

NM OIL CONSERVATION

ARTESIA DISTRICT

NMOCD

Artesia

Form 3160-4
(August 2007)

FEB 22 2017

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NNMN025528

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator LIME ROCK RESOURCES II A LP E-Mail: MIKE@PIPPINLLC.COM			8. Lease Name and Well No. EAGLE 33 G FEDERAL 27		
3. Address 1111 BAGBY STREET SUITE 4600 HOUSTON, TX 77002			9. API Well No. 30-015-41226-00-S1		
3a. Phone No. (include area code) Ph: 505-327-4573			10. Field and Pool, or Exploratory RED LAKE-GLORIETA-YESO		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNE 2310FNL 2310FEL At top prod interval reported below SWNE 2310FNL 2310FEL At total depth SWNE 2310FNL 2310FEL			11. Sec., T., R., M., or Block and Survey or Area Sec 33 T17S R27E Mer NMP		
14. Date Spudded 04/29/2013			15. Date T.D. Reached 05/04/2013		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/24/2016			17. Elevations (DF, KB, RT, GL)* 3490 GL		
18. Total Depth: MD 4600 TVD 4600		19. Plug Back T.D.: MD 4542 TVD 4542		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) INDUCTION DENSITY NEUTRON INDUCTION&DENSI			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

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
12.250	8.625 J-55	24.0	0	433		325	78	0	0
7.875	5.500 J-55	17.0	0	4589		950	255	0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	2757							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	2870	4530	2870 TO 3000	0.420	14	OPEN - add pay
B)			3008 TO 4168	0.380	120	Open GLORIETA YESO
C)			4309 TO 4530	0.420	32	Open - add pay
D)						

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

Depth Interval	Amount and Type of Material
2870 TO 3000	1512 GAL 15% HCL & FRACED W/404,909# 40/70 SAND IN SLICK WATER
3008 TO 3236	1512 GAL 7.5% HCL & FRACED W/57,133# BRADY & 14,099# SIBER PROP 16/30 SAND IN X-LINKED GEL
3360 TO 3700	2000 GAL 7.5% HCL & FRACED W/96,835# BRADY & 14,692# SIBER PROP 16/30 SAND IN X-LINKED GEL
3836 TO 4168	2000 GAL 7.5% HCL & FRACED W/93,285# BRADY & 15,748# SIBER PROP 16/30 SAND IN 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
08/25/2016	05/30/2013	24	→	66.0	60.0	558.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	66	60	558	909	POW	

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
08/25/2016	09/12/2016	24	→	18.0	60.0	264.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	18	60	264	3333	POW	

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

ELECTRONIC SUBMISSION #351650 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

ACCEPTED FOR RECORD

FEB 10 2017

DAVID R. GLASS
PETROLEUM ENGINEER

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
GLORIETA	2785	2867	OIL & GAS	SEVEN RIVERS	260
YESO	2867	4260	OIL & GAS	QUEEN	788
TUBB	4260	4600	OIL & GAS	GRAYBURG	1162
				SAN ANDRES	1454
				GLORIETA	2785
				YESO	2867
				TUBB	4260

32. Additional remarks (include plugging procedure):
THIS IS FOR A YESO PAYADD WORKOVER.

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#44: 4309'-4530'; 1512 GAL 15% HCL & FRACED W/30,640# 100 MESH & 251,980# 40/70 SAND IN SLICK WATER.

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 | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #351650 Verified by the BLM Well Information System.
For LIME ROCK RESOURCES II A LP, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 01/25/2017 (17DMH0041SE)

Name (please print) MIKE PIPPINTitle PETROLEUM ENGINEER

Signature _____ (Electronic Submission)

Date 09/19/2016

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****