

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

1520' FSL 1810' FEL, Sec. 30, T-29-N, R-7-W, NMPM

5. Lease Number  
SF-078503

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name  
San Juan 29-7 Unit

8. Well Name & Number  
San Juan 29-7 U#109M

9. API Well No.  
30-039-22399

10. Field and Pool  
Mesaverde/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

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - commingle	

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 *Reggie Shashield* (LTL) Title Regulatory Administrator Date 7/9/98  
TLW

(This space for Federal or State Office use)

APPROVED BY *W. Duane W. Spencer* Title \_\_\_\_\_ Date JUL 17 1998  
CONDITION OF APPROVAL, if any:

NMCCD

DHC-1878 (5)

RECEIVED  
JUL 20 1998  
OIL CON. DIV.  
DIST. 3

**San Juan 29-7 Unit #109M**  
**Blanco Mesaverde / Basin Dakota**  
**1520' FSL, 1810' FEL**  
**Unit J, Sec. 30, T-29-N, R-7-W**  
**Latitude / Longitude: 36° 41.64096' / 107° 36.54696'**  
**Recommended Commingle Procedure 6/30/98**

**NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 12'.**

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 will be needed.**
3. **Dakota, 2-3/8", 4.7#, J-55 tubing set at 7470' (233 jts – Lease operator cannot retrieve piston).** Broach 2-3/8" tubing and set tubing plug in nipple at 7438'. 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#, J-55 tubing set at 5521' (170 jts).** PU additional joints of 1-1/2" tubing and tag for fill on top of packer at 5666'. If fill is present, TOO H with 1-1/2" tubing, LD orange-peeled jt, and then round-trip 1-1/2" tubing to CO on top of packer with air/mist. **NOTE: When using air/mist, mist rate must not be less than 12 bph.** TOO H 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). TOO H 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 if it is present.
4. PU and TIH with 5-3/4" washover shoe, washover assembly, and 2-3/8" tubing. Packer has a 3.25" seal bore. Mill over upper slips on the packer with air/mist. TOO H with washover assembly and LD. PU and TIH with tubing spear and 2-3/8" tubing. Spear packer and TOO H. LD packer.
5. PU 3-7/8" bit, bit sub, and watermelon mill on 2-3/8" tubing and round trip to PBTD (7511'), cleaning out with air/mist. Speak with Operations Engineer, and if necessary, determine the best way to remove scale from the casing and perforations.
6. TIH with one joint of 2-3/8", 4.7#, tubing with expendable check, F-nipple (one joint off bottom), then 1/2 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.
7. PU above the Mesaverde perforations at 4631' and flow the well naturally, making short trips for clean up when necessary.
8. Land tubing at 7425'. Obtain pitot gauge from casing and report this gauge. Broach the upper 1/2 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 7/6/98

Approved:

*Bruce W. Boyer* 7-7-98  
Drilling Superintendent

Operations Engineer: L. Tom Loveland

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

# San Juan 29-7 Unit #109M

## CURRENT

Blanco Mesaverde / Basin Dakota Dual

1520' FSL, 1810' FEL,  
SE Section 30, T-29-N, R-7-W, Rio Arriba County, NM  
Latitude/Longitude: 36°41.64' / 107°36.55'

Today's Date: 6/25/98  
Spud: 12-21-80  
Completed: 7-29-81  
Elevation: 6303' (GL)

Logs: I-GR, FDC, TS

Workovers: 6-81 - Repaired hole in csg  
2-89 - Installed piston on DK

Ojo Alamo N/A

Kirtland N/A

Fruitland N/A

Pictured Cliffs @ 3017'

Lewis @ 3252'

Chacra @ 3958'

Mesaverde @ 4622'

Menefee @ 4740'

