

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
1450' FNL, 1720' FEL, Sec.10, T-25-N, R-10-W, NMPM

- 5. Lease Number
SF-078124
- 6. If Indian, All. or
Tribe Name
- 7. Unit Agreement Name
- 8. Well Name & Number
Huerfano Unit #288
- 9. API Well No.
30-045-29168
- 10. Field and Pool
Basin Dakota
- 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	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input 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 checked="" type="checkbox"/> Other - Restimulate	

13. Describe Proposed or Completed Operations
It is intended to restimulate the subject well according to the attached procedure and wellbore diagram.

RECEIVED
AUG 23 1995
OIL CON. DIV.
BML 8

14. I hereby certify that the foregoing is true and correct.
Signed [Signature] (PMP1) Title Regulatory Administrator Date 8/14/95

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

Date
APPROVED
AUG 17 1995
/s/ Ken Townsend
DISTRICT MANAGER

HUERFANO UNIT #288 DK
Workover Procedure
G 10 25 10
San Juan County, N.M.
Lat-Long: 36.418777 - 107.880310

1. Comply to all NMOCD, BLM, & MOI rules & regulations. MOL and RU completion rig. NU 6" 900 series BOP w/flow tee and stripping head. NU blooie line & 2-7/8" relief line.
2. TOH w/1" & 7/8" rods & insert pump. TOH w/2-7/8" tbg (w/tbg anchor).
3. Spot and fill 4-400 bbl. frac tanks w/1% KCL water. Filter all water to 25 microns. Three tanks are for gel & one tank for breakdown water. Usable water required for frac is 809 bbls.
4. Run 4-1/2" pkr on 2 jts 2-7/8" N-80 tbg w/shaved collars to protect wellhead. Fracture treat DK down 4-1/2" csg w/109,000 gals. of 70 quality foam using 30# gel as the base fluid & 210,000# 20/40 Brady sand. Pump at 60 BPM. Monitor bottomhole & surface treating pressures, rate, foam quality, & sand concentration with computer van. Sand to be tagged w/ 0.4 mCi/1000# Ir-192 tracer. Max. pressure is 6000 psi & estimated treating pressure is 5000 psi. Treat per the following schedule:

<u>Stage</u>	<u>Foam Vol. (Gals.)</u>	<u>Gel Vol. (Gals.)</u>	<u>Sand Vol. (lbs.)</u>
Pad	35,000	10,500	---
1.0 ppg	10,000	3,000	10,000
2.0 ppg	20,000	6,000	40,000
3.0 ppg	20,000	6,000	60,000
4.0 ppg	20,000	6,000	80,000
5.0 ppg	4,000	1,200	20,000
Flush	<u>(4,218)</u>	<u>(1265)</u>	<u>0</u>
Totals	109,000	32,700	210,000#

Shut well in after frac for six hours in an attempt to allow the gel to break. Treat frac fluid w/the following additives per 1000 gallons:

- * 30# J-48 (Guar Gel mix in full tank - 16,000 gal)
- * 1.0 gal. Aqua Flow (Non-ionic Surfactant mix in full tank)
- * 1.0# GVW-3 (Enzyme Breaker mix on fly)
- * 1.0# B - 5 (Breaker mix on fly)
- * 5.0 gal Fracfoam I (Foamer mix on fly)
- * 0.38# FracCide 20 (Bacteriacide mix on full tank)

5. Open well through choke manifold & monitor flow. Flow @ 20 bbl/hr, or less if sand is observed. **Take pitot gauges when possible.**
6. Release pkr & TOH. TIH w/3-7/8" bit on 2-7/8" tbg & clean out to 6550' w/air/mist.
7. Monitor gas & water returns & **take pitot gauges when possible.**
8. When wellbore is sufficiently clean, **Take final water & gas samples & rates.** TOH & run after frac gamma-ray log from 6550'-6200'.

HUERFANO UNIT #288 DK - FRAC EXISTING DAKOTA WELL

9. TIH w/2-3/8" production tbg (as pulled from well) & land @ 6474' KB. Run insert pump & 7/8" & 1" rods.
10. ND BOP & NU wellhead & tree. Rig down & release rig.

