

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

Sundry Notices and Reports on Wells

2005 SEP 26 3:52 PM  
 RECEIVED  
 070 FARMINGTON  
 Lease Number NMNM-031847  
 If Indian, All. or Tribe Name

1. Type of Well  
 GAS

7. Unit Agreement Name

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

8. Well Name & Number

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

9. Lambe #1E  
 API Well No.

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

30-045-33881

Unit M (SWSW), 1220' FSL & 1125' FWL, Sec. 21, T31N, R10W, 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		Other
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans	<input type="checkbox"/>
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	<input type="checkbox"/>
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing	<input type="checkbox"/>
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off	<input type="checkbox"/>
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/>

13. Describe Proposed or Completed Operations

This well was permitted with the normal Burlington cement design and BOP set-up. Plans have changed to using a COPC cement design and their BOP design for this well. See the attached revised drilling plan and new BOP design. Also note that we don't anticipate having a loss in circulation during the drilling and cementing of this well, but if we do encounter losses, we may two stage the intermediate casing to avoid problems getting cement to surface on this well.

Verbal approval was given by Wayne Townsend on 9/25/05 to spud this well with the new design and then he will review the rest of the plan before giving his approval on the changes.

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

Signed Patsy Clugston Title Sr. Regulatory Specialist Date 9/25/06

(This space for Federal or State Office use)  
 APPROVED BY Wayne Townsend Title Pct. Eng. Date 9/27/06

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

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# Lambe 1E

## SURFACE:

HOLE: 12.25 "  
CSG OD: 9.625 "  
CSG ID: 9.001 "  
WGT: 32.3 ppf  
GRADE: H-40  
EXCESS: 125 %

DEPTH: 120'

## INTERMEDIATE LEAD:

### Option 4

320 sx  
163.9 bbis  
920.3 cuft  
2.88 ft<sup>3</sup>/sx  
11.5 ppg  
16.85 gal/sx  
Standard Cement  
+ 3% Econolite (Extender)  
+ 10 lb/sx Phenoseal

Comp. Strength  
1:47 50 psi  
12 hrs 350 psi  
24 hrs 450 psi

HOLE: 8.75 "  
CSG OD: 7 "  
CSG ID: 6.456 "  
WGT: 20 ppf  
GRADE: J-55  
EXCESS: 150 %

TAIL: 628'

DEPTH: 3140'

### Option 5

438 sx  
163.9 bbis  
920.3 cuft  
2.10 ft<sup>3</sup>/sx  
11.7 ppg  
11.724 gal/sx  
75% Type XI / 25% Class G Cement  
+ 0.25 lb/sx D029 Cellophane Flakes  
+ 3% D079 Extender  
+ 0.20% D046 Antifoam

Comp. Strength  
10:56 500 psi  
42 hrs 1012 psi

## INTERMEDIATE TAIL:

## PRODUCTION:

HOLE: 6.25 "  
CSG OD: 4.5 "  
CSG ID: 4 "  
WGT: 11.6 ppf  
GRADE: N-80  
EXCESS: 50 %

DEPTH: 7435'

# Lambe 1E

## APD Cement Calculations

HOLE: 12.25 "  
 CSG OD: 9.625 "  
 CSG ID: 9.001 "  
 WGT: 32.3 ppf  
 GRADE: H-40  
 EXCESS: 125 %  
 DEPTH: **120**

HOLE: 8.75 "  
 CSG OD: 7 "  
 CSG ID: 6.456 "  
 WGT: 20 ppf  
 GRADE: J-55  
 EXCESS: 150 %  
 TAIL: **626**  
 DEPTH: **3140**

HOLE: 6.25 "  
 CSG OD: 4.5 "  
 CSG ID: 4 "  
 WGT: 11.6 ppf  
 GRADE: N-80  
 EXCESS: 50 %  
 DEPTH: **7435**

### SURFACE:

Option 1  
**79 sx**  
 16.4 bbls  
 91.9 cuft  
 1.17 ft<sup>3</sup>/sx  
 15.8 ppg  
 4.973 gal/sx  
 Class G Cement  
 + 3% S001 Calcium Chloride  
 + 0.25 lb/sx D029 Cellophane Flakes

Comp. Strength  
 6 hrs 250 psi  
 8 hrs 500 psi  
 psi

Option 2  
**76 sx**  
 16.4 bbls  
 91.9 cuft  
 1.21 ft<sup>3</sup>/sx  
 15.6 ppg  
 5.29 gal/sx  
 Standard Cement  
 + 3% Calcium Chloride  
 + 0.25 lb/sx Floccle

Comp. Strength  
 6 hrs 250 psi  
 8 hrs 500 psi  
 psi

Option 3  
**37 sx**  
 10.6 bbls  
 59.3 cuft  
 1.61 ft<sup>3</sup>/sx  
 14.5 ppg  
 7.41 gal/sx  
 Type-II Ready Mix  
 + 20% Fly Ash

