

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
1105' FNL, 810' FWL, Sec. 6, T-30-N, R-10-W, NMPM

5. Lease Number
NM-0607
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name

8. Well Name & Number
Atlantic C #6A
9. API Well No.
30-045-23861
10. Field and Pool
Blanco Pictured Cliffs/
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
MAY 18 1995
OIL CON. DIV.
DIST. 3

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

Signed Raymond Bradenhead (LWD5) Title Regulatory Affairs Date 5/10/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

Date **APPROVED**

CONDITION OF APPROVAL, if any:

MAY 15 1995
DISTRICT MANAGER

NMOC

WORKOVER PROCEDURE - BRADENHEAD REPAIR

**ATLANTIC C # 6A
Blanco Pictured Cliffs / Blanco Mesaverde Dual
NW/4 Sec. 6, T30N, R10W
San Juan Co., New Mexico
DPNO 53504A (PC); 53504B (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 Pictured Cliffs tubing (85 jts, 1 1/4", 2.3 ppf, J55, 10rd), and Mesaverde tubing (170 jts, 2 3/8", 4.7 ppf, J55, EUE) 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 or WSI for inspection.
4. PU on Pictured Cliffs tubing and strap out of hole. Unseat Mesaverde tubing from PBR at 2815', 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.) Send seal assembly to Baker for re-dress.
5. ~~RU~~ RU wireline unit. Run gauge ring (7", 20 ppf) to top of 4 1/2" liner at 2804'. Wireline set 7" retrievable BP at 2500'. Pressure test RBP and casing to 1000 psig. Spot two sacks of sand on top of RBP. (If casing does not pressure test, isolate failure and contact Operations Engineer.)
6. Run CBL (with 1000 psi) to determine TOC behind 7" casing. Estimated TOC is 1400' per temperature survey. Perforate 4 squeeze holes 20' above TOC.
7. TIH with 7" fullbore packer and set 150' above squeeze holes. Pressure up backside to 500 psig. Establish rate with bradenhead valve open. If circulation is established through bradenhead valve, circulate hole clean. Contact Operations Engineer for design of cement slurry.
8. Mix and pump cement with turbulent flow behind pipe. Circulate cement to surface. Close bradenhead valve and squeeze cement into perforations. (Max squeeze pressure 1000 psi.) Maintain squeeze pressure and WOC 12 hours (overnite).
9. Release packer and POOH. TIH with 6 1/4" bit and drill out cement. Pressure test casing to 1000 psig. Test for bradenhead flow. Re-squeeze as necessary to hold pressure, and to stop bradenhead flow.
10. TIH with retrieving tool and retrieve RBP from 7" casing. POOH and LD RBP.
11. PU 3 7/8" bit and casing scraper (4 1/2", 10.5 ppf), and CO to PBTD with air. Blow well clean and gauge production. POOH.
12. TIH with Mesaverde production tubing (seating nipple and pump-out plug one joint off bottom). Land tubing at 5300' with seal assembly landed in PBR at 2815'. TIH with Pictured Cliffs production tubing (seating nipple one joint off bottom), and land at 2785'. (Use tubing choke as needed.)

13. ND BOP's and NU wellhead. Pump plug from Mesaverde tubing. Obtain final gauges.
14. Release rig.

Recommend: _____
Operations Engineer

Approve:  _____
Drilling Superintendent

Contacts:	Cement	Halliburton	325-3575
	Wireline	Petro	325-5584
	Operations Engineer	Larry Dillon	326-9714

