

NMOC NM OIL CONSERVATION

Artesia

ARTESIA DISTRICT

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

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 02 2017

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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: JERRYS@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 NESW 1650FSL 1650FWL
At top prod interval reported below NESW 1650FSL 1650FWL
At total depth NESW 1650FSL 1650FWL

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 2

9. API Well No. 30-005-64223-00-S1

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

11. Sec., T., R., M., or Block and Survey or Area Sec 20 T15S R29E Mer NMP

12. County or Parish CHAVES 13. State NM

14. Date Spudded 08/18/2016 15. Date T.D. Reached 08/21/2016 16. Date Completed D & A Ready to Prod. 01/05/2017

17. Elevations (DF, KB, RT, GL)* 3758 GL

18. Total Depth: MD 3497 TVD 3497 19. Plug Back T.D.: MD 3444 TVD 3444 20. Depth Bridge Plug Set: MD TVD

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

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
12.250	8.625 J-55	24.0	0	211		450	107	0	0
7.875	5.500 J-55	17.0	0	3492		725	182	0	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)
2.875	3301							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	2922	3319	2922 TO 3122	0.420	40	OPEN
B)			3145 TO 3319	0.420	40	OPEN
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
2922 TO 3319	2500GALS 15% ACID, 39,943# 100 MESH, 22,915BBLs SW, 490,220# 40/70 WS

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

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
01/07/2017	01/17/2017	24	→	60.0	70.0	400.0	37.2	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	
			→	60	70	400	1167	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
BY DAVID R. GLASS
JAN 24 2017

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #364655 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **
DAVID R. GLASS
PETROLEUM ENGINEER

RECLAMATION DUE:
JUL 05 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.)
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
QUATERNARY	0	80	SAND, OIL/GAS/WATER DOLOMINTE, OIL/GAS/WATER	YATES	837
QUEEN	1559	1569		SEVEN RIVERS	1070
SAN ANDRES	2860	3325		QUEEN	1559
				GRAYBURG	1953
				SAN ANDRES	2250

32. Additional remarks (include plugging procedure):

9/28/2016 PERFORATED 3145-3319' W/ 40 HOLES.
10/6/2016 SET PLUG @ 3130', PERFORATED 2922-3122.5' W/ 40 HOLES. FRAC W/ 2500GALS 15%
ACID, 22,915BBLs SW, 39,943# 100 MESH, 490,220# 40/70 WS.
1/4/2017 RIH w/ 101 jts 2 7/8 J-55, SN @ 3301', 2 1/2 x 2 x 16' pump.

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 #364655 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 01/24/2017 (17DRG0088SE)

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature _____ (Electronic Submission) Date 01/23/2017

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 ****