

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

1850'FSL, 900'FWL, Sec.12, T-31-N, R-12-W, NMPM

5. Lease Number

SF-077648

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Davis #10E

9. API Well No.

30-045-24145

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other - Bradenhead repair

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

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

RECEIVED
MAR 2 7 1995
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (LWD4) Title Regulatory Affairs Date 3/14/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

MAR 20 1995

DISTRICT MANAGER

NMOCD

WORKOVER PROCEDURE - BRADENHEAD REPAIR

DAVIS # 10E
Dakota
SW/4 Sec. 12, T31N, R12W
San Juan Co., New Mexico
DPNO 11634

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. Blow down tubing (239 jts. of 2 3/8", 4.7#, EUE, set at 7472') 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 for inspection.
4. 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. RU wireline unit. Run gauge ring inside liner (4 1/2", 11.6 ppf) to PBTD of 7501'. PU 4 1/2" RBP and TIH. Set RBP at 7100'. Pressure test casing to 1000 psig. Spot one sack of sand on top of RBP. POOH.
6. Run CBL (with 1000 psig pressure) to determine TOC behind 7" casing. Estimated TOC is 1900' per temperature survey. Contact Operations Engineer for design of squeeze cement.
7. Perforate 4 squeeze holes 20' above TOC. TIH with 7" fullbore packer and set 150' above perforations. Pressure up casing/tubing annulus to 500 psig. Establish rate into perforations with bradenhead valve open. Max pressure 1000 psig.
8. Mix and pump cement. (If cement circulates to surface, go immediately to tail slurry.) Displace cement to packer. Close bradenhead valve and squeeze 2 to 4 bbl of cement into perforations. Hold squeeze pressure and WOC 12 hours (overnite).
9. Release packer and POOH. TIH with 6 1/8" 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 bradenhead flow. Clean out to 4 1/2" liner top.
10. TIH with retrieving tool and retrieve RBP from 4 1/2" liner. POOH and LD RBP. TIH with 3 7/8" bit and CO to PBTD with air. Blow well clean and gauge production. POOH.
11. TIH with production tubing (seating nipple with pump-out plug one joint off bottom). Land tubing at 7490'.

12. ND BOP's and NU wellhead. Pump plug from tubing. Obtain final gauge.
13. Release rig.

Recommend: _____
Operations Engineer

Approve: PJB
Drilling Superintendent

Contacts:	Cement	Halliburton	325-3575
	Downhole Tools	Baker	325-0216
	Wireline	Blue Jet	325-5584
	Operations Engineer	Larry Dillon	326-9714

PERTINENT DATA SHEET

3/10/95

WELLNAME: Davis #10 E	DP NUMBER: 11634 PROP. NUMBER: 0020263																																								
WELL TYPE: Basin Dakota	ELEVATION: GL: 6257' KB:																																								
LOCATION: 1850' FSL & 900 FWL Sec. 12, T31N, R12W San Juan County, New Mexico	INITIAL POTENTIAL: Pitot 331 INITIAL SICP: 976 psig 10/3/80 CURRENT SICP: 602 psig 3/29/92																																								
OWNERSHIP: <u>DK</u> GWI: 25.0000% NRI: 21.7500% SJB: 75.0000%	DRILLING: SPUD DATE: 8/17/80 COMPLETED: 10/3/80 TOTAL DEPTH: 7509' PBTD: 7501'																																								
CASING RECORD: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>HOLE SIZE</u></th> <th style="text-align: left;"><u>SIZE</u></th> <th style="text-align: left;"><u>WEIGHT</u></th> <th style="text-align: left;"><u>GRADE</u></th> <th style="text-align: left;"><u>DEPTH</u></th> <th style="text-align: left;"><u>EQUIP.</u></th> <th style="text-align: left;"><u>CEMENT</u></th> <th style="text-align: left;"><u>TOC</u></th> </tr> </thead> <tbody> <tr> <td>12 1/4"</td> <td>9 5/8"</td> <td>32.30#</td> <td>H40</td> <td>232'</td> <td>-</td> <td>120 sx</td> <td>Circ to surf.</td> </tr> <tr> <td>8 3/4"</td> <td>7"</td> <td>23#</td> <td>K55</td> <td>5018'</td> <td>Stage tool @ 3033'</td> <td>130 sx 250 sx</td> <td>(TS) 1900'</td> </tr> <tr> <td>6 1/4"</td> <td>4 1/2"</td> <td>11.6 / 10.5#</td> <td>K55</td> <td>7508'</td> <td>Liner Hanger @ 4875'</td> <td>310 sx</td> <td>CBL 6425'</td> </tr> <tr> <td>Tubing</td> <td>2 3/8"</td> <td>4.7#</td> <td>J55</td> <td>7472'</td> <td>239 Jts. EUE</td> <td></td> <td></td> </tr> </tbody> </table>		<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>	12 1/4"	9 5/8"	32.30#	H40	232'	-	120 sx	Circ to surf.	8 3/4"	7"	23#	K55	5018'	Stage tool @ 3033'	130 sx 250 sx	(TS) 1900'	6 1/4"	4 1/2"	11.6 / 10.5#	K55	7508'	Liner Hanger @ 4875'	310 sx	CBL 6425'	Tubing	2 3/8"	4.7#	J55	7472'	239 Jts. EUE		
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LOGGING: GR Induction, GR/Density, CBL, and GR/CCL.																																									
PERFORATIONS Perf'd at 7295', 7301', 7307', 7376', 7383', 7390', 7397', 7404', 7411', 7421', 7442', 7476', 7494'. Total 13 shots.																																									
STIMULATION: DK: 105,000 gal. 30# gel and 58,295# 20/40 sand.																																									
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DAVIS 10 E

