

Form 3160-4
(August 1999)
RECEIVED
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NMOC-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD-ARTESIA
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires November 30, 2000
5. Lease Serial No.
NMLC-046250-B

1a. Type of Well ☒ Oil Well ☐ Gas ☐ Dry ☐ Other
b. Type of Completion ☐ New ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

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 B FEDERAL #1

3. Address
3104. N. Sullivan, Farmington, NM 87401

9. API Well No.
30-015-35627

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*
At surface **1650' FNL & 990' FWL Unit (E) Sec. 29, T17S, R28E**
At top prod. interval reported below
At total depth

10. Field and Pool, or Exploratory
Artesia, Glorieta-Yeso (96830)
11. Sec., T., R., M., or Block and
Survey or Area **E 29 17 28**
12. Country or Parish
Eddy 13. State
NM

14. Date Spudded **06/21/07** 15. Date T.D. Reached **06/29/07** 16. Date Completed
☐ P & A ☒ Ready to Prod
WO: 12/28/11

17. Elevations (DF, RKB, RT, GL)*
3607' GL

18. Total Depth: MD **3575'** TVD
19. Plug Back T.D.: MD **3530'** TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
LDT-CNL-GR & DLL

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24# K-55	0'	457'		375 sx C		Surface (Circ)	0'
7-7/8"	5-1/2"	15.5# K-55	0'	3564'		850 sx C		Surface (Circ)	0'

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"	3197'							

25. Producing Intervals

Formation	Top	Bottom
A) Glorieta	3220'	3334'
Yeso	3334'	

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
3233'-3503'	0.40"	26	Open
Existing perfs @ 3356'-3446' (27)			Open

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

Depth Interval	Amount and type of Material
3233'-3503'	2500 gal 7.5% HCL acid & fraced w/116,371# 16/30 Brady & 14,055# 16/30 Siber prop sand in

Accepted for record

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
	In 30 days	→						
Choke Size	Tbg Press Flwg PSI	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
			→					

Production Method
Pumping
ACCEPTED FOR RECORD
JAN 7 2012
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 Flwg SI	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
			→					

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.)

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
Glorieta	3220'	3334'	Oil & Gas		Depth
Yeso	3334'		Oil & Gas		
				Yates	628'
				Seven Rivers	740'
				Queen	1044'
				Grayburg	1432'
				San Andres	1834'
				Glorieta	3220'
				Yeso	3334'

32 Additional remarks (include plugging procedure):

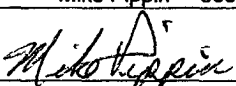
WILLIAMS B FEDERAL #1

Same Zone Payadd Workover

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 December 29, 2011

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.