIL CON. DIV.
DIST. 3

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

Signed [signature] (KKK2) Title Regulatory Administrator Date 11/30/95

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

APPROVED
DEC 04 1995
DISTRICT MANAGER

NMOCD

HAMPTON #5
Recommend Recompletion Procedure
NE/NW Section 13 T30N R11W
Lat. 36.816498 Long. 107.945862

1. Test rig anchors and repair if necessary. Install 8-400 bbl frac tanks on location and fill with 1% KCl water for fracture treatment. 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. TOOH with 4800' of 2-3/8" tubing and Baker A-3" Lok-Set Type Packer with an on-off tool, which is set a 4305'. The packer can be released by pulling 3 points over the string weight and rotating a minimum of 4 turns to the right. Check wellbore diagram for configuration. Visually inspect for and replace all bad joints.

4. TIH on 2-3/8" tubing with 7" casing scraper and 6-1/4" bit. Clean out to top of liner hanger at 2547'. TOOH.

5. TIH with 2-3/8" tubing with 4-1/2" casing scraper and 3-7/8" bit. Clean out 4-1/2" liner from 2547' to PBTD at 5035' with air.

6. Blow to pit until sand production is minimal to absent. When well is clean, take 15, 30, 45 and 60 minute pitot gauges. TOOH.

7. RU Schlumberger and run Automatic Diverter Gradio - Temperature log from 5035' to 4000'. Run tool only if well is flowing.

8. TIH with 2-3/8" tubing, 4-1/2" EA Retrieveomatic Packer and Model G bridge plug. Set BP at 4240' and pull up hole to 4100' and set packer. Test bridge plug and casing to 1000 psi for 15 minutes. Release packer and BP. Set BP at 4630' and pull up hole to 4290' and set packer. Test bridge plug and casing to 1000 psi for 15 minutes. Release packer and BP. Set BP at 4750'. Pull one stand of tubing and test bridge plug and casing to 3000 psi for 15 minutes. If pressure test does not hold, isolate casing failure with packer and tubing. Contact Production Engineering and a casing repair procedure will be provided. Run dump bailer and dump 2 sxs sand on of the RBP. Load hole with 1% KCl water. TOOH.

9. RU wireline and attempt to run CBL/CCL/GR from 4750' to 2750'.

***** Lower Menefee *****

10. Perforate with 3-1/8" Conventional HSC with centralizers and charges meeting requirements for average penetration in Berea of 12.0" and average perf diameter of 0.32". Perforate the following Lower Menefee intervals with 1 spf. Perforate from the top down using centralizers.

4465'	4524'	4568'	4656	4668'
4469'	4539'	4648'	4660'	4671'
4502'	4553'	4652'	4664'	4675'

Total: 15 holes.

11. TIH with 4-1/2" EA Retrievomatic Packer on 2-3/8" tubing and set at 4310'. RU stimulation company and prepare to breakdown and balloff with acid. Pump 1075 gal. of 15% HCl at 15 bbls/min. and slow rate down to 6 bbls/min. prior to balls hitting. Drop a total of 30 7/8" 1.3 sp. gr. RCN ball sealers spaced evenly throughout the acid job. Record injection rate and all breakdown pressures throughout job. **Maximum pressure is 3000 psi.** Acid should contain clay stabilizer, corrosion inhibitor, and iron sequestering agent. TOOH.

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

13. TIH with F nipple, blanking plug, a 4-1/2" FH packer, 120' of 2-3/8" N-80 tubing, a 4-1/2" FH packer, 100' of 2-3/8" N-80 tubing and a crossover to 4090' of 2-7/8" N-80 buttress frac string to surface. Lower packer will be set at 4310' and the upper packer set at 4190' by pumping 1% KCl water down the tubing. Wireline company will retrieve blanking plug.

14. RU stimulation company. Hold safety meeting. Pressure test surface lines to 6000 psi. **Maximum treating pressure is 6000 psi at 30 bpm. If the rate is reduce, the maximum surface pressure is also reduced due loss in friction pressure.** Fracture Lower Menefee according to attached procedure. **Stimulation will be with slickwater and 86,000 lbs. of 20/40 Arizona sand with maximum sand concentration of 2.5 ppg, a rate of 30 bbls/min. and 25% pad volume.** Flush to the top perf. Shut-in well immediately after stimulating well to keep in static condition. Release packers by pulling straight up on the tubing and TOOH.

15. Wireline set 4-1/2" RBP at 4460'. TIH with 4-1/2" EA Retrievomatic Packer on 2-3/8" tubing and set at 4300'. Test bridge plug and casing to 3000 psi for 15 minutes. Pull packer up to 4240' and test the back side to 3000 psi for 15 minutes. Release packer and TOOH. Run dump bailer and dump 2 sxs sand on top of the RBP.

***** Upper Menefee *****

16. Perforate with 3-1/8" Conventional HSC with centralizers and charges meeting requirements for average penetration in Berea of 12.0" and average perf diameter of 0.32". Perf the following Upper Menefee intervals with 1 spf. Perforate from the top down using centralizers.

