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

5. **Lease Number**
NM-0607

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**
MERIDIAN OIL

8. **Well Name & Number**
Atlantic C #3A

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **API Well No.**
30-045-22800

4. **Location of Well, Footage, Sec., T, R, M**
1000'FSL, 1100'FEL, Sec.31, T-31-N, R-10-W, NMPM

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**	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other -	

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
JAN 0 9 1995
OIL CON. DIV.
DIST. 3

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

Signed Peggy Bradfield (LWD5) Title Regulatory Affairs Date 12/20/94

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

APPROVED
DEC 28 1994
DISTRICT MANAGER

NMOCD

WORKOVER PROCEDURE

ATLANTIC C # 3A
Mesaverde - Bradenhead Repair
SE/4 Sec. 31. T31N. R10W
San Juan Co., New Mexico
DPNO 48923A

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 (170 jts, 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, 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", 10.5 ppf) to PBTD of 5408'. PU 4 1/2" RBP and TIH. Set RBP at 4175'. Pressure test casing to 1000 psig. Spot one sack of sand on top of RBP.

6. Run CBL to determine TOC behind 7" casing. Estimated TOC is 1500' per temperature survey. Perforate 4 squeeze holes 20' above TOC.

7. TIH with 7" fullbore packer and set 100' above squeeze holes. Pressure up backside to 500 psig. Establish rate into perforations with bradenhead valve open. Max pressure 1000 psig.

8. Determine cement volume required to fill casing-hole annulus from squeeze perforations back to surface. Tail slurry must fill to 50' above Ojo Alamo formation top (1320') with 100% excess. Lead slurry will be light weight cement with fluid loss additive. Tail slurry will be class B cement with .2% Super CBL additive.

9. Mix and pump calculated cement slurry with turbulent flow behind pipe. (If cement circulates to surface, go immediately to tail slurry.) 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).

10. 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.

11. 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 2927'. TIH with 3 7/8" bit and CO to PBTD with air. Blow well clean and gauge production. POOH.

12. TIH with production tubing (seating nipple and pump-out plug one joint off bottom). Land tubing at ≅ 5300'. ND BOP's and NU wellhead. Pump plug from tubing.

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

Recommend: _____
Operations Engineer

Approve: _____
Drilling Superintendent

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

lwd 12/18/94

PERTINENT DATA SHEET

12/19/94

WELLNAME:	Atlantic C #3A	**DP NUMBER:**	48923A
WELL TYPE:	Blanco Mesaverde	**ELEVATION:**	**GL:** 6082' **KB:** 6093'
LOCATION:	1000' FSL, 1100' FEL Sec. 31, T31N, R10W San Juan County, New Mexico	**INITIAL POTENTIAL:** **SICP:**	AOF 418 psig
OWNERSHIP:	**GWI:** 100.0000% **NRI:** 85.5000%	**DRILLING:**	**SPUD DATE:** 01-19-78 **COMPLETED:** 03-27-78 **TOTAL DEPTH:** 5425' **PBTD:** 5408'

CASING RECORD:

HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT		TOC
13 3/4"	9 5/8"	32.3#	H40	243'	-	300 sx		Surface
8 3/4"	7"	20#	K55	3076'		275 sx	TS	1500'
6 1/4"	4 1/2"	10.5#	K55	2927' -- 5425		315 sx		2927'
Tubing	2 3/8"	4.7#	J55	5288'				

FORMATION TOPS:

Ojo Alamo	1320'	Point Lookout	4962'
Kirtland	1410'	Mancos	
Fruitland	2360'	Gallup	
Pictured Cliffs	2750'	Greenhorn	
Lewis	2875'	Dakota	
Mesaverde	4275'		
Menefee	4543'		

LOGGING: IL-GR, CDL-GR, TS

PERFORATIONS 4273' -- 4535' w/ 20 shots; 4771' -- 5299' w/ 24 shots

STIMULATION: 154,000# 20/40 sand & 267,500 gal. water

WORKOVER HISTORY: NONE

PRODUCTION HISTORY:	Gas	Oil	**DATE OF LAST PRODUCTION:**	Gas	Oil
Cumulative as of 1994:	1.79 Bcf	2.9 MBbl	October, 1994	4.0 MMcf	0 Bopd
Current:	4.0 MMcf	0 Bopd			

PIPELINE: EPNG

Atlantic C #3A

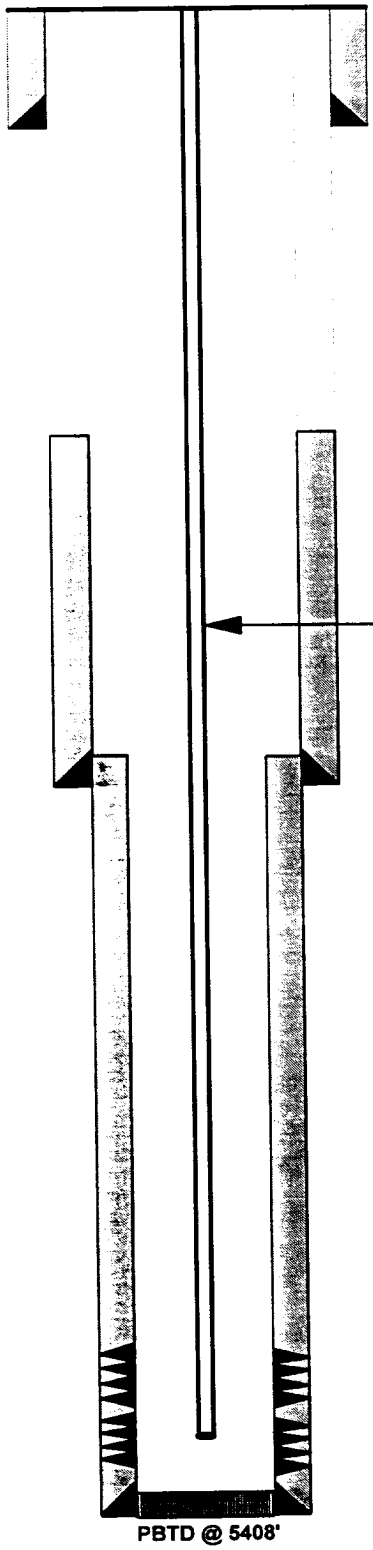
Current -- 12/19/94

Mesa Verde
DPNO 48923A

1000' FSL, 1100' FEL
Sec. 31,T31N, R10W, San Juan Co., NM

Spud: 01-19-78

Completed : 03-27-78



9 5/8", 32.3#, H40 Surface csg
set @ 243'. Cement to surface.

Ojo Alamo @
1320'

Kirtland @ 1410'

7", 20#, K55 csg set @
3076'. TOC @ 1500' (TS)

Fruitland @ 2360'

Pictured Cliffs @ 2750'

Lewis @ 2875'

2 3/8" tubing, 4.7# J55 set @ 5288' (170 jts)
2 3/8" Seating nipple @ 5252' (1 25/32" I.D.)

4 1/2",10.5#, K55 liner set @ 5425'
TOL @ 2927', TOC @ appx 2927'

Mesa Verde @ 4275'
Menefee @ 4543'

Point Lookout @ 4962'

Perforations @ 4273'-4535' w/ 20 shots,
4771'-5299' w/ 24 shots

PBTD @ 5408'

TD @ 5425'