submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM
99 MAY 14 AM 9:05
070 FARMINGTON, NM

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

5. **Lease Number**
SF-078197

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

7. **Unit Agreement Name**

RECEIVED
MAY 20 1999
OIL CON. DIV.
DIST. 3

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

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

8. **Well Name & Number**
Nye #3

9. **API Well No.**
30-045-20679

4. **Location of Well, Footage, Sec., T, R, M**
1500'FNL, 900'FWL, Sec.8, T-29-N, R-10-W, NMPM

10. **Field and Pool**
Aztec Pictured Cliffs

11. **County and State**
San Juan County, 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	
	_X_ Casing Repair	___ Water Shut off	
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection	
	_X_ Other - Restimulation		

13. Describe Proposed or Completed Operations

It is intended to repair the casing and restimulate the Pictured Cliffs of the subject well according to the attached procedure and wellbore diagram.

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

Signed Peggy Bradfield Title Regulatory Administrator Date 5/13/99

trc

(This space for Federal or State Office use)

APPROVED BY /S/ Duane W. Spencer Title Team Lead, Petroleum Management Date MAY 17

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

Nye #3

Pictured Cliffs Slimhole Restimulation Procedure

E 8 29N 10W

San Juan **County, N.M.**

Latitude: 36 **Deg,** 44.61 **Min**

Longitude: 107 **Deg,** 54.8 **Min**

API # 300452067900

Summary:

The subject well is a 1970 Pictured Cliffs slimhole completion through 2 7/8" casing. The casing did not test when the initial attempt to restimulate this well was done. The casing leak will now be isolated and a free point will be run to determine if casing is free below the leak. If so, the casing will be backed off as deep as possible. New casing will be run and tied back in and a bond log will be run. If the BLM requires a squeeze job the procedure will be written at that time. The new casing will then be pressure tested to 3700 psi and the Pictured Cliffs will be restimulated with 56,613 gal of 70Q N_2 foamed 30# linear guar gel and 175,000# 20/40 mesh sand. The well will then be cleaned-up and the well will be returned to production. This well is a Type "C" well.

- Comply to all NMOCD, BLM, and BR regulations. Conduct daily safety meetings for all personnel on location. Notify BR 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. Allow adequate notice prior to the pump time for the Agency to witness the cementing operation.
- Inspect location and wellhead and install rig anchors prior to rig move.
- Construct blow pit.

Casing Repair

1. MOL, hold safety meeting, and RU completion rig. Insure all safety equipment is strategically located and functioning properly. NU relief lines to blow pit. ND wellhead and NU 7-1/16" 3M BOP, stripping head, and blooie line. Test BOP.

2. PU and TIH with a 2-7/8" RBP and 1-1/4" tubing. Set RBP at 2050'. Release from BP. Spot 10' of sand on BP. TOOH.

3. PU 1 jt. 2-7/8" tubing and screw into casing. MIRU wireline specialties. Freepoint 2-7/8" casing.

4. PU 2-7/8" packer. TIH with 2-7/8" packer on 1-1/4" tubing. Set packer at lowest 100% freepoint in casing. Pressure test casing below and above packer. Release packer and TOOH. If casing leak is below packer RDMO. If leak is above packer continue with step 5.

5. RIH with stringshot. Back off casing at lowest joint 100% free. RDMO wireline specialties.

6. Circulate hole clean. TOOH and lay down old 2-7/8" casing.

7. PU and TIH with new 2-7/8" casing. Screw in to existing casing.

8. Pressure test casing to 3700-psi for 15 minutes.

9. TIH with 1-1/4" tubing. Clean out to top of RBP. Latch on to 2-7/8" RBP and TOOH. Lay down RBP. TIH. CO to PBTD. TOOH and lay down 1-1/4" tubing.