4162' - 4168'	(6)	4323' - 4324'	(1)
4187' - 4190'	(3)	4368' - 4370'	(2)
4208' - 4211'	(3)	4429 - 4431'	(2)
4251' - 4271'	(20)	4436' - 4443'	(7)
4313' - 4315'	(2)		

Total: 46 holes.

17. TIH with 4-1/2" EA Retrievomatic Packer on 2-7/8" tubing and set at 60' only if casing tested. If casing squeeze was required, TIH to below squeeze hole with 4-1/2" or 7" packer and 2-3/8" tubing. RU stimulation company and prepare to breakdown and balloff with acid. Pump 1150 gal. of 15% HCl at 27 bbls/min. and slow rate down to 10 bbls/min. prior to ball hitting. Drop a total of 69 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 3000 psi.** Acid should contain clay stabilizer, corrosion inhibitor, and iron sequestering agent. Release packer and TOOH.

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

19. TIH with 4-1/2" EA Retrievomatic Packer on 2-7/8" tubing and set at 60' only if casing tested. If casing squeeze was required, TIH to below squeeze hole with 4-1/2" or 7" packer, 300' of 2-7/8" tubing and 3-1/2" frac string. RU stimulation company. RU stimulation company. Hold safety meeting. Pressure test surface lines to 4000 psi (1000 psi over maximum allowable treating pressure but no greater than working pressure of surface lines). **Maximum treating pressure is 3000 psi.** The maximun treating pressure will increase if we are required to frac down tubing. Fracture Upper Menefee according to attached procedure. **Stimulation will be with slickwater and 92,000 lbs. of 20/40 Arizona sand with maximum sand concentration of 2.5 ppg, a rate of 70 bbls/min. and 25% pad volume.** Flush to the top perf. Shut-in well immediately after stimulating well to keep in static condition. Release packers by pulling straight up on the tubing and TOOH.

20. Flow back well (if needed) until returns diminish. TIH with retrieving head and 2-3/8" tubing and clean out to RBP at 4460' until sand returns and water production are minimal. Obtain pitot gauges. Release bridge plug and TOOH.

21. Flow back well (if needed) until returns diminish. TIH with retrieving head and 2-3/8" tubing and clean out to Model "G" BP at 4750' until sand returns and water production are minimal. Obtain pitot gauges. Release bridge plug and TOOH.

22. TIH with notched collar on 2-3/8" tubing and clean out to PBTD at 5035' until sand returns and water production are minimal. Obtain pitot gauges. TOOH.

23. TIH with 4820' of 2-3/8" tubing with standard seating nipple and one joint with expendable check on bottom. Tag fill and do final cleanout if necessary. Land tubing string.

24. ND BOP and NU independent wellhead. Pump off plug. **Take final Pitot gauge and gas, oil and water samples.**

25. Rig down and release rig.

Approve: _____ Approve: _____
Team Leader Drilling Superintendent

Wireline:	Schlumberger	
Fracturing:	To be determined at later date	
Production Engineer:	Office	326-9703
	Home	326-2381

LJB:ljb
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Pertinent Data Sheet - Hampton #5

Location: 920' FNL & 1530' FWL, Unit C, Section 13, T30N, R11W, San Juan County, New Mexico

Field: Blanco Mesaverde **Elevation:** 5983' GR **TD:** 5053' **PBTD:** 5035'

Completed: 5-16-79 **Spud Date:** 4-25-79 **DP #:** 27154

Casing Record:

Hole Size	Csg Size	Wt. & Grade	Depth Set	Cement (Top)
12-1/4"	9-5/8"	36.0# K-55	231'	135 sxs (surface)
8-3/4"	7"	20.0# K-55	2708'	259 sxs
	4-1/2" liner	10.5# K-55	2547'-5047'	303 sacks

Liner Hanger top @ 2547'

Cement:

Surface: 135 sacks Class "B" with 1/4# Flocele/sack and 3% CaCl2. Circ to Surface.

7" Casing: Cemented w/209 sacks 50/50 POZ Class "B" with 6% gel, followed by 50 sacks Class "B" cement w/ 2% CaCl2.

4-1/2" Liner: 303 sks 50/50 POZ Class "B" with 6% gel, 1/4# Flocele per sack and .6% Halad-9.

Tubing Record:

Tbg. Size	Wt. & Grade	Depth Set
2-3/8"	4.70# J-55 EUE	4800'

with anchor joint, seating nipple, tail pipe and Lok-Set Packer set at 4305'

Formation Tops:

Ojo Alamo:	1063'
Fruitland:	2083'
Pictured Cliffs:	2458'
Cliff House:	4035'
Point Lookout:	4775'

Logging Record: GR-Induction, GR-Sensity and GR-Correlation

Stimulation: PERF: 4253'-4851' Frac'd w/ 111,342 gals fresh water and 90,000# 20/40 sand

Workover History: 5/30/81 Set Loc-Set "A-3" Packer at 4305' and tubing set at 4800' seating nipple at 4772'