

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
E. gy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address Mack Energy Coporation P.O. Box 960 Artesia, NM 88210		2 OGRID Number 013837
4 API Number 30-025-44931		3 Reason for Filing Code/ Effective Date NW
5 Pool Name Fren; Glorieta-Yeso	6 Pool Code 26770	
7 Property Code 321610	8 Property Name Partition 24 Federal AD	9 Well Number 1H

II. Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
Lot 1	19	17S	32E		812	North	526	West	Lea, NM

III. Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	24	17S	31E	343		North	102	West	Eddy, NM
12 Lse Code F	13 Producing Method Code P	14 Gas Connection Date 3/11/2019	15 C-129 Permit Number		16 C-129 Effective Date		17 C-129 Expiration Date		

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 O/G/W
278421	Holly Marketing & Refining Co LLC P.O. Box 1600 Artesia, NM 88211-1600	O
036788	DCP Midstream 4001 Penbrook Odessa, TX 79762	G
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IV. Well Completion Data

21 Spud Date	22 Ready Date	23 TD	24 PBTD	25 Frac. Perforations	26 DHC, MC
1/21/2019	3/5/2019	10,842'	9246'	4499-9188'	
27 Hole Size	28 Casing & Tubing Size	29 Depth Set	30 Sacks Cement		
17 1/2"	13 3/8"	715'	690sx		
12 1/4"	9 5/8"	2005'	685sx		
8 1/2"	7" & 5 1/2"	9255'	585sx		
2 7/8" J-55 (Tubing)		4279'			

V. Well Test Data

31 Date New Oil	32 Gas Delivery Date	33 Test Date	34 Test Length	35 Tbg. Pressure	36 Csg. Pressure
3/11/2019	3/11/2019	3/11/2019	24 hours		
37 Choke Size	38 Oil	39 Water	40 Gas	41 Test Method	
113		1490	75	Pumping	
42 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.			OIL CONSERVATION DIVISION		
Signature: <i>Deana Weaver</i>			Approved by: <i>Karen Sharp</i>		
Printed name: Deana Weaver			Title: <i>Staff Mgr</i>		
Title: Production Clerk			Approval Date: <i>5-2-19</i>		
E-mail Address: dweaver@mec.com					
Date: <i>3.4.19</i>	Phone: (575) 748-1288				

Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20185. Lease Serial No.
NMLC029405A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
PARTITION 24 FED AD 1H9. API Well No.
30-025-4493110. Field and Pool or Exploratory Area
FREN GLORIETA YESO11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
MACK ENERGY CORPORATIONContact: DEANA WEAVER
E-Mail: DWEAVER@MEC.COM3a. Address
P.O. BOX 960
ARTESIA, NM 882103b. Phone No. (include area code)
Ph: 575-748-12884. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 19 T17S R32E NENE 812FNL 529FWL**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other
Production Start-up

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

2/26-3/4/2019 Frac thru Frac Ports @ 4499-9188' w/ 943 bbls 15% Acid, 148,658 bbls SW, 1,774,701# 100 Mesh, 1,644,994# WI 40/70, 339,580# SLC 40/70. Drill out Ports @ 4499-9188', RIH w/ 131jt 2 7/8" J-55 tubing @ 4279', Cavins 5 1/2" Desander @ 4370', EOS @ 4701' all depths are with a 16.5 KB, ON TOP OF PUMP.

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14. I hereby certify that the foregoing is true and correct.

Electronic Submission #458258 verified by the BLM Well Information System
For MACK ENERGY CORPORATION, sent to the Hobbs

Name (Printed/Typed) DEANA WEAVER

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 03/18/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****Documents pending BLM approvals will
subsequently be reviewed and scanned

OBBS OCD

MAY 01 2019

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

5. Lease Serial No.
NMLC029405A

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
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 _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator MACK ENERGY CORPORATION E-Mail: DWEAVER@MEC.COM		8. Lease Name and Well No. PARTITION 24 FED AD 1H	
3. Address P.O. BOX 960 ARTESIA, NM 88210		9. API Well No. 30-025-44931	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 19 T17S R32E Mer At surface NENE 812FNL 529FWL Sec 24 T17S R31E Mer At top prod interval reported below NENE 349FNL 206FEL Sec 24 T17S R31E Mer At total depth NWNW 343FNL 102FWL		10. Field and Pool, or Exploratory FREN GLORIETA YESO	
14. Date Spudded 01/21/2019		15. Date T.D. Reached 01/27/2019	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/04/2019		17. Elevations (DF, KB, RT, GL)* 3935 GL	
18. Total Depth: MD 10842 TVD 5381		19. Plug Back T.D.: MD 9246 TVD 5401	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NO LOGS	
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 J-55	48.0	0	715		690		0	
12.250	9.625 J-55	36.0	0	2006		685		0	
8.500	7.000 L-80	26.0	0	3166					
8.500	5.500 L-80	17.0	3166	9255		585		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	4279							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)FRAN GLORIETA YESO	4499	9188	4499 TO 9188			FRAC PORTS
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4499 TO 9188	943BBLs ACID 15%, 148,658BBLs SW, 1,774,701# 100 MESH, 1,644,994# WI 40/70, 339,580# SLC 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
03/11/2019	03/11/2019	24	→	113.0	75.0	1490.0	35.0	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	
			→	113	75	1490	663	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 #458261 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OP.

Documents pending BLM approvals will subsequently be reviewed and scanned

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
GLORIETA YESO	4499	9188		RUSTLER TOP SALT BASE OF SALT YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	539 720 1712 1893 2232 2857 3246 3615

32. Additional remarks (include plugging procedure):

2/26-3/4/2019 FRAC THRU FRAC PORTS @ 4499-9188 W/ 943BBLs ACID 15%, 148,658BBLs SW, 1,774,701# 100 MESH, 1,644,994# WI 40/70, 339,580# SLC 40/70. DRILL OUT PORTS @ 4499-9188', RIH W/ 131 JTS 2 7/8" J-55 TUBING @ 4279', CAVINS 5 1/2" DESANDER @ 4370', EOS @ 4701', ALL DEPTHS ARE WITH A 16.5 KB, ON TOP OF 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 #458261 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Hobbs

Name (please print) DEANA WEAVER

Title PRODUCTION CLERK

Signature _____ (Electronic Submission)

Date 03/18/2019

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.

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