

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
JAN 08 2013

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOGS**

5. Lease Serial No.  
NM-117806

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

8. Lease Name and Well No.  
**LOGAN 35 P FEDERAL #19**

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

3a. Phone No. (include area code)  
505-327-4573

9. API Well No.  
30-015-40808

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*  
 At surface 970' FSL & 990' FEL Unit (P) Sec. 35, T17S, R27E  
 At top prod. interval reported below  
 At total depth

10. Field and Pool, or Exploratory  
Red Lake: Glorieta-Yeso NE (96836)

11. Sec., T., R., M., or Block and Survey or Area  
P 35 17S 27E

12. County or Parish  
Eddy

13. State  
NM

14. Date Spudded  
11/26/12

15. Date T.D. Reached  
12/03/12

16. Date Completed  
 P & A  Ready to Prod.  
12/17/12

17. Elevations (DF, RKB, RT, GL)\*  
3638' GL

18. Total Depth: MD 4000' TVD  
 19. Plug Back T.D.: MD 3990' 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
									0'
12-1/4"	8-5/8	24#	0'	413'		335 sx	80	Surface	0'
7-7/8"	5-1/2"	17#	0'	3994'		650 sx	177	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"	3928'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Glorieta	3098'	3197'	3128'-3304'	0.42"	29	Open
Yeso	3197'		3362'-3561'	0.42"	30	Open
			3609'-3890'	0.42"	40	Open

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

Depth Interval	Amount and type of Material
3128'-3304'	1000 gal 7.5% HCL & fraced w/45,360# 16/30 Brady & 34,267# 16/30 siber prop sand in X-link
3362'-3561'	1000 gal 7.5% HCL & fraced w/51,122# 16/30 Brady & 14,124# 16/30 siber prop sand in X-link
3609'-3890'	2000 gal 7.5% HCL & fraced w/73,637# 16/30 Brady & 14,561# 16/30 siber prop sand in X-link

26. Perforation Record

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water	Oil Gravity Corr.	Gas Gravity	Production Method
READY			→						Pumping

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
			→						

**ACCEPTED FOR RECORD**  
JAN 5 2013  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

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
Glorieta	3098'	3197'	Oil & Gas		Depth
Yeso	3197'		Oil & Gas		
				Queen	968'
				Grayburg	1389'
				San Andres	1722'
				Glorieta	3098'
				Yeso	3197'

32. Additional remarks (include plugging procedure):

**LOGAN 35 P FEDERAL #19 NEW OIL WELL**

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 December 15, 2012