

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

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY</p> <hr/> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 990' FSL, 1650' FWL, Sec. 20, T-32-N, R-12-W, NMPM, San Juan County</p>	<p>API # (assigned by OCD) 30-045-12202</p> <p>5. Lease Number Fee</p> <p>6. State Oil&Gas Lease #</p> <p>7. Lease Name/Unit Name Culpepper Martin</p> <p>8. Well No. 12</p> <p>9. Pool Name or Wildcat Blanco MV/Basin DK</p> <p>10. Elevation:</p>
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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 - Bradenhead repair, commingle

13. Describe Proposed or Completed Operations

It is intended to repair the bradenhead on the subject well according to the attached procedure and wellbore diagram. After the repair, the well will be down hole commingled. A down hole commingle order will be applied for.

RECEIVED
JUN 10 1997

OIL CON. DIV.
DIST. 3

SIGNATURE  (VGW4) Regulatory Administrator June 9, 1997

(This space for State Use)

Approved by  Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date JUN 10 1997

WORKOVER PROCEDURE -- COMMINGLE / BRADENHEAD REPAIR

Culpepper Martin #12
Blanco Mesaverde / Basin Dakota
SW/4 Sec. 20, T32N, R12W
San Juan Co., New Mexico
DPNO 10682 (MV) / 10683 (DK)

1. Comply to all NMOCD, BLM, and BROG regulations. Conduct daily safety meetings for all personnel on location. ***Notify BR Regulatory (Peggy Bradfield, 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 the approval in Dims/Wims. As much time as possible to the pump time is needed to the Agency to be able to show up for the cement job.***
2. Test location rig anchors and repair if necessary. Prepare blow pit. MOL and RU daylight pulling unit. Install a 400 bbl frac tank and an atmospheric blow tank. NU blooie line to blow pit, and relief line to atmospheric tank. Fill frac tank with 1% KCl water.
3. RU wireline and check tubing for obstructions or plunger lift equipment. Blow down tubing to atmospheric tank. Control well with 1% KCl water as needed. ND wellhead and NU BOP's Test and record operation of BOP's. Send wellhead to wellhead company for inspection.
4. PU on tubing (206 jts., 1 1/2", IJ, landed at 6850' (sliding sleeve @ 6840', and blast jts @ 4614' -- 4999')), release seal assembly (4 1/2", Baker Model "D") @ 6850' and strap out of hole. Visually inspect tubing, and replace joints that are in bad condition. Note any buildup of scale and notify Operations Engineer. LD 1 1/2" tubing.
5. PU Baker CJ milling tool on 2 3/8" tubing and TIH. Mill 4 1/2", Baker Model "D" packer with air/mist (minimum mist ratio is 12 Bbls/hr). Recover packer and TOOH. ***∴ N-80***
6. PU 3 7/8" bit and 4 1/2", 11.6# casing scraper and clean out to PBTD of 7033'.
∴
PU 4 1/2" RBP and TIH. Set @ 4525'. Pressure test casing. If casing does not test, isolate hole(s) and contact Operations Engineer.
7. Freepoint 4 1/2" casing and back off 1 jt. above TOC. RU casing crew and LD 4 1/2" casing.
8. PU 6 1/4" bit and casing scraper and CO to top of freepointed 4 1/2" casing. POOH. PU 7" RBP and TIH. Set RBP 100' above freepointed 4 1/2" casing. Pressure test casing to 1000 psig. Spot one sack of sand on top of RBP. TOOH with tubing. ***∴***
9. RU wireline unit. Run CBL to determine TOC behind 7" casing. Estimated TOC is 3800' per temperature survey. Perforate 2-4 squeeze holes 20' above TOC. TIH with 7" fullbore packer and set 150' above perforations. Pressure up casing/tubing annulus to 500 psig.
10. Establish rate into squeeze holes with bradenhead valve open. Max pressure 1000 psig. Mix and pump cement. Displace cement to packer. Close bradenhead valve and squeeze cement into perforations. Maintain squeeze pressure and WOC 12 hours (overnite).
11. TOOH with packer. TIH with mill or bit and drill out cement. Pressure test casing to 1000 psig. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure.
12. TIH with retrieving tool and retrieve RBP from 7" casing. POOH and LD RBP.
13. **If pin is left in hole**, run swedge and bell top of 4 1/2" stub. TOOH.

14. TIH with retrieving tool and retrieve 4 1/2" RBP.
15. TIH with notched collar on 2 3/8" tubing and CO to PBTD with air. Blow well clean and gauge production.
16. RIH open ended with 2 3/8" production tubing with expendable check and seating nipple one joint off bottom (rabbit tubing in derrick) and land at \approx 7000'.
17. ND BOP and NU wellhead. Pump off expendable check. Obtain final pitot. Release rig.

Recommend:

[Signature]
Operations Engineer

Approval:

W.S. J. E 6/9
Drilling Superintendent

Contacts:

Operations Engineer

Gaye White

326-9875

Spud: 8-12-59

Completer: 9-18-59

Elevation. 5894' (GR)

Logs: Gamma Ray, Ind., TS

Workover(s):

7/66: Blow well down. Pull 2" tubing. PU packer and set. Squeeze perfs (4823' -- 4804') with 250 sx cmt. Drill out to TD of 7070'. Ran 4 1/2" casing and set @ 7069'. DV Tool @ 4950'. Cmt w/2 stages. Perfed and fraced DK. Perfed and fraced MV. CO to 7030'. Set Baker Model "D" Packer @ 6850'. Ran 1 1/2" DK tubing and land @ 6580'.

