NM OIL CONSERVATION
ARTESIA DISTRICT
JAN 12 2015
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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM132677

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: MACK ENERGY CORPORATION — Contact: ROBERT CHASE — E-Mail: JERRYS@MEC.COM

8. Lease Name and Well No.: SEAHAWKS FEDERAL 2

3. Address: P.O. BOX 960, ARTESIA, NM 88211-0960

3a. Phone No. (include area code): Ph: 575-748-1288

9. API Well No.: 30-005-64207-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: NESE 1558FSL 859FEL

At top prod interval reported below: NESE 1656FSL 947FEL

At total depth: NESE 1656FSL 947FEL

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

11. Sec., T., R., M., or Block and Survey or Area: Sec 19 T15S R29E Mer NMP

12. County or Parish: CHAVES — 13. State: NM

14. Date Spudded: 10/17/2014

15. Date T.D. Reached: 10/21/2014

16. Date Completed: ☐ D & A ☒ Ready to Prod. 12/14/2014

17. Elevations (DF, KB, RT, GL)*: 3746 GL

18. Total Depth: MD 3435 TVD 3435

19. Plug Back T.D.: MD 3383 TVD 3383

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): CNLDLLFDCGR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	32.0	0	423		500		0	0
7.875	5.500 L-80	17.0	0	3430		650		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	3275							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	SAN ANDRES	3106	3262	2854 TO 3074	0.420	40	OPEN
B)				3106 TO 3262	0.420	40	OPEN
C)							
D)							

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

Depth Interval	Amount and Type of Material
2854 TO 3074	1000GALS ACID, 12,675BBLS SLICKWATER, 28,573# 100 MESH, 152,907# WHITESAND 40/70.
3106 TO 3262	43BBLS ACID, 14,849BBLS SLICKWATER, 35,889# 100 MESH, 168,984# WHITESAND 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
12/14/2014	12/22/2014	24	→	47.0	70.0	350.0	36.5	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
			→	47	70	350	1489	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 #286809 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

ACCEPTED FOR RECORD
/S/ DAVID R. GLASS
JAN 07 2015

ACCEPTED FOR 6 MONTH PERIOD
ENDING JUN 11 2015

DAVID R. GLASS
PETROLEUM ENGINEER

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	1566	1573	Sand	YATES	807
SAN ANDRES	2850	3270	Dolomite	SEVEN RIVERS	1040
				QUEEN	1534
				GRAYBURG	1930
				SAN ANDRES	2232

32. Additional remarks (include plugging procedure):
11/10/2014 PERFORATED 3106-3262.5' W/ 40 HOLES.
11/12/2014 ACIDIZED W/ 43BBLS 15% ACID & 120 BALLS.
11/25/2014 FRAC W/ 14849 BBLS SLICKWATER, 35,889# 100 MESH, 168,984# WHITESAND 40/70.
SET COMP PLUG @ 3095'. PERFORATED 2854.5-3074.5' W/ 40 HOLES. ACIDIZED W/ 1000 GALS 15% HCL ACID & 120 BALLS. FRAC W/ 12,675BBLS SLICKWATER, 28,573# 100 MESH, 152,907# WHITESAND 40/70.
12/1/2014 DRILLED OUT PLUG @ 3095'. RIH W/ 100JTS 2 7/8" J-55 6.5# TUBING SN @ 3275, 2 1/2 X 2 X 16' 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 #286809 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 01/07/2015 (15DRG0014SE)

Name *(please print)* DEANA WEAVER Title PRODUCTION CLERK

Signature (Electronic Submission) Date 01/05/2015

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 fradulent statements or representations as to any matter within its jurisdiction.

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

Additional data for transaction #286809 that would not fit on the form

32. Additional remarks, continued

Revisions to Operator-Submitted EC Data for Well Completion #286809

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM132677	NMNM132677
Agreement:		
Operator:	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88210 Ph: 575-748-1288	MACK ENERGY CORPORATION P.O. BOX 960 ARTESIA, NM 88211-0960 Ph: 505-748-3436
Admin Contact:	ROBERT CHASE VICE PRESIDENT E-Mail: JERRYS@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539	ROBERT CHASE VICE PRESIDENT E-Mail: JERRYS@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539
Tech Contact:	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539	DEANA WEAVER PRODUCTION CLERK E-Mail: DWEAVER@MEC.COM Ph: 575-748-1288 Fx: 575-746-9539
Well Name: Number:	SEAHAWKS FEDERAL 2	SEAHAWKS FEDERAL 2
Location: State: County: S/T/R: Surf Loc:	 NM CHAVES Sec 19 T15S R29E Mer NESE 1588FSL 859FEL	 NM CHAVES Sec 19 T15S R29E Mer NMP NESE 1558FSL 859FEL
Field/Pool:	ROUND TANK SAN ANDRES	ROUND TANK-SAN ANDRES
Logs Run:	CNL DLL FDC GR	CNLDLLFDCGR
Producing Intervals - Formations:	ROUND TANK SAN ANDRES ROUND TANK SAN ANDRES	SAN ANDRES
Porous Zones:	QUEEN SAN ANDRES	QUEEN SAN ANDRES
Markers:	YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES