

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 1450' FSL, 1110' FWL, Sec. 22, T-32-N, R-12-W, NMPM, San Juan County</p>	<p>API # (assigned by OCD) 30-045-23335</p> <p>5. Lease Number Fee</p> <p>6. State Oil&Gas Lease #</p> <p>7. Lease Name/Unit Name Hubbard</p> <p>8. Well No. 5</p> <p>9. Pool Name or Wildcat Blanoc Pict.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.

RECEIVED
SEP - 5 1997

OIL CON. DIV.
DIST. 3

SIGNATURE *Reggie Bradfield* (MEL) Regulatory Administrator September 4, 1997

(This space for State Use)

Approved by *Johnny Robinson* Title DEPUTY OIL & GAS INSPECTOR, DIST. 3 Date SEP 05 1997

* P+H prior to 6-1-95

NOTIFY AZTEC OCD
IN TIME TO WITNESS P+H

PLUG AND ABANDONMENT PROCEDURE

7-14-97

Hubbard #5

Blanco Pictured Cliffs

DPNO 29905

SW, Sec. 22, 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 test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and BROGC safety regulations.
2. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and install cementing valve.
3. Open bradenhead valve. Establish rate down 2-7/8" casing with 20 bbls water, record pump rate and pressure. Monitor bradenhead for flow and monitor pressure, rate and volumes pumped, to confirm perforations taking water and there is not a casing leak. If bradenhead flows water or there are other indications of a casing leak, then ~~use~~ move on a pulling unit and use 1-1/4" tubing to plug well.
4. **Plug #1 (Pictured Cliffs perforations, Fruitland tops, 2590' - 2055')**: Establish rate into Pictured Cliffs perforations with water. Mix and pump 53 sxs Class B cement down 2-7/8" casing, displace to 1000'. Shut in well and WOC. RU mast truck and RIH with wireline and tag cement. Pressure test casing to 500#. If casing leaks then RIH with 1-1/4" tubing to 2640' or as deep as possible and spot a 20 sx plug. POH, WOC then tag cement.
5. **Plug #2 (Kirtland and Ojo Alamo top, 780' - 656')**: If casing tested, perforate 2 squeeze holes at 780'. Establish rate into squeeze holes. Mix 58 sxs Class B cement and pump down 2-7/8" casing, squeeze 43 sxs outside casing and leave 15 inside, displace to 250'. WOC and tag cement. If casing leaks after plug #1, then perforate at 780' and set 2-7/8" wireline cement retainer at 730'. RIH with tubing, sting into retainer and then establish rate into squeeze holes. Mix 48 sxs Class B cement and squeeze 43 sxs cement outside 2-7/8" casing and leave 5 sxs cement inside casing to cover Ojo Alamo top. POH and LD tubing.
6. **Plug #3 (Surface)**: Perforate 2 squeeze holes at 192'. Establish circulation out bradenhead valve. Mix and pump approximately 56 sxs Class B cement down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
7. 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.

Recommended: M. J. H. H.
Operations Engineer

Approval: W. J. H. 7/3
Drilling Superintendent

Hubbard #5

Proposed P&A

DPNO 29905

Blanco Pictured Cliffs

SW Section 22, T-32-N, R-12-W, San Juan County, NM

Long / Lat

Today's Date: 7/14/97

Spud: 2/10/79

Completed: 8/7/79

Elevation: 6135' GL

Logs: IES: GR-Density; GR

Workover: None

12-1/4" hole

8-5/8" 24#, K55 Casing set @ 142'
Cmt with 110 sxs (Circulated to Surface)

Perforate @ 192'

Plug #3 192' - Surface
Cmt with 56 sxs Class B.

Ojo Alamo @ 706'

Kirtland @ 730'

Plug #2 780' - 656'
Cmt with 58 sxs Class B,
43 sxs outside casing
and 15 sxs inside,
displace to 250'.

Perforate @ 780'

TOC @ 1235' (Calc, 75%)

Fruitland @ 2105'

Plug #1 2590' - 2055'
Cmt with 53 sxs Class B,
(20% excess, displace to
1000').

Pictured Cliffs @ 2525'

Pictured Cliffs Perforations:
2578' - 2590' (3 holes)

6-3/4" hole

PBTD 2718'

2-7/8" 6.5#, K55 Csg set @ 2738
Cmt with 280 sxs (411 cf)

TD 2750'

Hubbard #5

Current

DPNO 29905

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Cmt with 110 sxs (Circulated to Surface)

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