

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION
ARTESIA NMOCJAN 3 2018
ArtesiaFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM1315811a. 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: ROBERT CHASE
E-Mail: JERRYS@MEC.COM8. Lease Name and Well No.
WHITE ROCK FEDERAL 1H3. Address P.O. BOX 960
ARTESIA, NM 88211-09603a. Phone No. (include area code)
Ph: 575-748-12889. API Well No.
30-005-64300

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

At surface Sec 28 T15S R29E Mer
NWNW 140FNL 555FWLAt top prod interval reported below Sec 21 T15S R29E Mer
NWNW 379FSL 552FWLAt total depth Sec 21 T15S R29E Mer
NWNW 212FNL 341FWL10. Field and Pool, or Exploratory
ROUND TANK SAN ANDRES11. Sec., T., R., M., or Block and Survey
or Area Sec 28 T15S R29E Mer12. County or Parish
CHAVES13. State
NM14. Date Spudded
11/06/201715. Date T.D. Reached
11/28/201716. Date Completed
☐ D & A ☒ Ready to Prod.
12/16/201717. Elevations (DF, KB, RT, GL)*
3790 GL18. Total Depth: MD 8255
TVD 3,246.5'19. Plug Back T.D.: MD 8205
TVD20. 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
14.750	9.625 J-55	36.0	0	250		1090		0	
8.750	7.000 P-110	7.0	0	2747		1630		0	
8.750	5.500 P-110	17.0	2747	8255				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	2588		2.875	2588				

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
ROUND TANK SAN ANDRES	3567	8133	3567 TO 8133	0.420	729	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3567 TO 8133	122BBLs ACID, 5699BBLs SW, 78,499# X-LINK, 344,397# 100 MESH, 724,817# WI 30/50, 3,014,464# WI 20/40

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
12/26/2017	12/27/2017	24	→	78.0	119.0	1905.0	35.2	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	
			→	78	119	1905	655	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 #401165 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due: 06/26/2018

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
JAN 3 2018

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	1666 3567	1682 8133	SAND/ OIL/ WATER/ GAS DOLOMITE, OIL/ WATER/ GAS	RUSTLER TOP SALT BASE SALT YATES 7- RVRS QUEEN GRAYBURG SAN ANDRES	236 266 773 924 1156 1644 2044 2352

32. Additional remarks (include plugging procedure):

12/4-8/2017 PERFORATED 3567-8133' W/ 729 HOLES. FRAC W/ 1122BBLs ACID, 5699BBLs SW, 78,499# X-LINK, 344,397# 100 MESH, 724,817# WI 30/50, 3,014,464# WI 20/40, 553,131# SLC 20/40.
12/11-16/2017 RIH W/ 80JTS 3 1/2" L-80 & 6JTS 2 7/8" J-55 @ 2588', DESANDER @ 2630' & STATOR @ 2599'. RIG DOWN.

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 #401165 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by JENNIFER SANCHEZ on 01/23/2018 ()**

Name (please print) DEANA WEAVERTitle PRODUCTION CLERKSignature (Electronic Submission)Date 01/17/2018

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Revisions to Operator-Submitted EC Data for Well Completion #401165

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM131581	NMNM131581
Agreement:		
Operator:	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88211-0960 Ph: 575-748-1288	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88211-0960 Ph: 505-748-1288
Admin Contact:	ROBERT CHASE VICE PRESIDENT E-Mail: JERRYYS@MEC.COM Ph: 575-748-1288	ROBERT CHASE VICE PRESIDENT E-Mail: JERRYYS@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539
Tech Contact:	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVR@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:	WHITE ROCK FEDERAL 1H	WHITE ROCK FEDERAL 1H
Location: State: County: S/T/R: Surf Loc:	NM CHAVES Sec 28 T15S R29E Mer NWNW 140FNL 555FWL	NM CHAVES Sec 28 T15S R29E Mer NMP NWNW 140FNL 555FWL
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- RVRS QUEEN GRAYBURG SAN ANDRES	RUSTLER YATES QUEEN GRAYBURG SAN ANDRES