

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  
1840'FSL, 1620'FEL, Sec.29, T-31-N, R-10-W, NMPM

5. Lease Number  
NM-0606  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name  
8. Well Name & Number  
Atlantic A #7A  
9. API Well No.  
30-045-22730  
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  
DEC - 8 1994  
OIL CON. DIV.  
DIST. 3

DEC 13 1994  
10:41 AM  
OIL CON. DIV.  
DIST. 3

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

Signed [Signature] (LD5) Title Regulatory Affairs Date 11/30/94

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

[Signature]

## WORKOVER PROCEDURE

ATLANTIC A # 7A  
Mesaverde - Bradenhead Repair  
SE/4 Sec. 29, T31N, R10W  
San Juan Co., New Mexico  
DPNO 48921A

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 fresh water.
3. Blow down tubing (2 3/8", 4.7 ppf) 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 tubing and strap out of hole. Visually inspect tubing (on trip), and replace joints that are in bad condition. Note any buildup of scale.
5. RU wireline unit. Run gauge ring inside liner (4 1/2", 10.5 ppf) to PBTD of 5435'. PU 4 1/2" RBP and TIH. Set RBP at 4165'. Pressure test casing to 1000 psig. Spot 5' of sand on top of RBP.
6. Run CBL to determine TOC behind 7" casing. Perforate <sup>4 1/2"</sup> 2" squeeze holes 20' above TOC. Estimated TOC is 1250' per temperature survey.
7. TIH with 7" fullbore packer and set 150' above squeeze holes. Pressure up to 500 psig. Establish rate into perforations with bradenhead valve open. Max pressure 1000 psig.
8. Mix and pump 230 sx Class B cement w/ 2% CaCl (50% excess). (If cement circulates to surface, stop mixing.) Displace cement to packer, close bradenhead valve and squeeze 2 bbl of cement into perforations. Release packer, pull up hole one stand, reverse circulate, and reset packer. Re-apply squeeze pressure and WOC 12 hours (overnite).
9. Release packer and TOH. TIH with 6 1/4" bit and drill out cement. Pressure test casing to 1000 psig. Re-squeeze as necessary to hold pressure.
10. TIH with retrieving tool and retrieve RBP from 4 1/2" liner. POOH and LD RBP. Make scraper run (7", 20 ppf) to top of liner at 2890'. 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  $\approx$  5350'. ND BOP's and NU wellhead. Pump plug from tubing.

12. Release rig, re-run bradenhead test, and re-establish production.

Recommend:

  
Operations Engineer

Approve:

  
Drilling Superintendent

**Contacts:**

Cement  
Downhole Tools  
Wireline  
Operations Engineer

Cementers Inc  
Baker  
Blue Jet  
Larry Dillon

632-3683  
325-0216  
325-5584  
326-9714

# PERTINENT DATA SHEET

7/29/94

<b>WELLNAME:</b> Atlantic A #7A	<b>DP NUMBER:</b> 48921A																																																
<b>WELL TYPE:</b> Blanco Mesaverde	<b>ELEVATION:</b> GL: 6039' KB: 6049'																																																
<b>LOCATION:</b> 1840' FSL 1620' FEL Sec 29, T31N, R10W San Juan County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF 3,599 Mcf/D  <b>SICP:</b> 184 psig 30-Apr-93																																																
<b>OWNERSHIP:</b> GWI: 100.0000% NRI: 85.5000%	<b>DRILLING:</b> SPUD DATE: 01-29-78 COMPLETED: 03-22-78 TOTAL DEPTH: 5452' PBSD: 5435'																																																
<b>CASING RECORD:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <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>13 3/4"</td> <td>9 5/8"</td> <td>36#</td> <td>KS</td> <td>223'</td> <td></td> <td>200 sx</td> <td>Surface-circ.</td> </tr> <tr> <td>8 3/4"</td> <td>7"</td> <td>20#</td> <td>K55</td> <td>3123'</td> <td></td> <td>275 sx</td> <td>1250'-TS</td> </tr> <tr> <td>6 1/4"</td> <td>4 1/2"</td> <td>10.5#</td> <td>K55</td> <td>2980'-5451'</td> <td>Liner top @ 2980'</td> <td>310 sx</td> <td>2980'-Rev.</td> </tr> <tr> <td>Tubing</td> <td>2 3/8"</td> <td>4.7#</td> <td>J55</td> <td>5366'</td> <td colspan="3">2 3/8" seating nipple w/ 1 25/32" ID @ 5330'</td> </tr> <tr> <td colspan="8">1 jt tbg, 3' perf jt, SN, 172 jts tbg (Total of 173 jts)</td> </tr> </tbody> </table>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	13 3/4"	9 5/8"	36#	KS	223'		200 sx	Surface-circ.	8 3/4"	7"	20#	K55	3123'		275 sx	1250'-TS	6 1/4"	4 1/2"	10.5#	K55	2980'-5451'	Liner top @ 2980'	310 sx	2980'-Rev.	Tubing	2 3/8"	4.7#	J55	5366'	2 3/8" seating nipple w/ 1 25/32" ID @ 5330'			1 jt tbg, 3' perf jt, SN, 172 jts tbg (Total of 173 jts)							
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# Atlantic A #7A

## CURRENT

Blanco Mesa Verde  
DPNO 48921A

1840'FSL, 1620'FEL

Section 29, T31N, R10W, San Juan Co., NM

Spud: 01-29-78

Completed : 03-22-78

Ojo Alamo @ 1350'

Kirtland @ 1415'

Fruitland @ 2395'

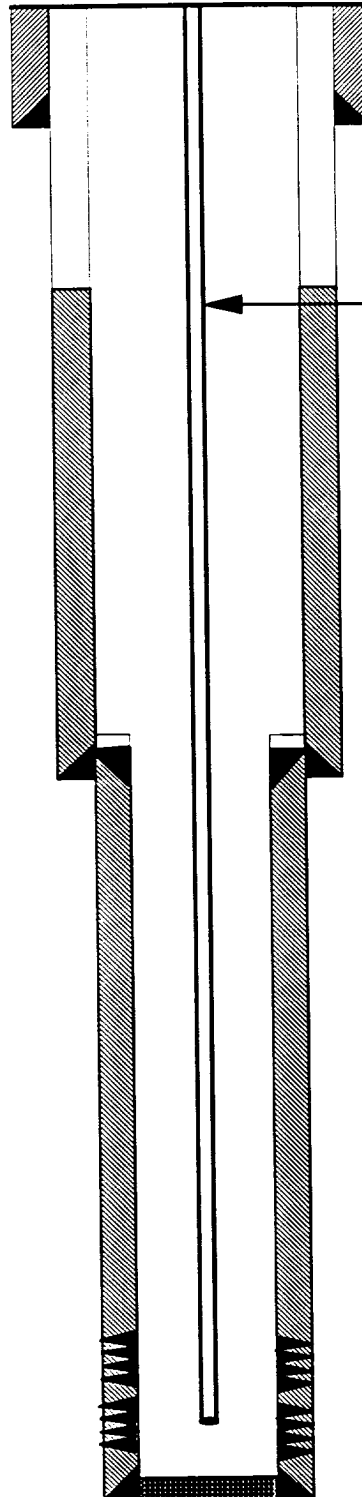
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PBTB @ 5435'

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