

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 &amp; Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

## 4. Location of Well, Footage, Sec., T, R, M

750' FSL, 2320' FWL, Sec. 3, T-27-N, R-9-W, NMPM

## 5. Lease Number

SF-078050

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

## 7. Unit Agreement Name

## 8. Well Name &amp; Number

Hughes #10

## 9. API Well No.

30-045-06763

## 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

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment

## Type of Action

☐ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☒ Other - Sidetrack workover☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection

## 13. Describe Proposed or Completed Operations

*re ports & frac*  
It is intended to ~~sidetrack~~ the subject well according to the attached procedure and wellbore diagram.

RECEIVED  
AUG 30 1995

OIL CON. DIV.  
DIST. 2

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

Signed [Signature] (PMP1) Title Regulatory Administrator Date 8/16/95

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED

AUG 28 1995  
[Signature]  
DISTRICT MANAGER

NMOCD

HUGHES #10 MV  
Workover Procedure  
N 3 27 9  
San Juan County, N.M.  
Lat-Long: 36.598816 - 107.775574

1. MI wireline truck. Run CBL from PBTD to 200' above clean TOC & correlate to open hole logs. Install 6000# frac valve on 3-1/2" csg to protect wellhead & pressure test 3-1/2" csg to 4000 psi.
2. Perf MV w/ about 35-0.28" holes picked by production Engineering Dept. Perf w/2-1/8" SHOGUN SDP STP-2125-401NT 14 gr charges which make a 0.27" hole & 21.8" of penetration in concrete.
3. Breakdown & attempt to balloff w/2000 gal 15% HCL acid & 150% excess 7/8" 1.3 sp gr RCN perf balls. Acidize @ 7 BPM w/max pressure = 4000 psi. Run 3-1/2" junk basket to knock off & retrieve balls.
4. Spot & fill 14-400 bbl. frac tanks w/1% KCL water. Filter all water to 25 microns. Thirteen tanks are for frac & one tank is for breakdown water. Usable water required for frac is 4564 bbls.
5. Frac MV down 3-1/2" csg w/190,000 gals. of slick water & 150,000# 20/40 Arizona sand. Pump at 45 BPM. Sand to be tagged w/ 0.4 mCi/1000# Ir-192 tracer. Max. pressure is 4000 psi & estimated treating pressure is 3500 psi. Treat per the following schedule:

<u>Stage</u>	<u>Fluid Vol. (Gals.)</u>	<u>Sand Vol. (lbs.)</u>
Pad	40,000	---
0.5 ppg	30,000	15,000
1.0 ppg	90,000	90,000
1.5 ppg	30,000	45,000
Flush	<u>(1,680)</u>	<u>0</u>
Totals	190,000	150,000#

If well is on vacuum near end of frac job, cut flush as necessary to avoid overflushing & slow rate during flush. Frac with the following additives per 1000 gal frac fluid.

- \* 3/4 Gal - FR-30 (Friction Reducer)
- \* 1.0 gal. Flowback 20 (Surfactant)
- \* 0.38# - Fracide (Bactericide)

6. Change out frac valve w/ wellhead & BOPs. TIH w/notched collar on 1-1/4" tbg & C.O. MV w/air/mist to PBTD. Take pitot gauges when possible.
7. When wellbore is sufficiently clean, TOH & run after frac gamma-ray log from PBTD'-4000'.
8. TIH w/1-1/4" 2.33# 1J tbg w/standard seating nipple one joint off bottom & again cleanout to PBTD'. Use expendable check if necessary. When wellbore is sufficiently clean, land tbg @ 4600' KB. Take final water & gas samples & rates.

