

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JAN 06 2015

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.		7. Unit or CA Agreement Name and No.	
2. Name of Operator LRE OPERATING, LLC		8. Lease Name and Well No. WILLIAMS A FEDERAL 5	
3. Address C/O MIKE PIPPIN 3104 N. SULLIVAN FARMINGTON, NM 87401		9. API Well No. 30-015-33232	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 690FSL 530FWL At top prod interval reported below SWSW 690FSL 530FWL At total depth SWSW 690FSL 530FWL		10. Field and Pool, or Exploratory RED LAKE, QN-GBG-SA 51300	
14. Date Spudded 03/01/2004		11. Sec., T., R., M., or Block and Survey or Area Sec 29 T17S R28E Mer	
15. Date T.D. Reached 03/09/2004		12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/06/2014		13. State NM	
17. Elevations (DF, KB, RT, GL)* 3640 GL			
18. Total Depth: MD 3570 TVD		20. Depth Bridge Plug Set: MD 3250 TVD	
19. Plug Back T.D.: MD 3506 TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR-CCL		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	463		375		0	0
7.750	5.500 J-55	15.5	0	3560		875		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	3239							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
RED LAKE, QN-GY-SA 51300	1110	3238	1786 TO 2034	0.410	32	OPEN
B)			2100 TO 2300	0.410	24	OPEN
C)			2326 TO 2620	0.410	34	OPEN
D)			2650 TO 2940	0.410	30	OPEN SEE #51

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

Depth Interval	Amount and Type of Material
1786 TO 2034	2079 GAL 15% HCL & FRACED W/63,133# BRADY & 20,177# SUPER LC 16/30 SAND IN 25# X-LINKED GEL.
2100 TO 2300	2966 GAL 15% HCL & FRACED W/47,981# BRADY & 17,297# SUPER LC 16/30 SAND IN 25# X-LINKED GEL.
2326 TO 2620	2966 GAL 15% HCL & FRACED W/76,175# BRADY & 22,521# SUPER LC 16/30 SAND IN 25# X-LINKED GEL.
2650 TO 2940	3040 GAL 15% HCL & FRACED W/73,773# BRADY & 20,961# SUPER LC 16/30 SAND IN 25# X-LINKED GEL. SEE #51

28. Production - Interval A

Date First Produced 10/03/2014	Test Date 10/06/2014	Hours Tested 24	Test Production →	Oil BBL 78.0	Gas MCF 210.0	Water BBL 226.0	Oil Gravity Corr. API	Gas Gravity
Choke Size	Tbg. Press. Plwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status POW

ACCEPTED FOR RECORD

ELECTRIC PUMPING UNIT

DEC 22 2014

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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. Plwg. 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 #269604 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

RECLAIMATION ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

DUE

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
GRAYBURG	1530	1843	OIL & GAS	SEVEN RIVERS	888
SAN ANDRES	1834	3238	OIL & GAS	QUEEN	1110
GLORIETA	3238	3390	OIL & GAS	GRAYBURG	1530
YESO	3390		OIL & GAS	SAN ANDRES	1843
				GLORIETA	3238
				YESO	3390

32. Additional remarks (include plugging procedure):

RECOMPLETION TO SAN ANDRES:

#43: 2970 3200 0.41 OPEN

#44: 2970 3200 2064 GAL 15% HCL & FRACED W/162,922# BRADY & 68,129# SUPER LC 16/30

SAND IN 25# X-LINKED GEL.

State approved DHC with order DHC-4670.
BLM DHC application 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 #269604 Verified by the BLM Well Information System.
For LRE OPERATING, LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 12/22/2014 ()

Name (please print) MIKE PIPPIN

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 10/09/2014

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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Additional data for transaction #269604 that would not fit on the form

32. Additional remarks, continued

The CBP @ 3250' will be drilled out & the pools DHC following a test of the SA & the BLM DHC application approval.

Existing Yeso perms currently below CBP @ 3250': 3326'-3490'