

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
990'FSL, 890'FWL, Sec.22, T-31-N, R-11-W, NMMPM

5. Lease Number
SF-078134...
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Aztec A #1
9. API Well No.
30-045-10467
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

<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 - Bradenhead repair	

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 27 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 _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

MAR 20 1995

NMOCD

DISTRICT MANAGER

WORKOVER PROCEDURE - BRADENHEAD REPAIR

AZTEC A # 1
Mesaverde
SW/4 Sec. 22, T31N, R11W
San Juan Co., New Mexico
DPNO 3730

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 1% KCl water.
3. Blow down tubing (153 jts. of 2 3/8", 4.7 #, EUE set at 4849') to atmospheric tank. Control well with 1% 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 (5 1/2", 15.5 ppf) to PBTD of 4860'. PU 5 1/2" RBP and TIH. Set RBP at 4500'. Pressure test casing to 1000 psig. Spot two sacks of sand on top of RBP.
6. Run CBL (with 1000 psig pressure) to determine TOC behind 7 5/8" casing. Estimated TOC is 3190' per temperature survey. Contact Operations Engineer for design of squeeze cement.
7. Perforate 4 squeeze holes 20' above TOC. TIH with 7 5/8" 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 displacement.) Displace cement to packer. Close bradenhead valve and squeeze 2 to 4 bbl of cement into perforations. Maintain squeeze pressure and WOC 12 hours (overnite).
9. TIH with 6 3/4" 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.
10. TIH with retrieving tool and retrieve RBP from 5 1/2" liner. POOH and LD RBP. TIH with 4 3/4" 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 4845'.

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

Recommend: _____
Operations Engineer

Approve: AWB
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

3/13/95

WELLNAME: Aztec A # 1	DP NUMBER: 3730																																								
WELL TYPE: Blanco Mesa Verde	ELEVATION: GL: 5841' KB: 5851'																																								
LOCATION: 990' FSL 890' FWL Sec. 22, T31, R11W San Juan County, New Mexico	INITIAL POTENTIAL AOF 6,552 MCF/D 2/12/58 INITIAL SICP: 977 psig 1/28/58 CURRENT SICP: 487 psig 8/16/91																																								
OWNERSHIP: <u>DK</u> GWI: 52.5000% NRI: 43.1093% SJBT: 9.3750%	DRILLING: SPUD DATE: 1/3/58 COMPLETED: 2/3/55 TOTAL DEPTH: 4909' PBTD: 4860'																																								
CASING RECORD: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="text-align: left;">HOLE SIZE</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">WEIGHT</th> <th style="text-align: left;">GRADE</th> <th style="text-align: left;">DEPTH</th> <th style="text-align: left;">EQUIP.</th> <th style="text-align: left;">CEMENT</th> <th style="text-align: left;">TOC</th> </tr> </thead> <tbody> <tr> <td></td> <td>10 3/4"</td> <td>32.75#</td> <td>SW</td> <td>174'</td> <td>-</td> <td>150 sx</td> <td>Circ to surf.</td> </tr> <tr> <td>9 5/8"</td> <td>7 5/8"</td> <td>26.4#</td> <td>J-55</td> <td>4575'</td> <td>-</td> <td>250 sx</td> <td>(TS) 3190'</td> </tr> <tr> <td>6 3/4"</td> <td>5 1/2</td> <td>15/50#</td> <td>J-55</td> <td>4904'</td> <td>Liner hanger @ 4526'</td> <td>110 sx</td> <td>(TS) 4526'</td> </tr> <tr> <td>Tubing</td> <td>2 3/8"</td> <td>4.70#</td> <td>J-55</td> <td>4849'</td> <td>153 Jts.</td> <td></td> <td></td> </tr> </tbody> </table>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC		10 3/4"	32.75#	SW	174'	-	150 sx	Circ to surf.	9 5/8"	7 5/8"	26.4#	J-55	4575'	-	250 sx	(TS) 3190'	6 3/4"	5 1/2	15/50#	J-55	4904'	Liner hanger @ 4526'	110 sx	(TS) 4526'	Tubing	2 3/8"	4.70#	J-55	4849'	153 Jts.		
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LOGGING: ES 173-4575; IND 4578-4903; GRL 2400-4903; ML 173-4575; TS 4400-4907 Temperature Survey's: B&R at 3190' and 4526'																																									
PERFORATIONS MV Perf 4670' - 4842'.																																									
STIMULATION: Water frac Mesaverde perf with 78,600 gals. water and 60,000# sand. BDP 350#.																																									
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Aztec A #1

Current -- 2/28/95

DPNO: 3730

Blanco Mesaverde

990' FSL, 890' FWL

Sec. 22, T31N, R11W, San Juan Co., NM

Spud: 1-3-58

Completed : 2-3-58

Fruitland @ 2109'

Picture Cliffs @ 2458'

Lewis @ 2586'

Cliff House @ 4047'

Menefee @ 4280'

Point Lookout @ 4689'

Mancos @ 4887'

10 3/4", 32.75#, SW Surface csg
set @ 174'. Cmt 150 sx to surface.

TOC @ 3190' (TS)

5 1/2" liner top @ 4526'

7 5/8", 26.4#, J-55 csg set @ 4575'
125 sx cmt.

TOC @ 4526' (TS)

MV Perforation 4670'-4842'.

2 3/8", 4.7# J-55 Tubing set @ 4849'.

5-1/2", 15.50#, J-55 liner set @ 4904'.
Cmt w/ 110 sx

PBTD @ 4860'

TD @ 4909'

