

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

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 975' FNL, 790' FEL, Sec. 29, T-32-N, R-12-W, NMPM, San Juan County</p>	<p>API # (assigned by OCD) 30-045-24512</p> <p>5. Lease Number Fee</p> <p>6. State Oil&Gas Lease #</p> <p>7. Lease Name/Unit Name Culpepper Martin</p> <p>8. Well No. 19</p> <p>9. Pool Name or Wildcat Aztec Pictured Cliffs</p> <p>10. Elevation:</p>
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Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

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

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OIL CON. DIV.
Rm 3

SIGNATURE Nancy D. Thomas (KM4) Regulatory Administrator May 23, 1997

(This space for State Use)

Approved by Original Signed by FRANK T. CHAVEZ Title SUPERVISOR DISTRICT # 3 Date MAY 27 1997

PLUG AND ABANDONMENT PROCEDURE

12-20-96

Culpepper Martin #19
Aztec Pictured Cliffs
975' FNL, 790' FEL
NE, Sec. 29, T32N, R12W
San Juan County, New Mexico

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

1. Install and/or test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Meridian safety rules and regulations.
2. 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. PU 1-1/4" EUE tubing work string.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland top, 2398' - 1758')**: RIH with open ended tubing to 2398' or as deep as possible. Pump 15 bbls water down tubing. Mix and spot 15 sxs Class B cement from 2398' to 1853' to cover Pictured Cliff perforations; pull up hole to 1853' and spot another 15 sxs cement to cover Fruitland top. POH with tubing. WOC then RIH and tag cement. Pressure test casing to 500#. POH and LD tubing if casing tested.
4. **Plug #2 (Kirtland, Ojo Alamo and Surface)**: Perforate 2 squeeze holes at 490'. If casing tested, then establish circulation out bradenhead valve. Mix and pump approximately 150 sxs Class B cement down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
If casing did not test, then prior to perforating run a 2-7/8" gauge ring to 500'. After perforating, set a wireline cement retainer at 450'. PU stinger and RIH; sting into retainer and establish rate into squeeze holes. With casing valve open, mix and pump approximately 135 sxs Class B cement, circulate good cement out bradenhead valve; sting out of retainer and spot 15 sxs inside 2-7/8" casing above CR to circulate cement out casing valve. POH and LD tubing. If casing flows while stung into retainer, then shut casing valve. WOC.
5. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

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Recommended: RZ Mackey 5/8/97
Operations Engineer

Approval: D.J. Jt 5/21/97
Drilling Superintendent

Culpepper Martin #19

Proposed P & A

DPNO 10657

Aztec Pictured Cliffs

NE Section 29, T-32-N, R-12-W, San Juan County, NM

Today's Date: 12/20/96

Spud: 12/31/80

Completed: 6/15/81

Elevation: 5955' (GL)

Logs: IES; Den-GR;
GR-CBL/CCL

Workovers: None

Nacimiento @ Surf

Ojo Alamo @ 478'

Kirtland @ 500'

Fruitland @ 1818'

Pictured Cliffs @ 2329'

8-5/8" 24# Csg set @ 179'
135 sxs (Circulated to Surface)

Plug #2 490' - Surface
Cmt with 150 sxs Class B.

Perf @ 490'

TOC @ 500' (CBL)

Plug #1 2398' - 1758'
Cmt with 30 sxs Class B

Pictured Cliffs Perforations:
2330' - 2348' (10 holes)

2-7/8" 6.5# J-55 Csg set @ 2539'
Cmt w/ 750 sxs

PBTD 2531'

TD 2550'

Culpepper Martin #19

Current -- 4/28/97

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