

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 30-005-64241	5 Pool Name Round Tank; San Andres	6 Pool Code 52770
7 Property Code 314080	8 Property Name Prince Rupert Federal	9 Well Number 3H

II. ¹⁰Surface Location

UI or lot no. O	Section 17	Township 15S	Range 29E	Lot Idn	Feet from the 330	North/South Line South	Feet from the 2160	East/West line East	County Chaves, NM
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11. Bottom Hole Location

UL or lot no. O	Section 20	Township 15S	Range 29E	Lot Idn	Feet from the 259	North/South line South	Feet from the 2267	East/West line East	County Chaves, NM
12 Lse Code F	13 Producing Method Code Pumping	14 Gas Connection Date 4/12/2017	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 MAY 10 2017 RECEIVED		

IV. Well Completion Data

21 Spud Date 2/14/2017	22 Ready Date 4/7/2017	23 TD 8233'	24 PBTD 8184'	25 Perforations 3583-8133.5'	26 DHC, MC
27 Hole Size 14 3/4"	28 Casing & Tubing Size 9 5/8" J-55	29 Depth Set 208'	30 Sacks Cement 300sx		
8 1/2"	5 1/2" P-110 & 7" P-110	8233'	1520sx		
	2 7/8" J-55 (Tubing)	2448'			

V. Well Test Data

31 Date New Oil 4/12/2017	32 Gas Delivery Date 4/12/2017	33 Test Date 4/12/2017	34 Test Length 24 hours	35 Tbg. Pressure	36 Csg. Pressure
37 Choke Size 40	38 Oil 202	39 Water 50	40 Gas	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:
5/9/17

Phone:
(575) 748-1288

OIL CONSERVATION DIVISION

Approved by:

Raymond H. Sudang

Title:

Geology

Approval Date:

5-25-2017

Pending BLM approvals will
subsequently be reviewed
and scanned

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.

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. PRINCE RUPERT FEDERAL 3H
2. Name of Operator MACK ENERGY CORPORATION Contact: ROBERT CHASE E-Mail: JERRYS@MEC.COM		9. API Well No. 30-005-64241
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 Area ROUND TANK; SAN ANDRES
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T15S R29E SESW 330FSL 2160FEL		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
	<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 recomplate 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.

3/24-27/2017 PERFORATED 3583-8133.5' W/ 684 HOLES. SET PLUGS @ 3689', 3909', 4096', 4303', 4510', 4650', 4960', 5142', 5338', 5532', 5835', 6027', 6290', 6493', 6750', 6952', 7162', 7339', 7730', 7921', 8145'. FRAC W/ 1, 7339', 7730', 7921', 8145'. FRAC W/ 1, 045BBLs 15% ACID, 7,463BBLs SW, 64,544BBLs CROSSLINK GEL, 223,859# 100 MESH, 517,659# 30/50 WHITE SAND, 2,518,809# 20/40 WHITE SAND, 523,487# 20/40 SLC.
3/30-4/3/2017 Tagged and Drilled out plugs.
4/5/2017 RIH w/ 81 jts 2 7/8 J-55 tbg @ 2448', Cavins Desander @ 2528.

NM OIL CONSERVATION
ARTESIA DISTRICT

MAY 10 2017

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #375470 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 05/09/2017
THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE	
Approved By _____	Title _____ Date _____
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 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.

(Instructions on page 2)

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

MAY 10 2017

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM121949	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator MACK ENERGY CORPORATION E-Mail: JERRYS@MEC.COM		7. Unit or CA Agreement Name and No.	
3. Address P.O. BOX 960 ARTESIA, NM 88210		8. Lease Name and Well No. PRINCE RUPERT 3H	
3a. Phone No. (include area code) Ph: 575-748-1288		9. API Well No. 30-005-64241	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 17 T15S R29E Mer At surface SWSE 330FSL 2160FEL Sec 20 T15S R29E Mer At top prod interval reported below SWSE 358FSL 2266FEL Sec 20 T15S R29E Mer At total depth SWSE 259FSL 2267FEL		10. Field and Pool, or Exploratory ROUND TANK-SAN ANDRES	
14. Date Spudded 02/14/2017		11. Sec., T., R., M., or Block and Survey or Area Sec 17 T15S R29E Mer	
15. Date T.D. Reached 02/27/2017		12. County or Parish CHAVES	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State NM	
17. Elevations (DF, KB, RT, GL)* 3780 GL			
18. Total Depth: MD 8233 TVD		19. Plug Back T.D.: MD 8184 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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	9.625 J55	36.0	0	208		300		0	
8.500	5.500 P-110	17.0	0	5641					
8.500	7.000 P110	26.0	5641	8233		1530		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	2448							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
ROUND TANK-SAN ANDRES	3583	8133	3583 TO 8133	0.420	684	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3583 TO 8133	1045BBLS 15% ACID, 7463BBLS SW, 6454BBLS CROSSLINK GEL, 223,859# 100 MESH, 517,659# WHITESAND 30/50

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
04/12/2017	04/12/2017	24	→	40.0	50.0	202.0	37.0	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	
				40	50	202	1250	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	Well Status

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #375463 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	1684	1700	SAND, OIL/GAS/WATER	YATES	936
SAN ANDRES	3583	8133	DOLOMITE, OIL/GAS/WATER	7RIVERS	1173
				QUEEN	1661
				GRAYBURG	2162
				SAN ANDRES	2372

32. Additional remarks (include plugging procedure):

3/24-27/2017 PERFORATED 3583-8133.5' W/ 684 HOLES, SET PLUGS @ 3689', 3909', 4096', 4303', 4510', 4650', 4960', 5142', 5338', 5532', 5835', 6027', 6290', 6493', 6750', 6952', 7162', 7339', 7730', 7921', 8145'. FRAC W/1045BBLs 15% ACID, 7463BBLs SW, 64,544BBLs CROSSLINK GEL, 223,859# 100 MESH, 517,659# 30/50 WHITESAND, 2,518,809# 20/40 WHITESAND, 523,487# 20/40 SLC.
3/30-4/3/2017 TAGGED AND DRILLED OUT PLUG.
4/5/2017 RIH W/ 81 JTS 2 7/8 J-55 6.5# TBG @ 2448', CAVINS DESANDER @ 2528'.

Pending BLM approvals will subsequently be reviewed and scanned

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 #375463 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 05/09/2017

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.

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