

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM40456

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

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

3. Address: ARTESIA, NM 88211-0960 3a. Phone No. (in NM) Ph: 575-748-1288

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface: SENW 2310FNL 1650FWL 32.777420 N Lat, 103.723077 W Lon  
At top prod interval reported below: SENW 2310FNL 1650FWL  
At total depth: SENW 2310FNL 1650FWL

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. RINGTAIL FEDERAL 1

9. API Well No. 30-025-42032-00-S1

10. Field and Pool, or Exploratory YOUNG

11. Sec., T., R., M., or Block and Survey or Area Sec 1 T18S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 12/06/2014 15. Date T.D. Reached 12/22/2014 16. Date Completed  D & A  Ready to Prod. 03/13/2015

17. Elevations (DF, KB, RT, GL)\* 3909 GL

18. Total Depth: MD 9432 TVD 19. Plug Back T.D.: MD 9385 TVD 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 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

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
A) BONE SPRING NORTH	8294	8391	8294 TO 8391	0.000	50	OPEN (65350) BS, North
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING NORTH	8294	8391	8294 TO 8391	0.000	50	OPEN (65350) BS, North

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

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

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	

ACCEPTED FOR RECORD  
OCT 23 2015  
D. Han  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #307029 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\*  
Reclamation Date: 12/24/15  
NOV 04 2015

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
BONE SPRING 1ST	7859	7880	OIL/GAS/WATER	TOP OF SALT	1392
2ND BONE SPRING CARB	8244	8391	OIL/GAS/WATER	BASE OF 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/ 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**  
**Committed to AFMSS for processing by LINDA JIMENEZ on 08/04/2015 (15LJ1373SE)**

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature (Electronic Submission) Date 06/26/2015

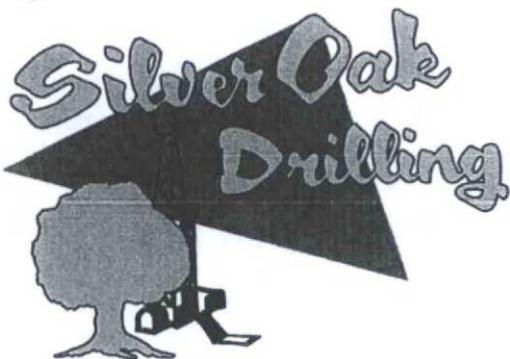
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\***

**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



PO Box 1370  
Artesia, NM 88211-1370  
(575) 748-1288

December 29, 2014

Mack Energy Corporation  
PO Box 960  
Artesia, NM 88211-0960

RE: Ringtail Federal #1  
2310' FNL & 1650' FWL  
Sec. 1, T18S, R32E  
Lea County, New Mexico

Dear Sir,

The attached is the Deviation Survey for the above captioned well.

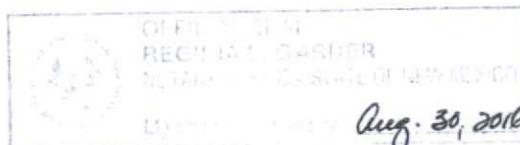
Very truly yours,

Chris Graham  
Drilling Superintendent

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 29<sup>th</sup> day of December, 2014.

\_\_\_\_\_  
Notary Public



## RINGTAIL FED #1

Date	Depth	Deviation	Direction
12/6/2014	235	1.00	0.00
12/7/2014	448	0.40	0.00
12/7/2014	660	0.30	0.00
12/7/2014	877	0.10	0.00
12/7/2014	1034	0.70	0.00
12/7/2014	1253	0.10	0.00
12/8/2014	1337	0.20	0.00
12/10/2014	1483	0.40	12.40
12/11/2014	1822	2.10	56.70
12/11/2014	2135	1.40	88.40
12/11/2014	2448	1.60	83.10
12/12/2014	2778	1.90	115.10
12/14/2014	3106	1.20	94.70
12/14/2014	3419	1.10	88.70
12/14/2014	3731	1.10	86.60
12/14/2014	4043	1.10	100.00
12/14/2014	4356	0.90	92.60
12/14/2014	4669	0.50	109.80
12/15/2014	4980	0.40	71.90
12/15/2014	5292	0.70	160.00
12/15/2014	5606	1.20	319.00
12/15/2014	5918	1.20	322.20
12/15/2014	6231	0.90	324.60
12/16/2014	6543	1.10	337.30
12/16/2014	6856	1.20	355.60
12/16/2014	7169	1.10	357.70
12/17/2014	7481	0.40	354.50
12/18/2014	7793	1.10	1387.00
12/20/2014	8139	0.20	327.80
12/20/2014	8399	0.90	294.40
12/21/2014	8733	1.10	47.60
12/21/2014	9047	1.10	39.20
12/22/2014	9388	1.90	3.00