

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	Form C-105 Revised June 10, 2003 WELL API NO. 30-015-355172 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No.
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG				
1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER <u>Injection</u> b. Type of Completion: NEW ☐ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER ☒ Injection	7. Lease Name or Unit Agreement Name South Culebra Bluff 23			
2. Name of Operator Range Operating New Mexico, Inc.	8. Well No. 019			
3. Address of Operator 100 Throckmorton Street Suite 1200 Fort Worth TX 76102	9. Pool name or Wildcat Loving, Brushy Canyon, East 40350			
4. Well Location Unit Letter <u>F</u> <u>1950</u> Feet From The <u>North</u> <u>OCD</u> Line and <u>2470</u> Feet From The <u>West</u> Line Section <u>23</u> Township <u>23S</u> Range <u>28E</u> NMPM County <u>Eddy</u>				
10. Date Spudded 04-21-07	11. Date T.D. Reached 06-07-07	12. Date Compl. (Ready to Prod.) 08-03-07	13. Elevations (DF& RKB, RT, GR, etc.) GR 3020'	14. Elev. Casinghead 3020'
15. Total Depth 6400'	16. Plug Back T.D. 6307'	17. If Multiple Compl. How Many Zones? _____	18. Intervals Drilled By Rotary Tools X Cable Tools	19. Producing Interval(s), of this completion - Top, Bottom, Name Lower Brushy Canyon
21. Type Electric and Other Logs Run Compensated Z - Densilog Compensated Neutron GR Log / DLL GR Log (Orig. Hole) CBL - GR - CCL (Cased Hole)			20. Was Directional Survey Made Vertical Well 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 5/8"	24	342	12 1/4"	250	0
5 1/2"	15.5	6396	7 7/8"	905	0

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	6108	6101
					SN @	6100	

26. Perforation record (interval, size, and number) 6160' - 6177' 6183' - 6202' 6224' - 6236'	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 6160'-6236' Acidize w/2400 gals 15% NEFE HCL
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28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
30. List Attachments							
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 <u>Bill Frey for LCS</u> E-mail Address <u>lstiles@rangeresources.com</u> Printed Name <u>Linda C. Stiles</u> Title <u>Sr. Engineering Tech</u> Date <u>08-29-2007</u>							

INSTRUCTIONS

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

OIL OR GAS SANDS OR ZONES

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

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

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

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

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

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
150	2602	2452	Salt & Anhydrite				
2602	6242	3640	SS, SLTST, & SH				
6242	6290	48	LS & SH				

OPERATOR
WELL/LEASE
COUNTY

RANGE PRODUCTION CO.
SCB 23-19
EDDY

141-0080

STATE OF NEW MEXICO
DEVIATION REPORT

164	0.75
319	0.75
565	0.25
781	1.75
961	2.75
1,065	2.00
1,158	2.25
1,251	2.50
1,401	2.00
1,529	1.75
1,782	1.00
2,036	4.50
2,130	4.25
2,225	4.50
2,321	5.00
2,416	4.75
2,576	3.75
2,763	2.75
2,954	3.00
3,144	2.50
3,335	2.00
3,525	2.00

AUG 30 2007

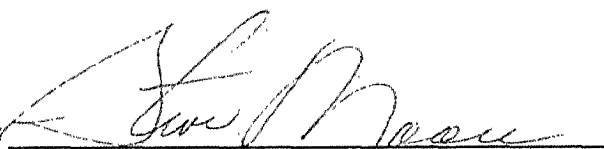
OCD-ARIL

AUG 30 2007

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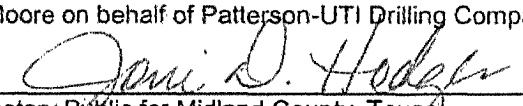
STATE OF TEXAS

COUNTY OF MIDLAND

BY: 

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LLC.

July 3, 2007, by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

