

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

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

2. Name of Operator

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

3. Address

3104. N. Sullivan, Farmington, NM 87401

3a. Phone No. (include area code)

505-327-4573

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

At surface

2140' ENL & 990' FWL Unit (E) Sec. 29, T17S, R28E

At top prod. interval reported below

At total depth

14. Date Spudded

12/06/06

15. Date TD Reached

12/15/06

16. Date Completed

☐ P & A ☒ Ready to Prod.  
WO: 7/19/13

5. Lease Serial No.  
**NMNM 048344**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

**WILLIAMS B FEDERAL #4**

9. API Well No.

30-015-35141

10. Field and Pool, or Exploratory

Artesia, Glorieta-Yeso (96830) *C1*  
Red Lake, San Andres (97253) *C2*

11. Sec., T., R., M., or Block and

Survey or Area **E 29 17S 28E**

12. County or Parish

Eddy

13. State

NM

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

3620' GL

18. Total Depth: MD 3578'  
TVD

19. Plug Back T.D.: MD 3535'  
TVD

20. Depth Bridge Plug Set: MD 3300'  
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
12-1/4"	8-5/8"	28#	0'	456'		400 C		Surface	0'
7-7/8"	5-1/2"	17#	0'	3567'		300 35/65 C +		Surface	0'
						425 C			

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"	3290'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) San Andres	1825'	3210'	2050'-2300'	0.41"	25	Open
			2384'-2700'	0.41"	32	Open
			Existing SA Perfs: 2777'-2984		43	Open

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

Existing Yeso Perfs: 3346'-3432' Shut-in below CBP @ 3300'

Depth Interval	Amount and type of Material
2050'-2300'	3000 gal 15% HCL acid & fraced w/64,290# BW & 17,884# resin coated 16/30 sand in 20# X-linked gel
2384'-2700'	3200 gal 15% HCL acid & fraced w/78,741# BW & 19,598# resin coated 16/30 sand in 20# X-linked gel

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water	Oil Gravity Corr.	Gas Gravity	Production Method
07/26/13	08/26/13	24	→	23	195	66			Pumping
Choke Size	Tbg. Press. Flwg. PSI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water	Gas : Oil Ratio	Well Status	
			→	23	195	66			

28a. Production - Interval B

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

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

ACCEPTED FOR RECORD  
Pumping San Andres Only

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.	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.	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.)

Plan to Sell

## 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'	3210'	Oil & Gas	Queen	Depth 1092'
Yeso	3318'	NA	Oil & Gas	Grayburg	1550'
				San Andres	1825'
				Glorieta	3210'
				Yeso	3318'

## 32. Additional remarks (include plugging procedure):

WILLIAMS B FEDERAL #4 -- Payadd Workover in 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 *Mike Pippin* Date August 27, 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.