UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

BOREAU OF LAND MANAGEMENT		
Sundry Notices and Reports on We	ells	
1. Type of Well GAS	5. 6.	Lease Number SF-080382A If Indian, All. or Tribe Name
	7.	Unit Agreement Name
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY	_	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		Well Name & Number Frontier C #1 API Well No.
4. Location of Well, Footage, Sec., T, R, M 890'FNL, 890'FWL, Sec.16, T-27-N, R-11-W, NMPM		30-045-06585 Field and Pool Basin Dakota
\mathcal{D}	11.	County and State San Juan Co, NM
Describe Proposed or Completed Operations It is intended to repair the tubing in the subj procedure and wellbore diagram.	ect well accordin	ng to the attached
problem and northogram.	· • · · · · · · · · · · · · · · · · · ·	
RE	GEIVEN	
na DE	C 1 8 1996 EV	
	CON. DIV. Dist. 3	
14. I hereby certify that the foregoing is true and Signed Signed Sugar Manhaeld (VGW2) Title Regulate		
(This space for Federal or State Office use)	ory Administrator	
APPROVED BY Title CONDITION OF APPROVAL, if any:	Date	
. 4	<i>1</i> 4	888045

APPROVED

DEC 1.2 1996 My WAR DISTRICT MANAGER

NMOCD

WORKOVER PROCEDURE - TUBING REPAIR

Frontier C #1
DPNO 21770
Dakota
Section 16, T27N, R11W
San Juan County, New Mexico

- 1. Install and test location rig anchors. Prepare blow pit. Install and test location rig anchors. Prepare blow pit. Notify MOI 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 for the Agency to be able to show up for the cement job. Comply to all NMOCD, BLM, and MOI safety regulations.
- 2. 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.
- 3. TIH, and tag bottom. Record depth. POH w/2-3/8" tbg (207 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.) Remove bull plug or pin collar if present. PU and RIH with 4-3/4" bit and 5-1/2" 15.5# casing scraper to below perfs. TOOH.
- PU 5-1/2* RBP and RIH. Set @ 6380'. Load hole w/1% KCl water. Pressure test casing to 500#. (If casing does not test, dump 1 sack of sand on top of RBP. Notify Operations Engineer. Isolate failure and repair.) Release RBP and POH.
- 5. RIH (w/notched expendable check) w/2-3/8" 4.7# tbg, SN one joint off bottom. (Rabbit tubing in derrick before running in hole.) CO to PBTD (6600") w/air.

6. Land @ 6566'. ND BOP, NU wellhead, pump off expendable check and blow clean. Rig down, move off location, and restore location.

Recommended:_

ummer Engineer

Approval:

Drilling Superintendent

Contacts:

Operations Engineer Summer Engineer Gaye White James Dunn

326-9875 599-4098

Frontier C#1 Current 6-10-96

15" hole

9 5/8" hole

Dakota **DPNO 21770**

890' FNL 891' FWL Section 16, T-27-N, R-11-W, San Juan County, NM Latitude/Longitude; 36.579926 - 105.0145

Spud: 9-17-96 Completed: 12-23-58 Workovers: None Elevation: 6227 KB 6217 GL Logs Run: GR 0-6657 Induct. Elect. Log 5510-6655 Radioactivity Log 5200-6602 Cementon Log 5400-6602 Temp. Survey 5500-6257

10 3/4", 28.6#, csg. set @ 174' Baker shoe. Cmtd w/ 125 sks. Circ to surface.

Ojo Alamo @ 684'

Kirtland @ 810'

Fruitland @ 1680'

Pictured Cliffs @ 1885' Lewis @ 1982'

Mesaverde @ 2827

Point Lookout @4393'

Gallup @ 5724'

Dakota @ 6482'

Morrison @ 6652'

PRTD 6600

gei1/4# flocele per sack.

MCA before frac

sx total.

5 1/2", 15.5# 155 liner set @ 5424 - 6648'. Crntd w/100 sx reg & 100 sx poz w/2% gel, 1/8#/sx flocele. Flost didn't hold. Did not reverse out any cmt.

7 5/8", 26.4# casing set @ 5508". Bottom 13 N-80, LT&C.
Top 141 jts- 155, ST&C. 1st stage cmtd w/ 150 sx 50-50 poz,
4% gel (1/4# flocele per sack), followed by 50 sx neat cmt. 200

Squeeze #1: Perf 4 holes @ 6570', 4 holes @ 6380'. Attempt suicide sqeeze w/50 sx nest.

Squeeze #2: Sqeeze perís @ 6570° w/50 sx. nest. Sq. perís @ 6380' w/50 sx neat.

Squeeze #3: Sq. TOL @ 5224' w/100 sx nest. TOC ?

6518', (207 jts.) of 2-3/8", 4.7#, J55 EUE tbg. set @ 6528' w/ perf 3'. Pup jt. @ 6492' and

Wireline (3/96): Tight spot @ 6422'. Pin

TOC @ 1800' (CALC- 75% efficiency)

TOC @ 5060' (CALC- 75% efficiency)

2nd stage cmtd w/ 100 sx 50-50 poz, 4%

Perf @6480-6500, 6530-6566 (2 sh/ft) Fraced with 39250 gals oil and 40000# sand@48bbl/min. Spotted 7.5%

Baker two stage collar set at 2119'

tapped bullplug on bottom.

Collar(?) at 6498'

Production History: Gas cumulative: current:

3.35 Bcf 59.4 Mcf/d Oil 27.8 Mbo 0 BOPD

6 3/4" hole

TD 6665' Ownership: MOI SJBT

<u>NWI</u> 36.093750 % 46.406250 % **GWI** 43.750000% 56.250000%