

District I:

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

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 Corporation P.O. Box 960 Artesia, NM 88210		2 OGRID Number 013837
3 Reason for Filing Code/ Effective Date NW		
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

11 or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South Line	Feet from the	East/West line	County
F	1	18S	32E		2310	North	1650	West	Lea, NM

11. Bottom Hole Location

11 or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County

12 Use 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
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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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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	28 Casing & Tubing Size	29 Depth Set	30 Sacks Cement		
17 1/2"	13 3/8" J-55	1395'	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	40 Gas	41 Test Method Pumping	

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 WeaverTitle:
Production ClerkE-mail Address:
dweaver@mec.comDate:
6-26-15Phone:
(575) 748-1288

OIL CONSERVATION DIVISION

Approved by:

Title: *Petroleum Engineer*

Approval Date:

ReComp _____ Add New Well _____
 Cancl Well _____ Create Pool _____

E-PERMITTING - - New Well _____

Comp *P.M.* P&A _____ TA _____CSNG *P.M.* Lpc Chng _____

JUL 27 2015

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM40456

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 ☐ Other8. Well Name and No.
RINGTAIL FEDERAL 1

2. Name of Operator

MACK ENERGY CORPORATION

Contact: ROBERT CHASE

E-Mail: JERRYSS@MEC.COM

9. API Well No.

30-025-42032

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

YOUNG BONE SPRING NORTH

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

Sec 1 T18S R32E SENW 2310FNL 1650FWL

11. County or Parish, and State

LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations
	☐ Convert to Injection	☐ Plug Back	☐ 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 shall 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 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.)

12/6/2014 SPUD 17 1/2" HOLE @ 2:45PM.

12/8/2014 TD 17 1/2" HOLE @ 1395' RIH W/ 31JTS 13 3/8" 48# J-55, ST&C @ 1395' CMT W/ 750SX

CLASS C 4%, TAIL 200SX CLASS C 1%, PD @ 5:40PM, CIRC 340SX, WOC 18 HRS TST BOP/CSG TO 2000# FOR 30 MINS.

12/12/2014 TD 12 1/4" HOLE @ 2825' RIH W/ 67JTS 8 5/8" 32# J-55, ST&C @ 2825' CMT W/ 975SX

CLASS C 4%, TAIL 200SX CLASS C 1%, PD @ 5:20PM, CIRC 300SX, WOC 12 HRS TST BOP/CSG TO 2000# FOR 30 MINS.

12/22/2014 TD 7 7/8 HOLE @ 9432'

12/24/2014 RIH W/ 213 JTS 5 1/2" 17# L-80, LT&C @ 9432' CMT W/ 470SX 35/65 POZ, TAIL 960SX PVL

PD @ 4PM, CIRC 215SX, WOC 12 HRS TST CSG TO 1500# FOR 30 MINS.

12/25/2014 RELEASED RIG.

HOBBS OCD

JUL 23 2015

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

Electronic Submission #286778 verified by the BLM Well Information System
For MACK ENERGY CORPORATION, sent to the Hobbs

RECEIVED

Name (Printed/Typed) DEANA WEAVER

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 01/05/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE 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

Accepted for Record Only

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.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.		5. Lease Serial No: NMNM40456
		6. If Indian, Allottee or Tribe Name:
		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. RINGTAIL FEDERAL 1
2. Name of Operator MACK ENERGY CORPORATION Contact: ROBERT CHASE E-Mail: JERRYS@MEC.COM		9. API Well No. 30-025-42032
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 YOUNG BONE SPRING NORTH
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T18S R32E SENW 2310FNL 1650FWL		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA.

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Production Start-up
	☐ Convert to Injection	☐ Plug Back	☐ 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.)

2/23/2015 PERFORATED 8294-8391', 50 HOLES.
2/24/2015 ACIDIZED W/ 38 BBL'S 15% ACID
3/9/2015 FRAC W/ 14, 179BBL'S SLICKWATER, 33,008# 100 MESH, 117,057# WHITE SAND 40/70.
3/12/2015 RIH W/ 258 JTS 2 7/8" L-80 TUBING, SN @ 8433
3/13/2015 RIH W/ 2 1/2" X 2" X 20' PUMP.

HOBBS OCD

JUL 23 2015

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14. I hereby certify that the foregoing is true and correct. Electronic Submission #307030 verified by the BLM Well Information System For MACK ENERGY CORPORATION, sent to the Hobbs	
Name (Printed/Typed) DEANA WEAVER	Title PRODUCTION CLERK
Signature (Electronic Submission)	Date 06/26/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE 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.		Accepted for Record Only
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.		Office _____

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMNM40456	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other		6. If Indian, Allottee or Tribe Name	
2. Name of Operator MACK ENERGY CORPORATION E-Mail: JERRY@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. RINGTAIL FEDERAL 1	
3a. Phone No. (include area code) Ph: 575-748-1288		9. API Well No. 30-025-43032	
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		10. Field and Pool, or Exploratory YOUNG BONE SPRING NORTH	
14. Date Spudded: 12/06/2014		11. Sec., T., R., M., or Block and Survey or Area: Sec 1 T18S R32E Mer	
15. Date T.D. Reached: 12/22/2014		12. County or Parish LEA	
16. Date Completed: ☐ D & A ☒ Ready to Prod. 03/13/2015		13. State NM	
17. Elevations (DF, KB, RT, GL)* 3909 GL			

18. Total Depth: MD TVD 9432	19. Plug Back T.D.: MD TVD 9385	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL, CNL, 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
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

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	8433							

25. Producing Intervals

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)						

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

Depth Interval	Amount and Type of Material
8294 TO 8391	388BLS 15% ACID, 14,179BLS SLICKWATER, 33,008# 100 MESH, 117,057# WHITESAND 40/70

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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	RECEIVED ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. (Wg. 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

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. (Wg. 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 #307029 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Accepted for Record Only

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	1bg. Press. Flowg. 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	1bg. Press. Flowg. 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	8244	8391	OIL/GAS/WATER	BOTTOM SALT	2592
				YATES	2756
				SEVEN RIVERS	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/ 258lbs 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.
DELAWARE- 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 WEAVER

Title: PRODUCTION CLERK

Signature: (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.

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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