9. ND BOP & NU wellhead & tree. Rig down & release rig.

Approve: \_\_\_\_\_  
Drilling Superintendent

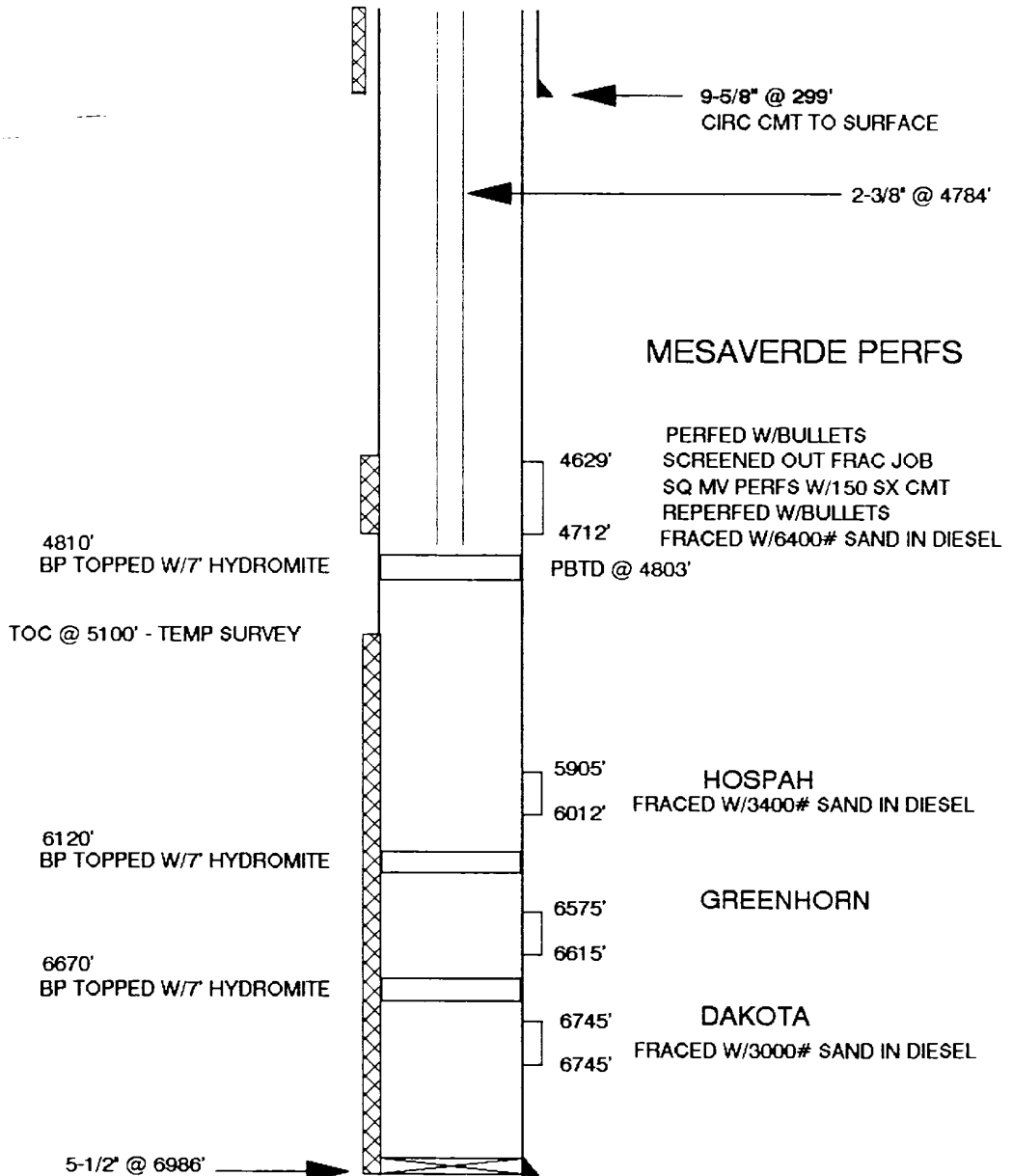
VENDORS:

Wireline	Basin	327-5244
Fracturing:	Western	327-6222
RA Tagging:	Pro-Technics	326-7133
Cmt	Howco	325-3575

PMP

# HUGHES #10 MV

UNIT N SECTION 3 T27N R9W  
SAN JUAN COUNTY, NEW MEXICO



### Pertinent Data Sheet - HUGHES #10 MV

**Location:** 750 FSL & 2320' FWL, Unit N, Section 3, T27N, R09W, San Juan County, New Mexico

**Field:** Blanco Mesaverde      **Elevation:** 6263' GL  
11' KB

**TD:** 6986'  
**PBTD:** 4803'

**Completed: 2-19-55    Spud Date: 1-13-55**

**DP #:** 53676A  
**Lease:** Fed SF 078050  
**GWl:** 100%  
**NRI:** 75.00%  
**Prop#:** 012633000

**Initial Potential:**

MV: MCF/D 1100 PSI  
DK: 776 MCF/D - 1800 PSI

**Casing Record:**

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Cement (Top)</u>
13-3/4"	9-5/8"	36# H-40	299'	170 sx.	Circ Cmt
8-3/4"	5-1/2"	15.5-17# J-55	6986'	1400 sx. *	5140' Temp Surv.
* Lost Circ 7 Times During Cmt Job					

**Tubing Record:**

<u>Tbg. Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>
2-3/8"	4.7# J-55	4784'

### Formation Tops:

Ojo Alamo:	1403	Cliffhouse	3987'
Kirtland Shale:	1520'	Point Lookout	4600'
Fruitland:	2137'	Greenhorn	6566'
Pictured Cliffs:	2366'	Dakota	6630'

**Logging Record:** E-Log, Microlog, GRN Log. Took 7 DSTs & 4 sidewall cores.

**Stimulation:** Perfed @ 6745', 6615', 6605', 6595', 6585', 6575', 6012', 5963', 5905' & Swabbed.  
 Perfed DK w/4 bullets/ft @ 6740'-56' & Swabbed & acidized & Swabbed.  
 Set BP & swabbed Hospah @ 5905', 5963', 6012'. Pumped 3400# sand in diesel oil.  
 Fraced DK 6740'-56' down frac string w/3000# sand in diesel oil & IP tested.  
 Perfed MV @ 4629'-43', 4645'-54', 4670'-80', 4685'-88', 4694'-4703', 4708'-12' w/4 bullets /ft. Screened out (1000# sand) MV frac job. Sq mv perms w/150 sx cmt. Reperfed MV w/4 bullets/ft & fraced w/6,400# sand in diesel oil. Completed as a dual MV/DK.

**Workover History:** 2-10-59: TOH w/pkr & tbq. Set BP @ 6670' & 6120', & 4810' w/7' Hydromite above each plug. TIH w/MV tbq & completed as single MV.

**Production history:** Current Capacity = 26 MCF/D. Cumulative = 1,071 MMCF & 4620 BO.

**Pipeline: EPNG**