OCD-HOBBS

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No.

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name: N/A

7. Unit or CA Agreement Name and No.: N/A

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

8. Lease Name and Well No.: **Tarantula 3 Federal 2 (35081)**

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

3a. Phone No. *(include area code)*: **(817870-2601**

9. API Well No.: **30-025-37516**

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

At surface: **1980' FNL & 550' FEL**

At top prod. interval reported below: **1980' FNL & 550' FEL**

At total depth: **1980' FNL & 550' FEL**

10. Field and Pool, or Exploratory: **Justis Tubb-Drinkard (35280)**

11. Sec., T., R., M., on Block and Survey or Area: **Sec 3, T25S, R37E**

12. County or Parish: **Lea** 13. State: **NM**

14. Date Spudded: **06/21/2006**

15. Date T.D. Reached: **07/02/2006**

16. Date Completed: ☐ D & A ☑ Ready to Prod. **07/20/2006**

17. Elevations (DF, RKB, RT, GL)*: **3170**

18. Total Depth: MD **6578'** TVD

19. Plug Back T.D.: MD **6532'** TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Spectral Density / DS Neurton / Dual Later / Microguard

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 1/4	8 5/8J-55	24#		1105		610		Surface	
7 7/8	5 1/5J-55	15.5		6578		1300		Surface	

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	6306							

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) **Drinkard**	6428'	6430'				
B)	6446'	6449'				
C)						
D)						

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

Depth Interval	Amount and Type of Material
6428'-6449	49,551 gals YF 130ST (30# x-link gel) w/49,540#'s 16/30 Ottawa & 26,295 16/30 Resin 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
07/20/2006	07/31/2006	24	→	14	10	220	37.2		Pumping

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
64/64	SI 200	40	→	14	10	220	714	Producing

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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AUG 2 8 2006
CARLSBAD, NEW MEXICO

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
									Pumping
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.)*

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
Blinebry	**5291**	**5954**	**Dol & Anhy Dol; Gas, Oil & Water**	**Evap**	**968**
Tubb	**5954**	**6102**	**Dol & LS; Gas, Oil & Water**	**Glorieta**	**4919**
Drinkard	**6102**	**6467**	**Dol & LS; Gas, Oil & Water**	**Paddock**	**5049**
				Blinebry	**5291**
				Tubb	**5954**
				Drinkard	**6102**
				Abo	**6467**

32. Additional remarks (include plugging procedure):

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)* **Linda C. Stiles** Title **Sr. Engineering Tech**

Signature Linda C. Stiles Date **07/17/2005**

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.