

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 930' FNL, 1570' FEL, Sec.16, T-31-N, R-11-W, NMPM, San Juan County, NM</p>	<p>API # (assigned by OCD) 30-045-27605</p> <p>5. Lease Number</p> <p>6. State Oil&Gas Lease # E-7674-NM</p> <p>7. Lease Name/Unit Name Brookhaven Com B</p> <p>8. Well No. #3R</p> <p>9. Pool Name or Wildcat Blanco Mesaverde</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 checked="" 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 plug the Cliffhouse interval of the subject well according to the attached procedure.



SIGNATURE

Deann Cole

Regulatory Administrator January 12, 2000

trc

(This space for State Use)

ORIGINAL SIGNED BY CHARLIE T. PERROW

DEPUTY OIL & GAS INSPECTOR, DIST. #8

JAN 14 2000

Approved by _____ Title _____ Date _____

Brookhaven Com B #3R
Mesaverde
930'FNL, 1570' FEL
Unit B, Section 16, T-31-N, R-11-W
Latitude / Longitude: 36° 54.1754' / 107° 59.4965'
DPNO: 673301

Plug Cliffhouse Interval Procedure – CAUTION CLIFFHOUSE MAY PRODUCE H2S

Summary/Recommendation:


Brookhaven Com B #3R was drilled in 1991 and completed as a MV producer. The Point Lookout, Menefee and Cliffhouse intervals were completed. After the initial completion several swabbing attempts were performed to kick off the well, however, it was producing too much water. In 1992 a production packer was set between the wet Cliffhouse and Menefee intervals. When the packer was set, the tailpipe was set 334' above the bottom Point Lookout perforation. During the workover, the production packer will be pulled, the Cliffhouse will be squeezed, and a plunger lift system will be installed. Anticipated uplift is 130 Mcfd.

1. Hold safety meeting. 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 job.
2. 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. Test secondary seal and replace/install as necessary.
3. Mesaverde, 2-3/8", 4.7# tubing is set at 5120'. Release donut, pick straight up on tubing to release the Baker Model R-3 Double Grip packer set at 4613'. TOOH with tubing and packer. Stand back 2-3/8" tubing and LD packer. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer.
4. PU and TIH with 4-1/2" CIBP and packer on the 2-3/8" tubing string. Set CIBP at 4635'. PUH and set packer just above CIBP (closest perforation at 4589'). Pressure test CIBP to 1000 psi. Bleed off pressure and release packer. TOOH.
5. TIH with 4-1/2" cement retainer on 2-3/8" tubing and set at \pm 4260' (Top Cliffhouse perforation at 4323').
6. RU cement company. PU tubing to test position on the retainer. Pressure test tubing to 2500 psi. Set down on tubing to open check and establish an injection rate with water.
7. Squeeze Cliffhouse perforations below retainer to 1000 psi with 100 sx of neat Class B cement with 0.3% fluid loss followed by 100 sx of Class B cement with 3 pps gilsonite and 0.3% fluid loss. Displace cement with 15.5 Bbls of water (under displace by 1 Bbl.). Sting out of retainer and spot remaining cement on the cement retainer. TOOH with 2-3/8" tubing and cement retainer stinger. WOC for a minimum of 18 hours.
8. TIH with 3-7/8" bit, 3-1/8" drill collars (if necessary) and 2-3/8" tubing. Drill out retainer and cement. Pressure test squeeze to 500 psi for 15 minutes. If test is not successful, note leak off rate and contact Operations Engineer.
9. CO to CIBP set at 4635'. Drill CIBP and push to bottom, cleaning out with air/mist. **NOTE: When using air/mist, minimum mist rate is 12 bph.** If scale is present, contact Operations Engineer to determine methodology for removing scale from casing and perforations.
10. TIH with one joint of 2-3/8" tubing with an expendable check on bottom and a seating 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 and then broach this tubing. Replace any bad joints. CO to PBDT with air/mist. Alternate blow and flow periods, making short trips for clean up as necessary.
11. Land tubing at \pm 5454'. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate air to assure that expendable check has pumped off. Obtain pitot gauge up the tubing. If well will not flow up the tubing, make swab run to SN. RD and MOL. Return well to production.

Recommended:


Operations Engineer

Approved:

 12-15-99
Drilling Superintendent

Operations Engineer: Jennifer L. Dobson Office - (599-4026) Home - (564-3244) Pager - (324-2461)