

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator  
**BURLINGTON RESOURCES**  
OIL & GAS COMPANY

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M  
990' FNL, 990' FWL, Sec. 7, T-31-N, R-11-W, NMPM

5. Lease Number  
SF-078115

6. If Indian, All. or Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Grenier #4

9. API Well No.  
30-045-10949

10. Field and Pool  
Blanco MV/PC

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

<input checked="" type="checkbox"/> Notice of Intent	<input 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 checked="" type="checkbox"/> Other - Commingle	

13. Describe Proposed or Completed Operations

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

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

Signed James Cole Title Regulatory Administrator Date 10/25/99  
trc

(This space for Federal or State Office use)

APPROVED BY /s/ Joe Hewitt Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:


Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

**Grenier #4**  
**MV/PC**  
**990' FNL, 990' FWL**  
**Unit D, Section 7, T-31-N, R-11-W**  
**Latitude / Longitude: 36° 55.0571' / 108° 2.1881'**  
**Asset Completion Number: 2562502 MV/2562501 PC**  
**Recommended Commingle Procedure 7/19/99**

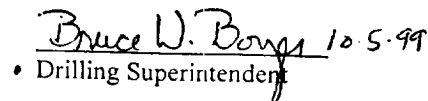
1. Hold safety meeting. Comply with all NMOC, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. Notify **BROG Regulatory (Peggy Bradfield 326-9727)** and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS/WIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.
2. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water if necessary. Set plug in MV tubing. ND WH and NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. A single-tubing donut and WH will be needed. Test secondary seal and replace/install as necessary.
3. Mesaverde 1-1/2" tubing is set at 5100' in a Model "FA" production packer. Pick straight up on MV tubing to release seal assembly from Baker Model "FA" packer. TOOH with 1-1/2" tubing and LD seal assembly. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer.
4. TIH w/ 1-1/2" tubing and Baker "packer plucker" milling tool to recover Model "FA" packer. Mill over upper slips on packer with air/mist using a minimum mist rate of 12 bph. TOOH and lay down packer.
5. TIH w/ 2-7/8" bit, bit sub and watermelon mill on 1-1/2" tubing and round trip to PBTD cleaning out with air/mist using a minimum mist rate of 12 bph. Contact operations engineer if it is necessary to remove scale from the casing and perforations. PU above the perfs and flow the well naturally, making short trips for clean up when necessary. TOOH laying down bit, bit sub and mill.
6. TIH with 1-1/2", 2.9#, J-55 EUE tubing with a notched expendable check on bottom, then 1/2 of the 1-1/2" tubing. Run a broach on sandline to insure that the tubing is clear. TIH with remaining 1-1/2" tubing and then broach this tubing. Replace any bad joints. CO to PBTD with air/mist (using a minimum mist rate of 12 bph).
7. Land tubing at  $\pm 5235'$ . ND BOP and NU single-tubing hanger WH. Pump off expendable check. Obtain final pitot gauge up the tubing. Connect to casing and circulate air to assure that the expendable check has pumped off. If well will not flow on its own, make swab run to F-Nipple. RD and MOL. Return well to production.

Recommended:

  
Operations Engineer

Mary Ellen Lutey

Approved:

 10-5-99  
• Drilling Superintendent

Office - (599-4052)  
Home - (325-9387)  
Pager - (324-2671)

MEL/klg

**Grenier #4**  
**Current**  
**Blanco Mesaverde/Blanco Pictured**  
**Cliffs**  
**990' FNL, 990' FWL,**  
**Unit D, Section 7, T-31-N, R-11-W**  
**San Juan County, NM**  
**Latitude/Longitude:**  
**36°55.0571' / 108°2.1881'**

Today's Date: 7-20-99

Spud: 4-11-51

Completed: 5-31-51

Elevation: 6296' (GL)

6308' (KB)

Workovers:

7/70 Sidetracked (Whipstock @ 4920' and window from 4901'-4908'.)

10/77 Pulled tbg and redressed seal assembly.

