submitted in lieu of Form 3160-5

**UNITED STATES**
**DEPARTMENT OF THE INTERIOR**
**BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

99 FEB 24 PM 12:37

070 FARMINGTON, NM

1. **Type of Well**
GAS

**Lease Number**
SF-078503

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

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

RECEIVED
MAR - 4 1999
OIL CON. DIV.
DIST. 3

7. **Unit Agreement Name**
San Juan 29-7 Unit

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

8. **Well Name & Number**
San Juan 29-7 U#110M

9. **API Well No.**
30-039-22401

4. **Location of Well, Footage, Sec., T, R, M**
1850'FSL 1000'FEL, Sec.31, T-29-N, R-7-W, NMPM

10. **Field and Pool**
Blanco MV/Basin DK

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 commingle the subject well according to the attached procedure and wellbore diagram.

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

Signed [signature] (LTL8) Title Regulatory Administrator Date 2/22/99

TLW

(This space for Federal or State Office use)
APPROVED BY /S/Duane W. Spencer Title Team Lead, Petroleum Management Date MAR - 2 1999
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

# San Juan 29-7 Unit #110M

## Blanco Mesaverde / Basin Dakota

## 1850' FSL, 1000' FEL

## Unit I, Sec. 31, T-29-N, R-7-W

## Latitude / Longitude: 36°40.81788' / 107° 36.36930'

## Recommended Commingle Procedure 2/2/99

**Project Justification:** Lateral compression was installed in 11/97, lowering line pressures from approximately 250 psig to 100 psig. The Dakota side of this dual well experienced an immediate production increase, but shortly thereafter, production rates began decreasing rapidly while line pressures remained relatively stable; this is an indication of liquid loading. The bottommost perforations in the well are in the Lower Cubero section of the Dakota formation, a section directly above the water productive Encinal Canyon. The lease operator has reported that due to the liquid production in the Dakota, it is necessary to blow and/or swab the zone regularly in order to continue production. Commingling the gas streams from the Mesaverde and Dakota and producing them through a common tubing string will allow the well to more easily lift its own liquids. Although unlikely, a CIBP may be set in order to stop water production from the lower Dakota perforations.

**NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 11'**

1. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Prior to moving in rig, make one-call and then verify rig anchors and dig pit.

2. MIRU workover rig. NU relief-line and blow well down (kill with 2% KCL water only if necessary). ND WH and NU BOP with offset spool and stripping head. Test and record operation of BOP rams. Replace any WH valves that do not operate properly. Test secondary seal and install or replace if necessary. **NOTE: Have WH serviced at machine shop as needed. A single-tubing donut and WH for 2-3/8" tubing will be needed.**

3. **Dakota, 2-3/8", 4.7#, J-55 tubing set at 7759' (243 jts) (3-1/16" Blast jts. run from 5524'-5625').** Broach 2-3/8" tubing and set tubing plug in nipple at **7726'**. Fill tubing with half of its volume of 2% KCL water to insure the tubing plug will be held in place. **Mesaverde, 1-1/2", 2.9#, WP-55 tubing set at 5928' (185 jts).** PU additional joints of 1-1/2" tubing and CO on top of packer at **6050'** with air/mist. **NOTE: When using air/mist, mist rate must not be less than 12 bph.** TOOH and LD 1-1/2" tubing. ND offset spool. Pick straight up on 2-3/8" tubing to release Baker Model "G-22" seal assembly from 7" Baker Model "D" packer (seal assembly set with 10,000# compression). TOOH and stand back 2-3/8" tubing. LD seal assembly. Visually inspect tubing for corrosion, and replace any bad joints. Check tubing for scale and notify Operations Engineer and Drilling Superintendent if it is present.

4. PU and TIH with 5-3/4" washover shoe, washover assembly, and 2-3/8" tubing. Mill over upper slips on the packer with air/mist. TOOH with washover assembly and LD. PU and TIH with tubing spear (packer has a 3.25" bore) and 2-3/8" tubing. Spear packer and TOOH. LD packer and tubing spear.

5. PU 3-7/8" bit, bit sub, and watermelon mill on 2-3/8" tubing and round-trip to PBTD (**7841'**), cleaning out with air/mist. Speak with Operations Engineer and Drilling Superintendent, and if necessary, determine the best way to remove scale from the casing and perforations. Obtain a pitot gauge from the casing and an estimate of water production; report these to the Operations Engineer and Drilling Superintendent, and discuss setting a CIBP at 7695'. LD bit, bit sub, and mill.

6. TIH with one joint of 2-3/8", 4.7#, tubing with expendable check, F-nipple (one joint off bottom), then ½ of the 2-3/8" production tubing. Run a broach on sandline to insure that the tubing is clear. TIH with remaining 2-3/8" tubing. Replace any bad joints. CO to PBTD with air/mist. Report water production rates to Operations Engineer and Drilling Superintendent.

7. PU above the Mesaverde perforations at **4977'** and flow the well naturally, making short trips for cleanup when necessary.

8. Land tubing at **7740' (If a CIBP was set in step 5, land tubing at 7630')**. Obtain pitot gauge from casing and report this gauge. Broach the upper ½ of the production tubing. ND BOP and NU single-tubing hanger WH. Pump off expendable check. Connect to casing and circulate air to assure that expendable check has

pumped off. If well will not flow on its own, make swab run to F-nipple. RD and MOL. Return well to production.

