

NM OIL CONSERVATION
ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 27 2015
OCD Artesia
RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 _____

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

2. Name of Operator **LRE OPERATING, LLC** Contact: **MIKE PIPPIN**
E-Mail: **mike@pippinllc.com**

8. Lease Name and Well No.
WILLIAMS B FEDERAL 12

3. Address **C/O MIKE PIPPIN 3104 N. SULLIVAN FARMINGTON, NM 87401** 3a. Phone No. (include area code)
Ph: **505-327-4573**

9. API Well No. **30-015-42117**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SWNE 2310FNL 2460FEL**
 At top prod interval reported below **SWNE 2275FNL 2262FEL**
 At total depth **SWNE 2277FNL 2264FEL**

10. Field and Pool, or Exploratory
RED LAKE, SAN ANDRES 97253

11. Sec., T., R., M., or Block and Survey or Area **Sec 29 T17S R28E Mer**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **03/22/2014** 15. Date T.D. Reached **03/26/2014** 16. Date Completed D & A Ready to Prod.
07/23/2015

17. Elevations (DF, KB, RT, GL)*
3664 GL

18. Total Depth: MD **3625** TVD **3611** 19. Plug Back T.D.: MD **3581** TVD **3566** 20. Depth Bridge Plug Set: MD **3340** TVD **3342**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CASED HOLE NEUTRON LOG

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	425		300		0	0
7.875	5.500 J-55	15.5	0	3609		685		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	3190							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
RED LAKE, SAN ANDRES 97253	1825	3200	2064 TO 2338	0.420	26	OPEN
ARTESIA) GLORIETA-YESO 96830	3200		2416 TO 2698	0.420	31	OPEN
C)			2754 TO 3116	0.420	34	OPEN
D)			3398 TO 3524	0.410	33	SI (ORIGINAL PERFS SI BELOW C

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

Depth Interval	Amount and Type of Material
2064 TO 2338	1500 GAL 7.5% HCL & FRACED W/31,140# 100 MESH & 182,87# 40/70 NORTHERN SAND IN SLICK WATER.
2416 TO 2698	1500 GAL 7.5% HCL & FRACED W/30,586# 100 MESH & 258,762# 40/70 NORTHERN SAND IN SLICK WATER.
2754 TO 3116	1500 GAL 7.5% HCL & FRACED W/29,624# 100 MESH & 317,622# 40/70 NORTHERN SAND IN SLICK WATER.
3398 TO 3524	2041 GAL 15% HCL & FRACED W/74,910# WISCONSIN & 23,316# 16/30 RESIN COATED SAND

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
07/29/2015	08/23/2015	24	→	75.0	60.0	700.0		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→	75	60	700	800	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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

ACCEPTED FOR RECORD

ELECTRIC PUMPING UNIT

OCT 19 2015

[Signature]

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #314122 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

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	1915	3306	OIL & GAS	SEVEN RIVERS	600
GLORIETA	3306	3412	OIL & GAS	QUEEN	1173
YESO	3412		OIL & GAS	GRAYBURG	1593
				SAN ANDRES	1915
				GLORIETA	3306
				YESO	3412

32. Additional remarks (include plugging procedure):
RECOMPLETION TO SAN ANDRES:

State approved DHC with order DHC-4744.
BLM DHC application was approved on 7/7/15 by Ed Fernandez.
The CBP @ 3340' will be drilled out & the pools DHC following a test of the SA.

Existing Yeso perms currently shut-in below CBP @ 3340': 3398'-3524'

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 #314122 Verified by the BLM Well Information System.
For LRE OPERATING, LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 09/11/2015 ()

Name (please print) MIKE PIPPIN

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 08/26/2015

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.

** ORIGINAL **