

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

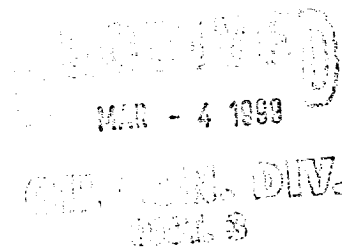
Sundry Notices and Reports on Wells

1. Type of Well GAS	API # (assigned by OCD) 30-039-07737 5. Lease Number  6. State Oil&Gas Lease # E-347 7. Lease Name/Unit Name  San Juan 30-6 Unit 8. Well No. #13 9. Pool Name or Wildcat Blanco Mesaverde 10. Elevation:
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2. Name of Operator  <b>BURLINGTON RESOURCES</b> OIL & GAS COMPANY	
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3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	
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4. Location of Well, Footage, Sec., T, R, M 1500' FNL 1600' FEL, Sec. 32, T-30-N, R-6-W, NMPM, Rio Arriba County	

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 -

13. Describe Proposed or Completed Operations

It is intended to repair the tubing on the subject well according to the attached procedure and wellbore diagram.



SIGNATURE [Signature] (LTL7) Regulatory Administrator March 2, 1999

TLW

(This space for State Use)

ORIGINAL SIGNED BY CHARLIE T. PERRIN DEPUTY OIL & GAS INSPECTOR, DIST. #3 MAR - 4 1999  
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

**San Juan 30-6 Unit #13**  
**Blanco Mesaverde**  
**Unit G, Sec. 32, T-30-N, R-6-W**  
**Latitude / Longitude: 36° 46.32936' / 107° 28.94076'**  
**Recommended Tubing Repair Procedure 2/16/99**

**Project Justification:** During a workover in March 1994, the Cliff House, Menefee, and Lewis shale were added as producing intervals. In order to isolate the Lewis and conduct a production test, a packer was set in between the Cliff House and Lewis perforations; the main body of the Mesaverde was produced through the tubing, while the Lewis was produced through the tubing/casing annulus. The lease operator reports that the Mesaverde has recently begun having a problem with liquid loading. By removing the packer and flowing all gas production through the tubing, we will make it easier for the well to unload its own liquids.

**NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 10'.**

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. 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.
3. **Mesaverde, 2-3/8", 4.7#, J-55 tubing set at 6108' (197 jts).** Broach tubing and set tubing plug in F-nipple (1.81" ID) at 6077'. Release donut and pick straight up on 2-3/8" tubing to release 5-1/2" Baker Model R-3 packer (set with 13,000# compression). Lower tubing slightly to engage J-pin and the J-slot (this process prevents packer resetting during trip). TOOH and stand back 2-3/8" tubing. LD packer and sliding sleeve. 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. TIH with 4-3/4" bit, bit sub, and watermelon mill on 2-3/8" tubing and round trip to PBTD at +/- 6144', cleaning out with air/mist. **NOTE: When using air/mist, mist rate must not be less than 12 bph.** Speak with Operations Engineer and Drilling Superintendent, and if necessary, determine the best way to remove scale from the casing and perforations.
5. TIH with one joint of 2-3/8" 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.
6. PU above the top Mesaverde perforation at 4688' and flow the well naturally, making short trips for clean-up when necessary.
7. Land tubing at 6030'. Obtain pitot gauge from casing and report this gauge. Broach the upper 1/2 of the production tubing. ND BOP and NU 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 SN. RD and MOL. Return well to production.

Recommended: *L. Tom Loveland* Operations Engineer 2/23/99 Approved: *Bruce D. Boyer* Drilling Superintendent 2.24.99

Operations Engineer:

L. Tom Loveland

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

# San Juan 30-6 Unit #13

Current -- 2/17/99

AIN: 6973801 MV

Blanco Mesaverde

1500' FNL, 1600' FEL

Sec. 32, T30N, R6W, Rio Arriba County, NM  
Longitude / Latitude: 36-46.33' / 107-28.94'

Spud: 11/10/55

Completed: 03/16/56

Elevation: 6842' GL

6852' KB

Workovers: 3/94 Perf'd & frac'd MF, CH, LW  
8/97 -Set R-3 pkr to isolate LW  
for production test.

13-3/4" Hole

10-3/4", 32.75#, H-40 csg. set @ 231'  
w/ 120 sx cmt. Tailed w/ 50 sx.  
Circ. to surface.

2-3/8" 4.7# J-55 tbg. set @ 6108'  
F.N. @ 6077', Sliding sleeve @ 5262'

Ojo Alamo @ 2797'

Kirtland @ 2992'

TOC @ 3059 (Calc. @ 75% Eff.)

Fruitland @ 3460'

Pictured Cliffs @ 3723'

Lewis @ 3847'

9-7/8" HOLE

7-5/8", 26.4# J-55 csg set @ 3842'  
w/140 sx cmt. Tailed w/50 sx.

TOC @ 4556' (Calc. @ 75% Eff.)

Cliffhouse @ 5619'

Menefee @ 5662'

LW perfs @ 4688'-5215'

Baker Model R-3 Packer set @ 5264'

CH/MF perfs @ 5345'-5852'

Point Lookout @ 5949'

MF/PL perfs @ 5902'-5996'

PL perfs @ 6016'-6100'

6-3/4" HOLE

5-1/2", 14#, J-55 set @ 6146' w/150 sx cmt.

PBTD @ 6144'

TD @ 6146'

