

NM OIL CONSERVATION
ARTESIA DISTRICT

NMOCD
Artesia

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
RECEIVED

5. Lease Serial No. NMNM131580

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. PRINCE RUPERT FEDERAL 1

9. API Well No. 30-005-64222-00-S1

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

11. Sec., T., R., M., or Block and Survey or Area Sec 20 T15S R29E Mer NMP

12. County or Parish CHAVES 13. State NM

14. Date Spudded 08/12/2016 15. Date T.D. Reached 08/15/2016 16. Date Completed D & A Ready to Prod. 09/27/2016 17. Elevations (DF, KB, RT, GL)* 3749 GL

18. Total Depth: MD 3497 TVD 3477 19. Plug Back T.D.: MD 3437 TVD 3437 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? 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.0	0	205		640	152	0	
7.875	5.500 J-55	17.0	0	3497		325	77	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	3337							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SAN ANDRES	2870	3323	2870 TO 3106	0.410	40	OPEN
B)			3132 TO 3323	0.410	40	OPEN
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
2870 TO 3323	47BBLs 15% ACID, 24,651BBLs SW, 40080# 100 MESH, 494,970# 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
10/08/2016	10/11/2016	24	→	44.0	62.0	400.0	37.2	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	
	SI		→	44	62	400	1409	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	
	SI		→						

ACCEPTED FOR RECORD
DAVID R. GLASS
OCT 19 2016

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

ELECTRONIC SUBMISSION #355268 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE:
MAR 27 2017

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
QUATERNARY	0	80	SAND, OIL/GAS/WATER DOLOMITE, OIL/GAS/WATER	RUSTLER	80
QUEEN	1554	1569		TOP OF SALT	185
SAN ANDRES	2860	3325		YATES	824
				SEVEN RIVERS	1059
				QUEEN	1554
				GRAYBURG	1950
				SAN ANDRES	2252

32. Additional remarks (include plugging procedure):

9/19-22/2016 PERFORATED 3132.5-3323.5' & 2870.5-3106' W/ 40 HOLES. ACIDIZED 47BBLs 15% ACID, SET PLUG @ 3120'. FRAC W/ 24,651BBLs SW, 40,080# 100 MESH, 494,970# WI 40/70.
9/26/2016 Drilled out plug @ 3120'.
9/27/2016 RIH w/ 2 7/8", 6.5@ tbg, SN @ 3337', 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 #355268 Verified by the BLM Well Information System.
For MACK ENERGY CORPORATION, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 10/19/2016 (17DRG0006SE)**

Name (please print) DEANA WEAVER Title PRODUCTION CLERK

Signature _____ (Electronic Submission) Date 10/19/2016

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.