

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.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

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 30-005-64320		3 Reason for Filing Code/ Effective Date NW
5 Pool Name Round Tank; San Andres <i>NSL 7786</i>		6 Pool Code 52770
7 Property Code 314080	8 Property Name Prince Rupert Federal	9 Well Number 4H

II. ¹⁰Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
O	17	15S	29E		565	South	1675	East	Chaves, NM

11. 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
O	20	15S	29E		13	South	1717	East	Chaves, NM
12 Lse Code F	13 Producing Method Code P	14 Gas Connection Date 1/10/2019		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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DISTRICT II-ARTESIA O.C.D.

IV. Well Completion Data

21 Spud Date	22 Ready Date	23 TD	24 PBDT	25 Perforations	26 DHC, MC
10/14/2018	12/15/2018	8775' / <i>3258</i>	8751'	3626-8733'	
27 Hole Size	28 Casing & Tubing Size	29 Depth Set	30 Sacks Cement		
17 1/2"	13 3/8"	237'	300sx - <i>cur</i>		
12 1/4"	9 5/8"	1195'	760sx - <i>cur</i>		
8 3/4"	7" & 5 1/2" HCP-110 <i>7' 26" 0-3299</i> <i>5 1/2" 1748775-3299-8775</i>	2503'	4740sx <i>4690 - cur</i>		
	3 1/2" J-55 (tubing)				

V. Well Test Data

31 Date New Oil	32 Gas Delivery Date	33 Test Date	34 Test Length	35 Tbg. Pressure	36 Csg. Pressure
1/10/2019	1/10/2019	1/10/2019	24 hours		
37 Choke Size	38 Oil	39 Water	40 Gas	41 Test Method	
266		980	117	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: 1/15/2019 Phone: (575) 748-1288

OIL CONSERVATION DIVISION

Approved by:

Rusty Kline
Business Ops Spec A

Approval Date:

1-30-2019

Pending BLM approvals will subsequently be reviewed and scanned

JAN 16 2019

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DISTRICT II-ARTESIA O.C.D. WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. Lease Serial No. MNM131580

1a. Type of Well [X] Oil Well [] Gas Well [] Dry [] Other
b. Type of Completion [X] 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.COM

8. Lease Name and Well No. PRINCE RUPERT FEDERAL 4H

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

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

9. API Well No. 30-005-64320

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWSE 565FSL 1675FEL
At top prod interval reported below NWNE 100FNL 1718FEL
At total depth SWSE 13FSL 1717FEL

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

14. Date Spudded 10/14/2018

15. Date T.D. Reached 10/26/2018 - RE 10-24-18 TO

16. Date Completed [] D & A [X] Ready to Prod. 12/15/2018

17. Elevations (DF, KB, RT, GL)* 3788 GL

18. Total Depth: MD 8775 TVD 3258

19. Plug Back T.D.: MD 8751 TVD

20. Depth Bridge Plug Set: MD TVD

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

22. Was well cored? [X] No [] Yes (Submit analysis)
Was DST run? [X] No [] Yes (Submit analysis)
Directional Survey? [] No [X] Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Table with columns: 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. Includes handwritten entries for hole sizes 17.500, 12.250, 8.750, 8.750.

24. Tubing Record

Table with columns: Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD). Includes handwritten entry for size 3.500.

25. Producing Intervals

26. Perforation Record

Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status. Includes handwritten entry for ROUND TANK; SAN ANDRES.

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

Table with columns: Depth Interval, Amount and Type of Material. Includes handwritten entry for 3626 TO 8733.

28. Production - Interval A

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method. Includes handwritten entries for 01/10/2019 and 24 hours.

28a. Production - Interval B

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method. Includes handwritten entries for 01/10/2019 and 24 hours.

Pending BLM approvals will subsequently be reviewed and scanned 1/31/19

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	1747	1765	SAND, OIL/GAS/WATER	YATES - EST	994
SAN ANDRES	3626	8733	DOLOMITE, OIL/GAS/WATER	7RVRS- EST	1228
				QUEEN- EST	1716
				GRAYBURG- EST	2109
				SAN ANDRES-EST	2426

32. Additional remarks (include plugging procedure):

11/27/2018- 12/15/2018 Perforated 3626-8733' w/ 1248 hole. Frac w/ 3,232bbls 15% Acid, 6,191bbls SW, 89,981bbls 20# X-Link, 381,738# 100 Mesh, 698,555# 30/50 WS, 3,330,049# 20/40 WS, 654,316# SLC 20/40. RIH w/ 74jts 3 1/2" J-55 tubing, top of pump @ 2,503'.

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 #450676 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 01/15/2019

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No. NMNM131580
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No.
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 RUPERT FEDERAL 4H	
2. Name of Operator MACK ENERGY CORPORATION	Contact: DEANA WEAVER E-Mail: dweaver@mec.com	9. API Well No. 30-005-64320
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 SWSE 565FSL 1675FEL		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 Production Start-up
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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.

11/27/2018-12/15/2018 Perforated 3626-8733' w/ 1248 holes. Frac w/ 3,232bbbls 15% Acid, 6,191bbbls SW, 89,981bbbls 20# XLink, 381,738# 100 Mesh, 698,555# 30/50 WS, 3,330,049# 20/40 WS, 654,316# 20/40 SLC. RIH w/ 74jts 3 1/2" J-55 tubing, top of pump @ 2503'.

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DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #450678 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 01/15/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Pending BLM approvals will subsequently be reviewed and scanned <i>1-30-19</i>
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 and 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 ****