State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-045-23017

1. **Type of Well**
GAS

5. **Lease Number**

6. **State Oil&Gas Lease #**
B-11505-60

2. **Name of Operator**
BURLINGTON RESOURCES **OIL & GAS COMPANY**

7. **Lease Name/Unit Name**
Day State

8. **Well No.**
2

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

9. **Pool Name or Wildcat**
Basin Dakota

4. **Location of Well, Footage, Sec., T, R, M**
1830'FNL, 1130'FWL, Sec.32, T-32-N, R-11-W, NMPM, San Juan County
E

10. **Elevation:**

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

13. Describe Proposed or Completed Operations

It is intended to repair the casing in the subject well according to the attached procedure and wellbore diagram.

RECEIVED
OCT 29 1996
OIL CON. DIV.
DIST. 3

SIGNATURE Peggy Bradfield (VGW4) Regulatory Administrator October 28, 1996

(This space for State Use)

Approved by Johnny Robinson **Title** DEPUTY OIL & GAS INSPECTOR, DIST. #3 **Date** OCT 29 1996

WORKOVER PROCEDURE - CASING REPAIR

Day State #2
Dakota
Unit E, Sec. 32, T32N, R11W
San Juan Co., New Mexico
DPNO 11628

1. Comply to all NMOCD, BLM, and MOI regulations. Conduct daily safety meetings for all personnel on location. **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.**

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 2-3/8" tubing 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. RU wireline and check tubing for piston or other obstructions. TIH and tag bottom. Record depth. TOH w/ 2-3/8" tubing. Visually inspect tubing, and replace joints that are in bad condition. Note any buildup of scale, and notify Operations Engineer.

5. TIH with 3-7/8" bit and 4-1/2" casing scraper to top of fill. TOH and LD bit and scraper. PU 7" casing scraper and TIH to top of liner. TOH and LD 7" casing sraper. PU 4-1/2" RBP and TIH. Set RBP at 7580'. Roll hole w/1% KCl water. Pressure test casing to 1000 psig. Spot one sack of sand on top of RBP. TIH with packer and isolate casing failure. Contact Operations Engineer for design of squeeze cement.

6. Establish injection rate into casing failure. Mix and pump cement. Squeeze cement into casing failure (maximum squeeze pressure 1000 psi). Hold squeeze pressure and WOC 12 hours (overnite).

7. TOH with packer. TIH with bit and drill out cement. Pressure test casing to 1000 psig. Re-squeeze as necessary to hold pressure.

8. TIH with retrieving tool and retrieve RBP. POH and LD RBP.

9. TIH with production tubing (seating nipple with pump-out plug one joint off bottom). CO to PBTD w/air. Blow well clean and gauge production. Land tubing at 7772'. ND BOP's and NU wellhead. Release rig.

Recommend: _____
Operations Engineer

Approve: _____ 10/22
Drilling Superintendent

Contacts: Operations Engineer Gaye White 326-9875

Day State #2

Current -- 10-15-96

Dakota

DPNO 11628

1830' FNL, 1130' FWL
Unit E, Sec. 32, T32N, R11W, San Juan County, NM
Latitude / Longitude: 36.943790/108.015590

Spud: 06-11-78
Completed : 10-18-78
Piston Installed: 1996
Elevation: 6534'(GL)
6546'(KB)
Logs: TS, CBL, Dens., GR-Neut.

