

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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	Form C-105 Revised June 10, 2003 WELL API NO. 30-025-37400 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 ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER ☐		7. Lease Name or Unit Agreement Name Cole State
2. Name of Operator Range Operating New Mexico, Inc.		8. Well No. 019
3. Address of Operator 777 Main St., Ste. 800, Fort Worth, TX 76102		9. Pool name or Wildcat Eunice; San Andres, Southwest
4. Well Location Unit Letter <u>G</u> : <u>1650</u> Feet From The <u>north</u> Line and <u>1800</u> Feet From The <u>east</u> Line Section <u>16</u> Township <u>22S</u> Range <u>37E</u> NMPM <u>Lea</u> County		
10. Date Spudded 10-24-05	11. Date T.D. Reached 10-31-05	12. Date Compl. (Ready to Prod.) 11-19-05
13. Elevations (DF& RKB, RT, GR, etc.) 3411		14. Elev. Casinghead 3421
15. Total Depth 4200	16. Plug Back T.D. 4148	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By Rotary Tools 0 - 4200'		Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 4002 - 4120'; Eunice; San Andres, Southwest		20. Was Directional Survey Made No
21. Type Electric and Other Logs Run Dual Laterolog, Compensated Neutron		22. Was Well Cored No
23. CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
8.625	24	1091
5.5	15.5	4194
24. LINER RECORD		
SIZE	TOP	BOTTOM
25. TUBING RECORD		
SIZE	DEPTH SET	PACKER SET
2 7/8	4123	
SN @ 4124	TAC @ 3874	
26. Perforation record (interval, size, and number) 4078 - 4120 - 42 shots 4002 - 4070 - 62 shots Total 104 shots		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 4002 - 4120 Acidized w/7200 gals 12% NEFE		
28. PRODUCTION		
Date First Production 11-19-05	Production Method (Flowing, gas lift, pumping - Size and type pump) Pmpg - 2 1/2" x 1 3/4" x 20' RHBC BHD HVR pmp	Well Status (Prod. or Shut-in) Producing
Date of Test 11/21/05	Hours Tested 24	Choke Size
Flow Tubing Press. 350	Casing Pressure 50	Calculated 24-Hour Rate
Oil - Bbl 1.3	Gas - MCF 55	Water - Bbl. 185
Gas - Oil Ratio 42,308		
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold		Test Witnessed By Chris Garcia
30. List Attachments C-104, Inclination survey, Dual Laterolog, Compensated Neutron log		
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	Printed Name Paula Hale	Title Sr. Reg. Sp.
E-mail Address Paula Hale		Date 12/16/05

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 1140	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 2626	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 2819	T. Devonian	T. Menefee	T. Madison
T. Queen 3283	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 3601	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3822	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	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...3826.....to...4120.....

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	1140	1140	Alluvium & Red Beds				
1140	2626	1486	Anhydrite & Salt				
2626	2819	193	Siltstone, Dolomite, & Shale				
2819	3445	626	Anhydritic Dolomite				
3445	3822	377	Sandstone, Siltstone, & Dolomite				
3822	4200	378	Dolomite				

