BUREAU OF	O STATES OF THE INTERIOR LAND MANAGEMENT RECEIVED
Sundry Notice	s and Reports on Well's
	97 JAN -9 PM 1:34 5. Lease Number
. Type of Well	SF-078439
GAS	070 FARMINGTON, NM Tribe Name
. Name of Operator	7. Unit Agreement Name
BURLINGTON	AS COMPANY
. Address & Phone No. of Operator	8. Well Name & Number Johnston Federal #
PO Box 4289, Farmington, NM 8	499 (505) 326-9700 9. API Well No.
Location of Well, Footage, Sec. 1710'FSL, 1580'FEL, Sec. 33, T-3	T, R, M 10. Field and Pool
J 300 181, 560.55, 145.	-N, R-9-W, NMPM Blanco Mesaverde 11. County and State San Juan Co, NM
	Plugging Back Non-Routine Fracturing Casing Repair Water Shut off Altering Casing Conversion to Injection Other - Tubing repair
It is intended to repair the procedure and wellbore	tubing in the subject well according to the attached
	PECETYED JAN 1 7 HOZ
	- 1 100) (A

JAN 1 0 1997

Mistrict Manager

APPROVED

Date

(This space for Federal or State Office use)

CONDITION OF APPROVAL, if any:

APPROVED BY

WORKOVER PROCEDURE -- TUBING REPAIR

JOHNSTON FEDERAL #4A
Blanco Mesaverde
Sec. 33, T31N, R09W
San Juan Co., New Mexico
DPNO: 13030S

- 1. Comply to all NMOCD, BLM, and BROG regulations. Conduct daily safety meetings for all personnel on location. Notify BROG Regulatory (Peggy Bradfield, 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document the approval in Dims/Wims. As much time as possible to the pump time is needed to the Agency to be able to show up for the cement job.
- 2. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and BROG safety regulations.
- 3. MOL and RU. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with 1% KCl water as necessary. ND wellhead and NU BOP. Test BOP.
- 4. TIH and tag bottom. Record depth. TOH with 2 3/8" tubing (173 jts.). Inspect tubing and replace all bad joints. (Note any buildup of scale, and notify Operations Engineer. If tubing is excessively scaled, acid wash may be run in perforations).
- 5. PU and RIH with 3-7/8" bit and 4-1/2" casing scraper to COTD, 5547'. TOH and LD bit and scraper. PU 4-1/2" RBP and TIH. Set @ 4820'. Pressure test casing to 750#. (If casing does not test, spot one sack of sand on RBP. Contact Operations Engineer for squeeze design.) Release RBP and POH.
- 6. RIH open ended with tubing, SN one joint off bottom, (rabbit tubing in derrick before running in hole). CO with air. Land tubing @ bottom perforation, 5468'.

7. ND BOP, NU wellhead, rig down, move off location and restore location.

Recommended:

Approval:

Drilling Superintendent

Engineer

CONTACTS: Operations Engineer Gaye White 326-9875

Johnston Federal #4A

CURRENT -- 12/10/96

Blanco Mesaverde DPNO 13030S 1710' FSL, 1580' FEL,

Section 33, T-31-N, R-09-W, San Juan County, NM

Longitude / Latitude: 36°51.12216' - 107°46.91892'

Spud: 2-12-75 Completed: 3-21-75 Elevation: 6356' (GL)

6369' (KB) Logs: Induction-GR,

Compensated Density, Sidewall

Neutron, TS, CBL Compression: B6 Workover(s):

10/76: POH w/2 1/16" tubing. LD Ran 173 jts. 2 3/8" tubing. Installed pumping unit.

WRELINE REPORT INCLUDED IN PACKAGE

Fruitland @ 2400' (Est.)

Cliff House @ 4680'

Menefee @ 5024'

Point Lookout @ 5383'

9 5/8" 36#, H40 Csg set @ 258' 13 3/4" Hole Crnt w/250 sxs cmt. Circ. to surface. TOC @ 250' (TS) 10/76: 2 3/8" Tubing set @ 5468" (173 jts.) (Crossover swedge below donut 2 3/8" EUE to 2 1/16" 10rd) (SN @ 5477') (Baker expendable check valve on bottom) Liner Hanger @ 3208' 8 3/4" Hole 7", 23#, H40 & J55, Csg set @ 3400', cmt. w/538 sxs cmt to 250' (TS) TOC @ 4120' (CBL) Liner Casing from 3250' - 5030' is distorted and in poor condition for successful completion. Cut off 4 1/2" casing @ 3982'. Remove liner hanger & 792' o: 4 1/2" Liner. Ran Packer & squeezed w/100 sxs Perf CH @ 4914' - 5022' w/1 spf Fraced w/50,000# sand & 50,000 gal, water Perf PL @ 5402' - 5468' w/1 spf Fraced w/50,000# sand & 50,000 gal. water COTD 5547" 6 1/4" Hole 4 1/2", 10.5#, K55 Liner set @ 3208' -- 5608'. TD 5610 PBTD 5637 cmt. w/256 sxs cmt to 3208' (Est. 75% Effic.) 6 1/4" Hole TD 5680 4 1/2", 10.5#, H40 Liner set @ 3190' - 5680'. cmt. w/280 sxs cmt to 4120' (CBL)

CASING PRESSURES		PRODUCTION HISTORY		<u>INTEREST</u>		PIPELINE
Initial SICP (3/53):	1,108 psi	Gas Cum: Current (10/96)	5.2 Bcf 416 Mcf/d	GWI:	75.00%	EPNG
Current SICP (8/93): 292	29 2 psi	,		NRI:	61.98%	
		Oil Cum:	5.8 Mbo			
		Current (10/96)	0 Bo/d	SJBT:	0.00%	