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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 25 2019

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

WELL COMPLETION OR RECOMPLETION DISTRICT OFFICE A.O.C.D.

5. Lease Serial No.
NMLC029405A

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 **MACK ENERGY CORPORATION** Contact: **DEANA WEAVER**
E-Mail: **dweaver@mec.com**

3. Address **ARTESIA, NM 88211-0960** 3a. Phone No. (include area code) **Ph: 575-748-1288**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 19 T17S R32E Mer NMP
At surface Lot 1 812FNL 526FWL 32.825199 N Lat, 103.812775 W Lon
Sec 24 T17S R31E Mer NMP
At top prod interval reported below **NENE 349FNL 206FEL**
Sec 24 T17S R31E Mer NMP
At total depth **NWNW 343FNL 102FWL**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. **PARTITION 24 FEDERAL AD 1H**

9. API Well No. **30-025-44931-00-S1**

10. Field and Pool, or Exploratory **FREN GLORIETA-YESO**

11. Sec., T., R., M., or Block and Survey or Area **Sec 19 T17S R32E Mer NMP**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **01/21/2019** 15. Date T.D. Reached **01/27/2019** 16. Date Completed D & A Ready to Prod. **03/04/2019**

17. Elevations (DF, KB, RT, GL)* **3935 GL**

18. Total Depth: MD **10842** TVD **5381** 19. Plug Back T.D.: MD **9246** TVD **5401** 20. Depth Bridge Plug Set: MD **9246** TVD **5401**

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

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
17.500	13.375 J-55	48.0	0	715		690		0	
12.250	9.625 J-55	36.0	0	2006		685		0	
8.500	7.000 L-80	26.0	0	3166					
8.500	5.500 L-80	17.0	3166	9255		585		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	4279							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA -YESO	4499	9188	4499 TO 9188			FRAC PORTS
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4499 TO 9188	943BBLs ACID 15%, 148,658BBLs SW, 1,774,701# 100 MESH, 1,644,994# WI 40/70, 339,580# SLC 40/70

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
03/11/2019	03/11/2019	24	→	113.0	75.0	1490.0	35.0	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→	113	75	1490	663	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		→						

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #458261 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 -YESO	4499	9188		RUSTLER TOP SALT BASE OF SALT YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	539 720 1712 1893 2232 2857 3246 3615

32. Additional remarks (include plugging procedure):

2/26-3/4/2019 FRAC THRU FRAC PORTS @ 4499-9188 W/ 943BBLS ACID 15%, 148,658BBLS SW, 1,774,701# 100 MESH, 1,644,994# WI 40/70, 339,580# SLC 40/70. DRILL OUT PORTS @ 4499-9188', RIH W/ 131 JTS 2 7/8" J-55 TUBING @ 4279', CAVINS 5 1/2" DESANDER @ 4370', EOS @ 4701', ALL DEPTHS ARE WITH A 16.5 KB, ON TOP OF PUMP.

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 #458261 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Hobbs
Committed to AFMSS for processing by DINAH NEGRETE on 07/19/2019 (19DCN0167SE)**

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature (Electronic Submission) Date 03/18/2019

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 ****