Approve: _____
Drilling Superintendent

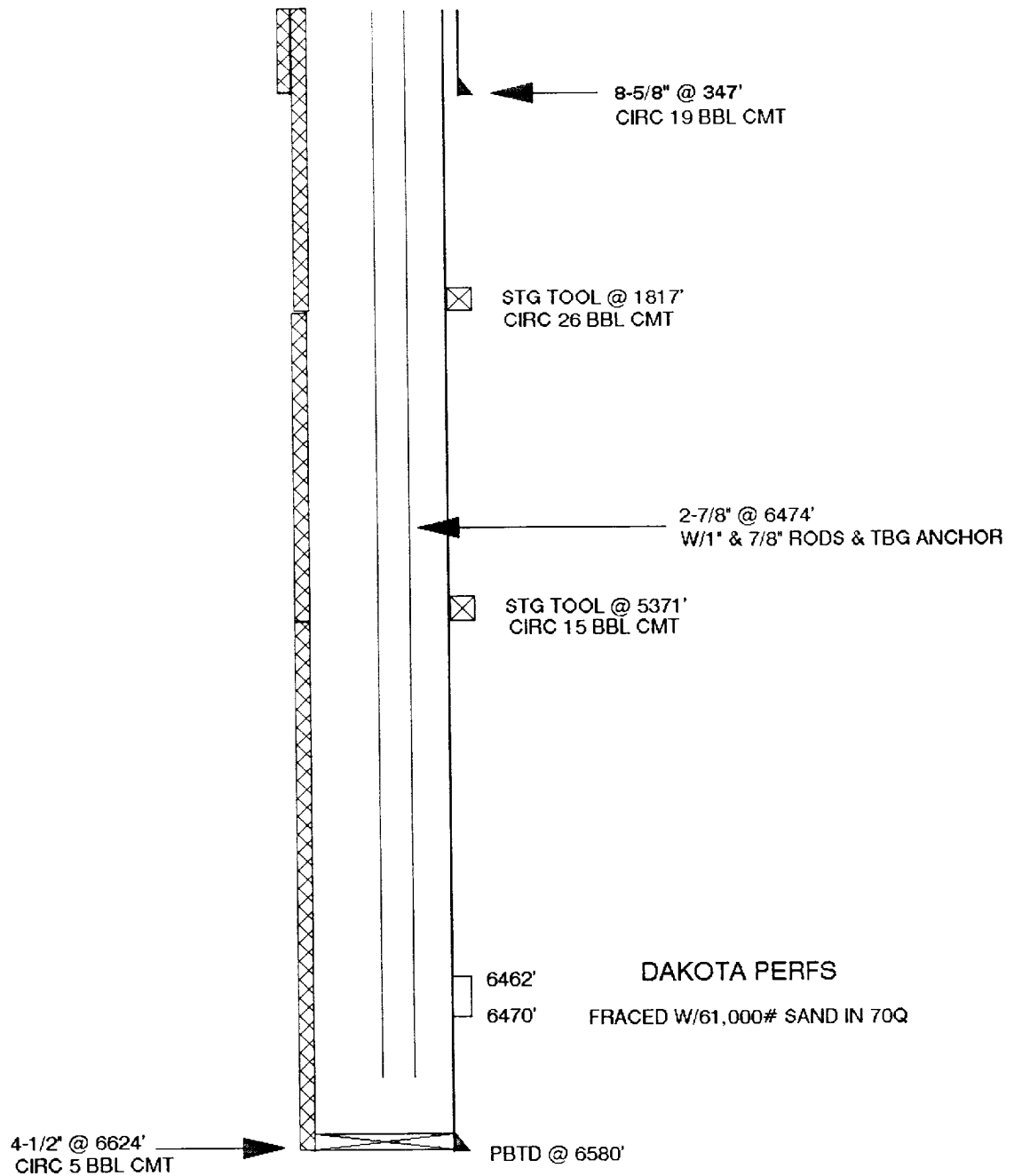
VENDORS:

Wireline:	Basin	327-5244
Fracturing:	Western	327-6222
RA Tagging:	Pro-Technics	326-7133
Packers:	Schlum.	325-5006

PMP

HUERFANO UNIT #288 DK

UNIT G SECTION 10 T25N R10W
SAN JUAN COUNTY, NEW MEXICO



CALI

HUERFANO UNIT * 288 DK
G 10 25 10

AT 90

6400

6500

Pertinent Data Sheet - HUERFANO UNIT #288 DK

Location: 1450' FNL & 1720' FEL, Unit G Section 10, T25N, R10W, San Juan County, New Mexico

Field: Basin Dakota

Elevation: 6689' GL
13' KB

TD: 6624'
PBTD: 6580'

Completed: 1/4/95

Spud Date: 9/18/94

DP #: 43066A
Lease: Fed: SF 078124
GWl: 100%
NRI: 78.125%
Prop#: 007970903

Initial Potential: Initial Gauge = TSTM SIBHP=1978 psi @ 6400'

Casing Record:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Cement (Top)</u>
12-1/4"	8-5/8"	24# K-55	347'	301 cf.	Circ 19 Bbl Cmt
7/7-8"	4-1/2"	11.6# N-80	6624'	413 cf.	Circ 5 Bbl Cmt
		Stage Tool @	5371'	1474 cf	Circ 15 Bbl Cmt
		Stage Tool @	1817'	714 cf	Circ 26 Bbl Cmt
		Marker Jt @	6554'		

Tubing Record:

<u>Tbg. Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	
2-7/8"	6.5# J-55	6474'	w/slimhole couplings
	1" & 7/8" rods		

Formation Tops:

Ojo Alamo:	1013'
Kirtland Shale:	1150'
Fruitland:	1778'
Pictured Cliffs:	1922'
Mesaverde	3477'
Gallup	5423'
Dakota	6460'

Logging Record: Induction, Neutron Density, CBL, After frac GR, & Core: 6460'-6520'

Stimulation: Perfed DK @ 6462'-70' w/4 spf & fraced w/61,000# sand in 70Q foam. After frac log showed sand went down to "wet" interval. Total 32-0.48" holes.

Workover History: 2/24/95: TOH w/2-3/8" tbg. TIH w/2-7/8" tbg (w/slimhole couplings), & set tbg w/anchor @ 6401'. Ran 1" & 7/8" rods & started pumping unit on 2/27/95.

3/31/95: MIRU. Checked for fill - none. Lowered tbg & landed @ 6474' w/tbg anchor. Ran rods & put well back on pumping unit.

Production History: DK 1st delivered 4/13/95. Started pumping unit 2/27/95. Utilized wellhead compressor during April & May 1995. Shut down pumping unit & compressor on 5/25/95 due to low stablized production of only 70 MCF/D & 75 BWPD. Fluid level shots indicated that the well was pumped down. Well made 25 MCF/D & 75 BWPD without the compressor. Well is currently shut-in pending evaluation.

Pipeline: EPNG