

NM OIL CONSERVATION

ARTESIA DISTRICT

OCD Artesia

Form 3160-4
(August 2007)

JUL 10 2015

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 Commingled

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 9

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.
30-015-39238

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

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
08/22/2011

15. Date T.D. Reached
08/30/2011

16. Date Completed
☐ D & A ☒ Ready to Prod.
04/15/2015

17. Elevations (DF, KB, RT, GL)*
3602 GL

18. Total Depth: MD 3674
TVD

19. Plug Back T.D.: MD 3613
TVD

20. Depth Bridge Plug Set: MD
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	3494							

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 3163	0.410	118	ALL 4 STAGES OF SAN ANDRES
ARTESIA GLORIETA-YESO 96830	3200		3210 TO 3502	0.320	41	SINGLE STAGE YESO OPEN & D
C)						
D)						

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

Depth Interval	Amount and Type of Material
2004 TO 3163	4 STAGES FOR TOTAL: 6000 GAL 7.5% HCL & FRACED W/342,301# 16/30 SAND IN X-LINK.
3210 TO 3502	3654 GAL 15% HCL & FRACED W/110,279# 16/30 SAND IN X-LINKED GEL.

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
04/16/2015	05/03/2015	24	→	21.0	35.0	164.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	21	35	164	1667	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
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

ACCEPTED FOR RECORD
JUN 3 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #300455 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	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):

THIS 3160-4 IS FOR THE DHC OF TWO POOLS.

State approved DHC with order DHC-4652.

BLM DHC application was approved on 12/15/14.

The CBP @ 3190' was drilled out & the well DHC on 4/15/15.

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 #300455 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 05/04/2015

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 ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **