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ARTESIA

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DISTRICT II-ARTESIA O.C.D.

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM131583

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
PRINCE GEORGE FEDERAL COM 1H

9. API Well No.
30-005-64310-00-X1

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

11. Sec., T., R., M., or Block and Survey
or Area Sec 32 T15S R29E Mer NMP

12. County or Parish
CHAVES

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3783 GL

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 E-Mail: DWEAVER@MEC.COM

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 32 T15S R29E Mer NMP
NWNE 660FNL 2285FEL 32.977936 N Lat, 104.049667 W Lon
At top prod interval reported below SWSE 104FSL 2261FEL
Sec 29 T15S R29E Mer NMP
At total depth NWNE 4FNL 2281FEL

14. Date Spudded
07/30/2018

15. Date T.D. Reached
08/16/2018

16. Date Completed
☐ D & A ☒ Ready to Prod.
10/30/2018

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	260		650		0	
8.750	5.500 P-110	17.0	0	5407		1550		163	
8.750	7.000 LT&C	26.0	5407	8791				0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3.500	2470							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3647	8721	3647 TO 8721	0.420	624	OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
3647 TO 8721	3,248 BBLs 15% ACID, 60,525 BBLs SW, 47,222 BBLs 18# X-LINK, 442000# 100 MESH, 758,622# 30/50 WS

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/10/2018	11/13/2018	24	→	21.0	68.0	1733.0	36.2	1.50	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	
			→	21	68	1733	3238	ROW	

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 #445029 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation due: 05/10/2019

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.)
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	1657 3647	1672 8721	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/WATER	RUSTLER YATES SEVEN RIVERS QUEEN GRAYBURG	235 898 1136 1636 2038

32. Additional remarks (include plugging procedure):

9/21-10/17/2018 PERFORATED 3647-8721' W/ 624 HOLES. FRAC W/ 3,248BBLs 15% ACID, 60,525 BBLs SW, 47,222 BBLs 18# X-LINK, 442,000# 100 MESH, 758,622# 30/50 WS, 3,899,910# 20/40 WS, 623,060# 20/40 SLC.
10/29-30/2018 RIH w/ 75 jts 3 1/2" J-55 tubing, 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 #445029 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by JENNIFER SANCHEZ on 11/27/2018 (19JS0021SE)

Name (please print) DEANA WEAVERTitle PRODUCTION CLERKSignature (Electronic Submission)Date 11/26/2018

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 #445029

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM131583	NMNM131583
Agreement:		
Operator:	MACK ENERGY CORPORATON 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:	PRINCE GEORGE FEDERAL COM 1H	PRINCE GEORGE FEDERAL COM 1H
Location: State: County: S/T/R: Surf Loc:	NM CHAVES Sec 32 T15S R29E Mer NWNE 660FNL 2285FEL	NM CHAVES Sec 32 T15S R29E Mer NMP NWNE 660FNL 2285FEL 32.977936 N Lat, 104.049667 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:	RUSTLER TOP SALT BASE SALT YATES 7-RVRS QUEEN GRAYBURG SAN ANDRES	RUSTLER YATES SEVEN RIVERS QUEEN GRAYBURG