

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION  
DISTRICT  
OCD Artesia  
MAR 28 2018

FORM APPROVED  
OMB No 1004 0137  
Expires July 31 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No  
NMLC065478B

1a Type of Well  Oil Well  Gas Well  Dry  Other  
 b Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff Resvr  
 Other \_\_\_\_\_

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 NESW 1650FSL 1650FWL  
 At top prod interval reported below NESW 1650FSL 1650FWL  
 At total depth NESW 1650FSL 1650FWL

6 If Indian, Allottee or Tribe Name  
 7 Unit or CA Agreement Name and No

8 Lease Name and Well No FALCON 3 K FEDERAL 36  
 9 API Well No 30-015-43686-00-X1

10 Field and Pool, or Exploratory RED LAKE  
 11 Sec, T, R, M, or Block and Survey or Area Sec 3 T18S R27E Mer NMP  
 12 County or Parish EDDY 13 State NM

14 Date Spudded 05/06/2017 15 Date T D Reached 05/12/2017 16 Date Completed  D & A  Ready to Prod 07/20/2017  
 17 Elevations (DF, KB, RT, GL)\* 3561 GL

18 Total Depth MD 5215 TVD 5215 19 Plug Back T D MD 5057 TVD 5057 20 Depth Bridge Plug Set MD TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each) INDUCTION&NEUTR DENSITY  
 22 Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  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
11 000	8 625 J-55	24 0	0	350		300		0	
11 000	8 625 J-55	24 0	0	437		350	84	0	0
7 875	5 500 J-55	17 0	0	5102		1000	271	0	0
7 875	5 500 J-55	17 0	0	5420		1040		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	3486							

25 Producing Intervals 26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) GLORIETA YESO			3210 TO 3503	0 420	29	OPEN
B) YESO	3045		3650 TO 4001	0 420	34	OPEN
C)			4200 TO 4459	0 420	27	OPEN
D)			4550 TO 4855	0 420	30	OPEN

27 Acid Fracture Treatment, Cement Squeeze Etc

Depth Interval	Amount and Type of Material
3210 TO 3503	2012 GAL 15% HCL & FRACED W/264 694# 30/50 SAND IN SLICK WATER
3650 TO 4001	1172 GAL 15% HCL & FRACED W/30 213# 100 MESH & 325 831# 30/50 SAND IN SLICK WATER
4200 TO 4459	1508 GAL 15% HCL & FRACED W/30 148# 100 MESH & 234 751# 30/50 SAND IN SLICK WATER
4550 TO 4855	2016 GAL 15% HCL & FRACED W/30 055# 100 MESH & 278 784# 30/50 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
08/01/2017	08/07/2017	24	▶	81 0	35 0	534 0			ELECTRIC PUMP SUB SURFACE
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	SI		▶	81	35	534	432	PCW	

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 SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	SI		▶						

ACCEPTED FOR RECORD  
 MAR 22 2018  
 [Signature]  
 BUREAU OF LAND MANAGEMENT  
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #384377 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* BLM REVISED \*\*

Reclamation Due: 1/20/2018

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	3045	3142	OIL & GAS	QUEEN	891
YESO	3142		OIL & GAS	GRAYBURG	1329
				SAN ANDRES	1603
				GLORIETA	3045
				YESO	3142

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 #384377 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 09/12/2017 (17DW0117SE)

Name (please print) MIKE PIPPIN Title PETROLEUM ENGINEER

Signature (Electronic Submission) Date 08/11/2017

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

**\*\* REVISED \*\* REVISED \*\***

WELL NAME AND NUMBER Falcon 3K Federal No. 36  
 LOCATION Section 3, T18S, R27E, 1650 FSL, 1650 FWL, Eddy Cty  
 OPERATOR Lime Rock Resources II-A, L.P.  
 DRILLING CONTRACTOR United Drilling, Inc

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
6° @ 235'		
4° @ 699'		
9° @ 1179'		
9° @ 1690'		
3° @ 2170'		
8° @ 2651'		
12° @ 3130'		
9° @ 3639'		
1° @ 4121'		
2° @ 4633'		
3° @ 5109'		

Drilling Contractor- UNITED DRILLING, INC.

By Angel Salazar  
(Angel Salazar)

Title Vice President

Subscribed and sworn to before me this 15<sup>th</sup> day of May, 2017

Luis Noriega  
Notary Public

Chaves NM  
County State

My Commission Expires

