Sundry Notices and Reports on Wells

1. **Type of Well**
   GAS

API # (assigned by OCD)
30-045-07831

5. **Lease Number**
   Fee
6. **State Oil&Gas Lease #**
7. **Lease Name/Unit Name**
   Mangum SRC
8. **Well No.**
   5
9. **Pool Name or Wildcat**
   Basin Dakota
10. **Elevation:** 5402 GR

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**
   1850'FSL, 890'FEL, Sec.29, T-29-N, R-11-W, NMPM, San Juan County

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 - Bradenhead repair	

13. **Describe Proposed or Completed Operations**

It is intended to repair the bradenhead of the subject well according to the attached procedure and wellbore diagram.

RECEIVED
JAN 31 1996
OIL CON. DIV.
DIST. 3

SIGNATURE [signature] (VGW2) Regulatory Administrator January 26, 1996

(This space for State Use)

Approved by Johnny Robinson **Title** DEPUTY OIL & GAS INSPECTOR, DIST. #3 **Date** JAN 31 19

* Notify OCD in time to witness

WORKOVER PROCEDURE - BRADENHEAD REPAIR

MANGUM #5
Basin Dakota
Sec. 29, T29N, R11W
San Juan Co., New Mexico
DPNO 48231

1. Comply to all NMOCD, BLM, and MOI regulations. Conduct daily safety meetings for all personnel on location.

2. Test location rig anchors and repair if necessary. Prepare blow pit. MOL and RU daylight pulling unit. Install a 400 bbl frac tank and an atmospheric blow tank. NU blooie line to blow pit, and relief line to atmospheric tank. Fill frac tank with 2% KCl water.

3. Rig up wireline and check tubing for plunger lift equipment or other obstructions. Blow down tubing (189 jts of 2 3/8", 4.7# set at 5946') to atmospheric tank. Control well with 2% KCl water as needed. ND wellhead and NU BOP's. Test and record operation of BOP's. Send wellhead to A-1 Machine or WSI for inspection.

4. TIH with tubing and tag fill. Record depth. PU on tubing and strap out of hole. Visually inspect tubing, and replace joints that are in bad condition. Note any buildup of scale, and notify Operations Engineer.

5. PU 3 7/8" bit, casing scraper (4 1/2", 9.5 and 11.6 ppf), and CO to below perfs. POOH and PU 4 1/2" RBP. TIH and set RBP at 5850'. Pressure test casing to 1000 psig. Spot one sack of sand on top of RBP. POOH.

6. RU wireline unit. Run CBL (with 1000 psig pressure) from DV tool at 1688' to surface. TOC @ 468' per temperature survey. Contact Operations Engineer for design of squeeze cement.

7. Perforate 4 squeeze holes as close to TOC as possible. TIH with 4 1/2" fullbore packer and set 250' above perforations. (If perforating at very shallow depth, do not pick up packer, but hang off one joint of tubing in pipe rams.) Establish rate into perforations with bradenhead valve open. Max pressure 1000 psig.

8. Mix and pump cement. If circulation to surface has been established, pump with turbulent flow behind pipe. Displace cement to packer. Squeeze cement into perforations. Maintain squeeze pressure and WOC 12 hours (overnite).

9. Release packer and POOH. TIH with 3 7/8" bit and drill out cement. Pressure test casing to 1000 psig. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure, or to stop fluid flow at surface.

10. TIH with retrieving tool and retrieve RBP. POOH and LD RBP.

11. TIH with production tubing (seating nipple one joint off bottom, and an expendable check on bottom). Rabbit tubing in derrick before running in hole. Tag PBTD, blow well clean, and land tubing at 6060'.

12. ND BOP's and NU wellhead. Pump check from tubing. Obtain final gauge.

13. Release rig.

Recommend: Gaye White 1/25/96
Operations Engineer

Approve: gea 1/25/96
Drilling Superintendent

Contacts: Operations Engineer Gaye White 326-9875

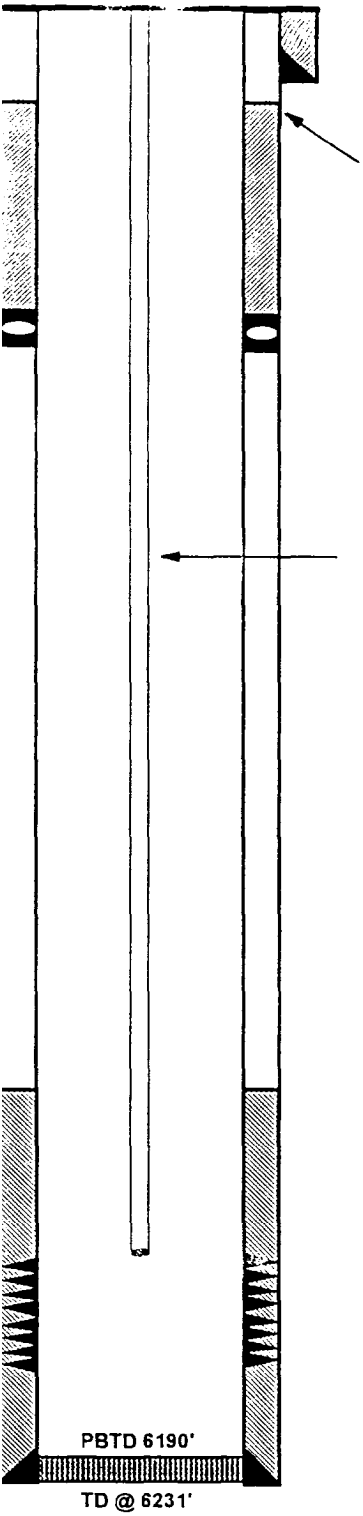
Mangum #5

Current -- 1/23/96

DPNO 46231

Basin Dakota

1850' FSL, 890' FEL
29, T29N, R11W, San Juan County
ıe / Latitude: 108.008377 - 36.694534



8-5/8", 24#, J44 csg. set @ 315'.
Cmt. w/275 sx Neat w/2% $CaCl_2$
TOC @ 10' below GL (5392'). Cmt'd.
w/15 additional sx. to surface.

TOC @ 468' (TS)

Changed 4-1/2" csg. from 11.6# to 9.5# @ 881'.

DV Tool set @ 1688'

2-3/8", 4.7#, J55 tbg. set @ 5946'
(189 jts., 5935') Perf jt. 5913'-16', SN @ 5912'

TOC @ 5220' (TS)

Perfs @ 5956'-64', 5974'-84', 6028'-60' - 4 SPF
Frac'd w/74,177 gal wtr., 50,000# 20/40 sd,
20,000# 10/20 sd.

4-1/2", 11.6# & 9.5# csg. set @ 6231', DV tool @ 1688'
1st Stage: 150 sx 4% gel, 100 sx Neat
2nd Stage: 160 sx 8% gel, 100 sx Neat.

PBTD 6190'

TD @ 6231'

istory:	Gas	Oil
95:	1.9 Bcf	17.8 Mbo
of 11/95	73 Mcf/d	0 bo

Ownership:
GWI: 100.00000%
NWI: 87.12500%
SJBT: 75.00000%

Pipeline:
Williams Field Services