CONTINENT DATA SHEET

5/10/95

WELLNAME: Atlantic C # 6A				DP NUMBER: 53504 A/B PROP. NUMBER: 012601500																																																			
WELL TYPE: Blanco Pictured Cliffs Blanco Mesaverde				ELEVATION: GL: 6034' KB: 6046'																																																			
LOCATION: 1105' FNL, 810' FWL NW/4 Sec. 6, T30N, R10W San Juan County, NM				<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 35%; text-align: center;"><u>PC</u></td> <td style="width: 35%; text-align: center;"><u>MV</u></td> </tr> <tr> <td>INITIAL POTENTIAL:</td> <td style="text-align: center;">2652 Mcf/d 7/1/80</td> <td style="text-align: center;">3941 Mcf/d 6/24/80</td> </tr> <tr> <td>INITIAL SITP:</td> <td style="text-align: center;">777 7/1/80</td> <td style="text-align: center;">psig 764 6/30/79</td> </tr> <tr> <td>LAST AVAILABLE SITP:</td> <td style="text-align: center;">321 7/10/84</td> <td style="text-align: center;">psig 4/15/01 10/14/91</td> </tr> </table>					<u>PC</u>	<u>MV</u>	INITIAL POTENTIAL:	2652 Mcf/d 7/1/80	3941 Mcf/d 6/24/80	INITIAL SITP:	777 7/1/80	psig 764 6/30/79	LAST AVAILABLE SITP:	321 7/10/84	psig 4/15/01 10/14/91																																				
	<u>PC</u>	<u>MV</u>																																																					
INITIAL POTENTIAL:	2652 Mcf/d 7/1/80	3941 Mcf/d 6/24/80																																																					
INITIAL SITP:	777 7/1/80	psig 764 6/30/79																																																					
LAST AVAILABLE SITP:	321 7/10/84	psig 4/15/01 10/14/91																																																					
OWNERSHIP: GWI: 100.0000% NRI: 85.5000% SJB: 0.0000%				DRILLING: SPUD DATE: 2/16/80 COMPLETED: 7/1/80 TOTAL DEPTH: 5353' PBD: 5335'																																																			
CASING RECORD: <table style="width: 100%; border-collapse: collapse;"> <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>K55</td> <td>224'</td> <td></td> <td>224 cu. ft.</td> <td>Circ. to surf.</td> </tr> <tr> <td>8 3/4"</td> <td>7"</td> <td>20#</td> <td>K55</td> <td>3008'</td> <td></td> <td>393 cu. ft.</td> <td>(TS) 1400</td> </tr> <tr> <td>Liner</td> <td>4 1/2"</td> <td>10.5#</td> <td>K55</td> <td>2804'-5353'</td> <td>PBR @ 2815'</td> <td>440 cu. ft.</td> <td>2804' (Rev. 17 bbl)</td> </tr> <tr> <td>Tubing</td> <td>PC 1 1/4"</td> <td>2.3#</td> <td>J55 / 10RD</td> <td>2776'</td> <td colspan="3">IJ Class B tbg. Orange peeled jt., SN, 84 jts, x-over. Orange peeled perf jts. on bottom @ 2743'.</td> </tr> <tr> <td></td> <td>MV 2 3/8"</td> <td>4.7#</td> <td>J55 / EUE</td> <td>5306'</td> <td colspan="3">EUE Class "B" tbg. SN 1 jt. off bottom, 7" F-1 pkr. Exp ck. 1 jt., SN, 80 jts., G-22 locator seal assembly, 89 jts., 3 subs.</td> </tr> </tbody> </table>								HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	13 3/4"	9 5/8"	36#	K55	224'		224 cu. ft.	Circ. to surf.	8 3/4"	7"	20#	K55	3008'		393 cu. ft.	(TS) 1400	Liner	4 1/2"	10.5#	K55	2804'-5353'	PBR @ 2815'	440 cu. ft.	2804' (Rev. 17 bbl)	Tubing	PC 1 1/4"	2.3#	J55 / 10RD	2776'	IJ Class B tbg. Orange peeled jt., SN, 84 jts, x-over. Orange peeled perf jts. on bottom @ 2743'.				MV 2 3/8"	4.7#	J55 / EUE	5306'	EUE Class "B" tbg. SN 1 jt. off bottom, 7" F-1 pkr. Exp ck. 1 jt., SN, 80 jts., G-22 locator seal assembly, 89 jts., 3 subs.		
HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC																																																
13 3/4"	9 5/8"	36#	K55	224'		224 cu. ft.	Circ. to surf.																																																
8 3/4"	7"	20#	K55	3008'		393 cu. ft.	(TS) 1400																																																
Liner	4 1/2"	10.5#	K55	2804'-5353'	PBR @ 2815'	440 cu. ft.	2804' (Rev. 17 bbl)																																																
Tubing	PC 1 1/4"	2.3#	J55 / 10RD	2776'	IJ Class B tbg. Orange peeled jt., SN, 84 jts, x-over. Orange peeled perf jts. on bottom @ 2743'.																																																		
	MV 2 3/8"	4.7#	J55 / EUE	5306'	EUE Class "B" tbg. SN 1 jt. off bottom, 7" F-1 pkr. Exp ck. 1 jt., SN, 80 jts., G-22 locator seal assembly, 89 jts., 3 subs.																																																		
FORMATION TOPS: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Ojo Alamo</td> <td style="width: 25%;">1233'</td> <td style="width: 25%;">Gallup</td> </tr> <tr> <td>Kirtland</td> <td>1351'</td> <td>Greenhorn</td> </tr> <tr> <td>Fruitland</td> <td>2304'</td> <td>Graneros</td> </tr> <tr> <td>Pictured Cliffs</td> <td>2663'</td> <td>Dakota</td> </tr> <tr> <td>Chacra</td> <td>4200'</td> <td></td> </tr> <tr> <td>Cliff House</td> <td>4456'</td> <td></td> </tr> <tr> <td>Point Lookout</td> <td>4959'</td> <td></td> </tr> </table>								Ojo Alamo	1233'	Gallup	Kirtland	1351'	Greenhorn	Fruitland	2304'	Graneros	Pictured Cliffs	2663'	Dakota	Chacra	4200'		Cliff House	4456'		Point Lookout	4959'																												
