

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL INFORMATION
ARTESIA DISTRICT
Artesia
OCT 24 2019

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM0557563

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. 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.COM

8. Lease Name and Well No.
HAMILTON FEDERAL COM 1H

3. Address P.O. BOX 960
ARTESIA, NM 88211-0960

3a. Phone No. (include area code)
Ph: 575-748-1288

9. API Well No.
30-005-64307-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWSW 383FSL 598FWL 33.009712 N Lat, 104.022995 W Lon
Sec 15 T15S R29E Mer NMP
At top prod interval reported below NWNW 127FNL 358FWL
Sec 22 T15S R29E Mer NMP
At total depth SWSW 2FSL 329FWL

10. Field and Pool, or Exploratory
ROUND TANK-SAN ANDRES

11. Sec., T., R., M., or Block and Survey
or Area Sec 15 T15S R29E Mer NMP

12. County or Parish
CHAVES

13. State
NM

14. Date Spudded
08/03/2019

15. Date T.D. Reached
08/17/2019

16. Date Completed
☐ D & A ☒ Ready to Prod.
10/04/2019

17. Elevations (DF, KB, RT, GL)*
3863 GL

18. Total Depth: MD 8750
TVD 3349

19. Plug Back T.D.: MD 8701
TVD 3349

20. 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 J-55	48.0	0	220		425		0	
12.250	9.625 J-55	36.0	0	1200		465		0	
8.750	5.500 P-110	17.0	0	5289		1575		187	
8.750	7.000 P-110	26.0	5289	8750		350		187	

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	2456							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3699	8650	✓ 3699 TO 8650	0.410	900	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3699 TO 8650	1205BBLs 2000GALS 15% ACID, 96357BBLs X-LINKS, 6609BBLs SW, 387,321# 100 MESH, 650,132# 30/50SW

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
10/14/2019	10/16/2010	24	→	14.0	26.0	2224.0	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		→	14	26	2224	1857	ACCEPTED FOR RECORD	

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
			→						Oct 22 2019
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→					BUREAU OF LAND MANAGEMENT	
								ROSWELL FIELD OFFICE	

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

ELECTRONIC SUBMISSION #489153 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation due: 4/14/2020

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	1798 3699	1815 8650	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/WATER	YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	1055 1288 1778 2169 2482

32. Additional remarks (include plugging procedure):

9/10-10/3/2019 PERFORATED 3699-8650' W/ .41,900 HOLES. FRAC W/ 1205 BBLS & 2000 GALS 15% ACID, 96,357BBLS X-LINKS, 6609BBLS SW, 387,321# 100 MESH, 650,132# 30/50 WS, 3,208,671# 20/40 WS, 608,457# SLC 20/40. RIH w/ 1jt 2 7/8, 74jts 3 1/2 tubing @ 2456', 123m900 Stator.

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 #489153 Verified by the BLM Well Information System.

For MACK ENERGY CORPORATION, sent to the Roswell

Committed to AFMSS for processing by JENNIFER SANCHEZ on 10/22/2019 (20JS0007SE)

Name (please print) DEANA WEAVER

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 10/22/2019

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 ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****