12/68: Blow well down. Install BOP. Pull 4 jts tubing. Ran packer just below well head. Change out well head. Pull packer and re-ran 1 1/2" tubing. No reports in file!

Fruitland @ 1800'

Pictured Cliffs @ 2229'

Cliffhouse @ 3900'

Point Lookout @ 4628'

Gallup @ 6050'

Greenhorn @ 6768'

Graneros @ 6822'

Graneros Sand @ 6884'

Dakota @ 6968'

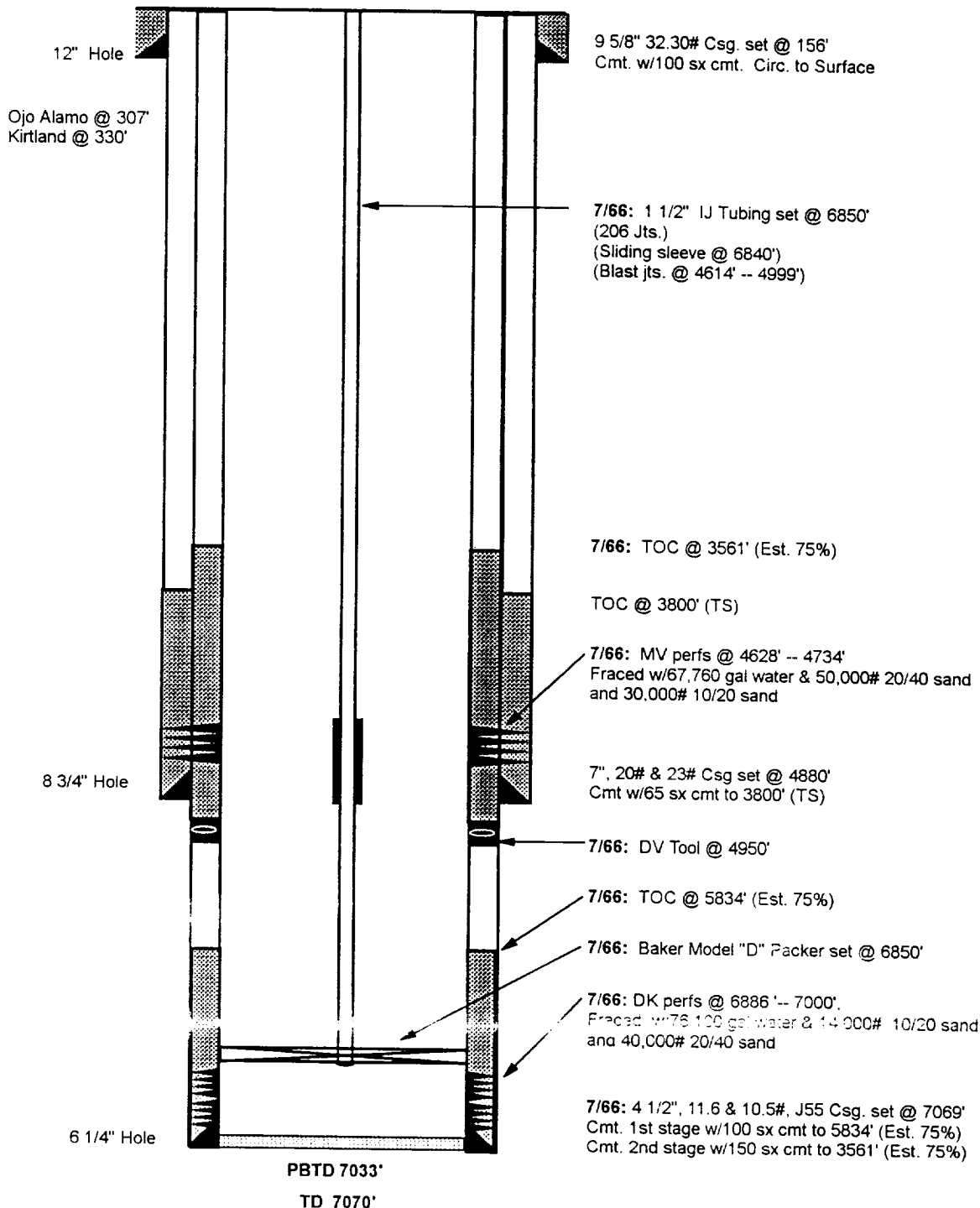
Culpepper Martin #12

CURRENT -- 3/3/97

Blanco Mesaverde -- DPNO 10682

Basin Dakota -- DPNO 10683

990' FSL, 1650' FWL,
Section 20, T-32-N, R-12-W, San Juan County, NM
Latitude/Longitude: 36° 58.0122' -- 108° 7.2618'



CASING PRESSURES

Initial SICP (8/66) 860 psi - MV

Current SICP (12/93) 622 psi

PRODUCTION HISTORY

Gas Cum: MV-1.8 Bcf DK-98.2MMcf
Current (12/96): MV-57 Mcf/d DK-15 Mcf/d

Oil Cum: MV-4.1Mbo DK-2.1Mbo
Current (12/96): MV-04 Bo DK-0 Bo

INTEREST

GW: 25.00%

NRI: 0.00%

SJBT: 75.00%

PIPELINE

WFS