NM OIL CONSERVATION
ARTESIA DISTRICT
NMOCD
OCT 29 2014
RECEIVED

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM4434

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.: VICTORIA FEDERAL 4

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

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

9. API Well No.: 30-005-64102-00-X1 64188 CRD

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

At surface: SWNE 2310FNL 2310FEL

At top prod interval reported below: SWNE 2310FNL 2310FEL

At total depth: SWNE 2310FNL 2310FEL

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

11. Sec., T., R., M., or Block and Survey or Area: Sec 30 T15S R29E Mer NMP

12. County or Parish: CHAVES — 13. State: NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, KB, RT, GL)*
03/13/2014	03/18/2014	☐ D & A ☒ Ready to Prod. 09/16/2014	3741 GL

18. Total Depth:	MD 3297 TVD 3297	19. Plug Back T.D.:	MD 3245 TVD 3245	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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	32.0	0	457		846		0	0
7.875	5.500 L-80	17.0	0	3292		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	3206							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	SAN ANDRES	3114	3202	2986 TO 3097	0.420	33	OPEN
B)				3114 TO 3202	0.420	34	OPEN
C)							
D)							

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

Depth Interval	Amount and Type of Material
2986 TO 3097	1500GAL 15% HCL, 11,321BBLS SLICKWATER, 20,583# 100 MESH, 125,257# WHITESAND 40/70
3114 TO 3202	1848GAL 15% HCL, 11,180BBLS SLICKWATER, 21,315# 100 MESH, 120,206# 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
09/20/2014	09/29/2014	24	→	91.0	60.0	350.0	38.2	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
			→	91	60	350	659	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 28 2014

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #272008 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

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	1545	1560	SAND/OIL/GAS/WATER	YATES	798
SAN ANDRES	2986	3202	DOLOMITE/OIL/GAS/WATER	SEVEN RIVERS	1032
				QUEEN	1524
				GRAYBURG	1924
				SAN ANDRES	2221

32. Additional remarks (include plugging procedure):
6/16/2014 Perforated 3114-63202' w/ 34 holes.
6/17/2014 Acidized w/ 1848 gals 15% HCL Acid.
9/8/2014 Frac w/ 11,180 bbls Slickwater, 21,315# 100 Mesh, 120,206# Whitesand 40/70. Set plug @ 3110'.
9/11/2014 Perforated 2986-3097', w/ 33 holes.
9/13/2014 Frac w/ 15 gals 15% Acid, 11,321 bbls Slickwater, 20,583# 100 Mesh, 125,257# White Sand 40/70.
9/15/2014 RIH w/ 98 jts 2 7/8", J-55, 6.5# @ 3206', 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 #272008 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by BEVERLY WEATHERFORD on 10/24/2014 (15BMW0053SE)

Name *(please print)* DEANA WEAVER Title PRODUCTION CLERK

Signature (Electronic Submission) Date 10/20/2014

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 fradulent statements or representations as to any matter within its jurisdiction.

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

Additional data for transaction #272008 that would not fit on the form

32. Additional remarks, continued

Revisions to Operator-Submitted EC Data for Well Completion #272008

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM4434	NMNM4434
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: JERRYS@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539	ROBERT CHASE VICE PRESIDENT E-Mail: JERRYS@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 4	VICTORIA FEDERAL 4
Location: State: County: S/T/R: Surf Loc:	 NM CHAVES Sec 30 T15S R29E Mer SWNE 2310FNL 2310FEL	 NM CHAVES Sec 30 T15S R29E Mer NMP SWNE 2310FNL 2310FEL
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