10. RDMO

Nye #3
Pictured Cliffs Slimhole Restimulation Procedure
E 8 29N 10W
San Juan **County, N.M.**
Latitude: 36 **Deg,** 44.61 **Min**
Longitude: 107 **Deg,** 54.8 **Min**
API # 300452067900

Rigless Procedure

11. Install 2 7/8 In. 6.5# N-80 EUE 8rd sub and 5000 psi frac valve. Lay flowback line to pit.

12. Set two (2) 400 bbl frac tank(s) on location and fill with 640 bbl 2% KCl water. Treat tank with biocide prior to filling. Heat gel tank to 60-70 °F in winter.

13. RU stimulation company to frac down 2 7/8" casing. Hold pre-job safety meeting with all personnel on location. Pressure test surface lines to 4700 psi prior to stimulation. Breakdown perforations by bullheading 200 gals 15% inhibited acid with the following additives:

    - 1 gal/M HAI-81M (corrosion inhibitor)
    - 1 gal/M SSO-21M (surfactant)

    Fracture stimulate in 1 to 4 ppg stages at 35 BPM constant downhole rate with 53,488 gal of 70Q N_2 foamed 30# linear guar gel and 175,000# 20/40 mesh Arizona sand. **Maintain a bottom hole frac gradient of 0.65 psi/ft throughout job**. When sand is in hopper and the concentration begins to drop, call flush. **Maintain previous stage's slurry and N2 rates. Quick flush to 100 ft. above top perforation with +/- 222 fluid gals**. Maximum treating pressure is 3,700 psi. Monitor bottomhole treating pressure, surface treating pressure, downhole rate, foam quality, and sand concentration with computer van. Treat per the following schedule:

Stage	Foam Volume (gal)	Clean Gel Volume (gal)	Sand Volume (lbs)	Type
Pad	3,075	923	0	
1 ppg	2,000	627	2,000	20/40 Az
2 ppg	3,000	982	6,000	20/40 Az
3 ppg	25,200	8,594	75,600	20/40 Az
4 ppg	22,850	8,105	91,400	20/40 Az
Flush	488	222 @ 55% N2	0	20/40 Az
Totals	**56,613**	**19,453**	**175,000**	

Treat frac fluid with the following additives per 1000 gallons:

- 30# WG-19 (Gelling agent pre-mixed in full tank)
- 2.0 gal SSO-21M (Non-ionic surfactant pre-mixed in full tank)
- 0.5# GBW-3 (Enzyme breaker mixed on fly)
- 3.0 gal AQF-2 (Foamer mixed on fly)
- 0.18# BE-6 (Bacteriacide pre-mixed in full tank)
- 0.25 gal BA-20 (pH buffer mixed on fly)

14. Shut well in after frac and record ISIP. Empty remaining fluid in frac tanks to pit and RD stimulation company. Install flowback line above frac valve. Wait 1 hour before commencing flowback. Open well to pit in accordance to **flowback schedule enclosed in procedure**. If choke plugs off, shut well in and remove obstruction from choke and return to flowback schedule. **Do not replace with next larger choke size until schedule dictates.** Continue cleaning well up until fluid returns are negligible. **Take pitot gauges when possible.**

15. ND flowback line, frac valve, and isolation tool. NU production valve with flow tee. NU flowback line.

Swab Rig Clean-Up

16. MIRU Silver Star. PU and RIH with 2 1/4" sand bailer. CO to PBTD at 2,219 '. Monitor gas and water returns. **Take pitot gauges when possible.**

17. Continue cleaning up after frac until sand returns are a trace and fluid recovery is less than 2 BPH. TOOH. **Take final pitot gauge.**

