

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCD APR 25 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Case Serial No.
NMNM7717

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 1750FSL 1655FWL
At top prod interval reported below Lot 15 1750FSL 1655FWL
At total depth NESW 1750FSL 1655FWL

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. HONDO 4 K FEDERAL 51

9. API Well No. 30-015-44017-00-S1

10. Field and Pool, or Exploratory RED LAKE

11. Sec., T., R., M., or Block and Survey or Area Sec 4 T18S R27E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 02/12/2018 15. Date T.D. Reached 02/17/2018 16. Date Completed D & A Ready to Prod. 03/27/2018

17. Elevations (DF, KB, RT, GL)* 3562 GL

18. Total Depth: MD 4820 TVD _____ 19. Plug Back T.D.: MD 4764 TVD _____ 20. Depth Bridge Plug Set: MD TVD _____

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CASEDHOLENEUTRO

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
12.250	8.625 J-55	24.0	0	349		350	84	0	0
7.875	5.500 J-55	17.0	0	4809		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)
2.875	3279							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO	2796	4276	2970 TO 3281	0.400	27	OPEN - GL-Yeso (96836)
B)			3380 TO 3771	0.400	35	OPEN
C)			3825 TO 4156	0.400	32	OPEN
D)			4349 TO 4590	0.400	23	OPEN

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

Depth Interval	Amount and Type of Material
2970 TO 3281	1567 GAL 15% HCL & FRACED W/30,486# 100 MESH & 282,245# 30/50 SAND IN SLICK WATER
3380 TO 3771	1500 GAL 15% HCL & FRACED W/30,491# 100 MESH & 364,315# 30/50 SAND IN SLICK WATER
3825 TO 4156	1890 GAL 15% HCL & FRACED W/30,467# 100 MESH & 303,333# 30/50 SAND IN SLICK WATER
4349 TO 4590	1500 GAL 15% HCL & FRACED W/30,467# 100 MESH & 213,427# 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
03/24/2018	04/02/2018	24	→	180.0	112.0	1144.0			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			→	180	112	1144	622		

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

APR 25 2018

Dinah Regueta
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #410339 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

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	2796	2927	OIL & GAS	QUEEN	771
YESO	2927	4276	OIL & GAS	GRAYBURG	1201
TUBB	4276		OIL & GAS	SAN ANDRES	1430
				GLORIETA	2796
				YESO	2927
				TUBB	4276

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 #410339 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 04/11/2018 (18DW0128SE)

Name (please print) MIKE PIPPIN Title PETROLEUM ENGINEER

Signature _____ (Electronic Submission) Date 04/04/2018

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 Hawk 9 A Federal No. 22
 LOCATION Section 9, T18S, R27E, Lot A, 985 FNL, 985 FEL, 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
.8° @ 248'		
1.9° @ 702'		
2.8° @ 955'		
2.8° @ 1116'		
2.7° @ 1275'		
2.1° @ 1436'		
1.5° @ 1628'		
1.4° @ 1884'		
.8° @ 2299'		
.4° @ 2745'		
.7° @ 3199'		
1.0° @ 3671'		
1.4° @ 4123'		
1.5° @ 4507'		
1.4° @ 4700'		

Drilling Contractor- UNITED DRILLING, INC.

By: *Angel Salazar*
 (Angel Salazar)

Title: Vice President

Subscribed and sworn to before me this 20th day of March, 2018.

Luisa Noriega
 Notary Public

Chaves NM
 County State

My Commission Expires

