

NM OIL CONSERVATION
ARTESIA DISTRICT

NMOCD
Artesia

Form 3160-4
(August 2007)

DEC 15 2016
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMNM132673

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator MACK ENERGY CORPORATION E-Mail: JERRYS@MEC.COM			8. Lease Name and Well No. CALGARY FEDERAL 7		
3. Address P.O. BOX 960 ARTESIA, NM 88211-0960			9. API Well No. 30-005-64195-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENW 2310FNL 1600FWL At top prod interval reported below SENW 2310FNL 1600FWL At total depth SENW 2310FNL 1600FWL			10. Field and Pool, or Exploratory ROUND TANK-SAN ANDRES		
14. Date Spudded 11/04/2014			15. Date T.D. Reached 11/13/2014		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/06/2016			17. Elevations (DF, KB, RT, GL)* 3718 GL		
18. Total Depth: MD 3417 TVD 3417		19. Plug Back T.D.: MD 3350 TVD 3350		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNLDLFDGCR			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	32.0	0	421		795	188	0	0
7.875	5.500 L-80	17.0	0	3397		690	232	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	3154							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3040	3172	2857 TO 3007	0.410	40	OPEN
B)			3040 TO 3172	0.410	40	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
2857 TO 3172	2250GAL ACID 15%, 24821BBLs SW, 42272# 100 MESH, 488525# 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
11/06/2016	11/29/2016	24	→	39.0	3.0	500.0	36.2	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	
			→	39	3	500	769	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

/S/ DAVID R. GLASS
DEC 01 2016

DAVID R. GLASS

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

ELECTRONIC SUBMISSION #359298 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

PETROLEUM ENGINEER

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

RECLAMATION DUE:
MAY 01 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
QUEEN SAN ANDRES	1484 2830	1502 3310	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/WATER	YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	730 968 1461 1871 2217

32. Additional remarks (include plugging procedure):

9/9-13/16 PERFORATED 2857.5-3172.5' W/ 40 HOLES. FRAC W/ 2250GALS ACID 15%, 24,821BBLs
SW, 42272# 100 MESH, 488,525# W/ 40/70.
9/22/2016 RIH w/ 97/10 2 7/8 J-55 6.5#, SN @ 3154, 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 #359298 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 12/01/2016 (17DRG0026SE)

Name (please print) DEANA WEAVER

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 11/30/2016

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 ** REVISED **