

**NM OIL CONSERVATION**  
ARTESIA **NMOC**

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JAN 3 2018  
Artesia

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

**WELL COMPLETION OR RECOMPLETION REPORT**

5. Lease Serial No.  
NMNM131581

1a. 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.COM**

8. Lease Name and Well No.  
**WHITE ROCK FEDERAL 1H**

3. Address **P.O. BOX 960** 3a. Phone No. (include area code)  
**ARTESIA, NM 88211-0960** Ph: **575-748-1288**

9. API Well No. **30-005-64300**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 Sec 28 T15S R29E Mer  
 At surface **NWNW 140FNL 555FWL**  
 Sec 21 T15S R29E Mer  
 At top prod interval reported below **NWNW 379FSL 552FWL**  
 Sec 21 T15S R29E Mer  
 At total depth **NWNW 212FNL 341FWL**

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

11. Sec., T., R., M., or Block and Survey  
 or Area **Sec 28 T15S R29E Mer**

12. County or Parish **CHAVES** 13. State **NM**

14. Date Spudded **11/06/2017** 15. Date T.D. Reached **11/28/2017** 16. Date Completed  
 D & A  Ready to Prod.  
**12/16/2017**

17. Elevations (DF, KB, RT, GL)\*  
**3790 GL**

18. Total Depth: MD **8255** 19. Plug Back T.D.: MD **8205** 20. Depth Bridge Plug Set: MD  
 TVD **3,246.5'** 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
14.750	9.625 J-55	36.0	0	250		1090		0	
8.750	7.000 P-110	7.0	0	2747		1630		0	
8.750	5.500 P-110	17.0	2747	8255				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)
3.500	2588		2.875	2588				

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
<b>ROUND TANK SAN ANDRES</b>	3567	8133	3567 TO 8133	0.420	729	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3567 TO 8133	122BBLs ACID, 5699BBLs SW, 78,499# X-LINK, 344,397# 100 MESH, 724,817# WI 30/50, 3,014,464# WI 20/40

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
12/26/2017	12/27/2017	24	→	78.0	119.0	1905.0	35.2	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	
			→	78	119	1905	655	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**

JAN 3 2018  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #401165 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

Reclamation due: 06/26/2018

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	1666	1682	SAND/ OIL/ WATER/ GAS	RUSTLER	236
SAN ANDRES	3567	8133	DOLOMITE, OIL/ WATER/ GAS	TOP SALT	266
				BASE SALT	773
				YATES	924
				7- RVRS	1156
				QUEEN	1644
				GRAYBURG	2044
				SAN ANDRES	2352

32. Additional remarks (include plugging procedure):  
12/4-8/2017 PERFORATED 3567-8133' W/ 729 HOLES. FRAC W/ 1122BBLs ACID, 5699BBLs SW, 78,499# X-LINK, 344,397# 100 MESH, 724,817# WI 30/50, 3,014,464# WI 20/40, 553,131# SLC 20/40.  
12/11-16/2017 RIH W/ 80JTS 3 1/2" L-80 & 6JTS 2 7/8" J-55 @ 2588', DESANDER @ 2630' & STATOR @ 2599'. RIG DOWN.

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 #401165 Verified by the BLM Well Information System.  
For MACK ENERGY CORPORATION, sent to the Roswell  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 01/23/2018 ()**

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature (Electronic Submission) Date 01/17/2018

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.

## Revisions to Operator-Submitted EC Data for Well Completion #401165

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Lease:	NMNM131581	NMNM131581
Agreement:		
Operator:	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88211-0960 Ph: 575-748-1288	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88211-0960 Ph: 505-748-1288
Admin Contact:	ROBERT CHASE VICE PRESIDENT E-Mail: JERRYYS@MEC.COM  Ph: 575-748-1288	ROBERT CHASE VICE PRESIDENT E-Mail: JERRYYS@MEC.COM  Ph: 575-748-1288 Fx: 575-746-9539
Tech Contact:	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVR@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:	WHITE ROCK FEDERAL 1H	WHITE ROCK FEDERAL 1H
Location: State: County: S/T/R: Surf Loc:	NM CHAVES Sec 28 T15S R29E Mer NWNW 140FNL 555FWL	NM CHAVES Sec 28 T15S R29E Mer NMP NWNW 140FNL 555FWL
Field/Pool:	ROUND TANK SAN ANDRES	ROUND TANK-SAN ANDRES
Logs Run:	CNL, DLL, FDC, GR	CNL DLL FDC GR
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 QUEEN GRAYBURG SAN ANDRES