

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY</p> <hr/> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 1140' FSL, 1180' FWL, Sec.24, T-27-N, R-9-W, NMPM</p>	<p>5. Lease Number NAV-G065211</p> <p>6. If Indian, All. or Tribe Name Navajo</p> <p>7. Unit Agreement Name Huerfanito Unit</p> <hr/> <p>8. Well Name & Number Huerfanito Unit #45R</p> <p>9. API Well No. 30-045-30480</p> <p>10. Field and Pool Blanco PC South</p> <p>11. County and State San Juan Co, NM</p>
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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 Back	<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
	<input checked="" type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

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

2001 FEB 23 PM 1:40



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

Signed *Regina Call* Title Regulatory Supervisor Date 2/23/01
TLW

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date 2/23/01

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.

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OPERATIONS PLAN

Well Name: Huerfanito Unit #45R
Location: 1140' FSL, 1180' FWL, Section 24, T-27-N, R-9-W
San Juan County, New Mexico
Latitude 36° 33.38', Longitude 107° 44.67'
Formation: Blanco Pictured Cliffs South
Elevation: 6159' GR

Formation:	Top	Bottom	Contents
Surface	San Jose	1246'	
Ojo Alamo	1246'	1368'	aquifer
Kirtland	1368'	1732'	gas
Fruitland	1732'	2109'	gas
Pictured Cliffs	2109'		gas
Total Depth	2309'		

Logging Program: cased hole - CBL/GR/CCL TD to surface

Coring Program: None

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 120'	Spud	8.4-9.0	40-50	no control
120-2309'	FW	8.4-9.0	32-45	no control

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

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
8 3/4"	0 - 120'	7"	20#	J-55
6 1/4"	0 - 2309'	2 7/8"	6.5#	J-55

Float Equipment: 7" surface casing - saw tooth guide shoe.
Centralizers will be run in accordance with Onshore Order #2.

2 7/8" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Seven centralizers run every 3rd joint to the base of the Ojo Alamo @ 1368'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1368'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 2 7/8" 2000 psi screw on independent wellhead.

Cementing:

7" surface casing - cement with 46 sx Class "H" cement with 1/4# flocele/sx and 3% calcium chloride (54 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hrs. Test casing to 600 psi for 30 minutes.

2 7/8" production casing - Lead w/256 sx Class "G" TXI lightweight cement w/2.5% sodium metasilicate, 1/2 pps flocele, 10 pps gilsonite, 2% calcium chloride, and 0.2% antifoam agent. Tail w/90 sx 50/50 Class "G" Poz w/2% gel, 2% calcium chloride, 1/4 pps flocele, 5 pps gilsonite, and 0.1% antifoam agent (776 cu.ft. of slurry, 100% 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 psi/30 min.

Completion - 7 1/16" 2000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to completion operations, test rams and casing to 2000 psi/15 min.

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

Pipe rams will be actuated to 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 Pictured Cliffs formation will be completed.
- * Anticipated pore pressure for the Pictured Cliffs is 500 psi.
- * This gas is dedicated.
- * The southwest quarter of Section 24 is dedicated to the Pictured Cliffs.

E. J. Giles
Drilling Engineer

12/29/00