

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED

OMB NO. 1004-0137

Expires: November 30, 2000

OCD-ARTESIA

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:

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

2. Name of Operator

LIME ROCK RESOURCES A, L.P. c/o Mike Pippin LLC (Agent)

8. Lease Name and Well No

PURE FEDERAL #4

3. Address

3104. N. Sullivan, Farmington, NM 87401

3a. Phone No. (include area code)

505-327-4573

9. API Well No.

30-015-36097

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

At surface

990' FNL &amp; 2310' FEL Unit (B) Sec. 21, T17S, R28E

10. Field and Pool, or Exploratory

Red Lake, Q-G-SA 51300

At top prod interval reported below

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

Survey or Area B 21 17S 28E

At total depth

OCD-ARTESIA

12. County or Parish

Eddy

13. State

NM

14. Date Spudded

04/30/08

15. Date T.D. Reached

05/08/08

16. Date Completed

☐ P & A☒ Ready to Prod.

W/O - 8/15/08

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

3609 GL

18. Total Depth: MD 3590'  
TVD19. Plug Back T.D.: MD 3541'  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

Induction &amp; 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"	24#	0'	417'		375, C		Surface	0'
7-7/8"	5-1/2"	15.5 & 17#	0'	3584'		775, C		Surface	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"	2514'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Red Lake, Q-G-SA	1250'	3380'	1968'-72', 1990'-92', 2053'-57' w/2 spf		24	Open
			2172'-2435' Existing Perfs		28	Open

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

Depth Interval	Amount and type of Material
1968'-2057'	4500 gal 15% NEFE acid. Fraced w/85,000# sand in 25# X-linked 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
08/16/08	08/29/08	24	→	10	18	58			Flowing
Choke Size	Tbg. Press Flwg. PSI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→	10	18	58			

ACCEPTED FOR RECORD  
Producing

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	
			→						

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BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

Accepted for record - NMOCD

## 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
Red Lake, Q-G-SA	1250'	3380'	Oil & Gas	Yates Seven Rivers Queen Grayburg San Andres Glorieta Yeso	Depth 490' 685' 1250' 1701' 2009' 3380' 3482'

## 32 Additional remarks (include plugging procedure):

PURE FEDERAL #4

## 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 505-327-4573Title Petroleum Engineer (Agent)Signature Date October 29, 2008

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.