

NMOCDD Copy

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM036852

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 Contact: ROBERT CHASE  
 E-Mail: JERRYS@MEC.COM

8. Lease Name and Well No. WOLF FEDERAL 1

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

9. API Well No. 30-025-42026-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface SENW 2310FNL 1650FWL 32.777462 N Lat, 103.757447 W Lon  
 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  
 11. Sec., T., R., M., or Block and Survey or Area Sec 3 T18S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 08/24/2014 15. Date T.D. Reached 09/10/2014 16. Date Completed  D & A  Ready to Prod. 12/02/2014

17. Elevations (DF, KB, RT, GL)\* 3875 GL

18. Total Depth: MD 9325 TVD 19. Plug Back T.D.: MD 9278 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	1297		860		0	0
12.250	8.625 J55	32.0	0	2700		1125		0	0
7.875	5.500 L80	17.0	0	9325		1700		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	8736							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING NORTH	7661	8718	7661 TO 7817	0.000	50	OPEN (65350) Bone Spring
B)			8349 TO 8467	0.000	50	OPEN
C)			8481 TO 8484	0.000	3	OPEN
D)			8531 TO 8718	0.000	50	OPEN

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

Depth Interval	Amount and Type of Material
7661 TO 7817	1827GALS 15% ACID, 17,897.7 BBLS SLICKWATER, 42,478# 100 MESH, 197,591# WHITESAND 40/70
8349 TO 8469	1500GALS 15% ACID, 14,196.6 BBLS SLICKWATER, 41,621# 100 MESH, 151,991# WHITESAND 40/70
8531 TO 8718	48BBLS 15% ACID, 21,120 BBLS SLICKWATER, 51,811# 100 MESH, 254,724# 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
12/11/2014	12/19/2014	24	→	6.0		435.0	36.5		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	
				6	0	435		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

FEB 12 2015

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #285939 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* BLM REVISED \*\*

Reclamation Date: 6/11/2015

FEB 20 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
YATES	2730	3062	SAND/OIL/GAS/WATER	YATES	2633
QUEEN	3830	3856	SAND/OIL/GAS/WATER	SEVEN RIVERS	3094
GRAYBURG	4570	4602	DOLOMITE/OIL/GAS/WATER	QUEEN	3812
BONE SPRING	7660	7685	DOLOMITE/OIL/GAS/WATER	GRAYBURG	4316
				SAN ANDRES	4800
				DELAWARE	4945
				BONE SPRING	5798
				WOLFCAMP	9170

32. Additional remarks (include plugging procedure):

11/11/2014 PERFORATED 8531-8718' W/50 HOLES.  
 11/13/2014 ACIDIZE W/ 48 BBLs 15% ACID & 150 BALLS.  
 11/17/2014 FRAC W/ 21,120 BBLs SLICKWATER, 51,811# 100 MESH, 254,724# WHITESAND 40/70.  
 PERFORATED 8481-8484' W/ 3 HOLES. SET COMP. PLUG @ 8477.5', TESTED 3000#. PERFORATED 8349-8467' W/ 50 HOLES. ACIDIZED W/ 1500 GALS 15% HCL & 125 BALLS.  
 11/19/2014 FRAC W/ 14196.6 BBLs SLICKWATER, 41,621# 100 MESH, 151,991# WHITESAND 40/70.  
 SET COMP PLUG @ 7840', TESTED 3500#. PERFORATED 7661-7817' W/ 50 HOLES. ACIDIZED W/ 120 BALLS & 1827 GALS 15% ACID. FRAC W/ 17897.7 BBLs SLICKWATER, 42,476# 100 MESH, 197,591#

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 #285939 Verified by the BLM Well Information System.  
 For MACK ENERGY CORPORATION, sent to the Hobbs  
 Committed to AFMSS for processing by LINDA JIMENEZ on 01/20/2015 (15LJ0488SE)**

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature \_\_\_\_\_ (Electronic Submission) Date 12/19/2014

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.