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Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DISTRICT 7 - ARTESIA O.C.D.

5. Lease Serial No.
NMNM1315801a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
MACK ENERGY CORPORATION Contact: DEANA WEAVER
E-Mail: dweaver@mec.com8. Lease Name and Well No.
MONTREAL FEDERAL COM 1H3. Address P.O. BOX 960
ARTESIA, NM 882103a. Phone No. (include area code)
Ph: 575-748-12889. API Well No.
30-005-64339

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 29 T15S R29E Mer
At surface NENE 565FNL 418FELSec 20 T15S R29E Mer
At top prod interval reported below SESE 101FSL 1011FELSec 20 T15S R29E Mer
At total depth NENE 1FNL 988FEL10. Field and Pool, or Exploratory
ROUND TANK; SAN ANDRES11. Sec., T., R., M., or Block and Survey
or Area Sec 29 T15S R29E Mer12. County or Parish
CHAVES13. State
NM14. Date Spudded
08/21/201915. Date T.D. Reached
09/04/2019 **RR TO 41119**16. Date Completed
☐ D & A ☒ Ready to Prod.
11/25/201917. Elevations (DF, KB, RT, GL)*
3774 GL18. Total Depth: MD 8908
TVD 317419. Plug Back T.D.: MD 8859
TVD 317420. Depth Bridge Plug Set: MD
TVD

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

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 J55	✓ 48.0	0	215		✓ C 805		0	
✓ 12.250	✓ 9.625 J55	✓ 36.0	0	1201		✓ C 415		0	
✓ 8.750	✓ 7.000 P-110	✓ 26.0	0	5618				0	
✓ 8.750	✓ 5.500 P110	✓ 17.0	5618	✓ 8908		✓ 1741		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	2431							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
ROUND TANK; SAN ANDRES	3737	8808	10/25/19 3737 TO 8808	0.410	864	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3737 TO 8808	1152BBLs 15% ACID, 6062BBLs SW, 82,827BBLs X-LINK, 374,599# 100 MESH, 651,759# 30/50 WS.

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
12/07/2019	12/07/2019	24	→	30.0	10.0	1412.0	37.4	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	
			→	30	10	1412	3333	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	
			→						

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

ELECTRONIC SUBMISSION #495940 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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
QUEEN SAN ANDRES	1644 3737	1670 8808	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/WATER	YATES 7-RVRS QUEEN GRAYBURG SAN ANDRES	918 1133 1624 2024 2330

32. Additional remarks (include plugging procedure):

10/25-11/20/2019 Perforated 3737-8808' w/ 864 holes. Frac w/ 1152bbls 15% Acid, 6062bbls SW, 82,827bbls X-Link, 374,599# 100 Mesh, 651,759# 30/50 WS, 4,401,083# 20/40 WS, 573,125# 20/40 SLC. RIH 1jt 2 7/8, 3 1/2 x 2 7/8 x over, 123m900 stator, 3 1/2" rotor sub, 72jts 3 1/2" J-55 tubing, Intake 2440', Gas Sep 2437', TAC 2431', EOT 2361'.

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 #495940 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell

Name (please print) DEANA WEAVERTitle PRODUCTION CLERK

Signature _____ (Electronic Submission)

Date 12/16/2019

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.

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