Ojo Alamo @ 1686'

Fruitland @ 2689'

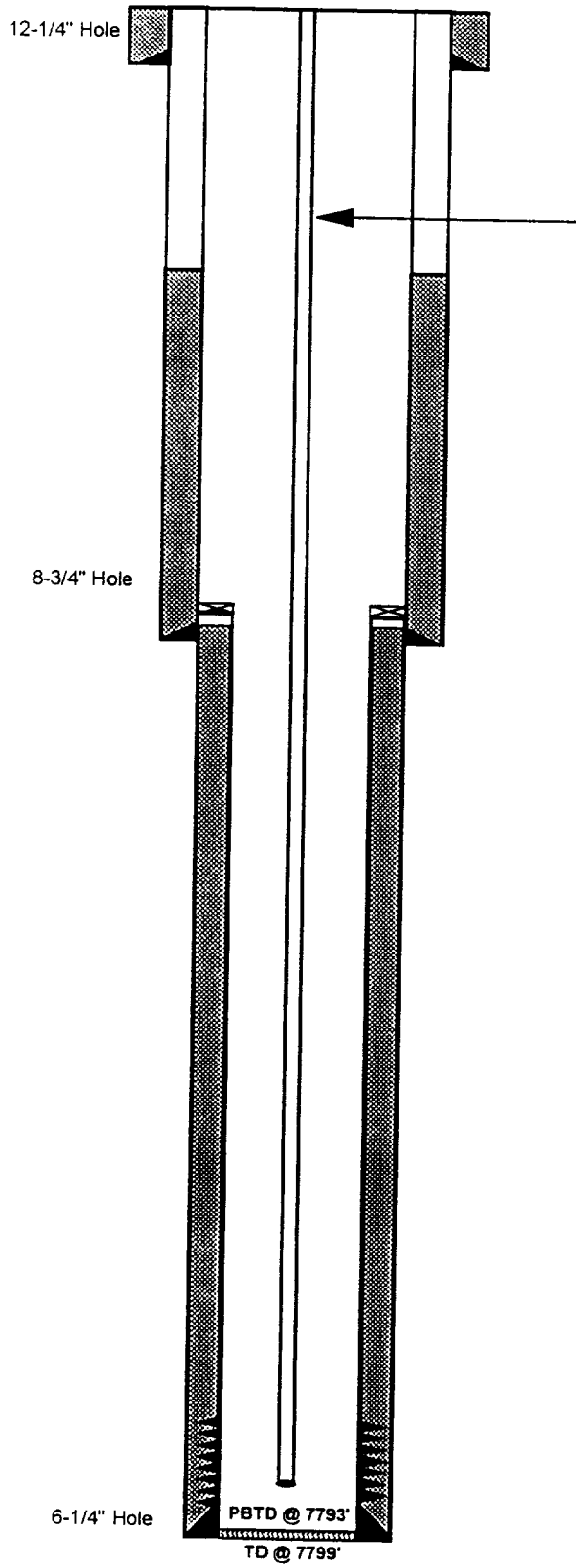
Pictured Cliffs @ 3176'

Cliff House @ 4675'

Point Lookout @ 5479'

Gallup @ 6771'

Dakota @ 7653'



9-5/8", 36#, K-55 Surface csg set @ 235 w/236 sx. Circ. 2 bbl to surface.

2 3/8", 4.7#, CSR-55 Tubing set @ 7724'. (245 jts)

TOC @ 2700' (TS)

7", 23#, K-55 csg set @ 3376' w/221 sx Class B 50/50 Poz, 6% gel, and 70 sx Class B w/2% CaCl2.

TOL @ 3217' (Type C Modified PBR).

TOC @ 3323'
(Calc. w/75% eff.)

Perfs @ 7682', 7685', 7709', 7715', 7760', 7764', 7768', 7772', 7790', 7793'. Frac'd w/26,450 gal 1% KCl water, 51,240 gal Apo lo 30 gel, 75,600# 20/40 sand.

4-1/2", K-55 liner set @ 3217' - 7799' w/486 sx Class B 50/50 Poz, 2% gel. 22 jts of 11.6# csg and 83 jts of 10.5# csg.

Initial Potential		Production History	Gas	Oil	Ownership		Pipeline
Initial AOF 1086 Mcf/d	1978	Cumulative	1.28 Bcf	1710 Bo	GWI:	11.25%	WFS
Current SICP 895 psi	1995	Current (8/96)	261 Mcf/d	0.5 Bo	NRI:	9.84%	
					SJBT	33.75%	