Comp. Strength  
 8 hrs 475 psi  
 24 hrs 1375 psi

### INTERMEDIATE LEAD:

Option 1  
**338 sx**  
 163.9 bbls  
 920.3 cuft  
 2.72 ft<sup>3</sup>/sx  
 11.7 ppg  
 15.74 gal/sx  
 Class G Cement  
 + 3% D079 Extender  
 + 0.20% D046 Antifoam  
 + 10 lb/sx Phenoseal

Comp. Strength  
 9 hrs 300 psi  
 48 hrs 525 psi  
 psi

Option 2  
**354 sx**  
 163.9 bbls  
 920.3 cuft  
 2.60 ft<sup>3</sup>/sx  
 11.5 ppg  
 14.62 gal/sx  
 Type III Ashgrove Cement  
 + 30 lb/sx San Juan Poz  
 + 3% Bentonite  
 + 5.0 lb/sx Phenoseal

Comp. Strength  
 1-47 hrs 50 psi  
 12 hrs 350 psi  
 24 hrs 450 psi

Option 3  
**350 sx**  
 163.9 bbls  
 920.3 cuft  
 2.63 ft<sup>3</sup>/sx  
 11.7 ppg  
 15.92 gal/sx  
 Class G Cement  
 + 3% D079 Extender  
 + 0.20% D046 Antifoam  
 + 1.0 lb/bbl CemNet

Comp. Strength  
 3 hrs 100 psi  
 24 hrs 443 psi

### INTERMEDIATE TAIL:

Option 1  
**188 sx**  
 43.8 bbls  
 245.7 cuft  
 1.31 ft<sup>3</sup>/sx  
 13.5 ppg  
 5.317 gal/sx  
 50/50 Poz: Class G Cement  
 + 0.25 lb/sx D029 Cellophane Flakes  
 + 3% S001 Calcium Chloride  
 + 2% D020 Bentonite  
 + 1.5 lb/sx D024 Gilsomite Extender  
 + 0.1% D046 Antifoamer  
 + 6 lb/sx Phenoseal

Comp. Strength  
 3-53 500 psi  
 8-22 1000 psi  
 24 hrs 3170 psi  
 48 hrs 5399 psi

Option 2  
**185 sx**  
 43.8 bbls  
 245.7 cuft  
 1.33 ft<sup>3</sup>/sx  
 13.5 ppg  
 5.52 gal/sx  
 50/50 Poz: Standard Cement  
 + 2% Bentonite  
 + 6.0 lb/sx Phenoseal

Comp. Strength  
 2-05 50 psi  
 4-06 500 psi  
 12 hrs 1250 psi  
 24 hrs 1819 psi

Option 3  
**192 sx**  
 43.8 bbls  
 245.7 cuft  
 1.28 ft<sup>3</sup>/sx  
 13.5 ppg  
 5.255 gal/sx  
 50/50 Poz: Class G Cement  
 + 2% D020 Bentonite  
 + 5.0 lb/sx D024 Gilsomite Extender  
 + 2% S001 Calcium Chloride  
 + 0.1% D046 Antifoamer  
 + 0.15% D065 Dispersant  
 + 1.0 lb/bbl CemNet

Comp. Strength  
 24 hrs 1850 psi  
 48 hrs 3411 psi

### PRODUCTION:

Option 1  
**475 sx**  
 121.9 bbls  
 684.7 cuft  
 1.44 ft<sup>3</sup>/sx  
 13.0 ppg  
 6.47 gal/sx  
 50/50 Poz: Class G Cement  
 + 0.25 lb/sx D029 Cellophane Flakes  
 + 3% D020 Bentonite  
 + 1.0 lb/sx D024 Gilsomite Extender  
 + 0.25% D167 Fluid Loss  
 + 0.25% D065 Dispersant  
 + 0.1% D800 Retarder  
 + 0.1% D046 Antifoamer  
 + 3.5 lb/sx Phenoseal

Comp. Strength  
 7 hrs 500 psi  
 24 hrs 2100 psi  
 psi

Option 2  
**472 sx**  
 121.9 bbls  
 684.7 cuft  
 1.45 ft<sup>3</sup>/sx  
 13.1 ppg  
 6.55 gal/sx  
 50/50 Poz: Standard Cement  
 + 3% Bentonite  
 + 0.2% CFR-3 Friction Reducer  
 + 0.1% HR-5 Retarder  
 + 0.8% Halad-9 Fluid Loss Additive  
 + 3.5 lb/sx Phenoseal

Comp. Strength  
 9-32 50 psi  
 12 hrs 500 psi  
 13-29 1026 psi  
 24 hrs 2300 psi

Option 3  
**472 sx**  
 121.9 bbls  
 684.7 cuft  
 1.45 ft<sup>3</sup>/sx  
 13.1 ppg  
 6.55 gal/sx  
 50/50 Poz: Standard Cement  
 + 3% Bentonite  
 + 0.2% CFR-3 Friction Reducer  
 + 0.1% HR-5 Retarder  
 + 0.8% Halad-9 Fluid Loss Additive  
 + 3.5 lb/sx Phenoseal

Comp. Strength  
 9-32 50 psi  
 12 hrs 500 psi  
 13-29 1026 psi  
 24 hrs 2300 psi

# AZTEC 184 BOP SYSTEM

