

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARIZONA DISTRICT
OCD Artesia

MAR 28 2018

FORM APPROVED
OMB No 1004 0137
Expires July 31 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 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 _____		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 FALCON 3 K FEDERAL 36	
3 Address 1111 BAGBY STREET SUITE 4600 HOUSTON TX 77002		9 API Well No 30-015-43686-00-X1	
3a Phone No (include area code) Ph 505-327-4573		10 Field and Pool, or Exploratory RED LAKE	
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		11 Sec, T, R, M, or Block and Survey or Area Sec 3 T18S R27E Mer NMP	
14 Date Spudded 05/06/2017		15 Date T D Reached 05/12/2017	
16 Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod 07/20/2017		17 Elevations (DF, KB, RT, GL)* 3561 GL	
18 Total Depth MD TVD 5215 5215	19 Plug Back T D MD TVD 5057 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? <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 Sks & 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	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 SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD

MAR 22 2018

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 ** BLM REVISED ** BLM REVISED ** BLM REVISED ** 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 YESO	3045 3142	3142	OIL & GAS OIL & GAS	QUEEN GRAYBURG SAN ANDRES GLORIETA YESO	891 1329 1603 3045 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 ** REVISED ** REVISED ** REVISED ** REVISED ** 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)

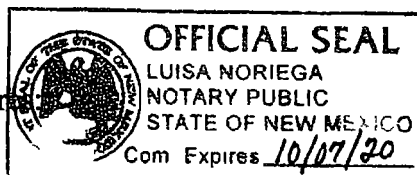
Title

Vice President

Subscribed and sworn to before me this 15th day of May, 2017

Luisa Noriega
Notary Public

My Commission Expires



Chaves NM
County State