submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

5. **Lease Number**
SF-078439

1. **Type of Well**
GAS

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

7. **Unit Agreement Name**

2. **Name of Operator**
MERIDIAN OIL

8. **Well Name & Number**
Johnston Federal #6A

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

9. **API Well No.**
30-045-21642

4. **Location of Well, Footage, Sec., T, R, M**
1850'FNL, 1620'FWL, Sec.35, T-31-N, R-9-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 - 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
MAR - 6 1995
OIL CON. DIV.
DIST. 3

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

Signed [signature] (LWD5) Title Regulatory Affairs Date 2/22/95

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

APPROVED
FEB 27 1995
DISTRICT MANAGER

NMOCD

WORKOVER PROCEDURE - BRADENHEAD REPAIR/PUMP CHANGE-OUT

JOHNSTON FEDERAL # 6A
Mesaverde
NW/4 Sec. 35, T31N, R9W
San Juan Co., New Mexico
DPNO 13032S

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 (5187', 2 3/8", 4.7 #, EUE) to atmospheric tank. Control well with 1% KCl water as needed. Unseat pump and POOH with rods (3/4" and 5/8") and pump (set at 5157'). Send pump to Service Pumps for repair. ND stuffing box and pumping tee. NU BOP's. Test and record operation of BOP's.

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 and notify Operations Engineer.

5. RU wireline unit. Run gauge ring inside liner (4 1/2", 10.79 #, X42) to PBTD of 5210'. PU 4 1/2" RBP and TIH. Set RBP at 4200'. Pressure test casing to 1000 psig. Spot one sack of sand on top of RBP.

6. Hook-up pump to bradenhead valve. If rate can be established into bradenhead valve, run CBL (with 1000 psig pressure) to determine TOC behind 7" casing. If unable to pump into bradenhead valve, run 'audio profile log' to determine fluid flow behind 7" casing. (Cement was circulated to surface during the primary cement job, however cement may have dropped to below the surface casing shoe.) Contact Operations Engineer for design of squeeze cement.

7. Perforate squeeze holes based on results of CBL or noise log. 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 slurry. (If cement circulates to surface, stop mixing and go to displacement.) Displace cement to within 2 to 4 bbl of perforations. Hold squeeze pressure and WOC 12 hours (overnite).

9. LD tubing joint. TIH with 6 1/8" 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. TIH with 3 7/8" bit and CO to PBTD with air. Blow well clean and gauge production. POOH.

11. TIH with production tubing (4' perforated sub one joint off bottom and seating nipple directly above perforated sub). Land tubing at ≅ 5175'. ND BOP's and NU pumping tee and stuffing box.

12. PU rebuilt, top anchor pump, and RIH on rods. Seat pump and space out rods as per instructions from Production Operations representative.

13. Release rig.

Recommend: _____
Operations Engineer

Approve: _____
Drilling Superintendent

Contacts:			
	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

WELLNAME:	Johnston Federal #6A	**DP NUMBER:**	13032S
WELL TYPE:	Blanco Mesaverde	**ELEVATION:**	**GL:** 5997' **KB:** 6010'
LOCATION:	1850' FNL, 1620' FWL Sec. 35, T31N, R9W San Juan County, New Mexico	**INITIAL POTENTIAL:** **INITIAL SICP:**	AOF 3,719 Mcf/d 8/91 280 psig
OWNERSHIP:	**GWI:** 75.0000% **NRI:** 61.8750%	**DRILLING:**	**SPUD DATE:** 05-08-75 **COMPLETED:** 07-07-75 **TOTAL DEPTH:** 5300' **PBTD:** 5210'

CASING RECORD:

HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT		TOC
13 3/4"	9-5/8"	36#	J55	256'	-	275 sx	Circ.	Surface
8 3/4"	7"	23#	J55	3177'		430 sx	Circ.	Surface
6 1/4"	4 1/2"	10.79#	X42	2932' -- 5272'		310 sx	Rev. 70 sxs	2932'
Tubing	2 3/8"	4.7#	K55	5187'				

FORMATION TOPS:

Nacimiento			
Ojo Alamo	1525'	Point Lookout	5052'
Kirtland	1645'	Gallup	
Fruitland	2540'	Greenhorn	
Pictured Cliffs	2910'	Graneros	
Cliff House	4343'	Dakota	
Menefee	4696'		

