

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 25 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NMOCD ARTESIA

5. Lease Serial No.

LC-057798

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

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

8. Lease Name and Well No.

LOGAN 35 FEDERAL #5

3. Address

3104. N. Sullivan, Farmington, NM 87401

3a. Phone No. (include area code)

505-327-4573

9. API Well No.

30-015-30475

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

At surface

2210' FSL & 1950' FWL Unit (K) Sec. 35, T17S, R27E

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory
Red Lake, Qn-Grayburg-San Andres (51300)
Red Lake: Glorieta-Yeso NE (96836)

11. Sec., T., R., M., or Block and
Survey of Area K 35 17 27

12. County or Parish
Eddy

13. State
NM

14. Date Spudded

12/27/00

15. Date T.D. Reached

01/03/01

16. Date Completed

☐ P & A ☒ Ready to Prod.
WO: 6/12/13

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

3622' GL

18. Total Depth: MD 3800'
TVD

19. Plug Back T.D.: MD 3743'
TVD

20. Depth Bridge Plug Set:
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	24#	0'	1142'		650 sx		Surface	0'
7-7/8"	5-1/2"	15.5#	0'	3795'		875 sx		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"	2982'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) San Andres	1618'	2960'	1989'-2922'	0.40"	43	Open
Yeso	3040'		3061'-3274'	0.40"	25	Open

26. Perforation Record

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

Depth Interval	Amount and type of Material
1989'-2922'	Downhole Commingle
3061'-3274'	Downhole Commingle

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

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	
			→						

ACCEPTED FOR RECORD

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	1618'	2960'	Oil & Gas		Depth
Yeso	3040'		Oil & Gas	Bowers	689'
				Queen	886'
				Grayburg	1306'
				Premier	1578'
				San Andres	1618'
				Glorieta	2960'
				Yeso	3040'

32. Additional remarks (include plugging procedure):

FALCON 3 J FEDERAL #29 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 *Mike Pippin* Date June 14, 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.S. any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.