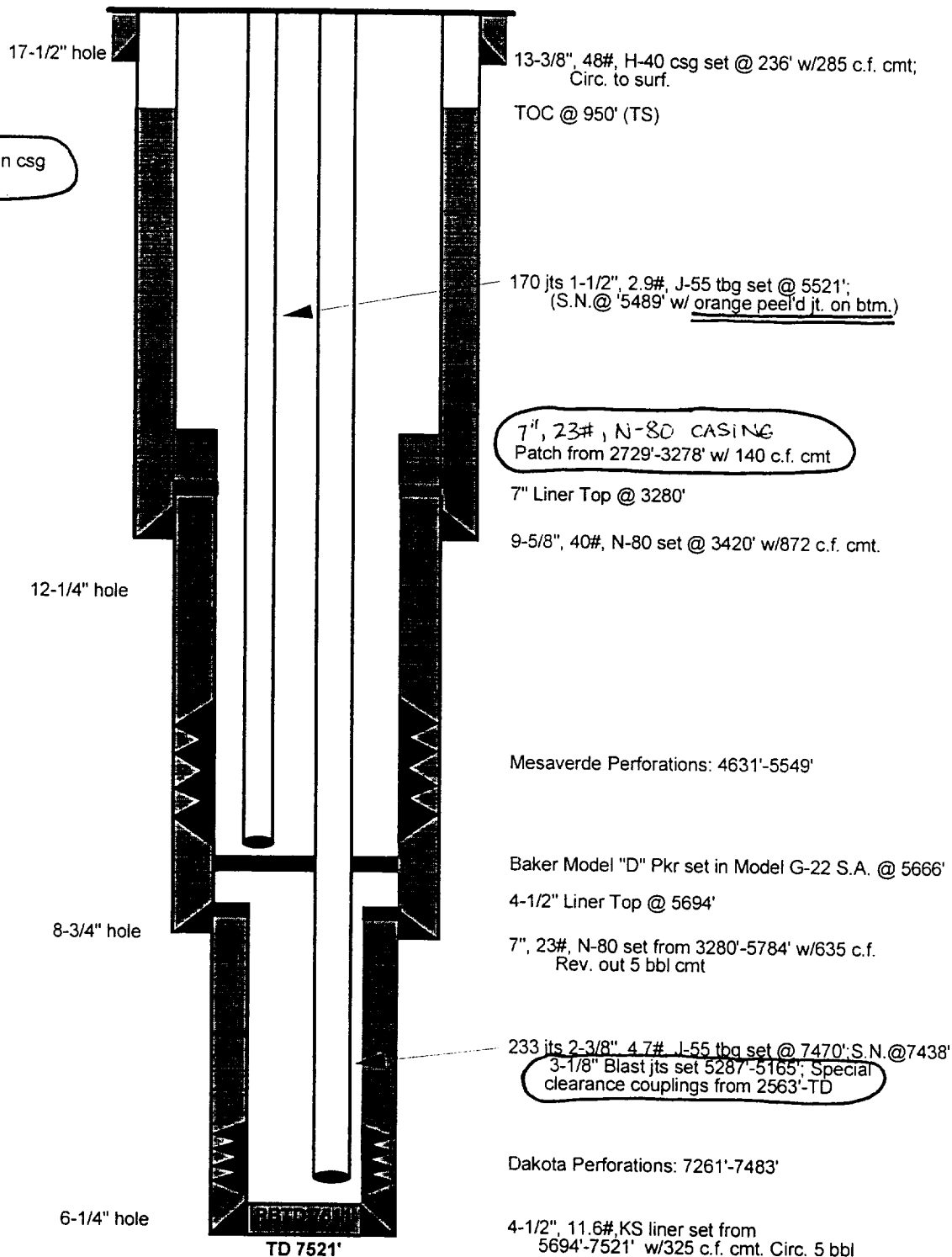
Point Lookout @ 5180'

Gallup @ 6235

Greenhorn @ 7167'

Graneros @ 7218'

Dakota @ 7357'



Initial Potential			Production History	Gas	Oil	Ownership	Pipeline
Initial AOF:	10,466 Mcfd	(7/81)(MV)	Cumulative:	1,689.9 MMcf (MV)	0.4 Mbo	GW: 62.52% (MV)	EPNG
Initial AOF:	283 Mcfd	(7/81)(DK)	Cumulative:	422.0 MMcf (DK)	0.0 Mbo	NRI: 52.84% (MV)	
Current SICP:	445 psig	(7/93)(MV)	Current:	225.6 Mcfd (MV)	1.4 bbls/d	GW: 63.69% (DK)	
Current SICP:	491 psig	(3/93)(DK)	Current:	15.7 Mcfd (DK)	0.0 bbls/d	NRI: 52.98% (DK)	
						TRUST: 4.40% (MV)	
						TRUST: 7.10% (DK)	

## **CONDITIONS OF APPROVAL:**

Burlington Resources  
San Juan 29-7 Unit #109M  
1520' FSL and 1810' FEL  
Section 30-29N-07W

This approval is for the operational activities only.

File your proposed allocation factors for downhole commingling with the Authorized Officer for final approval. Supporting technical data used to determine the allocation factors should include the following:

- Wellbore diagram
- Formation Production Tests
- Gas Analysis, including BTU measurements
- Pressure Data corrected to a common datum
- Any other supporting data

A copy of the same application submitted to the NMOCD is acceptable.