submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

Sundry Notices and Reports on Wells

2001 AUG 30 PM 1:05

070 FARMINGTON NM

1. **Type of Well**
GAS

5. **Lease Number**
NM-03358

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

7. **Unit Agreement Name**
Northeast Blanco Unit

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

8. **Well Name & Number**
Northeast Blanco U #312

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

9. **API Well No.**
30-045-30284

4. **Location of Well, Footage, Sec., T, R, M**
1940'FSL, 1975'FEL, Sec.14, T-31-N, R-7-W, NMPM

10. **Field and Pool**
Blanco MV/Basin DK

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

13. Describe Proposed or Completed Operations

It is intended to alter the approved casing and cement program of the subject well according to the attached revised operations plan.

SEP 2001
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OIL CON. DIV.
DIST. 3

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

Signed Tammy Wimsatt for Title Regulatory Supervisor Date 8/27/01

TLW

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date 8/31/01
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

OPERATIONS PLAN

Well Name: Northeast Blanco Unit #312
Location: 1940'FSL, 1975'FEL, Sec 14, T-31-N, R-7-W
San Juan County, NM
Latitude 36° 53.9, Longitude 107° 32.3
Formation: Blanco Mesaverde/Basin Dakota
Elevation: 6516'GL

Formation Tops:	***Top***	***Bottom***	***Contents***
Surface	San Jose	2393'	
Ojo Alamo	2393'	2518'	aquifer
Kirtland	2518'	2958'	gas
Fruitland	2958'	3328'	gas
Pictured Cliffs	3328'	3558'	gas
Lewis	3558'	4223'	gas
Intermediate TD	**3658'**		
Mesa Verde	4223'	4613'	gas
Chacra	4613'	5418'	gas
Massive Cliff House	5418'	5458'	gas
Menefee	5458'	5733'	gas
Massive Point Lookout	5733'	6050'	gas
Mancos	6050'	7028'	gas
Gallup	7028'	7761'	gas
Greenhorn	7761'	7823'	gas
Graneros	7823'	7945'	gas
Dakota	7945'	8185'	gas
Morrison	8185'		
TD	**8220'**		

Logging Program:
Cased hole - CBL-CCL-GR - TD to surface
Open hole - Array Induction, Neutron-Density - Int. TD to 2508'
Temp, IEL/GR, CNL/CDL - TD to intermediate casing
Mudlog - 7500' to TD
Cores - none

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200- 3658'	LSND	8.4-9.0	30-60	no control
3658- 7895'	Air/N2	n/a	n/a	n/a
7895- 8220'	LSND	8.4-9.0	30-60	no control

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program (as listed, the equivalent, or better):

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3658'	7"	20.0#	J-55
6 1/4"	3558' - 8220'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 8220'	2 3/8"	4.7#	J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -
11" 3000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

Intermediate TD to Total Depth -
11" 3000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

Surface to Total Depth -
2" nominal, 3000 psi minimum choke manifold (Reference Figure #3).

Completion Operations -
7 1/16" 3000 psi double gate BOP stack (Reference Figure #2). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

Wellhead -
9 5/8" x 7" x 2 3/8" x 3000 psi tree assembly.

General -
- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- BOP pit level drill will be conducted weekly for each drilling crew.
- All BOP tests and drills will be recorded in daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing:

9 5/8" surface casing - cement with 159 sx Class "B" cement with 1/4# celloflake/sx and 3% calcium chloride (188 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hrs. Test casing to 600 psi for 30 minutes.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing -
Lead w/382 sx 50/50 Class G/TXI lightweight w/2.5% sodium metasilicate, 2% calcium chloride, 10# gilsonite/sx and 1/2# celloflake/sx. Tail w/90 sx 50/50 Class "G" Poz w/2% calcium chloride, 2% gel, 1/4 pps celloflake, 5 pps gilsonite, 0.1% antifoam agent (1099 cu.ft. of slurry, 100% excess to circulate to surface.) WOC minimum of 8 hours before drilling out intermediate casing. If cement does not circulate to surface, a CBL will be run during completion operations to determine TOC. Test casing to 1500 psi for 30 minutes.

See attached alternative intermediate lead slurry.

