

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.
NMLC029405A

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: DEANA WEAVER
E-Mail: dweaver@mec.com

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 2310FSL 144FWL 32.819263 N Lat, 103.814018 W Lon
At top prod interval reported below NESE 2297FSL 100FEL
At total depth NWSW 2308FSL 12FWL

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. PARTITION 24 FEDERAL IL 6H

9. API Well No. 30-025-44932-00-S1

10. Field and Pool, or Exploratory GLORIETA YESO

11. Sec., T., R., M., or Block and Survey or Area Sec 19 T17S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 01/08/2020 15. Date T.D. Reached 01/28/2020 16. Date Completed D & A Ready to Prod. 03/03/2020

17. Elevations (DF, KB, RT, GL)* 3923 GL

18. Total Depth: MD 10463 TVD 19. Plug Back T.D.: MD 10441 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NOLOGS

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	715		700		0	
12.250	9.625 J-55	36.0	0	2343		700		0	
8.500	5.500 L80	17.0	0	4920		485		350	
8.500	7.000 L80	26.0	4920	10463		1350		350	

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	4464							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA			5593 TO 10370	0.000	1728	OPEN
B) GLORIETA -YESO	5593	10370				
C)						
D)						

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

Depth Interval	Amount and Type of Material
5593 TO 10370	1507BBLs 15% ACID, 193,109BBLs SW, 2,238,181# MESH, 2,082,000# 40/70 WS, 455,860# 40/70 SLC

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
03/03/2020	03/03/2020	24	→	500.0	336.0	1900.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	500	336	1900	672	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
03/03/2020	03/03/2020	24	→	500.0	336.0	1900.0	37.2	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	500	336	1900	672	POW	

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

ELECTRONIC SUBMISSION #507003 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
GRAYBURG	3293	3607	DOLOMITE/SAND, OIL/GAS/WATER	YATES	1953
SAN ANDRES	3607	3930	DOLOMITE/SAND, OIL/GAS/WATER	QUEEN	2919
PADDOCK	5593	10370	DOLOMITE/ SAND, OIL/GAS/WATER	GRAYBURG	3293
				SAN ANDRES	3607
				GLORIETA	5211

32. Additional remarks (include plugging procedure):

2/3-3/2/2020 Perfs 5593-10370' 1728 holes. Frac w/ 1507 bbls 15% Acid, 193,109 bbls SW, 2,238,181# 100 Mesh, 2,082,000# 40/70 WS, 455,860# SLC. RIH w/ 137jts 2 7/8" J-55 tubing @ 4,464.23', BTO @ 464.73', pump 513 series @ 4475', 4497' & 4515'. Cavin Desander @ 4564.62', 10jts 2 7/8" tubing, 2 7/8" bull plug @ 4888'.

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 #507003 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 08/06/2020 (20JAS0183SE)**

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature (Electronic Submission) Date 03/12/2020

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 #507003

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMLC029405A	NMLC029405A
Agreement:		
Operator:	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88210 Ph: 575-748-1288	MACK ENERGY CORPORATION ARTESIA, NM 88211-0960 Ph: 575.748.1288
Admin Contact:	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288	DEANA WEAVER PRODUCTION CLERK E-Mail: dweaver@mec.com Ph: 575-748-1288
Tech Contact:	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288	DEANA WEAVER PRODUCTION CLERK E-Mail: dweaver@mec.com Ph: 575-748-1288
Well Name: Number:	PARTITION 24 FEDERAL IL 6H	PARTITION 24 FEDERAL IL 6H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 19 T17S R32E Mer	Sec 19 T17S R32E Mer NMP
Surf Loc:	Lot 3 2310FSL 144FWL	2310FSL 144FWL 32.819263 N Lat, 103.814018 W Lon
Field/Pool:	GLORIETTA	GLORIETA YESO
Logs Run:	NO LOGS	NOLOGS
Producing Intervals - Formations:	GLORIETTA	GLORIETA GLORIETA -YESO
Porous Zones:	GRAYBURG SAN ANDRES PADDOCK	GRAYBURG SAN ANDRES PADDOCK
Markers:	YATES 7-RVRS QUEEN GRAYBURG SAN ANDRES GLORIETTA	YATES QUEEN GRAYBURG SAN ANDRES GLORIETA