LOGGING: Densilog, Temperature, IL-GR, SWN-GR, CBL

PERFORATIONS

Cliff House: 4351' & 4485' w/1 hole each, 4494' -- 4490' w/10 holes, 4585', 4527' & 4604' w/1 hole each, 4644' -- 4648' w/4 holes, 4672' -- 4688' w/17 holes
Point Lookout: 5086' -- 5090' w/4 holes, 5132' -- 5144' w/13 holes, 5170' -- 5173' w/4 holes, 5182' -- 5185' w/4 holes

STIMULATION:

Cliff House: 35,000# 20/40 sand & 16,000# 10/20 sand & 50,800 gal. water
Point Lookout: 40,000# 20/40 sand & 10,000# 10/20 sand & 50,000 gal. water

WORKOVER HISTORY:

Apr-76 Install downhole pump, rods, and pumping unit.

PRODUCTION HISTORY:	Gas	Oil
Cumulative as of 1994:	2.9 Bcf	88.2 MBbl
Current:	7.4 MMcf/m	20 Bbl/m

DATE OF LAST PRODUCTION: December, 1994 — Gas 7.4 MMcf/m — Oil 20 Bbl/m

PIPELINE: EPNG

Johnston Federal #6A

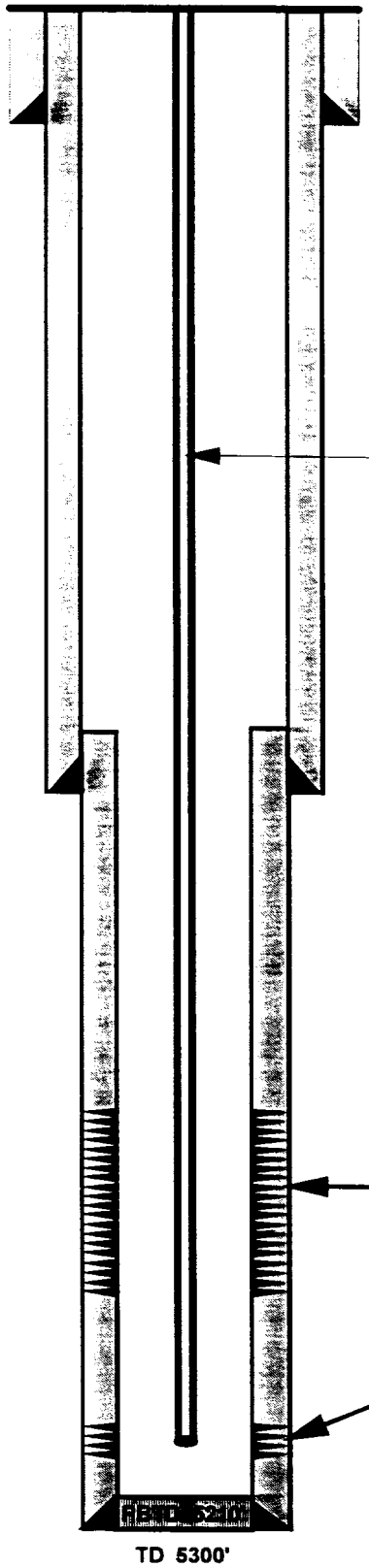
CURRENT - 2-13-95

Mesa Verde - DPNO 13032S

1850' FNL, 1620' FWL,
Section 35, T-31-N, R-9-W, San Juan County, NM

Spud: 5-8-75

Completed : 7-7-75



9-5/8" 36#, J55 Csg set @ 256'
Circulated 275 sx cmt to surface

Ojo Alamo @ 1525'

Kirtland @ 1645'

2-3/8", 4.7#, K55, set @ 5187'

Fruitland @ 2540'

Pictured Cliffs @ 2910'

7", 23#, J55 Csg set @ 3177',
cmt w/430 sx cmt. Circ. to Surface

Cliff House @ 4343'

CH Perfs – 4351' – 4485' (1 hole each), 4494' – 4490' (10 holes), 4585', 4527', 4604 (1 hole each), 4644' – 4648 (4 holes), 4672' – 4688' (17 holes)

Menefee @ 4696'

Point Lookout @ 5052'

PL Perfs – 5086' – 5090' (4 holes), 5132' – 5144' (13 holes), 5170' – 5173' (4 holes), 5185' – 5185 (4 holes)

4 1/2", 10.79#, X42 Csg set @ 2932' – 5272',
cmt w/310 sx cmt. Rev. 70 sxs.

TD 5300'