submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

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

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

4. **Location of Well, Footage, Sec., T, R, M**
1140'FNL, 800'FEL, Sec.21, T-27-N, R-5-W, NMPM

5. **Lease Number**
SF-079394

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

7. **Unit Agreement Name**
San Juan 27-5 Unit

8. **Well Name & Number**
San Juan 27-5 Unit #30

9. **API Well No.**
30-039-07000

10. **Field and Pool**
Tapacito PC/Blanco MV

11. **County and State**
Rio Arriba 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	___ Recompletion	___ Plugging Back
___ Subsequent Report	___ Casing Repair	___ Altering Casing	_X_ Other -
___ Final Abandonment	___ Change of Plans	___ New Construction	___ Non-Routine Fracturing
	___ Water Shut off	___ Conversion to Injection	

13. **Describe Proposed or Completed Operations**

It is intended to isolate water production and perform cement squeeze operations on the subject well according to the attached procedure and wellbore diagram.

NOV 2000
RECEIVED
OIL CON. DIV.
DIST. 3

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

Signed Peggy Cole Title Regulatory Supervisor Date 11/20/00

TLW

(This space for Federal or State Office use)
APPROVED BY /s/ Jim Lovato Title _____ Date NOV 21
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.

San Juan 27-5 Unit #30

Menefee / Cliff House Cement Squeeze Procedure
1140' FNL, 800' FEL
Unit A, Sec. 21, T-27-N, R-05-W
Rio Arriba County, NM

Project Summary:

The San Juan 27-5 Unit #30 is a 2000 Lewis, Cliff House and Menefee Payadd that was performed in combination with a PC Re-stimulation in October of 2000. After testing the Pc at 740 MCFPD, attempts to flow test the Mesaverde were unsuccessful. During the workover operations the Mesaverde intervals produced water at rates of 100+ BPD. The decision was made to rig down and use a swabbing unit for additional Mesaverde fluid recovery. After a week of swabbing the Mesaverde still is not capable of sustained production due to fluid loading.

Completion Procedure:

The following procedure details the proposed operations to isolate and squeeze off water production. Following this work, the production streams from the Mesaverde and PC will be commingled.

Comply with all NMOCD, BLM and BR regulations. Conduct daily safety meetings for all personnel on location. **Notify BR regulatory (Peggy Cole 326-9727)** and the appropriate Regulatory Agency prior to pumping **any** cement job and after CBL is run. **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.

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. Blow well down and kill with 2% KCl water as necessary. ND wellhead. NU BOP, stripper head and blooie line. Test BOP.

2. TOOH w/ 181 jts. 2-3/8" 4.7# J-55 tubing landed at 5643' and stand back.

3. RU wireline. Set CIBP @ ±5480' (Top Point Lookout perf @ 5497').

4. TIH with 5-1/2" packer on 2-3/8" tubing. Set packer @ ±5450' (Bottom Menefee perf @ 5438'). Pressure test CIBP to 4050 psi. Bleed off pressure.

5. Release packer and re-set at ±5200' (packer setting is between top Menefee perf at 5242' and bottom Cliff House at 5128'). Swab well and measure the gas and water rates.

6. Contact Drilling Manager and Production Engineer to discuss results. If cement squeeze is warranted for the Menefee, establish injection rate below packer. TOOH.

7. Pick up 5-1/2" RBP and TIH. Set RBP at ±5175' and set packer at ±4950' (packer setting is between top Cliff House at 5002' and bottom of Lewis perf at 4720"). Swab well and measure the gas and water rates.

8. Contact Drilling Manager and Production Engineer to discuss results. If cement squeeze is warranted for the Cliff House, establish injection rate below packer.

9. After testing Menefee and Cliff House intervals for water production. Release packer and retrieve RBP. Set 5-1/2" RBP at ±4800' and set packer at ±4250'. Swab Lewis House interval (perfs 4300' – 4720' OA) and measure the gas and water rates.

10. Contact Drilling Manager and Production Engineer to discuss results. If cement squeeze is warranted for the Lewis, establish injection rate below packer.

11. Release packer and retrieve BP. TOOH.

12. After reviewing results, proceed to squeeze the intervals that are producing water with the following procedures.

San Juan 27-5 Unit #30
Menefee / Cliff House Cement Squeeze Procedure
1140' FNL, 800' FEL
Unit A, Sec. 21, T-27-N, R-05-W
Rio Arriba County, NM

13. **Menefee Squeeze**: If the Menefee interval requires a cement squeeze, set cement retainer at +5175' (Menefee perfs 5242'-5438'). Squeeze with 100 sx of Class "B" neat w/ 2% CaCl. Maximum pressure is 4050 psi.

14. **Cliff House Squeeze**: If the Cliff House Interval requires a cement squeeze, set 5-1/2" CIBP @ 5150' (if cement retainer was not needed to squeeze Menefee) set cement retainer at ±4900 (Cliff House perfs 5002'-5128'). Squeeze with 100 sx of Class "B" neat w/ 2% CaCl. Maximum pressure is 4050 psi.

15. **Lewis Squeeze**: If the Lewis Interval requires a cement squeeze, set 5-1/2" CIBP @ 4800' (if cement retainer was not needed to squeeze Cliff House) set cement retainer at ±4150 (Lewis perfs 4300'-4720'). Squeeze with 150 sx of Class "B" neat w/ 2% CaCl. Maximum pressure is 4050 psi.

16. After isolating and squeezing the water production. TIH with 3-7/8" mill tag cement retainers and blow well to measure gas and water rates prior to drilling out each cement retainer.

17. After drilling out and flow testing all squeeze intervals, continue TIH with 3-7/8" mill. Drill out CIBP ±5480' and clean out to 5760'. TOOH.

18. Call for test unit/separator and pit to be delivered to location to test Mesaverde Gas/Oil/Water rates. (Lary Byars @ 326-9865).

19. TIH with Model B down hole shut-off valve placed one joint above packer & TIH. Set packer @ ±4200'. RU test unit and pit. Flow test Mesaverde up tubing with 135 psi back pressure on test unit. Run a minimum 3-hour test and record results on DFW report. Be sure that it is a stabilized test, no spikes that indicate loading or surging. If the well is unstable continue with test until a stable 3 hour test has been recorded.

20. RD test unit. Release packer and TOOH.

21. PU 2-3/8" expendable check; 1 jt. 2-3/8" 4.7# J-55 tubing; 2-3/8" S.N. w/ 1.78" ID; and remaining 2-3/8" 4.7# J-55 tubing.

22. TIH w/ 2-3/8" 4.7# J-55 tubing. Land tubing @ ±5643' KB. Pump off check valve. Flow up tubing. **Take final water rates and pitot gauge for gas rates.** RD and release rig.

Approve: 14 NOV 00 for RdC
Team Leader

Approve: Bruce D. Boyd 11-15-00
Drilling Superintendent

Recommend: 11-14-00
Production Engineer

Regulatory: Sundry Notice Required
Yes X
No

11-20-00

Production Engineer :
Randy Buckley Home 599-8136 Office 326-9597 Pager 326-8500

San Juan 27-5 Unit #30

Unit A, sec 21, 27N, 5W
Rio Arriba Co. NM

Wellbore Configuration as of 11/1/2000