

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

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

1400' FNL, 1075' FWL, Sec.31, T-30-N, R-7-W, NMPM

5. Lease Number  
NM-012709

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

San Juan 30-6 Unit  
8. Well Name & Number  
San Juan 30-6 U #8B  
9. API Well No.  
30-039-  
10. Field and Pool  
Blanco Mesaverde  
11. County and State  
Rio Arriba Co, NM

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

Type of Submission

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

Type of Action

☐ Abandonment ☒ Change of Plans  
☐ Recompletion ☐ New Construction  
☐ Plugging Back ☐ Non-Routine Fracturing  
☐ Casing Repair ☐ Water Shut off  
☒ Altering Casing ☐ Conversion to Injection  
☐ Other -

13. Describe Proposed or Completed Operations

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

200 NOV 30 PM 2:18  
C/O FARMINGTON, NM

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

Signed [Signature] Title Regulatory Supervisor Date 11/28/00  
no

(This space for Federal or State Office use)

APPROVED BY /s/ Jim Lovato Title \_\_\_\_\_ Date DEC - 8 2000

CONDITION OF APPROVAL, if any:

## OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #8B  
Surface Location: 1400' FNL, 1075' FWL, Section 31, T-30-N, R-7-W  
Rio Arriba County, New Mexico  
Latitude 36° 46.4, Longitude 107° 36.9  
Formation: Blanco Mesa Verde  
Elevation: 6139' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1931'	aquifer
Ojo Alamo	1931'	2051'	aquifer
Kirtland	2051'	2501'	gas
Fruitland	2501'	2983'	gas
Pictured Cliffs	2983'	3121'	gas
Lewis	3121'	3996'	gas
<b>Intermediate TD</b>	<b>3371'</b>		
Chacra	3996'	4732'	gas
Massive Cliff House	4732'	4822'	gas
Menefee	4822'	5172'	gas
Point Lookout	5172'	5321'	gas
Mancos	5321'		
<b>Total Depth</b>	<b>5572'</b>		

### Logging Program:

Open hole GR-CNLI, CMR, CDL - surface to TD  
Cased hole Gamma Ray, Cement bond - surface to TD  
Mud Logs/Coring/DST - none

### Mud Program:

<u>Interval- MD</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 300'	Spud	8.4-9.0	40-50	no control
300- 3371'	LSND	8.4-9.0	30-60	no control
3371- 5572'	Air/Mist	n/a	n/a	n/a

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

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

<u>Hole Size</u>	<u>Measured Depth</u>	<u>Csg Size</u>	<u>Weight</u>	<u>Grade</u>
12 1/4"	0' - 300'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3361'	7"	20.0#	J-55
6 1/4"	3261' - 5572'	4 1/2"	10.5#	J-55

Tubing Program: 0' -5572' 2 3/8" 4.7# J-55

### BOP Specifications, Wellhead and Tests:

#### Surface to Intermediate TD -

11" 2000 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" 2000 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, 2000 psi minimum choke manifold (Reference Figure #3).

**Completion Operations -**

7 1/16" 2000 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 2000 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 drill crew.
- All BOP tests & 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 239 sx Class "H" cement with 1/4# flocele/sx and 3% calcium chloride (282 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/348 sx Class "B" w/3% sodium metasilicate, 7# gilsonite/sx and 0.5# flocele/sx. Tail w/90 sx 50/50 Class "G" Poz w/2% gel, 2% calcium chloride, 7# gilsonite/sx and 0.5# flocele/sx (1014 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 to determine TOC. Test casing to 1500 psi for 30 minutes.

7" intermediate casing alternative two stage: Stage collar at 2401'. First stage: cement with 228 sx Class "B" 50/50 poz w/2% gel, 7 pps Gilsonite, 1% calcium chloride, 0.5 pps Cellophane. Second stage: 280 sx Class "B" with 3% sodium metasilicate, 1/2 pps Cellophane, 7 pps Gilsonite (1041 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 2131'. Two turbolating centralizers at the base of the Ojo Alamo at 2131'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

**4 1/2" Production Liner -**

Cement to circulate liner top. Pump 231 sx 50/50 Class "B" Poz w/1/4# flocele/sx, 2% gel, 0.1% retardant, 5# gilsonite/sx and 0.4% fluid loss additive (331 cu.ft., 40% excess to circulate liner top). WOC a minimum of 18 hrs prior to completing.

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. The liner hanger will have a rubber packoff.

- 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 (Air/Mist Drilling):

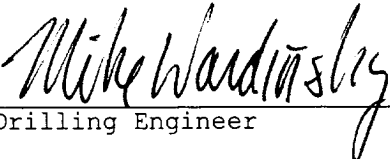
The following equipment will be operational while gas/mist drilling:

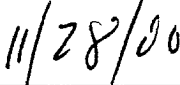
- An anchored blooie line will be utilized to discharge all cuttings and circulating medium to the blow pit a minimum of 100' from the wellhead.
- The blooie line will be equipped with an automatic igniter or pilot light.
- Compressors will be located a minimum of 100' from the wellhead in the opposite direction from the blooie line.
- Engines will have spark arresters or water cooled exhaust.
- 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 Mesa Verde formations will be completed.
- No abnormal temperatures or hazards are anticipated.
- Anticipated pore pressures are as follows:

Fruitland Coal	200 psi
Pictured Cliffs	500 psi
Mesa Verde	600 psi
- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered below the top of the Pictured Cliffs.
- The west half of Section 31 is dedicated to the Mesa Verde.
- This gas is dedicated.

  
Drilling Engineer

  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No. NM-012709
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement Name and/or No. SAN JUAN 30-6 UNI
8. Well Name and No. SAN JUAN 30-6 UNIT 8B
9. API Well No. 3003926369
10. Field and Pool, or Exploratory Area BLANCO MESAVERDE
11. County or Parish, and State RIO ARRIBA NM

<b>SUBMIT IN TRIPLICATE - Other instructions on reverse side.</b>	
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well Other	
2. Name of Operator BURLINGTON RESOURCES OIL & GAS	
3a. Address 3401 EAST 30TH FARMINGTON, NM 87402	3b. Phone No. (include area code) 505.326.9727
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1075FWL 1400FNL F-31-30-7	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> SPUD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)
- (4-4-01) MIRU. Spud well @ 7:45 p.m. 4-4-01. Drill to 306'. Circ hole clean. TOO. TIH w/7 jts 9 5/8" 32.3# WC-50 ST&C csg, set @ 301'. Cmt d w/260 sx Class "B" neat cmt w/3% calcium chloride, 0.25 pps Flocele (307 cu.ft.). Displace w/21.5 bbl wtr. Circ 21 bbl cmt to surface. WOC.(4-5-01) NU BOP. PT BOP & csg to 600 psi/30 min, OK. Drilling ahead. APD ROW related

Electronic Submission #3450 verified by the BLM Well Information System for BURLINGTON RESOURCES OIL & GAS Sent to the Farmington Field Office Committed to AFMSS for processing by Maurice Johnson on 04/10/2001	
Name (Printed/Typed) PEGGY COLE	Title REPORT AUTHORIZER
Signature	Date 04/05/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	APR 13 2001 Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	FIELD OFFICE