

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD-ARTESIA

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. LC 70678A							
b. Type of Completion <input checked="" type="checkbox"/> New <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other		6. If Indian, Allottee or Tribe Name							
2. Name of Operator LIME ROCK RESOURCES II-A, L.P. c/o Mike Pippin LLC (Agent)		7. Unit or CA Agreement Name and No.							
3. Address 3104. N Sullivan, Farmington, NM 87401		8. Lease Name and Well No. HAWK 8 L FEDERAL #15							
3a. Phone No. (include area code) 505-327-4573		9. API Well No. 30-015-39807							
4. Location of Well (Report locations clearly and in accordance with Federal requirements)* At surface 1650' FSL & 680' FWL Unit (L) Sec. 8, T18S, R27E At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Red Lake: Glorieta-Yeso (51120)							
14. Date Spudded 02/09/12		11. Sec., T., R., M., or Block and Survey or Area L 8 18S 27E							
15. Date T.D. Reached 02/14/12		12. County or Parish Eddy							
16. Date Completed <input type="checkbox"/> P & A <input checked="" type="checkbox"/> Ready to Prod 03/01/12		13. State NM							
17. Elevations (DF, RKB, RT, GL)* 3398' GL									
18. Total Depth: MD 4243' TVD		19. Plug Back T.D.: MD 4208' (CIBP) TVD							
20. Depth Bridge Plug Set: MD 4208' TVD									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Induction & Density Neutron		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8	24#	0'	350'		340 sx	81	Surface	0'
7-7/8"	5-1/2"	17#	0'	4226'		1000 sx	282	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"	2899'								
25. Producing Intervals				26. Perforation Record					
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A)			2929'-3182'	0.41"	56	Open			
Yeso	2713'		3240'-3419'	0.41"	44	Open			
			3500'-3860'	0.41"	55	Open			
			3923'-4180'	0.41"	48	Open			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.				RECLAMATION DUE 9-1-12					
Depth Interval		Amount and type of Material							
2929'-3182'		1890 gal 7.5% HCL & fraced w/62,293# 16/30 Brady & 20,330# 16/30 siber prop sand in X-lin							
3240'-3419'		2500 gal 7.5% HCL & fraced w/47,009# 16/30 Brady & 12,241# 16/30 siber prop sand in X-lin							
3500'-3860'		2500 gal 7.5% HCL & fraced w/85,372# 16/30 Brady & 15,362# 16/30 siber prop sand in X-lin							
3923'-4180'		2520 gal 7.5% HCL & fraced w/80,233# 16/30 Brady & 13,859# 16/30 siber prop sand in X-lin							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
READY			→						Pumping
Choke Size	Tbg Press Flwg PSI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						Pumping
28a. Production - Interval B				MAR 10 2012					
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 PSI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

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

5 ply 1st Prod.

RECEIVED  
MAR 13 2012  
NMOCD ARTESIAACCEPTED FOR RECORD  
Pumping  
MAR 10 2012  
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. 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
Yeso	2713'		Oil & Gas	Queen	556'
				Grayburg	928'
				San Andres	1195'
				Glorieta	2587'
				Yeso	2713'

32. Additional remarks (include plugging procedure):

HAWK 8 L FEDERAL #15 New Yeso 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  Date March 1, 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. any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.