

CONSERVATION
ARTESIA DISTRICT
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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy
DEC 22 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG PRODUCTION

5. Lease Serial No. NMLC064827A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. MNM70965X

8. Lease Name and Well No. JAMES RANCH UNIT D11 135H

9. API Well No. 30-015-42376

10. Field and Pool, or Exploratory QUAHADA RIDGE, DELAWARE, SE

11. Sec., T., R., M., or Block and Survey or Area Sec 21 T22S R30E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 05/28/2014 15. Date T.D. Reached 07/06/2014 16. Date Completed D & A Ready to Prod. 08/09/2014 17. Elevations (DF, KB, RT, GL)* 3167 GL

18. Total Depth: MD 19043 TVD 7167 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) NO LOGS RUN 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
17.500	13.375 J55	54.5		503		450	227	0	
12.250	9.625 J55	40.0		3563		2095	690	200	
8.750	7.000 HCP110	26.0		7248	5081	965	295	0	
6.125	4.500 HCP110	11.6	7133	19033					

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	6039							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) L. BRUSHY CANYON	7487		7542 TO 19043			OH COMPLETION SYSTEM
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7542 TO 19043	FRAC USING TOTAL 74383 BBLs FLUID, 1017140# PROPANT ACROSS 36 STAGES

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
08/13/2014	08/18/2014	24	▶	732.0	680.0	3236.0	40.8		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			▶	732	680	3236	929	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	Well Status
			▶						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			▶						

ACCEPTED FOR RECORD
DEC 12 2014
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

OB

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

ELECTRONIC SUBMISSION #267227 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

DUE 2/18/15

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
BELL CANYON	3570	4448	SANDSTONE SANDSTONE SANDSTONE (BTM NOT REACHED)	RUSTLER	168
CHERRY CANYON	4448	5773		SALADO/T. SALT	532
BRUSHY CANYON	5773			B. SALT	3272
				LAMAR	3525
				BELL CANYON	3570
				CHERRY CANYON	3570
				L. CHERRY CANYON	5727
				BRUSHY CANYON	5773

32. Additional remarks (include plugging procedure):
Cement did not circulate on 9-5/8" csg. Volume reported includes 905 sx (600.1 bbls) for top out. TOC determined by CBL.

****CONFIDENTIAL COMPLETION****

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 #267227 Verified by the BLM Well Information System.
For BOPCO LP, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 12/11/2014 ()

Name(please print) TRACIE J CHERRY Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 09/30/2014

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.

** ORIGINAL **