

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

Submit a copy to appropriate District Office
OCT 23 2018

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

II. ¹⁰ Surface Location

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

II. Bottom Hole Location

UL or lot no. M	Section 20	Township 15S	Range 29E	Lot Idn	Feet from the 7	North/South line South	Feet from the 962	East/West line West	County 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 6/5/2018	22 Ready Date 10/5/2018	23 TD 8968'	24 PBTD 8926'	25 Perforations 3470-8820'	26 DHC, MC
27 Hole Size 17 1/2"	28 Casing & Tubing Size 13 3/8"	29 Depth Set 225'	30 Sacks Cement 590SX - CUC		
8 3/4"	5 1/2" 517# P110 - 0 - 3278 7" 26# P110 3278 -	8968'	1940SX - TOC 740'		
	3 1/2" J-55 (tubing)	2470'			

V. Well Test Data

31 Date New Oil 10/21/2018	32 Gas Delivery Date 10/21/2018	33 Test Date 10/21/2018	34 Test Length 24 hours	35 Tbg. Pressure	36 Csg. Pressure
37 Choke Size 50	38 Oil	39 Water 1312	40 Gas 10		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		OIL CONSERVATION DIVISION Approved by: Rusty Glas Title: Business Ops Spec A Approval Date: 10-25-2018	
Printed name: Deana Weaver			
Title: Production Clerk			
E-mail Address: dweaver@mec.com			
Date: 10.22.18	Phone: (575) 748-1288		

Pending BLM approvals will
subsequently be reviewed
and scanned

ENTERED
up

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 23 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DISTRICT II ARTESIA O.C.D.

5. Lease Serial No.
NMNM1219491a. 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 CORPORATION Contact: DEANA WEAVER
E-Mail: DWEAVER@MEC.COM8. Lease Name and Well No.
CHILLIWACK FEDERAL COM 1H3. Address P.O. BOX 960
ARTESIA, NM 882103a. Phone No. (include area code)
Ph: 575-748-12889. API Well No.
30-005-64311

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

At surface Sec 17 T15S R29E Mer
SWSW 810FSL 965FWL
At top prod interval reported below Sec 17 T15S R29E Mer
SWSW 229FSL 951FWL
At total depth Sec 20 T15S R29E Mer
SWSW 7FSL 962FWL10. Field and Pool, or Exploratory
ROUND TANK; SAN ANDRES11. Sec., T., R., M., or Block and Survey
or Area Sec 17 T15S R29E Mer12. County or Parish
CHAVES 13. State
NM14. Date Spudded
06/05/201815. Date T.D. Reached
06/16/201816. Date Completed
☐ D & A ☒ Ready to Prod.
10/05/201817. Elevations (DF, KB, RT, GL)*
3781 GL18. Total Depth: MD 8968
TVD 316719. Plug Back T.D.: MD 8926
TVD 316720. 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	
			→	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 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	
			→						

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

ELECTRONIC SUBMISSION #440629 VERIFIED BY THE BLM WELL INFORMATION!

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED

...OR-SUBMITTED **

Pending BLM approvals will
subsequently be reviewed
and scanned

10-25-18

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 WEAVERTitle PRODUCTION CLERKSignature (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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

CHILLIWACK FEDERAL COM 1H

2. Name of Operator

MACK ENERGY CORPORATON

Contact: DEANA WEAVER

E-Mail: DWEAVER@MEC.COM

9. API Well No.

30-005-64311

3a. Address

P.O. BOX 960
ARTESIA, NM 88210

3b. Phone No. (include area code)

Ph: 575-748-1288

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

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

Sec 17 T15S R29E SWSW 810FSL 965FWL

11. County or Parish, State

CHAVES COUNTY 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 recompleat 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 recompleat 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 CORPORATON, 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

Pending BLM approvals will
subsequently be reviewed
and scannedTitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person known
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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