

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON**

RESOURCES OIL &amp; GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1525' FNL, 945' FEL, Sec. 25, T-30-N, R-6-W, NMPM

5. Lease Number

NMSF-078741

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

San Juan 30-6 Unit

8. Well Name & Number

San Juan 30-6 U #490

9. API Well No.

30-039-24868

10. Field and Pool

Basin Fruitland Coal

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

☒ Notice of Intent☐ Abandonment☐ Change of Plans☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging Back☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection☒ Other - pull 4 1/2" casing

13. Describe Proposed or Completed Operations

It is intended to pull the 5 1/2" tie-back casing from the subject well according to the attached procedure. After the tie-back casing is pulled, a pump will be installed.

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Signed Nancy Oltnans (DMFC7) Title Senior Staff Specialist Date 9/16/03  
no

(This space for Federal or State Office use)

APPROVED BY /s/ Jim Lovato Title \_\_\_\_\_ Date SEP 22 2003

CONDITION OF APPROVAL, if any:

NMOCD

**San Juan 30-6 Unit 490**  
**Fruitland Coal**  
**AIN: 510801**  
**1525' FNL & 945' FEL**  
**Unit G, Sec. 25, T30N, R06W**  
**Latitude / Longitude: 36° 47.184/ 107° 24.624**  
**Recommended Pump Install Procedure**

The San Juan 30-6 Unit 490 was drilled and completed in 1991. The well has dropped below its minimum lift rate of aprx. 1,850 Mcfd and is experiencing liquid loading problems. Nodal analysis shows that flowing the well through tubing to address the loading issue would restrict production to 1,000 Mcfpd. This would be a loss of 800 Mcfpd over producing the well up the casing annulus while pumping liquids up the tubing. Therefore, estimated uplift is risked to 400 MCF/D.

**Rod Pump Installation Procedure:**

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 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 as much time as possible prior to pump time in case the Agency decides to witness the cement job.
2. At the most appropriate point during the job, rotate the wellhead so that it is oriented 90° (right angle) to the long axis of the rig anchor pattern with the valve handles facing the rig.
3. Broach tubing and set tubing plug in tubing at 3450'. Fill tubing with half of its volume of 2% KCL to insure the tubing plug will be held in place. 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.
4. Fruitland Coal tubing is 2-3/8", 4.7# J-55 set at 3450'. Release donut. PU additional joints of 2-3/8" tubing and tag bottom, recording the depth. COTD should be at +/- 3590'. TOOH with tubing. Visually inspect tubing for corrosion, notify engineer of overall string condition and replace any bad joints.
5. RU to pull the 5-1/2", 15.5#, K-55 tie-back casing. Change out pipe rams in BOP and RU casing crew. Pull and laydown 84 joints of casing. Do not fish original liner. The 5-1/2" tie-back casing now runs from surface to +/-3450'. The original liner top is at +/-3500'. RD casing crew.
6. Set 7" positrieve packer in wellbore with one stand of tubing. ND 5-1/2" casing spool. Release packer and POOH. Kill well with produced FTC water as needed for well control.
7. If fill was encountered in Step #4, TIH with 4-3/4" mill, bit and bit sub on 2-3/8" tubing and clean-out with air/mist to PBTD (3590'). NOTE: When using air/mist, minimum mist rate is 12 bph.
8. Rabbit all tubing prior to TIH. TIH with a bull plug on a 2-3/8" x 6' pup joint, a 2-3/8" Collar Size Gas Separator, a 2-3/8" x 15' pup joint, a 1.78" seating nipple, and then remaining 2-3/8" tubing. (All downhole assembly pieces to be provided by Energy Pump & Supply.) Land the end of tubing 5' above CO or PBTD at 3590'. If excessive fill is encountered, discuss landing depth with Operations Engineer. ND BOP and NU WH.
9. **DO NOT** bucket test the pump. PU and TIH with 2" x 1.25" x 10' x 14' RHAC-Z insert pump with **NO** dip tube from Energy Pump & Supply, 4 - 1-1/4" Flex-Bar sinker bars, approx. 114 - 3/4" Norris "D" sucker rods with T-couplings to surface. Test pump action and hang rods on pumping unit. **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.

San Juan 30-6 Unit 490  
Recommended Pump Install Procedure

Recommended:   
Operations Engineer

Operations Engineer      Doug Mussett  
599-4067 (Office)  
326-8515 (Pager)

Approved:  7-2  
Drilling Manager

Sundry Required: YES / NO

Approved:  7-2-03  
Regulatory Approval

Production Foreman: Bruce Voiles 326-9571 (Office) 327-8937 (Pager)  
Specialist: Gabe Archibeque 320-2478 (Cell) 326-8256 (Pager)  
Lease Operator: Steve Staments 320-2516 (Cell) 327-8871 (Pager)

## **BLM CONDITIONS OF APPROVAL**

**Operator** Burlington Resources O & G

**Well Name** SJ 30 -6 Unit # 490

**Legal Location** 1525 FNL / 945 FEL

**Sec** 25, **T.** 30N, **R.** 6W

**Lease Number** SF-078741

**Field Inspection Date:** N/A

The following stipulations will apply to this well unless a particular Surface Managing Agency or private Surface owner has supplied to the BLM and the operator a contradictory environmental stipulation. The failure of the operator to comply with requirements may result in the assessments of penalties pursuant to **43 CFR 3163.1 or 3163.2**. A copy of these conditions of approval shall be present on the location during construction, drilling and reclamation activity.

An agreement between operator and fee land owner will take precedence over BLM surface stipulations, unless **(In reference to 43 CFR Part 3160): 1)** BLM determines that operators actions will affect adjacent Federal or Indian surface, or **2)** operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or **3)** no such agreement exists, or **4)** in the event of well abandonment, minimal Federal restoration requirements will be required.

**STANDARD STIPULATIONS FOR ALL WORKOVERS:** All surface areas disturbed during workover activities and not in use for production activities, will be reseeded the first July – September period after the well has been put back into production. This should occur in the first 12 months after completion of workover activities.

### **SPECIAL STIPULATIONS FOR THIS SITE:**

1. Pits will be fenced during workover operation.
2. All disturbance will be kept on existing pad.
3. Empty and reclaim pit after work completed.
4. Pits will be lined with an impervious material at least 12 mils thick Prior to closing the pit, the liner will be cut off at mud level. The excess liner will be hauled to a licensed disposal area.