

HOBBS OCD
RECEIVED
AUG 22 2017

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM114986

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM137146

8. Lease Name and Well No.
AZUL STATE 13 FEDERAL COM 1H

9. API Well No.
30-025-43542-00-S1

10. Field and Pool, or Exploratory
BELL LAKE-BONE SPRING, NORTH

11. Sec., T., R., M., or Block and Survey
or Area Sec 13 T23S R33E Mer NMP

12. County or Parish
LEA

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3574 GL

18. Total Depth: MD 13998 TVD 9711

19. Plug Back T.D.: MD 13970 TVD 9709

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNLL-GRRES

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
CIMAREX ENERGY COMPANY Contact: TERRI STATHEM
E-Mail: tstathem@cimarex.com

3. Address 202 S CHEYENNE AVE SUITE 1000
TULSA, OK 74103

3a. Phone No. (include area code)
Ph: 432-620-1936

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NWNW 335FNL 360FWL 32.310993 N Lat, 103.533455 W Lon
At top prod interval reported below NWNW 935FNL 380FWL
At total depth SWSW 331FSL 385FWL

14. Date Spudded
01/30/2017

15. Date T.D. Reached
02/19/2017

16. Date Completed
 D & A Ready to Prod.
04/17/2017

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 H-40	48.0	0	1126	261	950		0	0
12.250	9.625 J-55	40.0	0	5148		2190		0	0
8.500	5.500 HCL-80	20.0	0	13998		2210		1810	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)
2.375	9121	9121						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9643	13970	9643 TO 13970	0.400	646	OPEN - Bone Spring
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9643 TO 13970	224862 BBLs TOTAL FLUID; 13100354# PROPPANT

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
04/17/2017	05/05/2017	24	→	572.0	1033.0	2466.0	42.9		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
44/64	SI	500	→	572	1033	2466	1806	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD
DAVID P. GLASS
PETROLEUM ENGINEER
JUL 07 2017

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

ELECTRONIC SUBMISSION #378966 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

RECLAMATION DUE:
OCT 17 2017

DAVID P. GLASS
PETROLEUM ENGINEER

KZ

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.)
CAPTURED

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
RUSTLER	0	1286	WATER	RUSTLER	1286
SALADO	1286	5211	SALT	CASTILE	3550
BRUSHY CANYON	7761	8881	OIL/GAS	BASE OF SALT	4820
BONE SPRING	9643	13970	OIL/GAS	DELAWARE	5211
				BELL CANYON	5261
				CHERRY CANYON	6051
				BRUSHY CANYON	7761
				BONE SPRING	8881

32. Additional remarks (include plugging procedure):
LOGS SENT VIA OVERNIGHT MAIL

PRODUCTION CASING - PLEASE SEE DRILL OPS SUNDRY FOR MORE DETAILS

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 #378966 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH HAM on 06/20/2017 (17DMH0143SE)**

Name (please print) TERRI STATHEM Title MANAGER REGULATORY COMPLIANCE

Signature _____ (Electronic Submission) Date 06/15/2017

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.

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