

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

NMNM 048344

1a. Type of Well ☒ Oil Well ☐ Gas ☐ Dry ☐ Other
b. Type of Completion: ☐ New ☒ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.
Other: Recomplete to San Andres

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

LRE OPERATING, LLC c/o Mike Pippin LLC (Agent)

8. Lease Name and Well No.

WILLIAMS A FEDERAL #8

3. Address

3104. N. Sullivan, Farmington, NM 87401

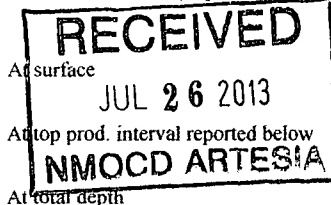
3a. Phone No. (include area code)

505-327-4573

9. API Well No.

30-015-36513 S2

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*



1090' FSL & 1550' FWL Unit (N) Sec. 29, T17S, R28E

10. Field and Pool, or Exploratory
Red Lake, Qn-Grayburg-San Andres (51300)
Artesia: Glorieta-Yeso (96830)

11. Sec., T., R., M., or Block and
Survey or Area N 29 17S 28E

12. County or Parish
Eddy

13. State
NM

14. Date Spudded

01/08/09

15. Date T.D. Reached

01/17/09

16. Date Completed

☐ P & A ☒ Ready to Prod.
WO: 6/25/13

17. Elevations (DF, RKB, RT, GL)*

3679' GL

18. Total Depth: MD 3603'
TVD

19. Plug Back T.D.: MD CBP @ 3150'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Induction & Density Neutron

22. Was well cored? ☒ No ☐ Yes (Submit copy)
Was DST run? ☒ No ☐ Yes (Submit copy)
Directional Survey? ☐ No ☒ Yes (Submit copy)

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
	14"		0'	40'		200, C	42	Surface	0'
12-1/4"	8-5/8"	24#	0'	420'		375, C	89	Surface	0'
7-7/8"	5-1/2"	17#	0'	3603'		800, C	223	Surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2-7/8"	3147'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) San Andres	1871'	3271'	2000'-2200'	0.41"	24	Open
			2300'-2600'	0.41"	34	Open
			2700'-3030'	0.41"	40	Open
A) Yeso	3364'	NA	Existing Yeso Perfs @ 3371'-3510'		54	SI Below CBP @ 3150'

26. Perforation Record

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

Depth Interval	Amount and type of Material
2000'-2200'	2000 gal 15% HCL acid, & fraced w/78,972# BW & 22,616# resin coated 16/30 sand in 20# X-liked gel.
2300'-2600'	3000 gal 15% HCL acid, & fraced w/60,577# BW & 20,450# resin coated 16/30 sand in 20# X-liked gel.
2700'-3030'	2531 gal 15% HCL acid, & fraced w/72,588# BW & 23,104# resin coated 16/30 sand in 20# X-liked 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
06/28/13	07/12/13	24	→	75	160	180			Pumping
Choke Size	Tbg. Press. Flwg. PSI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→	75	160	180			Pumping

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)

ACCEPTED FOR RECORD
Pumping
JUL 21 2013
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.)

To Be 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	1871'	3271'	Oil & Gas		Depth
Yeso	3364'	NA	Oil & Gas	Queen Grayburg San Andres Glorieta Yeso	1147' 1562' 1871' 3271' 3364'

32. Additional remarks (include plugging procedure):

Williams A Federal #8 -- Recompleted to San Andres

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 | 5. Core Analysis | 7. Other: | |

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

Name (please print) Mike Pippin 505-327-4573 Title Petroleum Engineer (Agent)Signature  Date July 15, 2013

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 U. States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.