

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

Form C-104  
Revised August 1, 2011

Oil Conservation Division  
1220 South St. Francis Dr.

Submit one copy to appropriate District Office

☐ AMENDED REPORT

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 30-005-64310	5 Pool Name Round Tank; San Andres	6 Pool Code 52770
7 Property Code 320814	8 Property Name Prince George Federal Com	9 Well Number 1H

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

UI or lot no. B	Section 32	Township 15S	Range 29E	Lot Idn	Feet from the 660	North/South Line North	Feet from the 2285	East/West line East	County Chaves, NM
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11. Bottom Hole Location

UL or lot no. B	Section 29	Township 15S	Range 29E	Lot Idn 4	Feet from the 4	North/South line North	Feet from the 2281	East/West line East	County Chaves, NM
12 Lse Code F	13 Producing Method Code P	14 Gas Connection Date 11/10/2018	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
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IV. Well Completion Data

21 Spud Date 7/30/2018	22 Ready Date 10/30/2018	23 TD 8792' / 3217	24 PBDT 8747'	25 Perforations 3647-8721	26 DHC, MC
27 Hole Size 17 1/2"	28 Casing & Tubing Size 13 3/8"	29 Depth Set 260'	30 Sacks Cement 650sx - CMC		
8 3/4"	5 1/2" 17# 7" & 5 1/2" HCP 110 720#	0-5407 5407-8791	TOC by CBL 163'		
	3 1/2" J-55 (tubing)	2470'			

V. Well Test Data

31 Date New Oil 11/13/2018	32 Gas Delivery Date 11/10/2018	33 Test Date 11/13/2018	34 Test Length 24 hours	35 Tbg. Pressure	36 Csg. Pressure
37 Choke Size 21	38 Oil	39 Water 68	40 Gas 1733		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

Printed name:  
Deana Weaver

Title:  
Production Clerk

E-mail Address:  
dweaver@mec.com

Date: 11-26-18 Phone: (575) 748-1288

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will subsequently be reviewed and scanned

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Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

DISTRICT II-ARTESIA O.C.B.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM1315831a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. 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 CORPORATON Contact: DEANA WEAVER  
E-Mail: DWEAVER@MEC.COM8. Lease Name and Well No.  
PRINCE GEORGE FEDERAL COM 1H3. Address P.O. BOX 960  
ARTESIA, NM 882103a. Phone No. (include area code)  
Ph: 575-748-12889. API Well No.  
30-005-64310

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

At surface Sec 32 T15S R29E Mer  
NWNE 660FNL 2285FELAt top prod interval reported below Sec 29 T15S R29E Mer  
SWSE 104FSL 2261FELAt total depth Sec 29 T15S R29E Mer  
NWNE 4FNL 2281FEL10. Field and Pool, or Exploratory  
ROUND TANK; SAN ANDRES11. Sec., T., R., M., or Block and Survey  
or Area Sec 32 T15S R29E Mer12. County or Parish  
CHAVES13. State  
NM14. Date Spudded  
07/30/201815. Date T.D. Reached  
08/16/201816. Date Completed  
☐ D & A ☒ Ready to Prod.  
10/30/201817. Elevations (DF, KB, RT, GL)\*  
3783 GL18. Total Depth: MD 8792  
TVD 321719. Plug Back T.D.: MD 8747  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

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
17.500	13.375 J55	48.0	0	260		650		0	
8.750	5.500 P-110	17.0	0	5407		1550		163	
8.750	7.000 LT&C	26.0	5407	8791				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	2470							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
ROUND TANK; SAN ANDRES	3647	8721	3647 TO 8721	0.420	624	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3647 TO 8721	3,248 BBLs 15% ACID, 60,525 BBLs SW, 47,222 BBLs 18# X-LINK, 442000# 100 MESH, 758,622# 30/50 WS

## 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
11/10/2018	11/13/2018	24	→	21.0	68.0	1733.0	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	
			→	21	68	1733	3238	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	
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		
			→						

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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

ELECTRONIC SUBMISSION #445029 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

\*\* 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 SAN ANDRES	1657 3647	1672 8721	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/WATER	RUSTLER TOP SALT BASE SALT YATES 7-RVRS QUEEN GRAYBURG SAN ANDRES	235 382 748 898 1136 1636 2038 2359

## 32. Additional remarks (include plugging procedure):

9/21-10/17/2018 PERFORATED 3647-8721' W/ 624 HOLES. FRAC W/ 3,248BBLs 15% ACID, 60,525 BBLs SW, 47,222 BBLs 18# X-LINK, 442,000# 100 MESH, 758,622# 30/50 WS, 3,899,910# 20/40 WS, 623,060# 20/40 SLC.  
10/29-30/2018 RIH w/ 75 jts 3 1/2" J-55 tubing, bull plug @ 2579', Cam lock @ 2524', Stator @ 2470'.

## 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 #445029 Verified by the BLM Well Information System.  
For MACK ENERGY CORPORATON, sent to the Roswell

Name (please print) DEANA WEAVERTitle PRODUCTION CLERK

Signature \_\_\_\_\_ (Electronic Submission)

Date 11/26/2018

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 MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. PRINCE GEORGE FEDERAL COM 1H
2. Name of Operator MACK ENERGY CORPORATION		9. API Well No. 30-005-64310
3a. Address P.O. BOX 960 ARTESIA, NM 88210		10. Field and Pool or Exploratory Area ROUND TANK; SAN ANDRES
3b. Phone No. (include area code) Ph: 575-748-1288		11. County or Parish, State CHAVES COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 32 T15S R29E NWNE 660FNL 2285FEL		

**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.

9/21-10/18/2018 Perforated 3647-8721' w/ 624 holes. Frac w/ 3248 bbls 15% acid, 60,525 bbls SW, 47,222 bbls 18# X-Link, 442,000# 100 Mesh, 758,622# 30/50 WS, 3,899,910# WS, 623,060# 20/40 SLC. 10/29-30/2018 RIH w/ 75jts 3 1/2" J-55 tubing, bull plug @ 2579', cam lock @ 2524', stator @ 2470'.

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DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #445031 verified by the BLM Well Information System For MACK ENERGY CORPORATION, sent to the Roswell</b>	
Name (Printed/Typed) DEANA WEAVER	Title PRODUCTION CLERK
Signature (Electronic Submission)	Date 11/26/2018

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

Approved By _____	Title _____
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.	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 at-  
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United