

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.
1765' FNL, 1500' FEL, Sec.13, T-32-N, R-7-W, NMPM, San Juan County

API # (assigned by OCD)
30-045-11431

5. Lease Number
Fee

6. State Oil&Gas Lease #

7. Lease Name/Unit Name
Allison Unit

8. Well No.
9

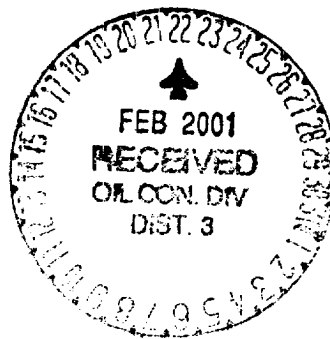
9. Pool Name or Wildcat
Basin Dakota

10. Elevation:

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure.



SIGNATURE *Jeffery Cole* Regulatory Supervisor February 21, 2001

TLW

(This space for State Use)

APPROVED BY CHARLIE T. PERROW
Approved by

Title

SENIOR OIL & GAS INSPECTOR, DIST. 3

Date

FEB 22 2001

Allison Unit #9

Basin Dakota AIN 4912801
1765' FNL & 1500' FEL, Sec 13, T-32-N, R-07-W
San Juan County, NM
Lat: N 36° 58.9590' / Long: E 107° 30.813'

Plug and Abandonment

Summary/Recommendation

The Allison Unit #9 was drilled in 1955 and completed in the Dakota formation. The wellbore was replaced with a redrill in 1993, the Allison 9R, and the Allison Unit #9 was never plugged.

The Allison Unit #9 failed a Bradenhead test on 5/17/00, indicating communication between the intermediate and production casing annulus. The top of production casing cement does not reach the bottom of the intermediate casing, therefore, leaving exposed zones below the bottom of the intermediate casing. Due to wellbore integrity and the OCD regulatory demand on plugging this wellbore, Production Operations must plug the Allison Unit #9 by the demand date of 3/31/01.

Plug and Abandonment Procedure

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement is ASTM Type II, (15.6ppg, 1.18 cf/sx).

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and tally 255 joints 2-3/8" tubing, 7928', visually inspect. If necessary LD tubing and PU workstring. Round-trip 7" gauge ring or casing scraper to 7807'.
3. **Plug #1 (Dakota open hole interval, 7807' – 7707')**: Set 7" CIBP or cement retainer at 7807'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 28 sxs cement and spot a balanced plug inside casing above the CIBP to isolate Dakota interval. TOH with tubing.
4. **Plug #2 (Mesaverde top, 5404' – 5304')**: Perforate 3 HSC squeeze holes at 5404'. If casing tested after setting CIBP, then establish rate into squeeze holes. TIH and set 7" a cement retainer at 5354'. Pressure test the tubing to 1200#. Establish rate below CR into squeeze holes. Mix 54 sxs cement, squeeze 26 sxs outside 7" casing and leave 28 sxs inside to cover Mesaverde top. TOH with tubing.
5. Perforate 3 HSC squeeze holes at 3542' and attempt to establish circulation with water to surface. ND 7-1/16" BOP and tubing head. Weld slip on collar on 7" casing. RU casing crew and handling tools. Pick up on 7" casing and determine free point by stretch. Cut 7" casing at approximately 3492' (use a jet cutter or a collar splitter or a rolled shot). NU 9" or 11" BOP with 7" rams. POH and LD 7" casing. RD casing crew. Install 2-3/8" rams in BOP. TIH with open-ended tubing to 3542'.
6. **Plug #3 (9-5/8" casing shoe and 7" casing stub, 3542' – 3442')**: Establish circulation to surface. Mix 74 sxs cement and spot a balanced plug to cover both the 9-5/8" casing shoe and the 7" casing stub. PUH and WOC. TIH and tag cement. Pressure test 9-5/8" casing to 500#. PUH to 3175'.
7. **Plug #4 (Pictured Cliffs and Fruitland tops, 3175' – 2820')**: Mix 149 sxs cement and spot a balanced plug to cover the Pictured Cliffs and Fruitland tops. TOH with tubing.