

NM OIL CONSERVATION
ARTESIA DISTRICT
FEB 22 2017

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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No. NMLC067849

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. EAGLE 34 K FEDERAL 86

9. API Well No. 30-015-43863-00-S1

10. Field and Pool, or Exploratory RED LAKE-GLORIETA-YESO, NE

11. Sec., T., R., M., or Block and Survey or Area Sec 34 T17S R27E Mer NMP

12. County or Parish EDDY 13. State NM

17. Elevations (DF, KB, RT, GL)* 3551 GL

14. Date Spudded 09/23/2016 15. Date T.D. Reached 09/29/2016 16. Date Completed 11/22/2016
 D & A Ready to Prod.

18. Total Depth: MD 4900 TVD 4880 19. Plug Back T.D.: MD 4833 TVD 4815 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) INDUCTION&DENSI 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	71	0	0
7.875	5.500 J-55	17.0	0	4884		1000	271	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	3079							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO	3050	4780	3050 TO 3991	0.400	34	OPEN
B)			3480 TO 3821	0.400	32	OPEN
C)			3947 TO 4291	0.400	33	OPEN
D)			4420 TO 4780	0.420	34	OPEN

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

Depth Interval	Amount and Type of Material
3050 TO 3991	1500 GAL 15% HCL & FRACED W/30,000# 100 MESH & 315,280# 40/70 ARIZONA SAND IN SLICK WATER
3480 TO 3821	1500 GAL 15% HCL & FRACED W/35,180# 100 MESH & 330,420# 40/70 ARIZONA SAND IN SLICK WATER
3947 TO 4291	1500 GAL 15% HCL & FRACED W/30,000# 100 MESH & 230,780# 40/70 ARIZONA SAND IN SLICK WATER
4420 TO 4780	1500 GAL 15% HCL & FRACED W/30,200# 100 MESH & 333,280# 40/70 ARIZONA 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
11/22/2016	11/28/2016	24	▶	81.0	25.0	794.0			OTHER
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			▶	81	25	794	309	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	
			▶						

ACCEPTED FOR RECORD
DAVID R. GLASS

FEB 14 2017

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #359792 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **
DAVID R. GLASS
PETROLEUM ENGINEER

RECLAMATION DUE:
MAY 22 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
GLORIETA	2933	3006	OIL & GAS	QUEEN	831
YESO	3006	4411	OIL & GAS	GRAYBURG	1247
GLORIETA YESO	3050	4780		SAN ANDRES	1566
TUBB	4411	4900	OIL & GAS	GLORIETA	2933
				YESO	3006
				TUBB	4411

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 #359792 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 01/30/2017 (17DMH0066SE)

Name (please print) MIKE PIPPIN Title PETROLEUM ENGINEER

Signature _____ (Electronic Submission) Date 12/04/2016

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.