

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT
NMOCD MAY 22 2017
Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM131580

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
PRINCE RUPERT FEDERAL 3H

9. API Well No.
30-005-64241-00-S1

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

11. Sec., T., R., M., or Block and Survey
or Area Sec 17 T15S R29E Mer NMP

12. County or Parish
CHAVES

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3780 GL

16. Date Completed
☐ D & A ☒ Ready to Prod.
04/12/2017

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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

b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

2. Name of Operator
MACK ENERGY CORPORATION Contact: ROBERT CHASE
E-Mail: JERRY@MEC.COM

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWSE 330FSL 2160FEL
At top prod interval reported below Sec 20 T15S R29E Mer NMP
SWSE 358FSL 2266FEL
At total depth Sec 20 T15S R29E Mer NMP
SWSE 259FSL 2267FEL

14. Date Spudded
02/14/2017

15. Date T.D. Reached
02/27/2017

18. Total Depth: MD 8233
TVD 3234

19. Plug Back T.D.: MD 8184
TVD 3234

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL DLL FDC GR

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	208		300	76	0	
8.500	5.500 P-110	17.0	0	5641				0	
8.500	7.000 P-110	26.0	5641	8233		1530	427	5641	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	2448							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3583	8133	3583 TO 8133	0.420	684	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
3583 TO 8133	1045BBLs 15% ACID, 7463BBLs SW, 64544BBLs CROSSLINK GEL, 223,859# 100 MESH, 517,659# WHITESAND 30/50

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
04/12/2017	04/12/2017	24	→	40.0	50.0	202.0	37.0	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	
			→	40	50	202	1250	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	
			→						

ACCEPTED FOR RECORD

SGD DAVID R. GLASS

MAY 17 2017

DAVID R. GLASS

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

ELECTRONIC SUBMISSION #375463 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE:
OCT 12 2017

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
QUATERNARY	0	95		RUSTLER	95
QUEEN	1684	1700	SAND, OIL/GAS/WATER	TOP OF SALT	210
SAN ANDRES	3583	8133	DOLOMITE, OIL/GAS/WATER	BASE OF SALT	810
				YATES	936
				SEVEN RIVERS	1173
				QUEEN	1661
				GRAYBURG	2162
				SAN ANDRES	2372

32. Additional remarks (include plugging procedure):

3/24-27/2017 PERFORATED 3583-8133.5' W/ 684 HOLES, SET PLUGS @ 3689', 3909', 4096', 4303', 4510', 4650', 4960', 5142', 5338', 5532', 5835', 6027', 6290', 6493', 6750', 6952', 7162', 7339', 7730', 7921', 8145'. FRAC W/1045BBLS 15% ACID, 7463BBLS SW, 64,544BBLS CROSSLINK GEL, 223,859# 100 MESH, 517,659# 30/50 WHITESAND, 2,518,809# 20/40 WHITESAND, 523,487# 20/40 SLC.
3/30-4/3/2017 TAGGED AND DRILLED OUT PLUG.
4/5/2017 RIH W/ 81 JTS 2 7/8 J-55 6.5# TBG @ 2448', CAVINS DESANDER @ 2528'.

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 #375463 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 05/09/2017 (17DRG0214SE)

Name (please print) DEANA WEAVER

Title PRODUCTION CLERK

Signature _____ (Electronic Submission)

Date 05/09/2017

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 ** REVISED ****