

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

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

990' FNL, 1650' FWL, Sec. 36, T-29-N, R-7-W, NMPM, Rio Arriba County

API # (assigned by OCD)

30-039-23940

5. Lease Number

6. State Oil & Gas Lease #

E-5114-4

7. Lease Name/Unit Name

San Juan 29-7 Unit

8. Well No.

106M

9. Pool Name or Wildcat

Blanco MV/Basin DK

10. Elevation:

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other - Commingle

☐ 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.  
A down hole commingle application will be submitted.

SIGNATURE

*Regan Cole*

Regulatory Supervisor

February 1, 2001

no

(This space for State Use)

Original Signed by STEVEN W. HAYDEN

DEPUTY OIL & GAS INSPECTOR DIST. 43

FEB -6 2001

Approved by

Title

Date

**San Juan 29-7 Unit #106M**  
**Blanco Mesaverde / Basin Dakota**  
**990' FNL, 1650' FWL**  
**Unit C, Sec. 36, T-29-N, R-7-W**  
**Latitude / Longitude: 36° 41.21' / 107° 31.50'**  
**AIN: 179202 MV / 179201 DK**

**Summary/Recommendation:**

San Juan 29-7 Unit #106M was drilled and completed as a MV/DK dual producer in 1985. A 2-3/8" string was landed for the DK, while a 1-1/2" string was landed for the MV. No rig work has been performed since 1985. The MV production had been shut in since early 1999, but was turned back to production in December 2000. In order to optimize production it is recommended to remove the packer, produce both zones up the DK 2-3/8" tubing string, and install a plunger lift system. Current production from the Mesaverde is 22 MCF/D and is 217 MCF/D from the Dakota. Anticipated uplift is 103 MCF/D from the Mesaverde and 33 MCF/D from the Dakota.

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

1. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. **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 approval in DIMS/WIMS.** Allow as much time as possible prior to pump time in case the Agency decides to witness the cement.
2. Haul to location ~5 joints of 1-1/2", 2.9#, EUE tubing. 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. (A single-tubing donut and WH for 2-3/8" tubing will be needed.) Test secondary seal and replace/install as necessary.
3. **Dakota, 2-3/8", 4.7#, J-55 tubing set at 7944' (3-1/8" blast joints from 5679'-5758'; SN @ 7910').** Broach 2-3/8" tubing and set tubing plug in nipple at 7910'. 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, 10rd, EUE tubing set at 6039' (181 jts; Orange-peeled / perf'd joint on btm).** PU additional joints of 1-1/2" tubing and tag for fill on top of packer at 6150'. If fill is present, TOOH 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, minimum mist rate is 12 bph.** TOOH and LD 1-1/2" tubing. Send tubing to yard for inspection and salvage. Pick straight up on Dakota 2-3/8" tubing to release seal assembly from (seal assembly set with 15,000# 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 2-3/8" tubing and Baker Model "CJ" packer milling tool to recover the 7" Baker Model "D" packer at 6150'. Mill on packer with air/mist using a minimum mist rate of 12 bph. TOOH and lay down packer.
5. PU 3-7/8" bit and bit sub on 2-3/8" tubing string and round trip to PBTD (7982), cleaning out with air/mist. **NOTE: When using air/mist, minimum mist rate is 12 bph.** If scale is present, contact Operations Engineer and Drilling Superintendent to determine methodology for removing scale from casing and perforations.
6. TIH with an expendable check on bottom, seating nipple, one joint 2-3/8", 2' 2-3/8" pup joint, then 1/2 of the 2-3/8" tubing. Run a broach on sandline to insure the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. Replace bad joints as necessary. CO to PBTD with air/mist using a minimum mist rate of 12 bph. Alternate blow and flow periods at PBTD to check water and sand production rates.
7. Land tubing at 7800'. ND BOP and NU single-tubing hanger 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:

  
Operations Engineer

Approved:

 1-31-01  
Drilling Superintendent

Mike Haddenham:

Office - (326-9577)  
Home - (326-3102)  
Pager - (327-8427)

Sundry Required:

Approved:

 YES NO  
2-1-01  
Regulatory

Lease Operator: Dave Allison  
Specialist: Gabe Archibeque  
Foreman: Ken Johnson

Cell: 320-2587    Pager: 326-8239  
Cell: 320-2478    Pager: 326-8256