

District I  
#625 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 HOBBS OCO JUL 01 2015 RECEIVED
4 API Number 30-025-42032	5 Pool Name Young; Bone Spring, North	6 Pool Code 65350	
7 Property Code 313576	8 Property Name Ringtail Federal	9 Well Number 1	

II. Surface Location

UI or lot no. F	Section I	Township 18S	Range 32E	Lot Idn	Feet from the 2310	North/South Line North	Feet from the 1650	East/West line West	County Lea, NM
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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
12 Lse Code F	13 Producing Method Code P	14 Gas Connection Date 6/3/2015	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 12/6/2014	22 Ready Date 3/13/2015	23 TD 9432'	24 PBTD 9385'	25 Perforations 8294-8391'	26 DHC, MC
27 Hole Size 17 1/2"	28 Casing & Tubing Size 13 3/8" J-55	29 Depth Set 1395'	30 Sacks Cement 950sx		
12 1/4"	8 5/8" J-55	2825'	1175sx		
7 7/8"	5 1/2" L-80	9432'	1430sx		
	2 7/8" L-80	8433'			

V. Well Test Data

31 Date New Oil 6/3/2015	32 Gas Delivery Date 6/3/2015	33 Test Date 6/24/2015	34 Test Length 24 hours	35 Tbg. Pressure	36 Csg. Pressure
37 Choke Size 60	38 Oil	39 Water 69	40 Gas 44	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: 6-26-15  
Phone: (575) 748-1288

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

**Denied**

**SEE ATTACHED**

**PAUL. KAUTZ @ STATE.NM.US**

JUL 13 2015

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OGD

JUL 01 2015

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

5. Lease Serial No.  
NNNM40456

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
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 _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator MACK ENERGY CORPORATION		Contact: ROBERT CHASE E-Mail: JERRYS@MEC.COM	
3. Address P.O. BOX 960 ARTESIA, NM 88210		3a. Phone No. (include area code) Ph: 575-748-1288	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENW 2310FNL 1650FWL At top prod interval reported below SENW 2310FNL 1650FWL At total depth SENW 2310FNL 1650FWL		8. Lease Name and Well No. RINGTAIL FEDERAL 1	
14. Date Spudded 12/06/2014		15. Date T.D. Reached 12/22/2014	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/13/2015		9. API Well No. 30-025-43032	
18. Total Depth: MD 9432 TVD		19. Plug Back T.D.: MD 9385 TVD	
20. Depth Bridge Plug Set: MD TVD		10. Field and Pool, or Exploratory YOUNG;BONE SPRING NORTH	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL, CNL, FDC, GR		11. Sec., T., R., M., or Block and Survey or Area Sec 1 T18S R32E Mer	
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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		12. County or Parish LEA	
23. Casing and Liner Record (Report all strings set in well)		13. State NM	
17. Elevations (DF, KB, RT, GL)* 3909 GL			

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
17.500	13.375 J-55	48.0	0	1395		950		0	0
12.250	8.625 J-55	32.0	0	2825		1175		0	0
7.875	5.500 L-80	17.0	0	9432		1430		0	0

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8433							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
YOUNG; BONE SPRING NORTH	8294	8391	8294 TO 8391	0.420	50	OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
8294 TO 8391	38BBLS 15% ACID, 14,179BBLS SLICKWATER, 33,008# 100 MESH, 117,057# WHITESAND 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
06/03/2015	06/24/2015	24	→	60.0	44.0	69.0	39.4	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	
			→	60	44	69	733	POW	

28a. Production - Interval B									Denied
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						SEE ATTACHED
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						PAUL-KAUTZ@ST

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

ELECTRONIC SUBMISSION #307029 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Denied

SEE ATTACHED  
PAUL-KAUTZ@STATE.  
ADM. LLC

## 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	4014	4018	OIL/GAS/WATER	RUSTLER	1324
1ST BONE SPRING SAND	7859	7880	OIL/GAS/WATER	TOP SALT	1392
2ND BONE SPRING CARBONATE	7859	8391	OIL/GAS/WATER	BOTTOM SALT	2592
				YATES	2756
				SEVENRIVERS	3226
				QUEEN	3982
				GRAYBURG	4513
				SAN ANDRES	5027

## 32. Additional remarks (include plugging procedure):

2/23/2015 Perforated 8294-8391', 50 holes.  
 2/24/2015 Acidized w/ 38 bbls 15% Acid.  
 3/9/2015 Frac w/ 14,179 bbls Slickwater, 33,008# 100 Mesh, 117,057# White Sand 40/70.  
 3/12/2015 RIH w/ 258jts 2 7/8" 6.5# tbg, SN @ 8433'.  
 3/13/2015 RIH w/ 2 1/2 x 2 x 20' pump.

FORMATION (LOG) MARKERS CONT:  
 DELWARE- 5071

## 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 #307029 Verified by the BLM Well Information System.  
 For MACK ENERGY CORPORATION, sent to the Hobbs

Name (please print) DEANA WEAVERTitle PRODUCTION CLERKSignature (Electronic Submission)Date 06/26/2015

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 \*\*

**Additional data for transaction #307029 that would not fit on the form**

**32. Additional remarks, continued**

BONE SPRING- 6077  
1ST BONE SPRING SAND-7854  
2ND BONE SPRING CARBONATE- 8064  
2ND BONE SPRING SAND- 8488  
3RD BONE SPRING CARBONATE- 8818  
3RD BONE SPRING SAND- 9284

# REASON FOR DENEIAL

API #	Operator	Well name & Number
30-025-42032	MACK ENERGY CORP	RINGTAIL FEDERAL # 1

Applicable missing info and/or forms marked with **XXXXXXX**

XXXXXXX	Missing Drilling Sundries (Casing & Cementing Reports)( Submit copy of sundry submitted to BLM)
OK	Missing Completion Sundry
OK	Missing Deviation Report
OK	Missing Directional Drill Survey
OK	As drilled C-102
OK	Completion Report not completely filled out
OK	Missing Back page of C-105
OK	C-104 not Completely filled out
OK	Need C-104

RESUBMIT FOLLOWING WITH ABOVE

XXXXXXX	C-105
XXXXXXX	C-104