18. RD and release swabbing unit.

Approve: _____ 5/13/99
Team Leader

Approve: _____
Drilling Superintendent

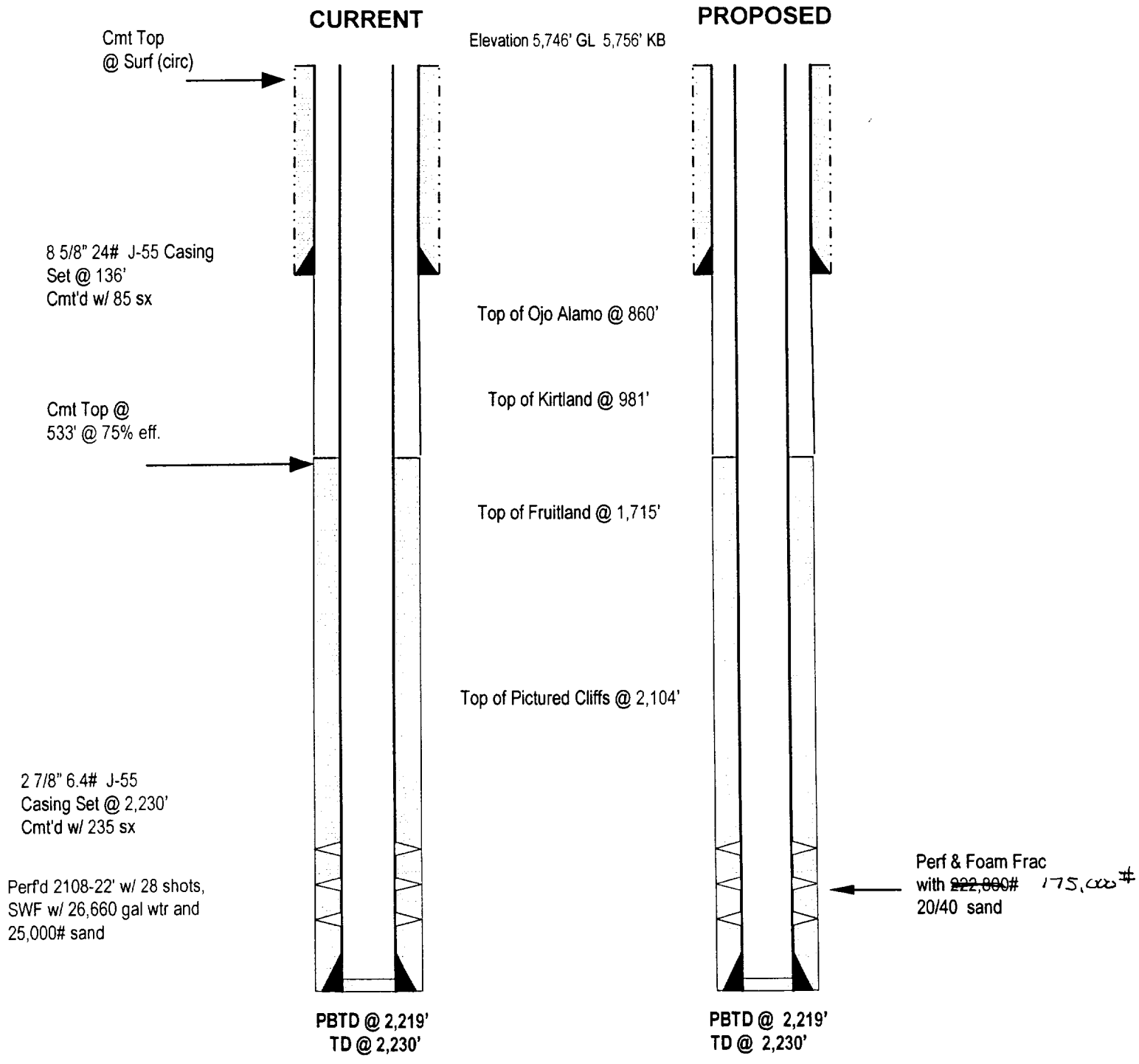
VENDORS:

Wireline:	Wireline Specialties	327-7141	
Fishing Tools:	Baker	327-3266	
Stimulation:	Halliburton	325-3575	
Cement:	Cementers Inc.	632-3683	
IsolationTool, Frac Valve, & Flowback Line:	Calder Services	325-8771	
Scott Dobson	Office: 326-9813	Home: 564-3244	Pager: 326 - 8036

Nye # 3

Section 8 E, T-29 -N R-10 -W
San Juan, New Mexico

Aztec Pictured Cliffs Field
Wellbore Schematic



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