

NM OIL CONSERVATION ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 22 2015

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other: <u>Recompletion</u>		7. Unit or CA Agreement Name and No.	
2. Name of Operator LRE OPERATING, LLC		8. Lease Name and Well No. WILLIAMS B FEDERAL 8	
Contact: MIKE PIPPIN E-Mail: mike@pippinllc.com		9. API Well No. 30-015-36915	
3. Address C/O MIKE PIPPIN 3104 N. SULLIVAN FARMINGTON, NM 87401		10. Field and Pool, or Exploratory RED LAKE, SAN ANDRES 97253	
3a. Phone No. (include area code) Ph: 505-327-4573		11. Sec., T., R., M., or Block and Survey or Area Sec 29 T17S R28E Mer	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNE 2310FNL 1650FEL At top prod interval reported below SWNE 2310FNL 1650FEL At total depth SWNE 2310FNL 1650FEL		12. County or Parish EDDY	
14. Date Spudded 02/17/2009		13. State NM	
15. Date T.D. Reached 02/25/2009		17. Elevations (DF, KB, RT, GL)* 3657 GL	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/26/2014			
18. Total Depth: MD TVD 3606	19. Plug Back T.D.: MD TVD 3448	20. Depth Bridge Plug Set: MD TVD 3350	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) INDUCTION, NEUTRON/DENSITY		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	440		375	89	0	0
7.875	5.500 J-55	15.5	0	3596		800	234	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	1811							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
RED LAKE, SAN ANDRES 97253	1175	3285	1956 TO 2237	0.410	31	OPEN
ARTESIA GLORIETA-YESO 96830	3285		2350 TO 2670	0.410	31	OPEN
C)			2854 TO 3166	0.410	30	OPEN
D)			3400 TO 3511		46	OPEN - YESO

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

Depth Interval	Amount and Type of Material
1956 TO 2237	1526 GAL 7.5% HCL & FRACED W/29,846# 100 MESH & 144,794# 40/70 WISCONSIN SAND IN SLICK WATER.
2350 TO 2670	1525 GAL 7.5% HCL & FRACED W/32,388# 100 MESH & 324,510# 40/70 WISCONSIN SAND IN SLICK WATER.
2854 TO 3166	3026 GAL 7.5% HCL & FRACED W/31,298# 100 MESH & 318,379# 40/70 WISCONSIN SAND IN SLICK WATER.
3400 TO 3511	3500 GAL 15% NEFE & FRACED W/18,000 GAL 20% HCL, 25,000 GAL 40# LINEAR GEL, 3500 GAL 15% HCL.

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
11/29/2014	12/10/2014	24	→	100.0	80.0	520.0			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	
				100	80	520	800	POW	

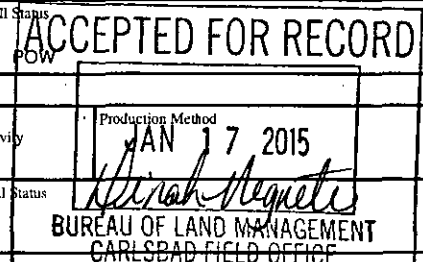
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

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

ELECTRONIC SUBMISSION #284818 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	1908	3285	OIL & GAS	SEVEN RIVERS	
GLORIETA	3285	3395	OIL & GAS	QUEEN	1175
YESO	3395		OIL & GAS	GRAYBURG	1550
				SAN ANDRES	1908
				GLORIETA	3285
				YESO	3395

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

State approved DHC with order DHC-4676.
BLM DHC application was approved on 12/11/14.
The CBP @ 3350' will be drilled out & the pools DHC following a test of the SA.

Existing Yeso perms currently shut-in below CBP @ 3350': 3400'-3511'

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 #284818 Verified by the BLM Well Information System.
For LRE OPERATING, LLC, sent to the Carlsbad

Name(please print) MIKE PIPPINTitle PETROLEUM ENGINEER

Signature _____ (Electronic Submission)

Date 12/11/2014

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.

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