

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 <b>BURLINGTON RESOURCES</b> OIL &amp; GAS COMPANY</p> <hr/> <p>3. Address &amp; 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 1650' FSL 1650' FWL, Sec. 26, T-27-N, R-11-W, NMPM</p>	<p>Lease Number SP-078092</p> <p>If Indian, All. or Tribe Name</p> <p>Unit Agreement Name</p> <p>Well Name &amp; Number Douthit Federal #5</p> <p>API Well No. 30-045-06231</p> <p>Field and Pool Kutz Pictured Cliffs</p> <p>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 checked="" type="checkbox"/> Abandonment	<input 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 type="checkbox"/> Other -		

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure.

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

Signed [Signature] (KLM1) Title Regulatory Administrator Date 9/8/98  
TLW

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer Title \_\_\_\_\_ Date SEP 18 1998

CONDITION OF APPROVAL, if any \_\_\_\_\_

# PLUG & ABANDONMENT PROCEDURE

8-28-98

## Douthit Federal #5

DPNO 17505A


Pictured Cliffs

1650' FSL, 1650' FWL / SW, Section 26, T27N, R11W,  
San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50% excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

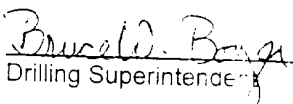
1. Install and test location rig anchors. Prepare blow pit. Comply with all NMCCO, BLM, and BRCGC safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. Round-trip 5-1/2" gauge ring to 2000' or as deep as possible. Run CBL to determine TOC.
3. **Plug #1 (Squeeze Open Hole, Pictured Cliffs Interval and Fruitland top, 2061' – 1690')**: Set 5-1/2" cement retainer at 1980'. PU 2" tubing workstring. RIH with tubing and tag CR. Load casing with water and establish circulation. Sting into retainer and establish injection with water under retainer. Mix 61 sxs Class B cement and squeeze 21 sxs into the open hole below the bridge plug and leave 40 sxs inside casing above the CR to isolate the Pictured Cliffs interval and cover Fruitland top. If injection under retainer cannot be established, then cap retainer with 40 sxs. TOH and WOC due to casing leaks. TIH and tag cement. Attempt to pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. TOH with tubing.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 1040' – 820')**: Perforate 3 HSC squeeze holes at 1040' (may adjust due to CBL results). Set 5-1/2" cement retainer at 990'. Mix 126 sxs Class B cement, squeeze 94 sxs outside 5-1/2" casing and leave 32 sxs inside casing to cover Ojo Alamo top. TOH and LD tubing.
5. **Plug #3 (9-5/8" Casing shoe at 105')**: Perforate 3 HSC squeeze holes at 105'. Establish circulation out bradenhead valve. Mix and pump approximately 68 sxs Class B cement down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
6. BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

  
Operations Engineer

8/2/98

Approval:

  
Drilling Superintendent

8-2-98