Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

MAY 2006
Received
Hobbs
OCD

Form C-105
Revised June 10, 2003

WELL API NO. 30-025-~~36713~~ 37613

5. Indicate Type of Lease STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Lease Name or Unit Agreement Name: New Mexico M State

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

8. Well No.: 52

3. Address of Operator: 777 Main St., Ste. 800, Fort Worth, TX 76102

9. Pool name or Wildcat: Drinkard ~~Oil & Gas~~

4. Well Location

Unit Letter J : 1420 Feet From The South Line and 2310 Feet From The East Line

Section 18 Township 22S Range 37E NMPM Lea County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF& RKB, RT, GR, etc.)	14. Elev. Casinghead
3-07-06	3-28-06	4-12-06	3414	3428

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
6823	6779	No		0 - 6823	

19. Producing Interval(s), of this completion - Top, Bottom, Name: 6470 – 6578; Drinkard

20. Was Directional Survey Made: No

21. Type Electric and Other Logs Run: Dual Spaced Neutron, Dual Laterolog

22. Was Well Cored: No

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8.625	24	1105	12.25	320 sx POZ/C	0
				136 sx C	
5.5	17	6821	7.875	790 sx POZ/C	0

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	6409	
SN @ 6410	6254	

26. Perforation record (interval, size, and number)
6564 – 6568, .40, 3 spf
6470 – 6474, .40, 3 spf
Total 24 shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6470 - 6568	Acidize w/1500 gals 15% NEFE. Frac w/70,000 gals YF130ST (30# x-link gel), 77,260#s 16/30 Ottawa sd & 40,041#s 16/30 resin coated sd.

28 **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
4-16-06	Pumping; 1 ½" x 12' GA 2 ½" x 1 ¾" x 20 SP	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil – Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4-17-06	24	7/64		310	600	150	1935

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
300	460					36.4

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

Test Witnessed By: Chris Garcia

30. List Attachments: Inclination survey, C-104, logs

31. *I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief*

Signature [signature] Printed Name Paula Hale Title Sr. Reg. Sp. Date 5-22-06

E-mail Address phale@rangeresources.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 1120	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 2653	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 2854	T. Devonian	T. Menefee	T. Madison
T. Queen 3277	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 3635	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3899	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 5078	T. McKee	Base Greenhorn	T. Granite
T. Paddock 5211	T. Ellenburger	T. Dakota	T
T. Blinebry 5477	T. Gr. Wash	T. Morrison	T.
T.Tubb 6137	T. Delaware Sand	T.Todilto	T
T. Drinkard 6300	T. Bone Springs	T. Entrada	T.
T. Abo 6692	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from...6463.....to...6593..... No. 3, from.....to.....

No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
0	1120	1120	Alluvium & Red Beds				
1120	2653	1533	Anhydrite & Salt				
2653	2854	201	Siltstone, Shale, & Anhydrite				
2854	3445	591	Anhydrite & Anhydritic Dolomite				
3445	3635	190	Sandstone, Siltstone, Anhy. Dolomite				
3635	5078	1443	Dolomite				
5078	5211	133	Shale & Dolomite				
5211	6137	926	Dolomite & Anhydritic Dolomite				
6137	6300	163	Shale, Dolomite, & Anhy. Dolomite				
6300	6692	392	Dolomite				
6692	6821	129	Limestone & Shale