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

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-045-23646

1. **Type of Well**
GAS

5. **Lease Number**
FEE

6. **State Oil&Gas Lease #**

2. **Name of Operator**
BURLINGTON RESOURCES

7. **Lease Name/Unit Name**
Grenier

8. **Well No.** #11E

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

9. **Pool Name or Wildcat**
Glade FR/Basin DK

4. **Location of Well, Footage, Sec., T, R, M**
1075'FSL, 1850'FWL, Sec. 13, T-31-N, R-12-W, NMPM

10. **Elevation:** 6087'

Type of Submission	**Type of Action**	
_x_ Notice of Intent	_x_ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	___ Other -	

13. **Describe Proposed or Completed Operations**

It is intended to plug and abandon the Fruitland perforations and produce as a single Dakota well per the attached.

MAY 2000
RECEIVED
OIL CON. DIV.
DIST. 3

SIGNATURE Peggy Cole (DC) Regulatory Affairs Date 5-4-00

(This space for State Use)
Approved by ORIGINAL SIGNED BY CHARLIE T. PERRIN Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date MAY - 9 2000

Grenier #11E
Glade FR / Basin DK
1075' FSL, 1850' FWL
Unit N, Section 13, T-31-N, R-12-W
Latitude / Longitude: 36° 53.67096' / 108° 3.0945'
AIN: 2564701 FR/2564702 DK

Summary:

Grenier #11E was drilled and completed as a FR/DK dual producer in October 1979. Three perforations were shot in a FR sand and fracture stimulated with 17,600 lbs sand. Cumulative from the FR sand is 85 MMCF. The FR is currently shut in because it no longer produces economic quantities of gas. In 1995 a plunger lift system was installed on the DK. DK production responded well and sustained until the plunger became lodged in the tubing in mid 1997. Wireline attempts to retrieve the stuck plunger have been unsuccessful. Production has been shut in since this time. It is recommended to remove the dual production packer, squeeze the FR perforations, and place well back on plunger lift. Anticipated uplift is 175 MCFD.

1. Comply with all NMOCD, 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. RU slickline and run a gauge ring in 2-3/8" tubing. Tag stuck plunger. Set plug in DK tubing just above plunger. 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 for 2-3/8" tubing will be needed.) Test secondary seal and replace/install as necessary.

3. Fruitland 1-1/2" tubing is set at 2636'. TOOH and lay down 1-1/2", 2.4#, J-55, IJ FR tubing. Bottom joint is a 31' perforated joint with EUE collars. Dakota 2-3/8" tubing is set at 7242'. Pick straight up on 2-3/8" DK tubing to release the 5-1/2" Baker Model "R" packer set at 4700'. TOOH with 2-3/8", 4.7#, J-55 tubing and LD packer. Blast joints 2331-2362'. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer.

4. PU and TIH with 7-5/8" RBP and fullbore packer on 2-3/8" tubing. Set RBP at ± 2400'. Set packer just above RBP and pressure test to 1000 psi. Bleed off pressure. Spot sand on top of RBP. Allow sand time to settle. Release packer and PUH with 7-5/8" fullbore packer on 2-3/8" tubing. Set at + 2250'.

5. RU cement company. Estimate injection rate and pressure. Adjust cement volume as needed to compensate for injection rate and pressure. Squeeze into Fruitland perforations to 1000 psi with 100 sx of Class B cement (with .3% fluid loss). Displace cement with 9.5 Bbls of water. Release pkr, reverse circulate hole. TOOH with 5 stands and reset pkr. Pressure squeeze with 500 psi and leave SI for 18 hrs. TOOH.

6. TIH with 6-3/4" bit, 3-1/8" drill collars (if necessary) and 2-3/8" tubing. Drill out cement. Pressure test squeeze to 500 psi for 15 minutes. If test is not successful, note leak off rate and contact Superintendent and Operations Engineer.

7. CO to top of sand on RBP ~2390'. TOOH. TIH with retrieving head. Circulate sand off of RBP at 2400'. Latch onto RBP, release and allow pressures to equalize. TOOH and lay down RBP.

8. TIH with 4-3/4" bit, bit sub, and watermelon mill for 5-1/2", 15.5 & 17# casing on 2-3/8" tubing and round trip to PBTD, cleaning out with air/mist **(using a minimum mist mist rate of 12 bph).** Contact Operations Engineer if it is necessary to remove scale from the casing and perforations. PU above perforations and flow the well naturally, making short trips for clean up when necessary. TOOH laying down bit, bit sub and watermelon mill.

9. TIH with 2-3/8", 4.7#, J-55 tubing with a notched expendable check on bottom, F-Nipple (one joint off bottom), then ½ of the 2-3/8" tubing. Run a broach on sandline to insure that the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. **Replace any bad joints**. CO to PBTD with air/mist **(using a minimum mist rate of 12 bph)**.

10. Land tubing at ±7184'. 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

Approved: Bruce D. Boys 5-4-00 Drilling Superintendent

Jennifer L. Dobson: Office - (599-4026)
Home - (564-3244)
Pager - (324-2461)

Sundry Required: YES NO

Approved: _____ 5-4-00