

RECEIVED

Form 3160-4
(August 2007)MAY 03 2019 UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNMOCD
ArtesiaFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM02849721a. 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.COM8. Lease Name and Well No.
GRAND FORKS FEDERAL COM 2H3. Address P.O. BOX 960
ARTESIA, NM 88211-09603a. Phone No. (include area code)
Ph: 575-748-12889. API Well No.
30-005-64328-00-S14. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 27 T15S R29E Mer NMP
At surface NENE 565FNL 900FEL 32.992577 N Lat, 104.010651 W Lon
Sec 22 T15S R29E Mer NMP
At top prod interval reported below SESE 122FSL 957FEL
Sec 22 T15S R29E Mer NMP
At total depth NENE 10FNL 965FEL10. Field and Pool, or Exploratory
ROUND TANK-SAN ANDRES11. Sec., T., R., M., or Block and Survey
or Area Sec 27 T15S R29E Mer NMP12. County or Parish
CHAVES 13. State
NM14. Date Spudded
02/16/201915. Date T.D. Reached
02/20/201916. Date Completed
☐ D & A ☒ Ready to Prod.
03/29/201917. Elevations (DF, KB, RT, GL)*
3880 GL18. Total Depth: MD 9012
TVD 342219. Plug Back T.D.: MD 8978
TVD 344220. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL DLL FDC GR22. 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	303		1020		0	
12.250	9.625 J55	36.0	0	1193		410		0	
8.750	7.000 P110	26.0	0	3542					
8.750	5.500 P110	17.0	3542	9005		1820		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	2788							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3819	8920	3819 TO 8920	0.410	624	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3819 TO 8920	2777GALS 15% ACID, 11940BBL SW, 94981BBL 20# XL, 404595# 100 MESH, 711441# 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
04/25/2019	04/27/2019	24	→	25.0	27.0	3200.0	40.0	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	
			→	25	27	3200	1080		

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	
			→						

POW
ACCEPTED FOR RECORD

MAY 01 2019

BUREAU OF LAND MANAGEMENT
ROSWELL FIELD OFFICE

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

ELECTRONIC SUBMISSION #463613 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due 10/25/2019

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.)
CAPTURED

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	1870 3600	1884 9020	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/WATER	RUSTLER YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	244 1110 1354 1850 2250 2563

32. Additional remarks (include plugging procedure):

3/21-28/2019 Perforated 3819-8920' w/ 624 holes, Frac w/ 2,777gals 15% Acid, 11,940bbls SW, 94,981bbls 20# XL, 404,595# 100 Mesh, 711,441# 30/50 WS, 3,400,634# 20/40 WS, 637,440# 20/40 SLC.
4/9/2019 RIH w/ 82jts 3 1/2" J-55 tubing, bottom of sting @ 2788', top of pump @ 2697', intake @ 2738'.

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 #463613 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by JENNIFER SANCHEZ on 04/30/2019 (19JS0079SE)

Name (please print) DEANA WEAVERTitle PRODUCTION CLERKSignature (Electronic Submission)Date 04/30/2019

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 ****

Revisions to Operator-Submitted EC Data for Well Completion #463613

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM0284972	NMNM0284972
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: Number:	GRAND FORKS FEDERAL COM 2H	GRAND FORKS FEDERAL COM 2H
Location:		
State:	NM	NM
County:	CHAVES	CHAVES
S/T/R:	Sec 27 T15S R29E Mer	Sec 27 T15S R29E Mer NMP
Surf Loc:	NENE 565FNL 900FEL	NENE 565FNL 900FEL 32.992577 N Lat, 104.010651 W Lon
Field/Pool:	ROUND TANK; SAN ANDRES	ROUND TANK-SAN ANDRES
Logs Run:	CNL, DLL, FDC, GR	CNL DLL FDC GR
Producing Intervals - Formations:	ROUND TANK SAN ANDRES	SAN ANDRES
Porous Zones:	QUEEN SAN ANDRES	QUEEN SAN ANDRES
Markers:	RUSTLER TOP SALT BASE SALT YATES 7-RIVERS QUEEN GRAYBURG SAN ANDRES	RUSTLER YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES