

submitted in lieu of Form 3160-5
**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

DIST. 3

Sundry Notices and Reports on Wells

2007 MAR 20 PM 3:39

1. Type of Well
GAS

RECEIVED
BLM
210 FARMINGTON NM

5. Lease Number
SF-079266
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name

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

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number

Vaughn #12N
9. API Well No.

4. Location of Well, Footage, Sec., T, R, M

30-039-30022

10. Field and Pool

Unit E (SWNW), 1430' FNL & 660' FWL, Sec. 26, T26N, R6W, NMPM

Basin DK / Blanco MV
11. County and State
Rio Arriba, NM

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

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input checked="" 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 type="checkbox"/> Plugging <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

☒ Other - Change casing design

13. Describe Proposed or Completed Operations

Want to change surface casing depth from 200' to 335' with 12.25" hole w/csg 8.58, 24#, J-55. Mud drill 7.78" hole, w/ csg 4.5", 11.6, N-80. Stage tool set @ 4715. TD will be changed from 7092' to 7192'.

Changes to cement program?

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

Signed Rhonda Rogers Rhonda Rogers Title Regulatory Technician Date 3/20/07

(This space for Federal or State Office use)

APPROVED BY [Signature] Title RE Date MAR 21 2007

CONDITION OF APPROVAL, if any:

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

NMOCD

Well Prognosis / Data Sheet

Company: Burlington Resources Date: 6/27/2006
 Area Geologist: Eddie Pippin/Sharon Nez Date:
 Lease / Well No.: VAUGHN 12N
 Location: (footage) 1430' FNL & 660' FWL
 Sec. - Town. - Range (E) Sec 26 T26N R06W
 County: Rio Arriba State: New Mexico
 Field: Basin Dakota/Blanco Mesaverde
 Elevation: (est.) Gr. KB
 (surveyed) Gr. 6352 KB 6364
 MOI Drilling Engineer:
 Rig Number:

Wireline Logging Co.:
 Operations Geologist: Eddie Pippin
 Phone: Office - 505-326-9780
 Home - 505-327-1104
 Cell phone - 505-320-8549
 Fax - 505-599-4053

Field Log Requirements:
 Prints of all logs left on location: 1
 Prints of all logs to Ops. Geol. ASAP: 2
 (check distribution list for final prints)

Preliminary Formation Picks:	Tops		Zones			
	Depth	Subsea	Water		Hydrocarbon	
Surface	San Jose	xxxxx	Fresh	Salt	Oil	Gas
T/Ojo Alamo	2019	4345				
T/Kirtland	2179	4185				
T/Fruitland Coal	2484	3880				
T/Pictured Cliffs	2636	3728				
T/Lewis	2759	3605				
T/Huerfano Bentonite	3069	3295				
T/Chacra	3511	2853				
T/Massive Cliff House	4284	2080				
T/Menefee	4319	2045				
T/Massive Point Lookout	4864	1500				
T/Mancos Shale	5209	1155				
T/Upper Gallup	5939	425				
T/Greenhorn	6778	-414				
T/Graneros	6832	-468				
T/Two Wells	6873	-509				
T/Upper Cubero	6986	-622				
T/Lower Cubero	7019	-655				
T/Encinal	7092	-728				
Total Depth: 7092 + 100' to bot @ Oak Canyon Sand						

Remarks

Estimated bottom perf. 7082
 7172

Fluid in Hole: See Drilling Procedure
 Gauge Well at:
 Bit Size:
 Casing: Surface -
 Intermediate - See Drilling Procedure
 To be Run -

Pressure Control:

Correlation Logs:

20' above TD

Vaughn 12M NW26-26N-06W
 Vaughn 13 NE27-26N-06W
 Vaughn 12 SW26-26N-06W

Logging Program:

No open hole logs required at TD.

Cased Hole GR / CBL

Directions: