

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

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

RECEIVED

FORM C-104  
Revised August 1, 2011

OCT 25 2018

Submit a copy to appropriate District Office

DISTRICT II-ARTESIA O.C.D.  AMENDED REPORT

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
4 API Number <i>64311</i> 30-005-564311		3 Reason for Filing Code/ Effective Date NW
5 Pool Name Round Tank; San Andres		6 Pool Code 52770
7 Property Code 321210	8 Property Name Chilliwack Federal Com	9 Well Number 1H

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

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	17	15S	29E		810	South	965	West	Chaves, NM

III. Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	15S	29E		7	South	962	West	Chaves, NM
12 Lse Code F	13 Producing Method Code P	14 Gas Connection Date 10/21/2018	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

IV. Well Completion Data

21 Spud Date	22 Ready Date	23 TD	24 PBTD	25 Perforations	26 DHC, MC
6/5/2018	10/5/2018	8968' / <i>3167</i>	8926'	3470-8820'	
27 Hole Size	28 Casing & Tubing Size	29 Depth Set	30 Sacks Cement		
17 1/2"	13 3/8"	225'	590SX - <i>one</i>		
8 3/4"	<i>5 1/2" 17# P110 - 0 - 3278</i> <i>7" 26# P110 3278 -</i>	8968'	1940SX - <i>TOC 740'</i>		
	3 1/2" J-55 (tubing)	2470'			

V. Well Test Data

31 Date New Oil	32 Gas Delivery Date	33 Test Date	34 Test Length	35 Tbg. Pressure	36 Csg. Pressure
10/21/2018	10/21/2018	10/21/2018	24 hours		
37 Choke Size	38 Oil	39 Water	40 Gas	41 Test Method	
50		1312	10	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: 10.22.18

Phone: (575) 748-1288

OIL CONSERVATION DIVISION

Approved by: *Rusty Klaus*

Title: *Business Ops Spec A*

Approval Date: *10-25-2018*

Pending BLM approvals will subsequently be reviewed and scanned

ENTERED *up*

OCT 23 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
DISTRICT II ARTESIA O.C.D.

5. Lease Serial No. NMNM121949

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. CHILLIWACK FEDERAL COM 1H

9. API Well No. 30-005-64311

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

11. Sec., T., R., M., or Block and Survey or Area Sec 17 T15S R29E Mer

12. County or Parish CHAVES 13. State NM

17. Elevations (DF, KB, RT, GL)\* 3781 GL

18. Total Depth: MD 8968 19. Plug Back T.D.: MD 8926  
TVD 3167 TVD 3167 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & 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	225		590		0	
8.750	5.500 P110	17.0	740	3278		1940		740	
8.750	7.000 P110	26.0	3278	8968					

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	3470	8820	3470 TO 8820	0.410	648	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3470 TO 8820	1220BBLs 15% ACID, 61,548BBLs SW, 26215BBLs 20# X-LINK, 19011BBLs 18# X-LINK, 415622# 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
10/21/2018	10/21/2018	24	→	50.0	10.0	1312.0	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	
	SI		→	50	10	1312	200	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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	
	SI		→					

Pending BLM approvals will subsequently be reviewed and scanned  
10-25-18

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

ELECTRONIC SUBMISSION #440629 VERIFIED BY THE BLM WELL INFORMATION!

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

...R-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	1669 2970	1686 8820	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/ WATER	QUEEN GRAYBURG SAN ANDRES	1645 2036 2353

32. Additional remarks (include plugging procedure):

7/2-9/28/2018 PERFORATED 3470-8820' W/ 648 HOLES. FRAC W/ 1,220 BBLs 15% ACID, 26,215 BBLs 20# X-LINK, 19,011 BBLs 18# X-LINK, 61,548 BBLs SW, 415,622# 100 MESH, 7,33,170# 30/50 WS, 3,537,077# 20/40 WS, 749,918 20/40 SLC.  
10/4/2018 RIH W/ 75JTS 3 1/2" J-55, 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 #440629 Verified by the BLM Well Information System.  
For MACK ENERGY CORPORATION, sent to the Roswell**

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature (Electronic Submission) Date 10/22/2018

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

OCT 23 2018

FORM 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.*

5. Lease Serial No.  
NMNM121949

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**

8. Well Name and No.  
CHILLIWACK FEDERAL COM 1H

9. API Well No.  
30-005-64311

10. Field and Pool or Exploratory Area  
ROUND TANK; SAN ANDRES

11. County or Parish, State  
CHAVES COUNTY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
MACK ENERGY CORPORATON  
Contact: DEANA WEAVER  
E-Mail: DWEAVER@MEC.COM

3a. Address  
P.O. BOX 960  
ARTESIA, NM 88210

3b. Phone No. (include area code)  
Ph: 575-748-1288

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 17 T15S R29E SWSW 810FSL 965FWL

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.

7/2-9/28/2018 PERFORATED 3470-8820' W/ 648 HOLE. FRAC W/ 1,220 BBLS 15% ACID, 19,011 BBLS 18# X-LINK, 26,215 BBLS 20# X-LINK, 415,622# 100 MESH, 61,548 BBLS SW, 749,918# 20/40 SLC, 3,537,077# 20/40 WS, 733,170# 30/50 WS.  
10/4/2018 RIH W/ 75JTS 3 1/2" J-55 BULL PLUG @ 2579', CAM LOCK @ 2524', STATOR @ 2470'.

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

**Electronic Submission #440631 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 10/22/2018

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

Pending BLM approvals will subsequently be reviewed and scanned  
10-25-18

(Instructions on page 2)

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