

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
Energy, 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
		3 Reason for Filing Code/ Effective Date NW
4 API Number 30-005-64194	5 Pool Name Round Tank; San Andres	6 Pool Code 52770
7 Property Code 37615	8 Property Name Calgary Federal	9 Well Number 6

II. ¹⁰ Surface Location

UI or lot no. G	Section 24	Township 15S	Range 28E	Lot Idn	Feet from the 2310	North/South Line North	Feet from the 1945	East/West line East	County Chaves, NM
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11. Bottom Hole Location

UL or lot no. G	Section 24	Township 15S	Range 28E	Lot Idn	Feet from the 2280	North/South line North	Feet from the 2277	East/West line East	County Chaves, NM
12 Lse Code F	13 Producing Method Code P	14 Gas Connection Date 10/19/2016	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
NM OIL CONSERVATION ARTESIA DISTRICT OCT 27 2016 RECEIVED		

IV. Well Completion Data

21 Spud Date 10/24/2014	22 Ready Date 10/19/2016	23 TD 3443' / 3353	24 PBTD 3393'	25 Perforations 2843-3219'	26 DHC, MC
27 Hole Size	28 Casing & Tubing Size	29 Depth Set	30 Sacks Cement		
12 1/4"	8 5/8" J-55	421'	500sx		
7 7/8"	5 1/2" L-80	3437'	670sx		
	2 7/8" L-80 (Tubing)	3243'			

V. Well Test Data

31 Date New Oil 10/19/2016	32 Gas Delivery Date 10/19/2016	33 Test Date 10/25/16	34 Test Length 24 hours	35 Tbg. Pressure	36 Csg. Pressure
37 Choke Size S8	38 Oil	39 Water 400	40 Gas 30		41 Test Method 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:
10.25.16

Phone:
575-748-1288

OIL CONSERVATION DIVISION

Approved by: Karen Sharp

Title: Bus Oper Spec Adv

Approval Date: 10/27/16

Pending BLM approvals will subsequently be reviewed and scanned

NM OIL CONSERVATION ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 27 2016

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

WELL COMPLETION OR RECOMPLETION REPORT

5. Lease Serial No.
NMNM4433

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
CALGARY FEDERAL 6

9. API Well No.
30-005-64194

10. Field and Pool, or Exploratory
ROUND TANK SAN ANDRES

11. Sec., T., R., M., or Block and Survey
or Area Sec 24 T15S R28E Mer

12. County or Parish
CHAVES

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3723 GL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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: ROBERT CHASE
E-Mail: JERRYS@MEC.COM

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)*

At surface SWNE 2310FNL 1945FEL

At top prod interval reported below SWNE 2277FNL 2284FEL

At total depth SWNE 2280FNL 2277FEL

14. Date Spudded
10/24/2014

15. Date T.D. Reached
10/27/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
09/13/2016

18. Total Depth: MD
TVD 3443

19. Plug Back T.D.: MD
TVD 3393

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL, DLL, FDC, GR

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
12.250	8.625 J-55	32.0	0	421		500		0	0
7.875	5.500 L-80	17.0	0	3437		670		0	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	3243							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
ROUND TANK SAN ANDRES	2843	3219	2843 TO 3041	0.410	40	OPEN
B)			3070 TO 3219	0.410	40	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
2843 TO 3041	48BBLS ACID, 12,603BBLS SW, 20,000# 100 MESH, 259,401# WI 40/70
3070 TO 3219	40BBLS ACID, 11,216BBLS SW, 19,486# 100 MESH, 219,405# WI 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
10/19/2016	10/25/2016	24	→	58.0	30.0	400.0	36.1	0.60	ELECTRIC
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	58	30	400	517		

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas:Oil Ratio	
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		
			→						

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #355877 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-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	1516	1533	SAND, OIL/GAS/WATER	YATES	744
SAN ANDRES	2842	3352	DOLOMITE, OIL/GAS/WATER	SEVEN RIVERS	979
				QUEEN	1469
				GRAYBURG	1872
				SAN ANDRES	2214

32. Additional remarks (include plugging procedure):

8/5-8/2016 PERF 3070.5-3219' W/ 40 HOLES.
 9/7/2016 SET PLUG @ 3060'. PERF 2843-3041.5' W/ 40 HOLES, FRAC W/ 88BBLs ACID,
 23,819BBLs SW, 39,486# 100 MESH, 478,806# WI 40/70.
 9/12/2016 DRILLED OUT PLUG @ 3060'. RIH E/99JTS 2 7/8" J-55 TBG, SN @ 3243' 2 1/2X2X16' 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 #355877 Verified by the BLM Well Information System.
 For MACK ENERGY CORPORATION, sent to the Roswell

Name (please print) DEANA WEAVERTitle PRODUCTION CLERK

Signature _____ (Electronic Submission)

Date 10/25/2016

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. 1004-0135
Expires: July 31, 2010

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM4433
2. Name of Operator MACK ENERGY CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 960 ARTESIA, NM 88210		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 575-748-1288 Fx: 575-746-9539		8. Well Name and No. CALGARY FEDERAL 6
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 24 T15S R28E SWNE 2310FNL 1945FEL		9. API Well No. 30-005-64194
		10. Field and Pool, or Exploratory ROUND TANK SAN ANDRES
		11. County or Parish, and State CHAVES COUNTY, NM

12. CHECK 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> 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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

8/5-8/2016 PERFORATED 3070.5-3219' W/ 40 HOLES.
9/7/2016 SET PLUG @ 3060'. PERFORATED 2843-3041.5' W/ 40 HOLES. FRAC W/ 88BBLS 15% ACID, 23,819BBLS SW, 39,486# 100 MESH, 478,806# WI 40/70.
9/12/2016 DRILLED OUT PLUG @ 3060'. RIH W/99JTS 2 7/8" J-55 TBG, SN @ 3243', 2 1/2X2X16' PUMP.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #355879 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 10/25/2016
THIS SPACE FOR FEDERAL OR STATE OFFICIAL APPROVAL	
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 _____
	Date _____

Pending BLM approvals will
subsequently be reviewed
and scanned

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