

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

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  
480'FSL, 900'FEL, Sec.26, T-31-N, R-11-W, NMPM, San Juan County

API # (assigned by OCD)  
30-045-26583  
5. Lease Number  
Fee  
6. State Oil&Gas Lease #  
7. Lease Name/Unit Name  
Wilmuth  
8. Well No.  
1A  
9. Pool Name or Wildcat  
Blanco PC/Blanco MV  
10. Elevation:

Type of Submission

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

Type of Action

☐ Abandonment ☐ Change of Plans  
☐ Recompletion ☐ New Construction  
☐ Plugging Back ☐ Non-Routine Fracturing  
☐ Casing Repair ☐ Water Shut off  
☐ Altering Casing ☐ Conversion to Injection  
☒ 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  
FEB 23 1995  
OIL CON. DIV.  
DIST. 3

SIGNATURE *Johnny Robinson* (LWD5) Regulatory Affairs February 22, 1995

(This space for State Use)  
Approved by *Johnny Robinson* Title DEPUTY OIL & GAS INSPECTOR Date FEB 23 1995

\* Notify in time to witness CBL

## WORKOVER PROCEDURE - BRADENHEAD REPAIR

WILMUTH # 1A  
Pictured Cliffs/Mesaverde Dual  
SE/4 Sec. 26, T31N, R11W  
San Juan Co., New Mexico  
DPNO 54432A (PC); 54432B (MV)

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 both strings of production tubing to atmospheric tank. Control well with fresh 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 PC tubing (2334' of 1 1/4", 2.33#, 10rd IJ) and strap out of hole. PU on MV tubing (4957' of 2 3/8", 4.7#, EUEI), unseat from packer (4 1/2" Baker Model F @ 2551'), and strap out of hole. Replace joints in both strings that are in bad condition. Note any buildup of scale on either string, and notify Operations Engineer.
5. RU wireline unit. Run gauge ring inside liner (7", 20 ppf) to 2350'. PU 7" RBP and TIH. Set RBP at 2300'. 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" casing. Estimated TOC is 625' per temperature survey. Contact Operations Engineer for design of squeeze cement.
7. Perforate 4 squeeze holes 20' above TOC. Run one joint of tubing and close pipe rams. 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 within 2 to 3 bbl of perforations. Hold squeeze pressure and WOC 12 hours (overnite).
9. LD tubing joint. TIH with 6 1/4" 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 7" casing. POOH and LD RBP. Clean out to top of packer with 6 1/4" bit. POOH. TIH with 3 7/8" bit and CO to PBTD with air. (Baker model 'F' seal bore ID = 4.000"). Blow well clean and gauge production. POOH.

11. TIH with MV production tubing (seating nipple with pump-out plug one joint off bottom). Land tubing at 4970' with seal assembly seated in packer at 2551'. TIH with PC production tubing and land at 2470' (seating nipple one joint off bottom. Use blanking plug as needed in PC string.
12. ND BOP's and NU wellhead. Pump plug from MV tubing. Obtain final gauges.
13. Release rig.

Recommend:   
Operations Engineer

Approve:   
Drilling Superintendent

<b>Contacts:</b>	Cement	Cementers Inc	632-3683
	Downhole Tools	Baker	325-0216
	Wireline	Blue Jet	325-5584
	Operations Engineer	Larry Dillon	326-9714

# PERTINENT DATA SHEET

2/16/95

<b>WELLNAME:</b> Wilmuth #1A	<b>DP NUMBER:</b> 54432A (PC) 54432B (MV)																																																
<b>WELL TYPE:</b> Blanco Pictured Cliffs Blanco Mesaverde	<b>ELEVATION:</b> GL: 5755' KB: 5767'																																																
<b>LOCATION:</b> 480' FSL. 900' FEL Sec. 26, T31N, R11W San Juan County, NM	<b>INITIAL POTENTIAL:</b> AOF 1,391 Mcf/d (PC) AOF 3,932 Mcf/d (MV)  <b>SICP:</b> 673 psig (PC) 954 psig (MV)																																																
<b>OWNERSHIP:</b> <div style="display: flex; justify-content: space-around;"> <div> <b>PC</b>            GWI: 49.0728%            NRI: 42.8604%         </div> <div> <b>MV</b>            74.5391%            65.1802%         </div> </div>	<b>DRILLING:</b> <div style="display: flex; justify-content: space-between;"> <div> <b>SPUD DATE:</b> 11-23-85  <b>COMPLETED:</b> 11-06-86  <b>TOTAL DEPTH:</b> 5072'  <b>PBTD:</b> 5057'           </div> </div>																																																
<b>CASING RECORD:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th>HOLE SIZE</th> <th>SIZE</th> <th>WEIGHT</th> <th>GRADE</th> <th>DEPTH</th> <th>EQUIP.</th> <th>CEMENT</th> <th>TOC</th> </tr> </thead> <tbody> <tr> <td>12 1/4"</td> <td>9 5/8"</td> <td>32.3#</td> <td>H40</td> <td>214'</td> <td>-</td> <td>354 cf</td> <td>Circ. Surface</td> </tr> <tr> <td>8 3/4"</td> <td>7"</td> <td>20#</td> <td>K55</td> <td>2734'</td> <td></td> <td>832 cf</td> <td>TS 625'</td> </tr> <tr> <td>6 1/4"</td> <td>4 1/2"</td> <td>10.5#</td> <td>J55</td> <td>2606' - 5072'</td> <td>Liner Hanger @ 2606'</td> <td>435 cf</td> <td>Rev. 8 Bbl 2606'</td> </tr> <tr> <td>Tubing</td> <td>1 1/4"</td> <td>2.33#</td> <td>CW-55</td> <td>2443'</td> <td>Perforated tubing jt.</td> <td></td> <td></td> </tr> <tr> <td>Tubing</td> <td>2 3/8"</td> <td>4.7#</td> <td>J55</td> <td>4957'</td> <td>Model F Packer @ 2551'</td> <td></td> <td></td> </tr> </tbody> </table>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12 1/4"	9 5/8"	32.3#	H40	214'	-	354 cf	Circ. Surface	8 3/4"	7"	20#	K55	2734'		832 cf	TS 625'	6 1/4"	4 1/2"	10.5#	J55	2606' - 5072'	Liner Hanger @ 2606'	435 cf	Rev. 8 Bbl 2606'	Tubing	1 1/4"	2.33#	CW-55	2443'	Perforated tubing jt.			Tubing	2 3/8"	4.7#	J55	4957'	Model F Packer @ 2551'		
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<b>STIMULATION:</b> <div style="margin-top: 5px;">           PC: A) 51,000# 10/20 sand &amp; 56,000 gal. fresh water            MV: B) 42,000# 20/40 sand &amp; 104,950 gal. fresh water            MV: C) 81,000# 20/40 sand &amp; 178,670 gal. slickwater            MV: D) 31,000# 20/40 sand &amp; 83,210 gal. slickwater         </div>																																																	
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# Wilmuth #1A

Current -- 1/31/95

DPNO 54432A (PC)  
DPNO 54432B (MV)

480' FSL, 900' FEL  
Sec. 26, T31N, R11W, San Juan Co., NM

Spud: 11-23-85

Completed : 11-6-86

Ojo Alamo @ 915'

Kirtland @ 1000'

Fruitland @ 1970'

Pictured Cliffs @ 2386'

Chacra @ 3435'

Mesaverde @ 3970'

Menefee @ 4100'

Point Lookout @ 4623'

