

District I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources

Revised August 1, 2011

District II
811 S. First St., Artesia, NM 88210

JAN 09 2019

Submit one copy to appropriate District Office

District III
1000 Rio Brazos Rd., Aztec, NM 87410

Oil Conservation Division

DISTRICT II-ARTESIA O.C.D. AMENDED REPORT

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

1220 South St. Francis Dr.
Santa Fe, NM 87505

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 30-005-64313		3 Reason for Filing Code/ Effective Date NW
5 Pool Name Round Tank; San Andres		6 Pool Code 52770
7 Property Code 321442	8 Property Name Saskatoon Federal Com	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
O	18	15S	29E		960	South	1675	East	Chaves, NM

11. 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
O	19	15S	29E		8	South	1680	East	Chaves, NM
12 Lse Code F	13 Producing Method Code P	14 Gas Connection Date 12/26/2018	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

IV. Well Completion Data

21 Spud Date	22 Ready Date	23 TD	24 PBSD	25 Perforations	26 DHC, MC
9/8/2018	12/14/2018	9084' / 3128	9034'	3470-8941'	
27 Hole Size	28 Casing & Tubing Size	29 Depth Set	30 Sacks Cement		
17 1/2"	13 3/8"	220'	1463sx 898sx		
8 3/4"	5 1/2" & 7"	5 1/2" P110 26' 0-5853' 7" P110 26' 5053-9084'	2295sx	CBL shows TOC 420' 16w Top	
	3 1/2" J-55 (tubing)	2434'			

V. Well Test Data

31 Date New Oil	32 Gas Delivery Date	33 Test Date	34 Test Length	35 Tbg. Pressure	36 Csg. Pressure
12/26/2018	12/26/2018	12/30/2018	24 hours		
37 Choke Size	38 Oil	39 Water	40 Gas	41 Test Method	
91		802	42	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.

Signature: *Deana Weaver*

Printed name: Deana Weaver

Title: Production Clerk

E-mail Address: dweaver@mec.com

Date: 1.4.19

Phone: (575) 748-1288

OIL CONSERVATION DIVISION

Approved by:

Rusty Kline

Title:

Business Ops Spec A

Approval Date:

1-28-2019

Pending BLM approvals will subsequently be reviewed and scanned

JAN 09 2019

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

DISTRICT II-ARTESIA O.C.D.

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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: DEANA WEAVER
3. Address P.O. BOX 960 ARTESIA, NM 88210
3a. Phone No. (include area code) Ph: 575-748-1288
4. Location of Well (Report location clearly and in accordance with Federal requirements)*
10. Field and Pool, or Exploratory ROUND TANK; SAN ANDRES
11. Sec., T., R., M., or Block and Survey or Area Sec 18 T15S R29E Mer
12. County or Parish CHAVES 13. State NM
14. Date Spudded 09/08/2018 15. Date T.D. Reached 09/15/2018 16. Date Completed [] D & A [X] Ready to Prod. 12/14/2018
17. Elevations (DF, KB, RT, GL)* 3747 GL
18. Total Depth: MD 9084 TVD 3128 19. Plug Back T.D.: MD TVD 20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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. Includes handwritten entries for hole sizes 17.500, 8.750, 8.750.

24. Tubing Record

Table with columns: Size, Depth Set (MD), Packer Depth (MD). Includes handwritten entry for size 3.500 and depth set 2434.

25. Producing Intervals

26. Perforation Record

Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status. Includes handwritten entry for ROUND TANK; SAN ANDRES with interval 3470 to 8941.

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

Table with columns: Depth Interval, Amount and Type of Material. Includes handwritten entry for interval 3470 TO 8941 with material 1344BBLs 15% ACID, 6769BBLs SW, 101,723BBLs X-LINK, 438,835# 100MESH, 668,240# SLC.

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. Includes handwritten entries for test date 12/30/2018 and production rate 91.

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. Includes handwritten entries for test date 12/30/2018 and production rate 91.

Pending BLM approvals will subsequently be reviewed and scanned 12-28-19

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

ELECTRONIC SUBMISSION #449524 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPE ...R-SUBMITTED **

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
QUEEN	1607	1626	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/WATER	TOP SALT	248
SAN ANDRES	3470	8941		BASE SALT	703
				YATES	857
				7RVRS	1094
				QUEEN	1586
				GRAYBURG	1975
				SAN ANDRES	2290

32. Additional remarks (include plugging procedure):

11/1-19/2018 Perforated 3470-8941' w/ 1344 holes. Frac w/ 1344bbls Acid 15%, 6769bbls SW, 101,723bbls X-Link, 438,835# 100 Mesh, 668,240# SLC, 3,738,060# WS 20/40, 755,700# 30/50 WS.
12/3-14/2018 RIH w/ 74jts 3 1/2" tubing, top of pump @ 2434'.

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 #449524 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature _____ (Electronic Submission) Date 01/07/2019

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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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.

5. Lease Serial No.
NMNM101107

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
SASKATOON FEDERAL COM 1H

9. API Well No.
30-005-64313

10. Field and Pool or Exploratory Area
ROUND TANK; SAN ANDRES

11. County or Parish, State
CHAVES COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
MACK ENERGY CORPORATION
Contact: DEANA WEAVER
E-Mail: DWEAVER@MEC.COM

3a. Address
P.O. BOX 960
ARTESIA, NM 88210
3b. Phone No. (include area code)
Ph: 575-748-1288

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 18 T15S R29E SWSE 960FSL 1675FEL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recomplete 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.

11/1-19/2018 Perforated 3470-8941' w/ 1344 holes. Frac w/ 1344bbbs Acid 15%, 6769bbbs SW, 101,723bbbs X-Link, 438,835# 100 Mesh, 668,240# SLC, 3,738,060# WS 20/40, 755,700# WS 30/50. 12/3-14/2018 RIH w/ 74jts 3 1/2" J-55 tubing, top of pump @ 2434'

RECEIVED

JAN 09 2019

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #449172 verified by the BLM Well Information System For MACK ENERGY CORPORATION, sent to the Roswell

Name (Printed/Typed) DEANA WEAVER Title PRODUCTION CLERK

Signature (Electronic Submission) Date 01/07/2019

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 _____

Pending BLM approvals will subsequently be reviewed and scanned

1-28-19

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.

any department or agency of the United

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****