

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____				5. Lease Serial No. NMLC029405A	
2. Name of Operator MACK ENERGY CORPORATION Contact: DEANA WEAVER E-Mail: dweaver@mec.com				6. If Indian, Allottee or Tribe Name	
3. Address ARTESIA, NM 88211-0960				7. Unit or CA Agreement Name and No.	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 19 T17S R32E Mer NMP At surface 2310FSL 144FWL 32.819263 N Lat, 103.814018 W Lon Sec 24 T17S R31E Mer NMP At top prod interval reported below NESE 2297FSL 100FEL Sec 24 T17S R31E Mer NMP At total depth NWSW 2308FSL 12FWL				8. Lease Name and Well No. PARTITION 24 FEDERAL IL 6H 9. API Well No. 30-025-44932-00-S1	
14. Date Spudded 01/08/2020		15. Date T.D. Reached 01/28/2020		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/03/2020	
17. Elevations (DF, KB, RT, GL)* 3923 GL		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			
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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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

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)						

26. Perforation Record

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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
				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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
				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 SAN ANDRES PADDOCK	3293 3607 5593	3607 3930 10370	DOLOMITE/SAND, OIL/GAS/WATER DOLOMITE/SAND, OIL/GAS/WATER DOLOMITE/ SAND, OIL/GAS/WATER	YATES QUEEN GRAYBURG SAN ANDRES GLORIETA	1953 2919 3293 3607 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.

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

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: County: S/T/R: Surf Loc:	NM LEA Sec 19 T17S R32E Mer Lot 3 2310FSL 144FWL	NM LEA Sec 19 T17S R32E Mer NMP 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