Current -- 3/10/95

DPNO 11634

Basin Dakota

1850' FSL, 900' FWL

Sec. 12, T31N, R12W, San Juan Co., NM

Spud: 8-17-80

Completed : 10-3-80

Ojo Alamo @ 1510'

Fruitland @ 2430'

Pictured Cliffs @ 2810'

Cliff House @ 4370

Point Lookout @ 5130'

Gallup @ 6455'

Greenhorn @ 7230'

Graneros @ 7292'

Dakota @ 7370'

9 5/8, 32.30#, H-40 Surface Csg.
set @ 232'. Cmt. to Surface.

TOC @ 1,900' (TS)

DV Tool @ set 3,033'

4 1/2" Liner top @ 4875'.

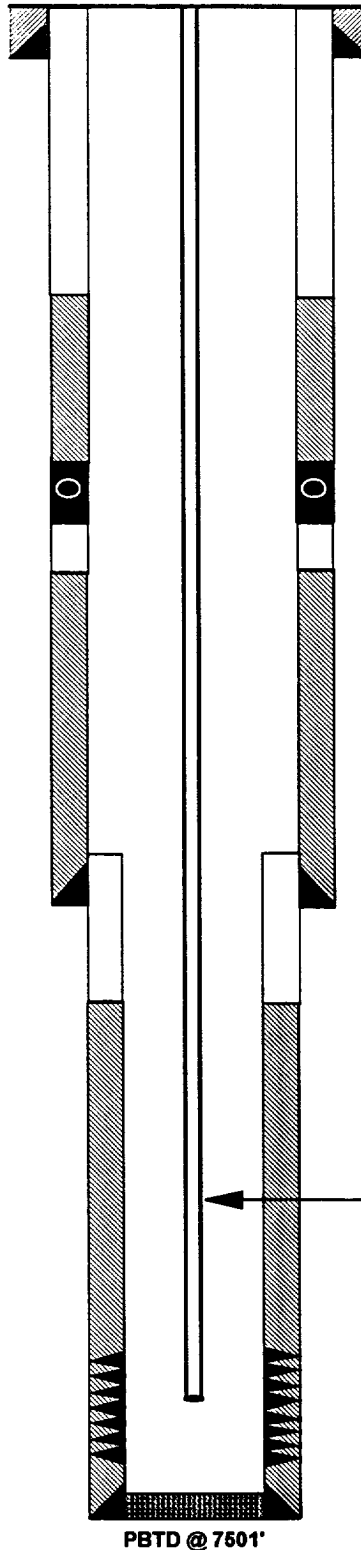
7", 23#, K55 csg set @ 5019'. 1st Stage
130 sx cmt. / 2nd Stage 250 sx cmt.

TOC @ 6425' (CBL)

2 3/8", 4.7#, K55 EUE Tubing
set @ 7472'

13 Holes; Perfs @ 7295', 7301', 7307',
7376', 7383', 7390', 7397', 7404', 7411',
7421', 7442', 7476', 7494.

4 1/2", 11.6# / 10.5#, K55 liner set @
7508', 310 sx cmt.



PBTD @ 7501'

TD @ 7509'