



Form 3160-4
August 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

NMML CONSERVATION

Artesia

ARTESIA DISTRICT

JAN 12 2015

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

5. Lease Serial No.
NMNM132674

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: JERRY@MEC.COM

8. Lease Name and Well No.
VICTORIA FEDERAL 5

3. Address P.O. BOX 960
ARTESIA, NM 88211-0960

3a. Phone No. (include area code)
Ph: 575-748-1288

9. API Well No.
30-005-64208-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SWNW 2285FNL 230FWL

At top prod interval reported below SWNW 2285FNL 230FWL

At total depth SWNW 2285FNL 230FWL

10. Field and Pool, or Exploratory
ROUND TANK-SAN ANDRES

11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T15S R29E Mer NMP

12. County or Parish
CHAVES

13. State
NM

14. Date Spudded
10/30/2014

15. Date T.D. Reached
11/03/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/21/2014

17. Elevations (DF, KB, RT, GL)*
3737 GL

18. Total Depth: MD
TVD 3410
3410

19. Plug Back T.D.: MD
TVD 3355
3355

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? ☒ 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
12.250	8.625 J-55	32.0	0	421		680		0	0
7.875	5.500 L-80	26.0	0	3403		650		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	3244							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3062	3206	2861 TO 3032	0.420	40	OPEN
B)			3062 TO 3206	0.420	40	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
2861 TO 3032	12,596 BBLS SLICKWATER, 28,051# 100 MESH, 155,683# WHITESAND 40/70
3062 TO 3206	14,243 BBLS SLICKWATER, 40,465# 100 MESH, 170,637# 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
12/21/2014	12/24/2014	24	→	33.0	80.0	350.0	35.7	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	
			→	33	80	350	2424	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

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

ELECTRONIC SUBMISSION #286831 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

/S/ DAVID R. GLASS
JAN 07 2015

ACCEPTED FOR 6 MONTH PERIOD
ENDING JUN 21 2015

DAVID R. GLASS
PETROLEUM ENGINEER

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 SAN ANDRES	1530 2860	1544 3210	Sand Dolomite	YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	782 1018 1507 1899 2220

32. Additional remarks (include plugging procedure):

11/17/2014 PERFORATED 3062-3206' w/ 40 HOLES.
11/18/2014 ACIDIZED w/ 2050 GALS 15% ACID & 120 BALLS.
12/3/2014 Frac w/ 14,243bbls Slickwater, 40,465# 100 Mesh, 170,637# White Sand 40/70.
Comp plug @ 3050'. Perforated 2861-3032' w/ 40 holes. Acidized w/ 1000 gals 15% Acid & 100 balls. Frac w/ 12,596 gals Slickwater, 28,051# 100 Mesh, 155,683# White Sand 40/70.
12/9/2014 RIH w/ 99jts 2 7/8", 6.5# tubing, SN @ 2344', 2 1/2" x 2" x 16' pump.

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 #286831 Verified by the BLM Well Information System.

For MACK ENERGY CORPORATION, sent to the Roswell

Committed to AFMSS for processing by DAVID GLASS on 01/07/2015 (15DRG0016SE)

Name (please print) DEANA WEAVER

Title PRODUCTION CLERK

Signature _____ (Electronic Submission)

Date 01/05/2015

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 ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #286831

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM4434	NMNM132674
Agreement:		
Operator:	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88210 Ph: 575-748-1288	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88211-0960 Ph: 505-748-3436
Admin Contact:	ROBERT CHASE VICE PRESIDENT E-Mail: JERRYYS@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539	ROBERT CHASE VICE PRESIDENT E-Mail: JERRYYS@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539
Tech Contact:	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539
Well Name: Number:	VICTORIA FEDERAL 5	VICTORIA FEDERAL 5
Location: State: County: S/T/R: Surf Loc:	NM CHAVES Sec 19 T15S R29E Mer SWNW 2285FNL 230FWL	NM CHAVES Sec 19 T15S R29E Mer NMP SWNW 2285FNL 230FWL
Field/Pool:	ROUND TANK SAN ANDRES	ROUND TANK-SAN ANDRES
Logs Run:	CNL,DLL, FDC, GR	CNL DLL FDC GR
Producing Intervals - Formations:	ROUND TANK-SAN ANDRES ROUND TANK-SAN ANDRES	SAN ANDRES
Porous Zones:	QUEEN SAN ANDRES	QUEEN SAN ANDRES
Markers:	YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES