

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
NMOCD DISTRICT
Artesia 22 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND RECEIVED

5. Lease Serial No.
NMNM131581

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 Contact: DEANA WEAVER E-Mail: DWEAVER@MEC.COM		8. Lease Name and Well No. WHITE ROCK FEDERAL 2H	
3. Address P.O. BOX 960 ARTESIA, NM 88211-0960		9. API Well No. 30-005-64301-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENW 140FNL 1675FWL 32.993801 N Lat, 104.036537 W Lon At top prod interval reported below Sec 21 T15S R29E Mer NMP At total depth Sec 21 T15S R29E Mer NMP NENW 219FNL 1679FWL		10. Field and Pool, or Exploratory ROUND TANK-SAN ANDRES	
14. Date Spudded 05/16/2018		15. Date T.D. Reached 05/31/2018	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/11/2018		17. Elevations (DF, KB, RT, GL)* 3806 GL	
18. Total Depth: MD TVD 8210 3220		19. Plug Back T.D.: MD TVD 8166	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNLDLLFDCGR	
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 type="checkbox"/> No <input checked="" 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	9.625 J55	36.0	0	195		675	650	0	0
8.750	5.500 P110	17.0	0	8210		1680		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)
3.500	2695							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3350	8101	3350 TO 8101	0.420	24	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3350 TO 8101	1180BBLs ACID 15%, 6384BBLs SW, 47,365BBLs HVFR SW, 45,041# X-LINK, 348,534# 100-MESH.

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
07/14/2018	07/22/2018	24	→	30.0	160.0	1269.0	35.7	35.00	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Temp	POW
			→	30	160	1269	5333		

28a. Production - Interval B

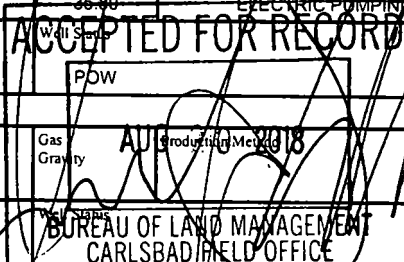
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Temp	POW
			→						

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

ELECTRONIC SUBMISSION #431859 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due: 01/11/2018



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 SAN ANDRES	1674 3060	1689 3600	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/WATER	YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	959 1187 1674 2075 2376

32. Additional remarks (include plugging procedure):

6/25-7/7/2018 Perforated 3350-8101' w/ 552 holes. Frac w/ 1,180 bbls Acid 15%, 6384 bbls SW, 47,365 bbls HVFR SW, 45,041# X-Link, 348,534# 100-Mesh, 662,486# WS 30/50, 3,230,862# WS 20/40, 606,686# SLC 20/40.
7/12/2018 RIH w/ 1jt 2 7/8", 3 1/2" x4' evolution PC pump gas separator, 3 1/2" x 4' sub, 3 1/2" x 7" cam lock, Dnow Stator, 3 1/2" x 6' sub and 80jts 3 1/2" J-55 tubing, EOT @ 2604', Cam lock @ 2642', gas sep @ 2649', end of string @ 2695'.

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 #431859 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by JENNIFER SANCHEZ on 08/20/2018 (18JS0178SE)

Name (please print) DEANA WEAVERTitle PRODUCTION CLERKSignature (Electronic Submission)Date 08/20/2018

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 ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #431859

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM131581	NMNM131581
Agreement:		
Operator:	MACK ENERGY CORPORATION 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:	WHITE ROCK FEDERAL 2H	WHITE ROCK FEDERAL 2H
Location: State: County: S/T/R: Surf Loc:	NM CHAVES Sec 28 T15S R29E Mer NENW 140FNL 1675FWL	NM CHAVES Sec 28 T15S R29E Mer NMP NENW 140FNL 1675FWL 32.993801 N Lat, 104.036537 W Lon
Field/Pool:	ROUND TANK SAN ANDRES	ROUND TANK-SAN ANDRES
Logs Run:	CNL DLL FDC GR	CNLDLLFDCGR
Producing Intervals - Formations:	ROUND TANK SAN ANDRES	SAN ANDRES
Porous Zones:	QUEEN SAN ANDRES	QUEEN SAN ANDRES
Markers:	YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES