

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION
NM OIL DISTRICT

Artesia 31 2016

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

WELL COMPLETION OR RECOMPLETION REPORT AND RECEIVED

5. Lease Serial No.
NMNM1326731a. 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.
CALGARY FEDERAL 63. Address P.O. BOX 960
ARTESIA, NM 88211-09603a. Phone No. (include area code)
Ph: 575-748-12889. API Well No.
30-005-64194-00-S1

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

At surface SWNE 2310FNL 1945FEL

At top prod interval reported below SWNE 2277FNL 2284FEL

At total depth SWNE 2280FNL 2277FEL

10. Field and Pool, or Exploratory
ROUND TANK-SAN ANDRES11. Sec., T., R., M., or Block and Survey
or Area Sec 24 T15S R28E Mer NMP12. County or Parish
CHAVES13. State
NM14. Date Spudded
10/24/201415. Date T.D. Reached
10/27/201416. Date Completed
☐ D & A ☒ Ready to Prod.
09/13/201617. Elevations (DF, KB, RT, GL)*
3723 GL18. Total Depth: MD 3443
TVD 344319. Plug Back T.D.: MD 3393
TVD 339320. 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
12.250	8.625 J-55	32.0	0	421		500	118	0	0
7.875	5.500 L-80	17.0	0	3437		670	224	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	3243							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	2843	3219	2843 TO 3041	0.410	40	OPEN
B)			3070 TO 3219	0.410	40	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
2843 TO 3041	48BBLS ACID, 12,603BBLS SW, 20,000# 100 MESH, 259,401# WI 40/70
3070 TO 3219	40BBLS ACID, 11,216BBLS SW, 19,486# 100 MESH, 219,405# WI 40/70

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
10/19/2016	10/25/2016	24	→	58.0	30.0	400.0	36.1	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL 58	Gas MCF 30	Water BBL 400	Gas:Oil Ratio 517	Well Status 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 #355877 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** DAVID R. GLASS
PETROLEUM ENGINEERRECLAMATION DUE:
MAR 13 2017ACCEPTED FOR RECORD
10/19/2016
DAVID R. GLASS
OCT 25 2016

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Cont. 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 Cont. 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	744		YATES	744
QUEEN	1516	1533		SEVEN RIVERS	979
SAN ANDRES	2842	3352	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/WATER	QUEEN	1469
				GRAYBURG	1872
				SAN ANDRES	2214

32. Additional remarks (include plugging procedure):

8/5-8/2016 PERF 3070.5-3219' W/ 40 HOLES.
9/7/2016 SET PLUG @ 3060'. PERF 2843-3041.5' W/ 40 HOLES, FRAC W/ 88BBLs ACID, 23,819BBLs SW, 39,486# 100 MESH, 478,806# W/ 40/70.
9/12/2016 DRILLED OUT PLUG @ 3060'. RIH E/99JTS 2 7/8" J-55 TBG, SN @ 3243' 2 1/2X2X16" 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 #355877 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 10/25/2016 (17DRG0007SE)

Name (please print) DEANA WEAVERTitle PRODUCTION CLERK

Signature _____ (Electronic Submission)

Date 10/25/2016

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 ****