

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: _____

2. Name of Operator
LIME ROCK RESOURCES II-A, L.P. 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 **330' FNL & 990' FWL Unit (D) Sec. 8, T18S, R27E**

At top prod. interval reported below

At total depth

14. Date Spudded **11/18/12**
 15. Date T.D. Reached **11/23/12**
 16. Date Completed **12/10/12** Ready to Prod.

18. Total Depth: MD **4441'** TVD
 19. Plug Back T.D.: MD **4394'** 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
12-1/4"	8-5/8	24#	0'	436'		310 sx	75	Surface	0'
7-7/8"	5-1/2"	17#	0'	4441'		955 sx	260	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"	4282'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Yeso	2642'	4125'	3050'-3344'	0.41"	42	Open
			3400'-3716'	0.41"	42	Open
			3768'-4078'	0.41"	43	Open

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

Depth Interval	Amount and type of Material
3050'-3344'	2520 gal 7.5% HCL & fraced w/83,156# 16/30 Brady & 27,027# 16/30 siber prop sand in X-link
3400'-3716'	2000 gal 7.5% HCL & fraced w/91,213# 16/30 Brady & 16,908# 16/30 siber prop sand in X-link
3768'-4078'	2000 gal 7.5% HCL & fraced w/85,562# 16/30 Brady & 12,561# 16/30 siber prop sand in X-link

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water	Oil Gravity	Gas Gravity	Production Method
READY			→						ACCEPTED FOR RECORD 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	Gas Gravity	Production Method
			→						ACCEPTED FOR RECORD Pumping DEC 27 2012 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
Choke Size	Tbg. Press. Flwg. PSI	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)

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5. Lease Serial No. **NM-7716**
 6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
 8. Lease Name and Well No. **VANDAGRIFF 8 D FEDERAL #4**
 9. API Well No. **30-015-40805**
 10. Field and Pool, or Exploratory **Red Lake: Glorieta-Yeso (51120)**
 11. Sec., T., R., M., or Block and Survey or Area **D 8 18S 27E**
 12. County or Parish **Eddy** 13. State **NM**
 17. Elevations (DF, RKB, RT, GL)* **3418' GL**

Handwritten initials

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
Yeso	2642'	4125'	Oil & Gas		Depth
				Queen	532'
				Grayburg	932'
				San Andres	1484'
				Glorieta	2557'
				Yeso	2642'
Tubb	4125'				

32. Additional remarks (include plugging procedure):

VANDAGRIFF 8 D FEDERAL #4 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 10, 2012

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. States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.