

OCD-HOBBS

Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. LC-032563-B
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____		6. If Indian, Allottee or Tribe Name
2. Name of Operator Range Operating New Mexico, Inc.		7. Unit or CA Agreement Name and No.
3. Address 777 Main Street Suite 800 Fort Worth Texas 76102	3a. Phone No. (include area code) (817) 870-2601	8. Lease Name and Well No. Elliott B Federal #12
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 330' FSL & 1980' FEL At top prod. interval reported below At total depth 330' SL & 1950' FEL		9. AFI Well No. 30-025-37735
		10. Field and Pool, or Exploratory Drinkard
		11. Sec., T., R., M., on Block and Survey or Area Sec. 6, T22S, R37E, N.M.P.M.
		12. County or Parish Lea 13. State NM
14. Date Spudded 05/03/2006	15. Date T.D. Reached 06/13/2006	16. Date Completed 06/28/2006 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod
17. Elevations (DF, RKB, RT, GL)* 3443		

18. Total Depth: MD TVD 6778	19. Plug Back T.D.: MD TVD 6768	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Dual Laterolog, Dual Spaced Neutron		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	8 5/8	24	0	1111	Lead	250 sx POZ/C	86	Surf	0
						290 sx C	68		
7 7/8	5 1/2	17	0	6778	Lead	1100 POZ/C	468	1600	0
					Tail	417 sx POZ/C			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	6406							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Drinkard	6256	6678	6256 - 6678	.40	24	Producing
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6526 - 6678	Acidized w/1500 gals 15% NEFE acid. Frac w/82,400 gals YF130ST (30# x-linked gel), 76,709#s 16/30 Ottawa sand & 30,882#s resin coated 16/30 sand.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/28/2006	07/01/2006		→	86	244	146	35.8	.8155	Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64	SI 200	55	→						

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

AUG 28 2006

LES BABYAK
PETROLEUM ENGINEER

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Drinkard	6303	6694	Gas, Oil, & Water	Rustler Yates 7 Rivers Queen Grayburg San Andres Glorieta Paddock Blinbry Tubb Drinkard Abo	1075 2675 2874 3314 3653 3897 5089 5241 5464 6130 6303 6694

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print)

Paula Hale

Title Sr. Reg. Sp.

Signature

Paula Hale

Date 07/11/2006

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.