15" hole

Fruitland @ 2410'

Pictured Cliffs @ 2880'

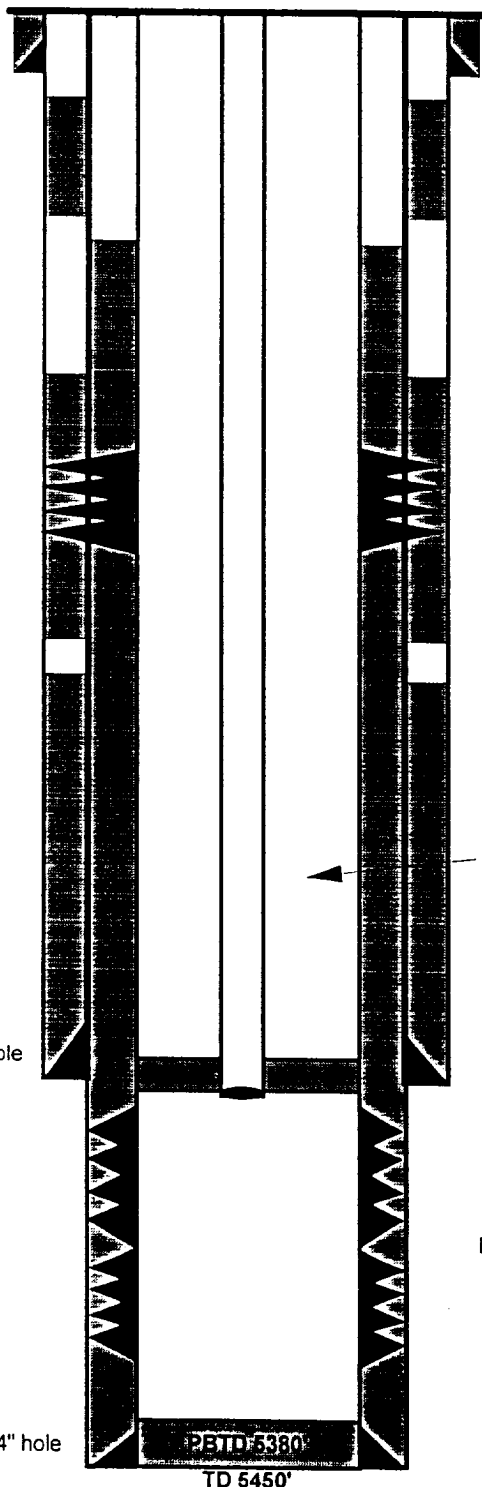
Cliff House @ 4425'

Meneffee @ 4700'

Point Lookout @ 5160'

7-7/8" hole

4-3/4" hole



10-3/4", 40.5# csg set @ 154' w/75 sx cmt.  
Circ. to surf.

Sqz hole in 5-1/2" @ 350' w/ 200 sx cmt.

Sqz hole in 5-1/2" @ 1255' w/ 50 sx cmt.

TOC 1483' by calc.

Perf & sqz @ 2868' w/ 75 sx.

Pictured Cliffs Perforations: 2906'-2929'

Perf & sqz 5-1/2" csg @ 2910' w/ 75 sx.

Perf & sqz 5-1/2" csg @ 3050' w/ 150 sx.

TOC 3777' by calc.

157 jts 1-1/2", 2.9# J-55 EUE set @ 5100' in Baker Model "FA" packer (@ 5100').

5-1/2", 14# csg set @ 5054',  
Cmt w/250 sx.

Mesaverde Perforations: 5140'-5242'

3-1/2", 7.7# csg set @ 5420'  
Cmt w/250 sx.

Initial Potential			Production History		Gas	Oil	Ownership		Pipeline
Initial AOF:	1,957 Mcfd	(5/51)(MV)	Cumulative:	5,357 MMcf	(MV) 17.8 Mbo		GWI:	25.00% (MV)	WFS
Initial AOF:	1,362 Mcfd	(11/70)(PC)	Cumulative:	374 MMcf	(PC) 198 Mbo		NRI:	20.87% (MV)	
Current SICP:	670 psig	(5/51)(MV)	Current:	102 Mcfd	(MV) 0.6 bbls/d		GWI:	25.00% (PC)	WFS
Current SICP:	783 psig	(11/70)(PC)	Current:	23 Mcfd	(PC) 0.0 bbls/d		NRI:	20.87% (PC)	