

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNMOCD
Artesia

OCT 24 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM121949

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.
CHILLIWACK 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.
30-005-64311-00-X1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 Sec 17 T15S R29E Mer NMP
 At surface SWSW 810FSL 965FWL 33.010902 N Lat, 104.056053 W Lon
 Sec 17 T15S R29E Mer NMP
 At top prod interval reported below SWSW 229FSL 951FWL
 Sec 20 T15S R29E Mer NMP
 At total depth SWSW 7FSL 962FWL

10. Field and Pool, or Exploratory
ROUND TANK-SAN ANDRES11. Sec., T., R., M., or Block and Survey
or Area Sec 17 T15S R29E Mer NMP12. County or Parish
CHAVES13. State
NM

14. Date Spudded
06/05/2018

15. Date T.D. Reached
06/16/2018

16. Date Completed
☐ D & A ☒ Ready to Prod.
10/05/2018

17. Elevations (DF, KB, RT, GL)*
3781 GL

18. Total Depth: MD 8968
TVD 3167

19. Plug Back T.D.: MD 8926
TVD 3167

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 J55	48.0	0	225		590		0	
8.750	5.500 P110	17.0	0 240	3278		1940		740	
8.750	7.000 P110	26.0	3278	8968					

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	2470							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3470	8820	3470 TO 8820	0.410	648	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3470 TO 8820	1220BBLs 15% ACID, 61,548BBLs SW, 26215BBLs 20# X-LINK, 19011BBLs 18# X-LINK, 415622# 100 MESH.

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
10/21/2018	10/21/2018	24	→	50.0	10.0	1312.0	36.2	0.80	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	50	10	1312	200	POV	

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			→						

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

ELECTRONIC SUBMISSION #440629 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** 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
QUEEN SAN ANDRES	1669 2970	1686 8820	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/ WATER	QUEEN GRAYBURG SAN ANDRES	1645 2036 2353

32. Additional remarks (include plugging procedure):

7/2-9/28/2018 PERFORATED 3470-8820' W/ 648 HOLES. FRAC W/ 1,220 BBLS 15% ACID, 26,215 BBLS 20# X-LINK, 19,011 BBLS 18# X-LINK, 61,548 BBLS SW, 415,622# 100 MESH, 7,33,170# 30/50 WS, 3,537,077# 20/40 WS, 749,918 20/40 SLC.
10/4/2018 RIH W/ 75JTS 3 1/2" J-55, BULL PLUG @ 2579', CAM LOCK @ 2524', STATOR @ 2470'.

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 #440629 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by JENNIFER SANCHEZ on 10/22/2018 (19JS0011SE)

Name (please print) DEANA WEAVERTitle PRODUCTION CLERK

Signature _____ (Electronic Submission)

Date 10/22/2018

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

Revisions to Operator-Submitted EC Data for Well Completion #440629

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM121949	NMNM121949
Agreement:		
Operator:	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88210 Ph: 575-748-1288	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88211-0960 Ph: 505-748-1288
Admin Contact:	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539
Tech Contact:	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539
Well Name:	CHILLIWACK FEDERAL COM	CHILLIWACK FEDERAL COM
Number:	1H	1H
Location:		
State:	NM	NM
County:	CHAVES	CHAVES
S/T/R:	Sec 17 T15S R29E Mer	Sec 17 T15S R29E Mer NMP
Surf Loc:	SWSW 810FSL 965FWL	SWSW 810FSL 965FWL 33.010902 N Lat, 104.056053 W Lon
Field/Pool:	ROUND TANK; SAN ANDRES	ROUND TANK-SAN ANDRES
Logs Run:		
Producing Intervals - Formations:	ROUND TANK; SAN ANDRES	SAN ANDRES
Porous Zones:	QUEEN SAN ANDRES	QUEEN SAN ANDRES
Markers:	QUEEN GRAYBURG SAN ANDRES	QUEEN GRAYBURG SAN ANDRES