

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
C 1000' FNL 1690' FWL, Sec.30, T-28-N, R-5-W, NMPM

5. Lease Number
SF-080505

6. If Indian, All. or Tribe Name

Unit Agreement Name
San Juan 28-5 Unit

8. Well Name & Number
San Juan 28-5 U#59M

9. API Well No.
30-039-22616

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

<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.

The down hole commingle order 2053 has been received.

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

Signed Doane W. Spencer (LTL8) Title Regulatory Administrator Date 9/16/98
TLW

(This space for Federal or State Office use)

APPROVED BY Doane W. Spencer

Title

Date

OCT - 5 1998

CONDITION OF APPROVAL, if any:

④

NM

OCT 17 PM 1:02
OIL & GAS DIV. NM

RECEIVED
OCT 17 PM 1:02

San Juan 28-5 Unit #59M
Blanco Mesaverde / Basin Dakota
1000' FNL, 1690' FWL
Unit C, Sec. 30, T-28-N, R-5-W
Latitude / Longitude: 36°38.20128' / 107°24.18822'
Recommended Commingle Procedure 9/9/98

Project Justification: The Mesaverde in this MV/DK dual has extreme paraffin problems. Less than a year after the well's completion, in 7/82, 14 joints of the Mesaverde's 1-1/2" tubing were found plugged with paraffin. Shortly after that, the Mesaverde logged off and had to be swabbed (9/82). A monthly paraffin-cutting program was developed, but one of the monthly treatments was missed due to a pipeline shut-in, and the tubing logged off. The 1-1/2" tubing was pulled in 5/87, and 19 joints of plugged tubing were removed. Swab units were on the well twice in 5/87 after the tubing repair, once in 4/91, and once in 4/93. In 1996, the 1-1/2" tubing was pulled and inspected a third time, but the results were not noted in the wellfile. During that tubing repair, an attempt was made to pull the Dakota 2-3/8" tubing, but the tubing was stuck in the Model "D" packer, and could not be removed.

It is believed that commingling the gas streams to flow through 2-3/8" tubing, coupled with the installation of a piston, will greatly reduce downtime on this well and increase the well's ability to lift its own liquids.

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 7761' (256 jts). Broach 2-3/8" tubing and set tubing plug in nipple at 7749'. 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 5892' (184 jts). PU additional joints of 1-1/2" tubing and CO on top of packer at 5980' 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. Attempt to release Baker Model "G-22" seal assembly from 7" Baker Model "D" packer (seal assembly set with 12,000# compression) by picking straight up on 2-3/8" tubing. If tubing will not release from packer, proceed to chemical-cut and fish tubing. 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. 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 and tubing spear.
5. PU 3-7/8" bit, bit sub, and watermelon mill on 2-3/8" tubing and round-trip to PBTD (7882'), cleaning out with air/mist. Speak with Operations Engineer, and if necessary, determine the best way to remove scale from the casing and perforations. 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 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 5090' and flow the well naturally, making short trips for clean-up when necessary.
8. Land tubing at 7730'. 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: _____

Operations Engineer 9/9/98

Approved: _____

Drilling Superintendent

Operations Engineer:

L. Tom Loveland

Office 326-9771

Pager 324-2568

Home 564-4418

San Juan 28-5 Unit #59M

CURRENT

Basin Dakota/Blanco Mesaverde
1000' FNL, 1690' FWL,
Unit C, Section 30, T-28-N, R-05-W, Rio Arriba County, NM
Latitude/Longitude: 36°38.20128' / 107°24.18822'

Today's Date: 8/27/98

Spud: 4/26/81

Completed: 11/11/81

Elevation: 6582' (GL)

6594' (KB)

Logs: CBL; I-GR; FDC; IES-GR; TS

Workovers: 7/30/82 - Replaced 14 jts
paraffin plugged 1-1/2" tbg.

9/3/82 - Swabbed well; FL @ 4200'.

5/11/87 - Replaced paraffin plugged

1-1/2" tbg; swabbed well; FL @ 4000'.

5/21/87 - Swabbed well.

5/23/87 - Swabbed well.

4/24/91 - Swabbed well; FL @ 700'

4/29/93 - Swabbed well; FL @ 3500'

6/26/96 - Pumped 30bbl hot water to

remove paraffin plug in 1-1/2" tbg;

Pulled 1-1/2" tbg; Attempt to pull

2-3/8" tbg; 2-3/8" tbg stuck in Model D

pk. TIH w/ 1-1/2" tbg.

Chacra @ 4360'

Mesaverde @ 5084'

Menefee @ 5228'

Point Lookout @ 5562'

Gallup @ 6762'

Greenhorn @ 7496'

Graneros @ 7555'

Dakota @ 7692'

17-1/2" hole

12-1/4" hole

8-1/2" hole

6-1/4" hole

13-3/8", 48#, H-40, Csg set @ 218';
Cmt w/ 275 sx (Circ. to Surf.)

1-1/2", 2.9#, J-55, tbg set @ 5892'; S.N. @ 5859'
(ID=1.5"); All collars bevelled top & btm.

TOC @ 1900' (TS)

Brown Liner Hanger set @ 3620'

9-5/8", 43.5#, N-80 Csg set @ 3750';
Cmt w/410 sx.

2-3/8", 4.7#, J-55, tbg set @ 7781; S.N.
@ 7749'; Blast jts from 5547'-5668'; Bevelled
couplings from S.A. to 100' above 7" liner.

Mesaverde Perforations: 5090'-5958'

Baker "G-22" S.A. set in Model "D" Packer @ 5980'

SQ 4-1/2" L.T. w/100 sx cmt.

7", 23#, N-80 Liner set from 3621'-6144'
Cmt w/ 470 sx; Circ. to L.T.

Dakota Perforations: 7604'-7804'

4-1/2", 11.6#, K-55, Liner set @ 6005'-7890'
Cmt w/ 200 sx;

PBTD 7882'

TD 7890'

Initial Potential			Production History		Gas	Oil	Ownership		Pipeline
Initial AOF:	7868 Mcfd	(11/81)(MV)	Cumulative:	948.5 MMcf	(MV)	15.0 Mbo	GWI:	73.83% (MV)	WFS
Initial AOF:	2076 Mcfd	(11/81)(DK)	Cumulative:	1058.4 MMcf	(DK)	0.9 Mbo	NRI:	62.96% (MV)	Trunk L
Current SICP:	462 psig	(7/93)(MV)	Current:	170.5 Mcfd	(MV)	2.7bbls/d	GWI:	70.28% (DK)	
Current SICP:	638 psig	(5/93)(DK)	Current:	148.5 Mcfd	(DK)	0.0 bbls/d	NRI:	59.48% (DK)	