

NMOCD MAY 22 2017 Artesia

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

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well [X] Oil Well [] Gas Well [] Dry [] Other
b. Type of Completion [X] New Well [] Work Over [] Deepen [] Plug Back [] Diff. Resvr.
2. Name of Operator MACK ENERGY CORPORATION Contact: ROBERT CHASE
3. Address P.O. BOX 960 ARTESIA, NM 88211-0960
4. Location of Well (Report location clearly and in accordance with Federal requirements)*
14. Date Spudded 02/14/2017
15. Date T.D. Reached 02/27/2017
16. Date Completed 04/12/2017
17. Elevations (DF, KB, RT, GL)* 3780 GL
18. Total Depth: MD 8233 TVD 3234
19. Plug Back T.D.: MD 8184 TVD 3234
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? [X] No [] Yes (Submit analysis)
Was DST run? [X] No [] Yes (Submit analysis)
Directional Survey? [] No [X] Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)
Table with columns: 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

24. Tubing Record
Table with columns: Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD)

25. Producing Intervals
26. Perforation Record
Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.
Table with columns: Depth Interval, Amount and Type of Material

28. Production - Interval A
Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method

28a. Production - Interval B
Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method

ACCEPTED FOR RECORD
SGDJ DAVID R. GLASS
MAY 17 2017

(See Instructions and spaces for additional data on reverse side) ELECTRONIC SUBMISSION #375463 VERIFIED BY THE BLM WELL INFORMATION SYSTEM ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED

DAVID R. GLASS

REGISTERED PROFESSIONAL ENGINEER

RECLAMATION DUE: OCT 12 2017

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	95	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/WATER	RUSTLER	95
QUEEN	1684	1700		TOP OF SALT	210
SAN ANDRES	3583	8133		BASE OF SALT	810
				YATES	936
				SEVEN RIVERS	1173
				QUEEN	1661
				GRAYBURG	2162
				SAN ANDRES	2372

32. Additional remarks (include plugging procedure):

3/24-27/2017 PERFORATED 3583-8133.5' W/ 684 HOLES, SET PLUGS @ 3689', 3909', 4096', 4303', 4510', 4650', 4960', 5142', 5338', 5532', 5835', 6027', 6290', 6493', 6750', 6952', 7162', 7339', 7730', 7921', 8145'. FRAC W/1045BBLS 15% ACID, 7463BBLS SW, 64,544BBLS CROSSLINK GEL, 223,859# 100 MESH, 517,659# 30/50 WHITESAND, 2,518,809# 20/40 WHITESAND, 523,487# 20/40 SLC.
3/30-4/3/2017 TAGGED AND DRILLED OUT PLUG.
4/5/2017 RIH W/ 81 JTS 2 7/8 J-55 6.5# TBG @ 2448', CAVINS DESANDER @ 2528'.

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 #375463 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 05/09/2017 (17DRG0214SE)**

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature _____ (Electronic Submission) Date 05/09/2017

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.