

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **Range Operating New Mexico, Inc.**

3a. Address  
**100 Throckmorton St., Ste. 1200, Fort Worth, TX 76102**

3b. Phone No. (include area code)  
**817-869-4216**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**930' FSJ. & 2310' FEL, Unit O, Sec. 6, T22S, R37E**

5. Lease Serial No.  
**LC032573B**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**Elliott B Federal #20**

9. API Well No.  
**30-025-39023**

10. Field and Pool, or Exploratory Area  
**Blinebry, Tubb, Drinkard, Wantz; Abo**

11. County or Parish, State

**Lea**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Revised Injection</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Interval Test</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>Remedial Eval.</b>

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

*Set @ 700' per operator*  
"MIRU pulling rig. POOH w/ production equipment. RIH w/ RBP, test to 3,000 psi, dump 50' of sand on top. Perf 4 holes at 2, 720'. Set cement retainer at 2,670'. Open bradenhead valve. Sting into retainer with tubing and establish injection through perfs w/ produced fluid. Pump 370sx of cement, leaving cement in retainer w/ 200 psi over pump-in pressure. Sting out, reverse circulate, TOOII w/ tubing, SI for 24 hours. TIH w/ bit and drill out cement and retainer monitoring to ensure no green cement returns. Clean out to top of sand plug. Test casing and squeeze holes to 500 psi for 15 minutes. Circulate sand off of RBP and TOOII. TIH w/ RBP retriever, TOOII w/ RBP. RIH w/ production string and rods. Return well to production."

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Paula Hale**

Title Sr. Reg. Sp.

Signature

Date

**03/06/2009**

**APPROVED**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

**MAR 9 2009**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

**WESTLY W INGRAM**  
**PETROLEUM ENGINEER**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**Elliott B Federal #20  
30-025-39023  
Range Operating New Mexico, Inc.  
March 6, 2009  
Conditions of Approval**

**A two stage cement job was shown in the Approved APD. Operator performed a single stage job with 850 sacks, whereas the two stage job included 1600 sacks with a DV tool at 3500'. Operator achieved TOC of 2770'.**

- 1. If cement does not circulate with proposed procedure, operator is to provide method of verifying TOC. Minimum tie-back is 200' into 8-5/8" casing.**
- 2. Cement yield was not provided; used the 1.33 cu. ft /sack proposed in the original APD for the tail cement of Stage 2.**
- 3. Subsequent sundry required detailing work performed.**

**WWI 030909**