Recommended: L. Tom Loveland Operations Engineer 2/4/99 Approved: Bruce D. Boyd 2-8-99 Drilling Superintendent


Operations Engineer: L. Tom Loveland

Office 326-9771
Pager 324-2568
Home 564-4418

# San Juan 29-7 Unit #110M

*CURRENT*

**Blanco Mesaverde/Basin Dakota**

**1850' FSL, 1000' FEL,**
**SE Section 31, T-29-N, R-7-W, Rio Arriba County, NM**
**Latitude/Longtitude: 36°40.8179'/107°36.3693'**

Today's Date: 1/21/99
Spud: 1/20/81
Completed: 9/1/81
Elevation: 6648' (GL)
6659' (KB)
Logs: GR-IND; GR; CDL; TS; CBL
Workovers:
None

Ojo Alamo N/A

Kirtland N/A

Fruitland N/A

Pictured Cliffs N/A

Chacra N/A

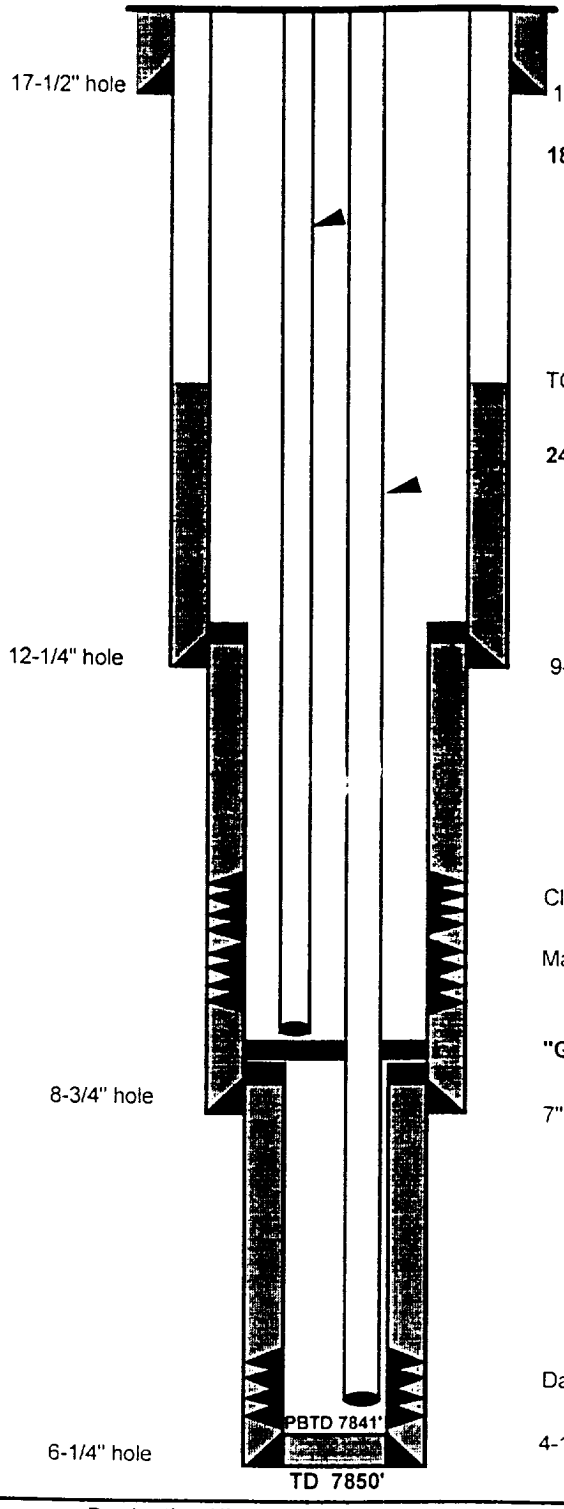
Mesaverde @ 4970'
Menefee @ 5124'

Point Lookout @ 5536'

Gallup @ 6525'

Greenhorn @ 7498'
Graneros @ 7556'

Dakota @ 7693'




13-3/8", 48.0#, H-40, Csg set @ 238',
Cmt w/278 cf; Circulated to Surface.

**185 jts 1-1/2", 2.9#, WP-55 tbg set @ 5928',**
**(Hardison Fisher SN @ 5895')**

TOC @ 2300' (TS)

**243 jts 2-3/8", 4.7#, J-55 tbg set @ 7759',**
**(SN @ 7726', ID=1.780"; 3-1/16" blast jts 5524' - 5625'.)**

9-5/8", 40.0#, N-80, Csg set @ 3730',
Cmt w/847cf

Cliff House & Menefee Perforations: 4977'-5349'

Massive & Lower Point Lookout Perforations: 5476'-594

**"G-22" S.A. set in Model "D" packer @ 6050' with 10000# compression**

7", 23.0#, N-80, Liner set from 3559'-6138'.
Cmt w/646 cf; Rev. out 20 bbls cmt)

Dakota Perforations: 7602'-7800'

4-1/2", 11.6#, K-55, Liner set 6073'-7850'
Cmt w/325 cf; Did not rev. out cmt;
Ran CBL & Cmt was ok.

| Initial Potential | | | Production History | Gas | Oil | Ownership | | Pipeline |
|---|---|---|---|---|---|---|---|---|
| Initial AOF: | 14153 Mcfd | (8/81)(MV) | Cumulative: | 1292.5 MMcf (MV) | 9.1 Mbo | GWI: | 62.52% (MV) | EPNG |
| Initial AOF: | 1465 Mcfd | (7/81)(DK) | Cumulative: | 1176.7 MMcf (DK) | 3.1 Mbo | GWI: | 63.76% (DK) | |
| Current SICP: | 492 psig | (7/93)(MV) | Current: | 129.9 Mcfd (MV) | 0.0 bbls/d | NRI: | 52.80% (MV) | |
| Current SICP: | 723 psig | (4/92)(DK) | Current: | 60.2 Mcfd (DK) | 0.5 bbls/d | NRI: | 53.02% (DK) | |
| | | | | | | TRUST: | 4.40% (MV) | |
| | | | | | | TRUST: | 7.10% (DK) | |