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

5. **Lease Number**
NMSF-079250

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

7. **Unit Agreement Name**
San Juan 28-5 Unit

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

8. **Well Name & Number**
San Juan 28-5 U #93

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

9. **API Well No.**
30-039-20876

4. **Location of Well, Footage, Sec., T, R, M**
1715'FNL, 1580'FEL, Sec.15, T-28-N, R-5-W, NMPM

10. **Field and Pool**
Basin Dakota

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	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other - Bradenhead repair	

13. **Describe Proposed or Completed Operations**

It is intended to repair the bradenhead of the subject well according to the attached procedure.

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

Signed _____ (MW8) Title Regulatory Supervisor Date 9/25/02
no

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date OCT - 7
CONDITION OF APPROVAL, if any:

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

Area 8

SAN JUAN 28-5 UNIT 93
Dakota
1715' FNL & 1580' FEL
Unit G, Sec. 15, T28N, R05W
Latitude / Longitude: N36° 39.834' / W107° 20.616'
AIN: 4472901
9/25/2002 Bradenhead Repair Procedure

Summary/Recommendation:

SAN JUAN 28-5 UNIT 93 was drilled and completed as a Dakota producer in 1974. During completion, the 4-1/2" longstring parted and was patched. In July 1996 cleanout and tubing repair work was performed. The casing pressure tested good from the casing patch to surface – the casing did not test from the perfs to the casing patch. H2O was circulated down the 4-1/2" casing and out the 7" intermediate casing annulus. A packer was set above the Dakota perfs to isolate the holes in the 4-1/2" casing.

A bradenhead test performed 7/23/01 showed 248psi on the intermediate casing and 118psi on the production casing. The Bradenhead was TSTM. The Aztec NMOCD office has demanded remedial action be completed as soon as possible to satisfy a **12/1/01** deadline. We recommended setting a CIBP over the DK formation to identify the cause of intermediate and production casing pressure. Average 3-month production is 110MCFD with cumulative production of 1.7BCF; remaining reserves are 990MMCF.

1. Comply with all BLM, and BROG regulations. Conduct daily safety meetings for all personnel on location. **Notify BROG Regulatory (Peggy Cole 326-9727) and the appropriate Regulatory Agency prior to pumping <u>any</u> cement job. If an unplanned cement job is required, <u>approval is required before the job can be pumped</u>. <u>If verbal approval is obtained, document the approval in DIMS</u>.** Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.

2. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCl water if necessary. ND WH and NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.

3. Arrow Completions AS1-X retrievable packer (on 1.9" 2.9# J-55 tubing) is set at 7,739'. Release donut and pick up an additional joint of tubing. Set down 6-8K on packer and apply right-hand torque 1-2 turns. Pick up with torque still applied and pull 6-8K over string weight to release packer. Lay down packer and tubing, approximately 200' of tailpipe below packer. Record condition of tubing and notify Operations Engineer/Senior Rig Supervisor. If packer will not unseat call Weatherford Completions, 326-5141, for help.

4. PU CIBP and packer for 4-1/2" 10.5# J-55 casing on 2-3/8" workstring and set CIBP at 7,811' (50' above Dakota perforations 7,861-7,978'). Load hole and pressure test and pressure test CIBP to 500psi for 30 min – record leak-off if any. Pressure test 4-1/2" casing to 500psi for 30min – record leak-off if any. Trip up hole and isolate holes in 4-1/2" casing. TOOH. Report to Operations Engineer/Senior Rig Supervisor.

5. Run CBL from 7,811' to determine TOC between the 4-1/2" casing and 7.0" 20.0# J-55 intermediate casing. Identify and record TOC and report to Operations Engineer/Senior Rig Supervisor. **<u>If TOC is up into 7.0" intermediate casing shoe (3,830'), proceed to Step 10.</u>**

6. **If TOC is below the 7.0" intermediate casing shoe (3,830'):** prepare to squeeze cement. The HUERFANITO BENTONITE has been identified at 4,245'. Shoot two squeeze holes in 4-1/2" casing at 4,245' or nearest TOC depending on location of holes in 4-1/2" casing identified in Step 4.

7. PU cement retainer and trip in hole; set retainer 100' above squeeze holes. Sting into cement retainer and squeeze 4-1/2" casing with Cl B neat cement. Use 100% excess to 100' up into the 7.0" intermediate casing. Sting out of cement retainer and monitor for reverse circulation. TOOH and WOC overnight.

8. PU 3-7/8" bit and TIH to cement retainer. Drill cement retainer and dress off squeeze holes. Pressure test squeeze to 500psi for 30min.

9. Run CBL from squeeze holes to TOC. Identify and record TOC, if the TOC is not 100' above the 7.0" shoe call Operations Engineer/Senior Rig Supervisor for contingency plan.

10. Load 4-1/2" casing with H_2O. Load 7.0" by 4-1/2" annulus with H_2O. P-test 7.0" by 4-1/2" annulus 500psi for 30min. Record leak-off if any.

11. IF PRESSURE TEST FAILS: ND BOP and ND C-section. NU BOP on B-section. Cut and recover 4-1/2" casing above 7.0" shoe and above TOC. TOOH and LD 4-1/2" casing. TIH w/ RBP-packer combo to search for holes in 7.0" casing. Isolate hole(s) in 7.0" casing and contact Operations Engineer/Senior Rig Supervisor. Prepare to squeeze holes.

12. IF PRESSURE TEST HOLDS: TIH w/ 2-3/8" workstring and 3-7/8" mill. Unload hole at 3900' and again above CIBP. Mill CIBP with 12bph foam/mist. Chase plug to bottom, PBTD 8,040', and CO to PBTD with air/mist **using a minimum mist rate of 12 bph.**

13. Run original 1.9" 2.9# J-55 production tubing in well – replace joints as necessary. TIH w/ 1.9" 2.9# J-55 production string with an expendable check on bottom, seating nipple, one joint 1.9", 2' x 1.9" pup joint, then ½ of the 1.9" tubing. Run a broach on sandline to insure the tubing is clear. TIH with remaining 1.9" tubing and ther broach this tubing.

14. Land tubing no lower than 7,930'. ND BOP and NU WH. Pump off expendable check. Obtain final pitot gauge up the tubing. Connect to casing and circulate air to assure that the expendable check has pumped off. **If well will not flow on its own, make swab run to seating nipple.** During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production. RD and MOL. Return well to production.

Recommended: _____ 9/25/02
Operations Engineer
Mike Wardinsky

Approved: _____ 9/25/02
Drilling Manager
Bruce Boyer

Sundry Required: (YES) NO

Approved: _____ 9-25-02
Regulatory
Peggy Cole

Operations Engineer:	Mike Wardinsky	Office: 599-4045	Cell: 320-5113		
Lease Operator:	Bobby Heinen		Cell: 320-2615	Pager: 949-4253	
Specialist:	Garry Nelson		Cell: 320-2565	Pager: 326-8597	
Foreman:	Ken Johnson	Office: 326-9819	Cell: 320-2567	Pager: 324-7676	

MHW/clc