

N.M. OIL CONSERVATION DIVISION

811 S. FIRST STREET

ARTESIA, NM 88210

Form 3160-4

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

August 2007



WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

AUG 14 2012

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

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMNM4433	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv		6. 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 88211-0960		8. Lease Name and Well No. CALGARY FEDERAL 3	
3a. Phone No. (include area code) Ph: 575-748-1288		9. API Well No. 30-005-64152-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 990FNL 330FEL At top prod interval reported below NENE 990FNL 330FEL At total depth NENE 990FNL 330FEL		10. Field and Pool, or Exploratory ROUND TANK-SAN ANDRES	
14. Date Spudded 03/27/2012		15. Date T.D. Reached 04/08/2012	
16. Date Completed ☐ D & A ☒ Ready to Prod. 06/05/2012		17. Elevations (DF, KB, RT, GL)* 3697 GL	
18. Total Depth: MD 6131 TVD 6131		19. Plug Back T.D.: MD 6072 TVD - 6072	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3697 GL	
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
14.750	9.625 J-55	36.0	0	460		850		0	
8.750	5.500 L-80	17.0	0	6131		1370		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	2397							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	3400	6050	3400 TO 6050	42.000	48	SEE 3160-5 FOR DETAILS
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3400 TO 6050	SEE 3160-5 FOR DETAILS
3400 TO 6050	SEE 3160-5 FOR DETAILS

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
06/18/2012	07/02/2012	24	→	111.0	121.0	650.0	34.9	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	
			→	111	121	650	1090	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	
			→						

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

ELECTRONIC SUBMISSION #143340 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR 6 MONTH PERIOD

ENDING DEC 05 2012

DAVID R. GLASS
PETROLEUM ENGINEERACCEPTED FOR RECORD
/S/ DAVID R. GLASS
AUG 16 2012

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
QUATERNARY	0	150		YATES	770
SAN ANDRES	3400	6050		QUEEN	1500
				GRAYBURG	1900
				SAN ANDRES	2200

32. Additional remarks (include plugging procedure):

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 #143340 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 07/19/2012 (12DG0388SE)

Name (please print) DEANA WEAVER

Title PRODUCTION CLERK

Signature _____ (Electronic Submission)

Date 07/18/2012

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.

Revisions to Operator-Submitted EC Data for Well Completion #143340

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM4433	NMNM4433
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:	CALGARY FEDERAL 3	CALGARY FEDERAL 3
Location: State: County: S/T/R: Surf Loc:	NM CHAVES Sec 25 T15S R28E Mer NENE 990FNL 330FEL	NM CHAVES Sec 25 T15S R28E Mer NMP NENE 990FNL 330FEL
Field/Pool:	ROUND TANK; SAN ANDRES	ROUND TANK-SAN ANDRES
Logs Run:		3697 GL
Producing Intervals - Formations:	ROUND TANK; SAN ANDRES	SAN ANDRES
Porous Zones:	ROUND TANK; SAN ANDRES	QUATERNARY SAN ANDRES
Markers:		YATES QUEEN GRAYBURG SAN ANDRES