

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT
NMOCD
Artesia **JUL 03 2017**

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMLC070678A		
b. Type of Completion <input checked="" type="checkbox"/> New Well <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 LP			Contact: MIKE PIPPIN E-Mail: MIKE@PIPPINLLC.COM		
3. Address 1111 BAGBY STREET SUITE 4600 HOUSTON, TX 77002			3a. Phone No. (include area code) Ph: 505-327-4573		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSW 2305FSL 555FWL At top prod interval reported below NWSW 2305FSL 555FWL At total depth NWSW 2305FSL 555FWL			7. Unit or CA Agreement Name and No.		
14. Date Spudded 01/26/2017			15. Date T.D. Reached 02/01/2017		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/10/2017			8. Lease Name and Well No. HAWK 8 L FEDERAL 16		
18. Total Depth: MD 4510 TVD 4510			19. Plug Back T.D.: MD 4461 TVD 4461		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CASEDHOLENEUTRO			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)		
9. API Well No. 30-015-43814-00-S1			10. Field and Pool, or Exploratory RED LAKE-GLORIETA-YESO		
11. Sec., T., R., M., or Block and Survey or Area Sec 8 T18S R27E Mer NMP			12. County or Parish EDDY		
13. State NM			17. Elevations (DF, KB, RT, GL)* 3388 GL		

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	350		300	72	0	0
7.875	5.500 J-55	17.0	0	4498		900	248	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)
3.500	2871							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO	2710	4452	2710 TO 3063	0.410	35	OPEN
B)			3200 TO 3501	0.410	31	OPEN
C)			3600 TO 3911	0.410	31	OPEN
D)			4050 TO 4452	0.410	33	OPEN

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

Depth Interval	Amount and Type of Material
2710 TO 3063	1507 GAL 15% HCL & FRACED W/29,486# 100 MESH & 350,027# 40/70 SAND IN SLICK WATER
3200 TO 3501	917 GAL 15% HCL & FRACED W/29,553# 100 MESH & 285,910# 40/70 SAND IN SLICK WATER
3600 TO 3911	1060 GAL 15% HCL & FRACED W/30,540# 100 MESH & 287,290# 40/70 SAND IN SLICK WATER
4050 TO 4452	1153 GAL 15% HCL & FRACED W/30,017# 100 MESH & 379,120# 40/70 WISCONSON SAND IN SLICK WATER

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
03/14/2017	03/28/2017	24	→	108.0	200.0	1256.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	108	200	1256	1852	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
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

ACCEPTED FOR RECORD
(2017 030) DAVID R. GLASS

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

ELECTRONIC SUBMISSION #371822 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

**RECLAMATION DUE:
SEP 10 2017**

**DAVID R. GLASS
PETROLEUM ENGINEER**

JUN 26 2017

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
QUEEN	564	964		QUEEN	564
GLORIETA	2556	2641	OIL & GAS	GRAYBURG	964
YESO	2641	4222	OIL & GAS	SAN ANDRES	1175
TUBB	4222	4510	OIL & GAS	GLORIETA	2556
				YESO	2641
				TUBB	4222

32. Additional remarks (include plugging procedure):
THIS IS FOR A 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
- 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 #371822 Verified by the BLM Well Information System.
For LIME ROCK RESOURCES II A LP, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 04/06/2017 (17DW0045SE)**

Name (please print) MIKE PIPPIN Title PETROLEUM ENGINEER

Signature _____ (Electronic Submission) Date 03/31/2017

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.