Ojo Alamo	1233'	Gallup																																																					
Kirtland	1351'	Greenhorn																																																					
Fruitland	2304'	Graneros																																																					
Pictured Cliffs	2663'	Dakota																																																					
Chacra	4200'																																																						
Cliff House	4456'																																																						
Point Lookout	4959'																																																						
LOGGING: Comp. Density, GR Density / Induction, I-ES, TS																																																							
PERFORATIONS <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">PC</td> <td>2663'-2688', 2718'-2742', 2762'-2784' (16 SPZ)</td> </tr> <tr> <td>Cliffhouse /</td> <td>4227', 4270', 4297', 4305', 4313', 4321', 4342', 4350', 4363', 4437', 4447', 4471', 4601', 4615', 4741', 4762, 4471', 4601',</td> </tr> <tr> <td>Menefee</td> <td>4615, 4747, 4762 (1 SPZ)</td> </tr> <tr> <td>PL</td> <td>4924', 4930', 4936', 4962', 4968', 4973', 4990', 4996', 5002', 5010', 5014', 5019', 5031', 5050', 5067', 5140',</td> </tr> <tr> <td></td> <td>5149', 5174', 5199', 5209', 5235', 5247', 5299' (1 SPZ)</td> </tr> </table>								PC	2663'-2688', 2718'-2742', 2762'-2784' (16 SPZ)	Cliffhouse /	4227', 4270', 4297', 4305', 4313', 4321', 4342', 4350', 4363', 4437', 4447', 4471', 4601', 4615', 4741', 4762, 4471', 4601',	Menefee	4615, 4747, 4762 (1 SPZ)	PL	4924', 4930', 4936', 4962', 4968', 4973', 4990', 4996', 5002', 5010', 5014', 5019', 5031', 5050', 5067', 5140',		5149', 5174', 5199', 5209', 5235', 5247', 5299' (1 SPZ)																																						
PC	2663'-2688', 2718'-2742', 2762'-2784' (16 SPZ)																																																						
Cliffhouse /	4227', 4270', 4297', 4305', 4313', 4321', 4342', 4350', 4363', 4437', 4447', 4471', 4601', 4615', 4741', 4762, 4471', 4601',																																																						
Menefee	4615, 4747, 4762 (1 SPZ)																																																						
PL	4924', 4930', 4936', 4962', 4968', 4973', 4990', 4996', 5002', 5010', 5014', 5019', 5031', 5050', 5067', 5140',																																																						
	5149', 5174', 5199', 5209', 5235', 5247', 5299' (1 SPZ)																																																						
STIMULATION: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">PC</td> <td>2663'-2784' - 64,722# sand, 71,652 gal. water</td> </tr> <tr> <td>Menefee</td> <td>4227'-4762' - 62,433# sand, 126,252 gal. water</td> </tr> <tr> <td>PL</td> <td>4924'-5299' - 67,158# sand, 132,132 gal. water</td> </tr> </table>								PC	2663'-2784' - 64,722# sand, 71,652 gal. water	Menefee	4227'-4762' - 62,433# sand, 126,252 gal. water	PL	4924'-5299' - 67,158# sand, 132,132 gal. water																																										
PC	2663'-2784' - 64,722# sand, 71,652 gal. water																																																						
Menefee	4227'-4762' - 62,433# sand, 126,252 gal. water																																																						
PL	4924'-5299' - 67,158# sand, 132,132 gal. water																																																						
WORKOVER HISTORY: Feb-86 Pull PC tbg., fish MV tbg. Set RBP @ 4792'. Set cmt. retainer @ 4554'. Squeezed 50 sx. cmt. into Menefee perms., Set cmt. retainer @ 4114'. Squeeze cmt'd Cliff House perms. w/200 sx. Press. test -- ck. Recover RBP. Landed 170 jts. 2 3/8" tbg. @ 5306'. Landed 85 jts. 1 1/4" tbg. @ 2776'																																																							
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">PRODUCTION HISTORY:</th> <th style="text-align: left;"><u>Gas</u></th> <th style="text-align: left;"><u>Oil</u></th> <th style="text-align: left;">DATE OF LAST PRODUCTION:</th> <th style="text-align: left;"><u>Gas</u></th> <th style="text-align: left;"><u>Oil</u></th> </tr> <tr> <td>Cumulative as of 1995 PC</td> <td>292.2 MMcf</td> <td>0 bo</td> <td>PC 2-95</td> <td>1.2 MMcf</td> <td>0 bo</td> </tr> <tr> <td>Cumulative as of 1995 MV</td> <td>469.0 MMcf</td> <td>1.3 Mbo</td> <td>MV 2-95</td> <td>3.1 MMcf</td> <td>6 bo</td> </tr> </table>								PRODUCTION HISTORY:	<u>Gas</u>	<u>Oil</u>	DATE OF LAST PRODUCTION:	<u>Gas</u>	<u>Oil</u>	Cumulative as of 1995 PC	292.2 MMcf	0 bo	PC 2-95	1.2 MMcf	0 bo	Cumulative as of 1995 MV	469.0 MMcf	1.3 Mbo	MV 2-95	3.1 MMcf	6 bo																														
PRODUCTION HISTORY:	<u>Gas</u>	<u>Oil</u>	DATE OF LAST PRODUCTION:	<u>Gas</u>	<u>Oil</u>																																																		
Cumulative as of 1995 PC	292.2 MMcf	0 bo	PC 2-95	1.2 MMcf	0 bo																																																		
Cumulative as of 1995 MV	469.0 MMcf	1.3 Mbo	MV 2-95	3.1 MMcf	6 bo																																																		
PIPELINE: EPNG																																																							

