

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 ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
 b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
 Other _____

2. Name of Operator **Range Operating New Mexico, Inc.**3. Address **777 Main Street Suite 800
Fort Worth Texas 76102**3a. Phone No. (include area code)
(817) 870-2601

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

At surface **990' FSL & 330' FEL**

At top prod. interval reported below

At total depth **990' FSL & 330' FEL**14. Date Spudded
08/04/200615. Date T.D. Reached
08/16/200616. Date Completed **08/30/2006**
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
3438 GR18. Total Depth: MD **6975**
TVD19. Plug Back T.D.: MD **6480**
TVD20. Depth Bridge Plug Set: MD **6480**
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Dual Laterolog, Dual Spaced Neutron, Borehole Volume Calc.22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ 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	8.625J55	24	0	1068		320 sx POZ/C	111	0	0
						290 sx C	68		
7.875	5.5/J55	17	0	6975		800 sx POZ/C	341	868	
						400 sx POZ/C	98		

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	6193							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Tubb	6298	6385	6497 - 6685	.40	36	Producing
B)			6382 - 6382	.40	9	Producing
C)			6303 - 6305	.40	9	Producing
D)			6298 - 6300	.40	9	Producing

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

Depth Interval	Amount and Type of Material
6298 - 6382	Frac w/70,000 gals YF130ST (30# x-linked gel), 76,060#s 16/30 Ottawa sand & 32,160#s 16/30 resin coated sand

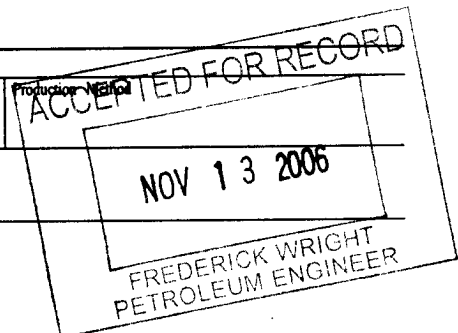
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/30/2006	09/03/2006	24	→	10	162	287	38.0	.8155	Pmpg, 1 1/4" x 12' Gas & 2 1/2" x 1 3/4" x 25' pmp
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64	SI 200	90	→						

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	
			→						

*(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	

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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.)

Sold

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
Tubb	6277	6385	Gas, Oil & Water	Yates 7 Rivers Queen Grayburg San Andres Glorieta Paddock Blaine Tubb	2673 2871 3314 3650 3880 5101 5247 5485 6185

32. Additional remarks (include plugging procedure):

Also attached is a copy of the inclination survey & the OCD C-104.

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

Date 09/25/2006

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.