submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

5. **Lease Number**
SF-078580

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**
BURLINGTON RESOURCES **OIL & GAS COMPANY**

8. **Well Name & Number**
Howell A #3A

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **API Well No.**
30-045-21730

4. **Location of Well, Footage, Sec., T, R, M**
1500'FNL, 1650'FWL, Sec.4, T-30-N, R-8-W, NMPM

10. **Field and Pool**
Blanco Mesaverde

11. **County and State**
San Juan Co, NM

12. **CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

Type of Submission	**Type of Action**	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	_X_ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	___ Other -	

13. **Describe Proposed or Completed Operations**

It is intended to repair the casing on the subject well according to the attached procedure.

MAR 2001
RECEIVED
OIL CON. DIV
DIST. 3

2001 FEB 28 PM 5:03

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

Signed Peggy Cole Title Regulatory Supervisor Date 2/27/01
TLW

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date 3/1/01
CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

Howell A 3 A

Mesaverde - AIN: 4793601
Unit F Section 04, T-30-N, R-08-W
Latitude/Longitude: 36° 50.579' / 107°41.0037'

Recommended Casing Repair Procedure

Summary/Recommendation:
The Howell A 3 A was recently fitted with a pumping unit and is making 80-85 BWPD. A water analysis indicates that the water being produced is not formation water, and is therefore the result of a casing failure. This failure must be fixed as soon as possible to ensure that we do not flood the Mesaverde formation beyond repair. The pumping unit is running off propane until the gas production returns.

1. Comply with all NMOCD, BLM and BR safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. **Notify BR 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. As much time as possible to the pump time is needed for the Agency to be able to show up for the cement job.**

2. MOL and RU workover rig. Hold daily safety meetings. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water only if necessary. TOOH with rods and pump. There are 225 ¾" rods in the hole (including pony rods), and the pump is seated at 5614'.

3. 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. PU additional jts of 2-3/8" tbg, tag and record PBTD (5741'). TOOH with 2-3/8" tubing (SN @ 5614'). Visually inspect tubing for corrosion, replace bad joints as necessary.

4. **Liner top @ 3288'.** PU and TIH with 3-7/8" watermelon mill and bit sub on 2-3/8" tubing and round trip to PBTD 5741', cleaning out with air/mist. **NOTE: When using air/mist, minimum mist rate is 14 bph.** TOOH w/ mill and tbg. TIH with 4-1/2" RBP and 4-1/2" packer on 2-3/8" tbg. and set RBP at 4800'. Pull 1 jt. of tbg. and pressure test RBP to 500#. If RBP tests, PU to just below liner top at 3288' and test 4-1/2" csg to 500#. If 4 ½" csg. tests, load back side and pressure test back side. If back side fails, dump 1 sack of sand on RBP, TOOH with 4-1/2" packer.

5. TIH to liner top w/ 7" full bore packer on 2-3/8" tbg and isolate casing failure by testing through tubing. Test backside to ensure there are no additional holes. **If more holes are found, contact production engineer for cement and squeeze procedure.** TOOH w/ 6 jts of 2-3/8" (~190ft) before starting squeeze. Squeeze with cement. Pump enough water to flush workstring and an additional 1 bbl. (If squeeze locks up, pull 5 stds and reverse circulate, TOOH with 2-3/8" tbg and packer, and pressure up wellbore to squeeze pressure). WOC 12 hours.

6. Drill out cement with a 6-1/4" blade bit and 6 drill collars on 2-3/8" tbg. TIH to liner top @ 3288' cleaning out as necessary. Pressure test casing to 500#. Re-squeeze as necessary.

7. TIH with washover bit and retrieving head on 2-3/8" tubing and retrieve RBP set @ 4800'. TOOH with 2-3/8" tubing and RBP.

8. Rabbit all tubing prior to TIH. TIH with a bull plug, one joint of 2-3/8" 4.7# tubing, 8' pup joint, 8' pup joint, stanely gas separator, seating nipple and then remaining 2-3/8" tubing. Replace any bad joints. Land tubing at ± 5670'. NOTE: If excessive fill is encountered, discuss this landing depth with Operations Engineer. ND BOP and NU WH.

9. PU and TIH with 2" x 1.25" x 10' x 14' RHAC-Z insert pump, from Energy Pump & Supply, ¾" Grade D rods with spray-metal couplings to ±3500', and molded paraffin scrapers to surface. Test pump to 500# to ensure good seal. Test pump action and hang rods on pumping unit.

10. **During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production.** RD and MOL. Return well to production.

Recommended: _____ Approved: Bruce D. Boyd 2-27-01
Operations Engineer Drilling Superintendent

Regulatory Approval: Peggy Cole 2-27-01 Required: Yes X No ___

Operations Engineer: Kevin Book
Office - (326-9530)
Home - (326-6236)
Pager - (326-8848)

Pump and Rods: Energy Pump & Supply
Leo Noyes
Office - (564-2874)

Lease Operator: Rick McDaniel Cell: 320-2549 Pager: 327-8797
Specialist/Foreman: Wayne Ritter Office: 326-9818 Cell: 320-0436 Pager: 324-2468

KWB 02/23/01