

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-15  
Revised August 1, 2011

JAN 18 2018

Submit one copy to appropriate District Office

RECEIVED

☐ AMENDED REPORT

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address Mack Energy Coporation P.O. Box 960 Artesia, NM 88210		2 OGRID Number 013837
		3 Reason for Filing Code/ Effective Date NW
4 API Number 30-005-64300	5 Pool Name Round Tank; San Andres	6 Pool Code 52770
7 Property Code 314853	8 Property Name White Rock Federal	9 Well Number 1H

II. <sup>10</sup> Surface Location

UI or lot no. D	Section 28	Township 15S	Range 29E	Lot Idn	Feet from the 140	North/South Line North	Feet from the 555	East/West line West	County Chaves, NM
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11. Bottom Hole Location

UL or lot no. D	Section 21	Township 15S	Range 29E	Lot Idn	Feet from the 212	North/South line North	Feet from the 341	East/West line West	County Chaves, NM
12 Lse Code F	13 Producing Method Code P	14 Gas Connection Date 1/5/18	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 O/G/W
278421	Holly Marketing & Refining Co LLC P.O. Box 1600 Artesia, NM 88211-1600	O
036788	DCP Midstream 4001 Penbrook Odessa, TX 79762	G

IV. Well Completion Data

21 Spud Date 11/6/2017	22 Ready Date 12/16/2017	23 TD 8255' / 3172	24 PBTB 8205'	25 Perforations 3567-8133'	26 DHC, MC
27 Hole Size 14 3/4"	28 Casing & Tubing Size 9 5/8" J-55	29 Depth Set 250'	30 Sacks Cement 1090sx		
8 3/4"	5 1/2" P-110 & 7" P-110	8255'	1630sx		
	3 1/2" L-80 & 2 7/8" J-55 (Tubing)	2588'			

V. Well Test Data

31 Date New Oil 12/26/17	32 Gas Delivery Date 1/5/18	33 Test Date 12/27/2017	34 Test Length 24 hours	35 Tbg. Pressure	36 Csg. Pressure
37 Choke Size 78	38 Oil	39 Water 1905	40 Gas 119		41 Test Method pumping

42 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Deana Weaver

Printed name:

Deana Weaver

Title:

Production Clerk

E-mail Address:

Dweaver@mec.com

Date:

1.17.18

Phone:

(575) 748-1288

OIL CONSERVATION DIVISION

Approved by:

Raymond W. Bodany

Title:

Geologist

Approval Date:

1-22-2018

Pending BLM approvals will subsequently be reviewed and scanned



# NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 18 2018

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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: JERRY@MEC.COM

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

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

3a. Phone No. (include area code)  
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  
TVD 8255  
3172

19. Plug Back T.D.: MD  
TVD 8205

20. Depth Bridge Plug Set: MD  
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
ROUND TANK SAN ANDRES	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	
			→						

Pending BLM approvals will  
subsequently be reviewed  
and scanned

SC 1-23-18

(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 \*\*

## 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

Name (please print) DEANA WEAVERTitle 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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 20185. Lease Serial No.  
NMNM131581

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
WHITE ROCK FEDERAL 12. Name of Operator  
MACK ENERGY CORPORATION  
Contact: ROBERT CHASE  
E-Mail: JERRYS@MEC.COM9. API Well No.  
30-005-643003a. Address  
P.O. BOX 960  
ARTESIA, NM 882103b. Phone No. (include area code)  
Ph: 575-748-128810. Field and Pool or Exploratory Area  
ROUND TANK SAN ANDRES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 28 T15S R29E NWNW 140FNL 555FWL

11. County or Parish, State  
CHAVES COUNTY, NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

12/4-8/2017 PERFORATED 3567-8133' W/ 729 HOLES. FRAC W/ 1122 BBLS ACID, 5699 BBLS 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" L80 & 6JTS 2 7/8" J-55 TBG @ 2588', DESANDER @ 2630', STATOR @ 2599'. RIG DOWN.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JAN 18 2018

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14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #401162 verified by the BLM Well Information System  
For MACK ENERGY CORPORATION, sent to the Roswell**

Name (Printed/Typed) DEANA WEAVER

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 01/17/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_  
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title \_\_\_\_\_  
Office \_\_\_\_\_  
Pending BLM approvals will subsequently be reviewed and scanned

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly States any false, fictitious or fraudulent statements or representations as to any matter within its jurisd

(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***