Form 3160-4
(April 2004
)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. LC-032573B

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr,.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No. Elliott B Federal #17

3. Address 777 Main Street Suite 800 Fort Worth Texas 76102

3a. Phone No. *(include area code)* 817-870-2601

9. AFI Well No. 30-025-38517

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2150' FNL & 1650' FEL

At top prod. interval reported below

At total depth 2150' FNL & 1650' FEL

10. Field and Pool, or Exploratory Eunice; San Andres, Southwest

11. Sec., T., R., M., on Block and Survey or Area Unit G, Sec. 7-T22S-R37E

12. County or Parish Lea

13. State NM

14. Date Spudded 01/18/2007

15. Date T.D. Reached 01/21/2007

16. Date Completed 02/06/2007 [ ] D & A [ ] Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* 4300

18. Total Depth: MD 4352 TVD

19. Plug Back T.D.: MD 4282 TVD

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? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [X] No [ ] 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	8.625	24	0	1158		350 sx POZ/C	121	Surf	0
						150 sx C	35		
7.875	5.5	17	0	4347		650 sx POZ/C	213	Surf	0

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	4616							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) San Andres	3958	4094	3958 - 4026	.40	68	Producing
B)			4048 - 4094	.40	46	Producing
C)						
D)						

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

Depth Interval	Amount and Type of Material
3958 - 4094	Acidized w/7500 gals 15% NEFE acid.

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
02/06/2007	02/08/2007	24	→	8	658	1103	36.2	.7139	Pmpg

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

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.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

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

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PETROLEUM ENGINEER

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
Penrose Skelly	3447	3629	Gas, Oil, & Water	Yates	2660
Grayburg	3629	3851	Gas, Oil & Water	7 Rivers	2856
San Andres	3851	4280	Gas, Oil & Water	Queen	3293
				Penrose Skelly	3447
				Grayburg	3629
				San Andres	3851

32. Additional remarks (include plugging procedure):

Additional attachments are a C-104 and inclination survey.

33. Indicate which itmes 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 Date 02/21/2007

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.