TA

Atlantic C #6A

Current -- 4/28/95

Blanco Pictured Cliffs / Blanco Mesaverde
DPNO: 53504 A / B

1105' FNL, 810' FWL
Sec. 6, T-30-N, R-10-W, San Juan Co., NM

Spud: 02-16-80

Completed : 07-01-80

Ojo Alamo @ 1233'

Kirtland @ 1351'

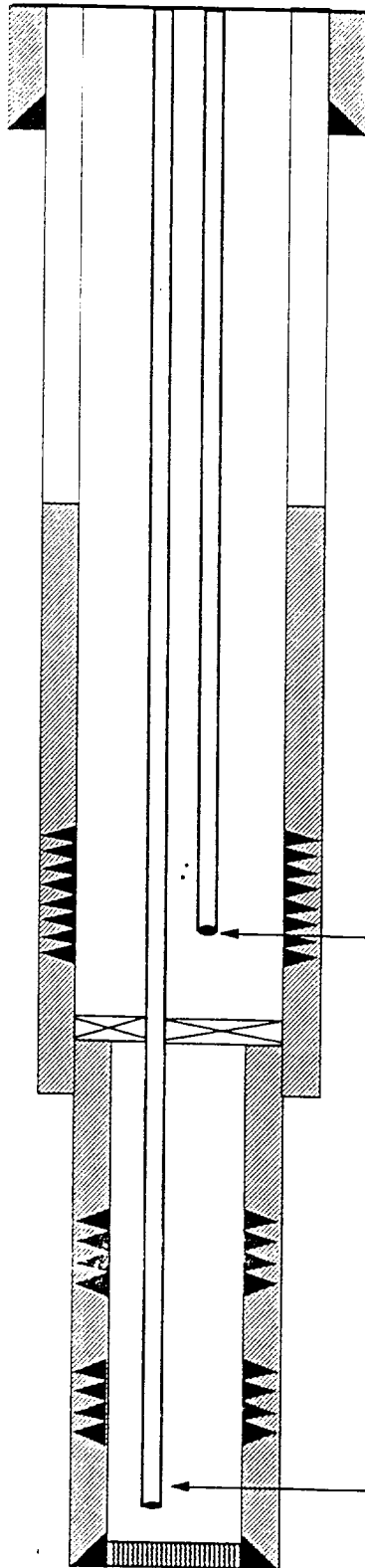
Fruitland @2304'

Pictured Cliffs @ 2663'

Chacra 4200'

Cliff House @ 4456'

Point Lookout @ 4959'



9 5/8", 36#, K55 csg. set @ 224'. Circ. cmt to surface.

TOC @ 1400' (TS)

Perf PC 2663'-2688', 2718'-2742', 2762'-2784'. 1 SPZ.

(PC) 1 1/4", 2.3#, J55 IJ, 10rd tbq. csg set @ 2776.

Liner Hanger set @ 2804', RBP @ 2815'.

7", 20#, K55 csg. set @ 3008'. Cmt. w/393 cu. ft., TOC @ 1450' (TS).

CH/Menefee Perfs - 4227', 4270', 4297', 4305', 4313', 4321', 4342', 4350', 4363', 4437', 4601',

Point Lookout - 4924', 4930', 4936', 4962', 4968', 4973', 4990', 4996', 5002', 5010', 5014', 5019', 5031', 5050', 5067', 5140', 5149', 5174', 5199', 5209', 5235', 5247', 5299.

(MV) 2 3/8" 4.7# J55, EUE, 8rdt tbq set @ 5306'.

4 1/2", 10.5#, K55 Liner set @ 5353'. Cmt. w/ 440 cu ft. TOL @ 2804.

PBTD @ 5335'

TD @ 5353'