

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON**

RESOURCES OIL &amp; GAS COMPANY LP

3. Address & Phone No. of Operator

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

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

790' FNL, 790' FEL, Sec.13, T-31-N, R-10-W, NMPM

5. Lease Number

NMNM-014110

6. If Indian, All. or  
Tribe Name

070 Farmington, NM

7. Unit Agreement Name

8. Well Name & Number

Walker Koch #101

9. API Well No.

30-045-30479

10. Field and Pool

Basin Fruitland Coal

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

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

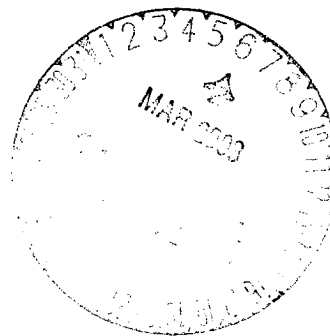
13. Describe Proposed or Completed Operations

The well number has been changed from the Walker Koch #5C to the Walker Koch #101.

Attached is a revised operations plan for the subject well.

- Approval expires 4/2/03

28918



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

Signed Nancy Olthmans - for Title Regulatory Supervisor Date 2/25/03

(This space for Federal or State Office use)

APPROVED BY Jim Lovato

Title

Date

MAR - 3 2003

CONDITION OF APPROVAL, if any:

NMOCDD

### OPERATIONS PLAN

**Well Name:** Walker Koch #101  
**Location:** 790' FNL, 790' FEL Section 13, T-31-N, R-10-W  
Latitude 36° 54.2' N, Longitude 107° 49.8' W  
San Juan County, NM  
**Formation:** Basin Fruitland Coal  
**Elevation:** 6590' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2038'	
Ojo Alamo	2038'	2093'	aquifer
Kirtland	2093'	2971'	gas
Fruitland	2971'	3401'	gas
Pictured Cliffs	3401'		gas
Total Depth	3501'		

**Logging Program:** Platform Express from TD to surface.

**Mudlog:** 2093' to TD.

**Coring Program:** none

**Mud Program:**

Interval	Type	Weight	Vis.	Fluid Loss
0-120'	Spud	8.4-9.0	40-50	no control
120-3501'	Non-dispersed	8.4-9.5	30-60	no control

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

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
8 3/4"	0' - 120'	7"	20.0#	J-55
6 1/4"	0' - 3501'	4 1/2"	10.5#	K-55

**Tubing Program:**

0' - 3501'	2 3/8"	4.7#	J-55
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**Float Equipment:** 7" surface casing - saw tooth guide shoe.

Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - guide shoe and self-fill float collar. Three centralizers run every fourth joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2093'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

**Wellhead Equipment:** 7" x 4 1/2" x 2 3/8" x 11" 2000 psi xmas tree assembly.

**Walker Koch #101**

**Cementing:**

7" surface casing - cement with 38 sx Class "B" Type III cement with 0.25 pps Celloflake and 3% calcium chloride (54 cu.ft. of slurry, 200% excess to circulate to surface). WOC 24 hours for pre-set holes or 8 hours for conventionally set holes before pressure testing or drilling out from under surface casing. Test casing to 600 psi/30 minutes.

4 1/2" production casing - lead w/194 sacks Premium Lite cement with 3% calcium chloride, 0.25 pps Celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium metasilicate. Tail with 90 sacks Type III cement with 1% calcium chloride, 0.25 pps Celloflake, 0.2% fluid loss (538 cu.ft., 50% excess to circulate to surface).

4 1/2" production casing alternative two stage: Stage collar 2871'. First stage: cement with w/70 sx Type III cmt w/1% calcium chloride, 0.25 pps Flocele, 0.2% fluid loss. Second stage: 207 sx Premium Lite cmt with 3% calcium chloride, 0.25 pps Flocele, 5 ps LCM-1, 0.4% fluid loss, 0.4% SMS (538 cu.ft., 50% excess to circulate to surface).

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

**BOP and tests:**

Surface to TD - 11" 2000 psi (minimum) double gate BOP stack (Reference Figure #1). Prior to drilling out surface casing, test rams to 600#/30 min.

Completion - 7 1/6" 2000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to completion operations, test blind rams and casing to 1500 psi for 30 minutes; all pipe rams and casing to 1500 psi for 30 minutes each.

From surface to TD - choke manifold (Reference Figure #3).

Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

**Additional information:**

- \* The Fruitland Coal formation will be completed.
- \* Anticipated pore pressure for the Fruitland is 570 psi.
- \* This gas is dedicated.
- \* The east half of section 13 is dedicated to the Fruitland Coal.

Drilling Engineer: Bennan D. Shurt Date: 2/26/03