

OCD Artesia CONSERVATION  
NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 22 2015

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.  
NMLC046250B

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

2. Name of Operator: LRE OPERATING, LLC Contact: MIKE PIPPIN E-Mail: mike@pippinllc.com  
 3. Address: C/O MIKE PIPPIN 3104 N. SULLIVAN FARMINGTON, NM 87401 3a. Phone No. (include area code) Ph: 505-327-4573  
 4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface SWNW 1650FNL 330FWL  
 At top prod interval reported below SWNW 1650FNL 330FWL  
 At total depth SWNW 1650FNL 330FWL

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No. WILLIAMS B FEDERAL 9  
 9. API Well No. 30-015-39238  
 10. Field and Pool, or Exploratory RED LAKE, SAN ANDRES 97253 52  
 11. Sec., T., R., M., or Block and Survey or Area Sec 29 T17S R28E Mer  
 12. County or Parish EDDY 13. State NM  
 17. Elevations (DF, KB, RT, GL)\* 3602 GL

14. Date Spudded 08/22/2011 15. Date T.D. Reached 08/30/2011 16. Date Completed  D & A  Ready to Prod. 11/13/2014  
 18. Total Depth: MD 3674 TVD 19. Plug Back T.D.: MD 3613 TVD 20. Depth Bridge Plug Set: MD 3190 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) INDUCTION, NEUTRON/DENSITY  
 22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.0	0	434		350		0	0
7.875	5.500 J-55	15.5	0	3658		650		0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	3139							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
RED LAKE, SAN ANDRES 97253	1825	3200	2004 TO 2330	0.410	37	OPEN
ARTESIA) GLORIETA-YESO 96830	3200		2362 TO 2596	0.410	28	OPEN
C)			2702 TO 2906	0.410	25	OPEN
D)			2934 TO 3162	0.410	28	OPEN SEE #53

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

Depth Interval	Amount and Type of Material
2004 TO 2330	1500 GAL 7.5% HCL & FRACED W/62,000# BRADY & 18,000# RESIN COATED 16/30 SAND IN 20# X-LINKED GEL.
2362 TO 2596	1500 GAL 7.5% HCL & FRACED W/64,018# BRADY & 20,712# RESIN COATED 16/30 SAND IN 20# X-LINKED GEL.
2702 TO 2906	1500 GAL 7.5% HCL & FRACED W/62,245# BRADY & 18,839# RESIN COATED 16/30 SAND IN 20# X-LINKED GEL.
2934 TO 3162	1500 GAL 7.5% HCL & FRACED W/74,220# BRADY & 22,267# RESIN COAT 16/30 SAND IN 25# X-LINK GEL. SEE#53

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
11/17/2014	12/01/2014	24	→	20.0	30.0	180.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	20	30	180	1500	POW	

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
11/17/2014	11/12/2011	24	→	38.0	54.0	304.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	38	54	304	1421	POW	

ACCEPTED FOR RECORD  
 JAN 17 2015  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

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
			▶						
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
SAN ANDRES	1825	3200	OIL & GAS	SEVEN RIVERS	511
GLORIETA	3200	3316	OIL & GAS	QUEEN	1070
YESO	3316		OIL & GAS	GRAYBURG	1501
				SAN ANDRES	1825
				GLORIETA	3200
				YESO	3316

32. Additional remarks (include plugging procedure):  
RECOMPLETION TO SAN ANDRES:  
#43: 3210 3502 0.32" 41 Yeso Perfs Shut-in Below CBP @ 3190'  
#44: 3210 3502 3654 GAL 15% HCL & FRACED W/102,718# BRADY & 7,561# SIBER PROP 16/30  
SAND IN X-LINKED GEL.

State approved DHC with order DHC-4652.  
BLM DHC application was submitted on 5/24/14 & is pending.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #283750 Verified by the BLM Well Information System.  
For LRE OPERATING, LLC, sent to the Carlsbad**

Name (please print) MIKE PIPPIN Title PETROLEUM ENGINEER

Signature \_\_\_\_\_ (Electronic Submission) Date 12/02/2014

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.



**Additional data for transaction #283750 that would not fit on the form**

**32. Additional remarks, continued**

The CBP @ 3190' will be drilled out & the pools DHC following a test of the SA & the BLM DHC application approval.

Existing Yeso perms currently shut-in below CBP @ 3190': 3210'-3502'