7" intermediate casing alternative two stage: Stage collar at 2858'. First stage: cement with 188 sx 50/50 Class "G" Poz w/2% calcium chloride, 2% gel, 1/4 pps celloflake, 5 pps gilsonite, 0.1% antifoam agent. Second stage: 333 sx 50/50 Class G/TXI lightweight w/2.5% sodium metasilicate, 2% calcium chloride, 10# gilsonite/sx and 1/2# celloflake/sx (1099 cu.ft., 100% excess to circulate to surface).

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. Bowspring centralizers spaced every other joint off bottom, to the base of the Ojo Alamo at 2518'. Two turbolating centralizers at the base of the Ojo Alamo at 2518'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

4 1/2" Production Casing -
Cement to cover minimum of 100' of 4 1/2" x 7" overlap. Lead with 465 sx 50/50 Class "G" Poz with 5% gel, 0.25# celloflake/sx, 5# gilsonite/sx, 0.1% retardant and 0.25% fluid loss additive, 0.15% dispersant, 0.1% antifoam agent (670 cu.ft.), 40% excess to cement 4 1/2" x 7" overlap). WOC a minimum of 18 hrs prior to completing.

4 1/2" production casing alternative: Lead w/183 sx 9.5 PPG Litecrete Blend w/0.11% dispersant, 0.5% fluid loss. Tail w/178 sx Class G 50/50 poz w/5% gel, 0.25 pps celloflake, 5 pps gilsonite, 0.25% fluid loss, 0.15% dispersant, 0.1% retarder, 0.1% antifoam (717 cu.ft., 50% excess to cement 4 ½" x 7" overlap).

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

Cement float shoe on bottom with float collar spaced on top of float shoe.

Note: To facilitate higher hydraulic stimulation completion work, no liner hanger will be used. In its place, a long string of 4 1/2" casing will be run and cemented with a minimum of 100' of cement overlap between the 4 1/2" x 7" casing strings. After completion of the well, a 4 1/2" retrievable bridge plug will be set below the top of cement in the 4 1/2" x 7" overlap. The 4 1/2" casing will then be backed off above the top of cement in the 4 1/2" x 7" overlap and laid down. The 4 1/2" bridge plug will then be retrieved and the production tubing will be run to produce the well.

- If hole conditions permit, an adequate water spacer will be pumped ahead of each cement job to prevent cement/ mud contamination or cement hydration.

Special Drilling Operations (Gas/Mist Drilling):

The following equipment will be operational while gas/mist drilling:

- An anchored blooie line will be utilized to discharge all cuttings and circulating medium to the blow pit a minimum of 100' from the wellhead.
- The blooie line will be equipped with an automatic igniter or pilot light.
- Compressors will be located a minimum of 100' from the wellhead in the opposite direction from the blooie line.
- Engines will have spark arresters or water cooled exhaust.
- Deduster equipment will be utilized.
- The rotating head will be properly lubricated and maintained.
- A float valve will be utilized above the bit.
- Mud circulating equipment, water, and mud materials will be sufficient to maintain control of the well.

Additional Information:

- The Dakota and Mesa Verde formations will be completed and commingled.
- No abnormal temperatures or hazards are anticipated.
- Anticipated pore pressures are as follows:

Fruitland Coal	300 psi
Pictured Cliffs	600 psi
Mesa Verde	700 psi
Dakota	2500 psi

- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered.
- The east half of Section 14 is dedicated to the Mesa Verde and Dakota in this well.
- This gas is dedicated.

Brennan D. Short
Drilling Engineer

8/30/01
Date

Alternative Intermediate Lead Slurry

Dowell-
Class G: D49(50:50) w/ 2.5% D79, 2% S1, 10pps D24, .5pps D29, .2%D46

where: D49-TXI Light weight Cement
D79-Sodium Metasilicate
S1-Calcium Chloride
D24-Gilsonite
D46-Antifoam Agent

Properties-
Density:11.4 lb/gal
Yield:2.58 cu ft./sk
Water:14.55 gal/sk
Thick Time 70 b.c.(deg F): 4:06(101)
Free Water:0
Fluid Loss:462ml/30 min
CS(crush)@24hr:394
CS(crush)@48hr:550

Halliburton-

Class H 47#/sk, 37#/sk Blended Silicalite, 3% Bentonite, 4% Calcium Chloride

Properties-
Density:11.4 lb/gal
Yield:2.42 cu.ft./sk
Water:14.02 gal/sk
Thick Time(70 bc): 11:00+
Fluid Loss: 702 cc/30min
Free Water: 0%
Compressive Strength (@25:19) :500
Compressive Strength (@48:00) :630