

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
		3 Reason for Filing Code/ Effective Date NW
4 API Number 30-005-64222	5 Pool Name Round Tank; San Andres	6 Pool Code 52770
7 Property Code 314080	8 Property Name Prince Rupert Federal	9 Well Number 1

II. ¹⁰Surface Location

UI or lot no. L	Section 20	Township 15S	Range 29E	Lot Idn	Feet from the 1900	North/South Line South	Feet from the 330	East/West line West	County Chaves, NM
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------------

11. Bottom Hole Location

UL or lot no. L	Section 20	Township 15S	Range 29E	Lot Idn	Feet from the 1649	North/South line South	Feet from the 356	East/West line West	County Chaves, NM
12 Lse Code F	13 Producing Method Code P	14 Gas Connection Date 10/8/2016	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
NM OIL CONSERVATION ARTESIA DISTRICT OCT 20 2016 RECEIVED		

IV. Well Completion Data

21 Spud Date 8/12/2016	22 Ready Date 9/27/2016	23 TD 3497' / 3478	24 PBTD 3437'	25 Perforations 2870.5-3323.5'	26 DHC, MC
27 Hole Size 12 1/4"	28 Casing & Tubing Size 8 5/8" J-55	29 Depth Set 205'	30 Sacks Cement 640sx		
7 7/8"	5 1/2" J-55	3485'	325sx		
	2 7/8" L-80 (Tubing)	3337'			

V. Well Test Data

31 Date New Oil 10/11/2016	32 Gas Delivery Date 10/8/2016	33 Test Date 10/11/16	34 Test Length 24 hours	35 Tbg. Pressure	36 Csg. Pressure
37 Choke Size 44	38 Oil	39 Water 400	40 Gas 62		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:
10.19.16

Phone:
575-748-1288

OIL CONSERVATION DIVISION

Approved by:

Karen Sharp

Title:

Bus Oper Spec-Adv

Approval Date:

10-20-16

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.
NMNM131580

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
PRINCE RUPERT FEDERAL 1

2. Name of Operator
MACK ENERGY CORPORATION
Contact: ROBERT CHASE
E-Mail: JERRYS@MEC.COM

9. API Well No.
30-005-64222

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

3b. Phone No. (include area code)
Ph: 575-748-1288
Fx: 575-746-9539

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 20 T15S R29E NWSW 1900FSL 330FWL

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

12. CHECK 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"/> Fracture Treat	<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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

9/19-22/2016 PERFORATED 3132.5-3323.5' & 2870.5-3106' W/ 40 HOLES. ACIDIZED 47BBLS 15% ACID, SET PLUG @ 3120. FRAC W/ 24,651BBLS SW, 40,080# 100 MESH, 494,970# 40/70 WI.
9/26/2016 Drilled out plug @ 3120'.
9/27/2016 RIH w/ 102jts 2 7/8", 6.5# tbg, SN @ 3337', 2 1/2x2x16' pump.

NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 20 2016

RECEIVED

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

**Electronic Submission #355267 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 10/19/2016

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 know States any false, fictitious or fraudulent statements or representations as to any matter within its jur

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

NM OIL CONSERVATION **ARTESIA DISTRICT** (August 2008)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

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

OCT 20 2016

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
 NNMN131580

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 E-Mail: JERRYS@MEC.COM

8. Lease Name and Well No.
 PRINCE RUPERT FEDERAL 1

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

9. API Well No.
 30-005-64222

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

At surface NWSW 1900FSL 330FWL

At top prod interval reported below NWSW 1642FSL 360FWL

At total depth NWSW 1649FSL 356FWL

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

11. Sec., T., R., M., or Block and Survey
 or Area Sec 20 T15S R29E Mer

12. County or Parish
 CHAVES

13. State
 NM

14. Date Spudded
 08/12/2016

15. Date T.D. Reached
 08/15/2016

16. Date Completed
☐ D & A ☒ Ready to Prod.
 09/27/2016

17. Elevations (DF, KB, RT, GL)*
 3749 GL

18. Total Depth: MD 3497
 TVD

19. Plug Back T.D.: MD 3437
 TVD

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
12.250	8.625 J-55	24.0	0	205		640		0	0
7.875	5.500 J-55	17.0	0	3497		325		0	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)
2.875	3337							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
ROUND TANK SAN ANDRES	2870	3323	2870 TO 3106	0.410	40	OPEN
B)			3132 TO 3323	0.410	40	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
2870 TO 3323	47BBLS 15% ACID, 24,651BBLS SW, 40080# 100 MESH, 494,970# WI 40/70

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
10/08/2016	10/11/2016	24	→	44.0	62.0	400.0	37.2	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	
			→	44	62	400	1409	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

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

ELECTRONIC SUBMISSION #355268 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	1554	1569	SAND, OIL/GAS/WATER	YATES	824
SAN ANDRES	2860	3325	DOLOMITE, OIL/GAS/WATER	7-RIVERS	1059
				QUEEN	1554
				GRAYBURG	1950
				SAN ANDRES	2252

32. Additional remarks (include plugging procedure):

9/19-22/2016 PERFORATED 3132.5-3323.5' & 2870.5-3106' W/ 40 HOLES. ACIDIZED 47BBLs 15% ACID, SET PLUG @ 3120'. FRAC W/ 24,651BBLs SW, 40,080# 100 MESH, 494,970# W/ 40/70.
9/26/2016 Drilled out plug @ 3120'.
9/27/2016 RIH w/ 2 7/8", 6.5@ tbg, SN @ 3337', 2 1/2x2x16' pump.

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 #355268 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 10/19/2016

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 **