Mbmit To'Appropriate District Office State of New Mexico Form C-105 Two Copies July 17, 2008 District I Energy, Minerals and Natural Resources 1625 N. French Dr., Hobbs, NM 88240 1. WELL API NO. District II 30-015-42570 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division 2. Type of Lease District III 1000 Rio Brazos Rd., Aztec, NM 87410 1220 South St. Francis Dr. STATE ☐ FEE ☐ FED/INDIAN District IV Santa Fe, NM 87505 3. State Oil & Gas Lease No. 1220 S. St. Francis Dr., Santa Fe, NM 87505 WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Name or Unit Agreement Name HORSESHOE STATE ☑ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) 6. Well Number: #4 NM OIL CONSERVATION ARTESIA DISTRICT C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) JAN 05 2015 Type of Completion: ☑ NEW WELL: ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER 9. OGRID: 281994 8. Name of Operator: LRE OPERATING, LLC RECEIVED 11. Pool name or Wildcat: 10. Address of Operator: c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401 Red Lake, Glorieta Yeso NE (96836) Unit Ltr Section Township Feet from the N/S Line E/W Line 12.Location Range Feet from the County Surface: 30 17-S 28-E 2260 North 2215 West Eddy BH: 30 28-E West 2314 North 2375 Eddy 13. Date Spudded 14. Date T.D. Reached 15. Date Drilling Rig Released 16. Date Completed (Ready to Produce 17. Elevations (DF and RKB, 12/15/14 12/7/14 12/16/14 12/24/14 RT, GR, etc.: 3577' GR 18. Total Measured Depth of Well 19. Plug Back Measured Depth 20. Was Directional Survey Made? 21. Type Electric and Other Logs Run 5118 5040 Casing Hole Neutron 22. Producing Interval(s), of this completion - Top, Bottom, Name 3350'-3666'- Yeso, 3782'-4110'-Yeso, 4206'-4510'-Yeso, 4700'-4996'-Yeso 23. CASING RECORD (Report all strings set in well) CEMENTING RECORD **CASING SIZE** WEIGHT LB./FT. DEPTH SET HOLE SIZE AMOUNT PULLED 8-5/8" 24# J-55 463 250 sx Cl C 0 5-1/2" 17# J-55 5112 7-7/8 300 sx 35/65 Poz/C  $0^{\circ}$ +650 sx C 24. LINER RECORD TUBING RECORD 25 TOP SIZE BOTTOM SACKS CEMENT DEPTH SET SCREEN SIZE PACKER SET 2-7/8" 3165 Perforation record (interval, size, and number) 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC Yeso: 3350'-3666', 32-0.41" holes AMOUNT AND KIND MATERIAL USED **DEPTH INTERVAL** Yeso: 3782'-4110', 31-0.41" holes 1509 gals 7.5% HCL; fraced w/30,709# 100 mesh & 3350'-3666' 225,993# 40/70 Arizona sand in slick water. Yeso: 4206'-4510', 30-0.41" holes 1536 gals 7.5% HCL; fraced w/31,159# 100 mesh & 3782'-4110' Yeso: 4700'-4996', 31-0.41" holes 223,403 40/70 Arizona sand in slick water. 1530 gals 7.5% HCL; fraced w/30,128# 100 mesh & 4206'-4510' 230,374# 40/70 Wisconsin sand in slick water. PRODUCTION 4700'-4996' 1504 gals 7.5% HCL; fraced w/30.315# 100 mesh & 253,663# 40/70 Wisconsin sand in slick water. Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) READY Pumping **Pumping** Date of Test Hours Tested Choke Size Prod'n For Oil - Bbl Gas - MCF Water - Bbl. Gas - Oil Ratio Within 30 days Test Period: Flow Tubing Calculated 24-Oil - Bbl. Casing Pressure Gas - MCF Water - Bbl. Oil Gravity - API - (Corr.) Hour Rate Press 29. Disposition of Gas (Sold, used for fuel, vented, etc.) To Be Sold 30. Test Witnessed By: Jerry Smith 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. 33. If an on-site burial was used at the well, report the exact location of the on-site burial Latitude NAD 1927 1983 Longitude I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed Signature Name Mike Pippin Title: Petroleum Engineer Date: 12/24/14 E-mail Address: mike@pippinllc.com

## INSTRUCTIONS

## HORSESHOE STATE #4 -- New Well

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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico		
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"	
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"	
D. Salt	T. Atoka	T. Fruitland	T. Penn. "C"	
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D" T. Leadville T. Madison	
T. 7 Rivers 465'	T. Devonian_	T. Cliff House		
T. Queen 1039'	T. Silurian_	T. Menefee		
T. Grayfning <u>1476°</u>	T. Mimiliya	T. Point Lookout	T. Elizeri	
San Andres 1789'	T. Simpson	T. Mancos	T. McCracken	
T. Glorieta 3172'	T. McKee	T. Gallup	T. Ignacio Otzte	
T. Yeso 3306'	T. Ellenburger	Base Greenhorn	T.Granite	
T. Blimebry	T. Gr. Wash	T. Dakota		
T.Tubb <u>4665'</u>	T. Delaware Sand	T. Morrison		
T. Drinkard	T. Bone Springs	T.Todilto		
T. Abo	T.	T. Entrada		
T. Wolfcamp	T.	T. Wingate		
T. Penn	T.	T. Chinle		
T. Cisco (Bough C)	T.	T. Permian		

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No. 1, from	toto	. No. 3, from	to	
	to			
•		IT WATER SANDS		
Include data on rate of	f water inflow and elevation to which w	vater rose in hole.		
No. 1, from	to	feet		
	to			
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## LITHOLOGY RECORD (Attach additional sheet if necessary)

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From	То	Thickness In Feet	Lithology	Fron	n To	Thickness In Feet	Lithology
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