

HOBBS OCD

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 28 2018

OCD Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM128835

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 _____ Name and No.

2. Name of Operator **CIMAREX ENERGY COMPANY OF TEXAS** Contact: **FATIMA VASQUEZ**
Email: **fvasquez@cimarex.com**

8. Lease Name and Well No.
LEA 7 FEDERAL COM 2H

3. Address **600 N MARIENFELD STE 600
MIDLAND, TX 79703**

3a. Phone No. (include area code)
Ph: **432-620-1933**

9. API Well No.
30-025-42546-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Sec 7 T20S R35E Mer NMP
SESW 505FSL 1597FWL 32.581772 N Lat, 103.499981 W Lon**
At top prod interval reported below
Sec 7 T20S R35E Mer NMP
At total depth **NENW 331FNL 1992FWL 32.593994 N Lat, 103.498692 W Lon**

10. Field and Pool, or Exploratory
WC025G08S203506D-BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area **Sec 7 T20S R35E Mer NMP**

12. County or Parish
LEA

13. State
NM

14. Date Spudded
02/09/2018

15. Date T.D. Reached
02/28/2018

16. Date Completed
 D & A Ready to Prod.
07/24/2018

17. Elevations (DF, KB, RT, GL)*
3672 GL

18. Total Depth: MD **15732** TVD **11175**

19. Plug Back T.D.: MD **15729** TVD **15729**

20. Depth Bridge Plug Set: MD **TVD**

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

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 J-55	54.5	0	1845		1350		0	
12.250	9.625 J-55	40.0	0	5622		3765		0	
8.750	5.500 HCP-110	20.0	0	15732		2500		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)
<i>Tubing exception</i>								

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING			11453 TO 15704		630	OPEN
B) BONE SPRING 3RD	11080	11240				
C)						
D)						

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

Depth Interval	Amount and Type of Material
11453 TO 15704	166,146 BBLs OF TOTAL FLUID & 8,666,914# SAND

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
07/24/2018	08/14/2018	24	→	1443.0	1468.0	712.0			Flows from Well
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
44	SI	825.0	→	1443	1468	712	1017	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
07/24/2018	08/14/2018	24	→	1443.0	1468.0	712.0	44.5		Flows from Well
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
44	SI	825.0	→	1443	1468	712	1017	POW	

ACCEPTED FOR RECORD
NOV 17 2018
Dinah Hignett
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #436062 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

Reclamation Due: 1/24/2019

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
CHERRY CANYON	5740	8110	SANDSTONE; WATER	RUSTLER	1800
BRUSHY CANYON	8110	8299	SANDSTONE; WATER	TANSILL	3380
BONE SPRING	8299	9606	SANDSTONE; WATER, OIL, GAS	SEVEN RIVERS	3880
BONE SPRING 1ST	9606	10233	SANDSTONE; WATER, OIL, GAS	CHERRY CANYON	5740
BONE SPRING 2ND	10233	11080	SANDSTONE; WATER, OIL, GAS	BRUSHY CANYON	8110
BONE SPRING 3RD	11080	11240	SANDSTONE; WATER, OIL, GAS	BONE SPRING	8299
WOLFCAMP	11240			BONE SPRING 1ST	9606
				BONE SPRING 2ND	10233

32. Additional remarks (include plugging procedure):

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 #436062 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH HAM on 09/19/2018 (18DMH0099SE)**

Name (please print) FATIMA VASQUEZ Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 09/19/2018

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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-42546		² Pool Code 97983		³ Pool Name WC-025 G-08 S203506D; BS	
⁴ Property Code 313878		⁵ Property Name LEA 7 FEDERAL COM			⁶ Well Number 2H
⁷ OGRID No. 215099		⁸ Operator Name CIMAREX ENERGY CO.			⁹ Elevation 3674.9'

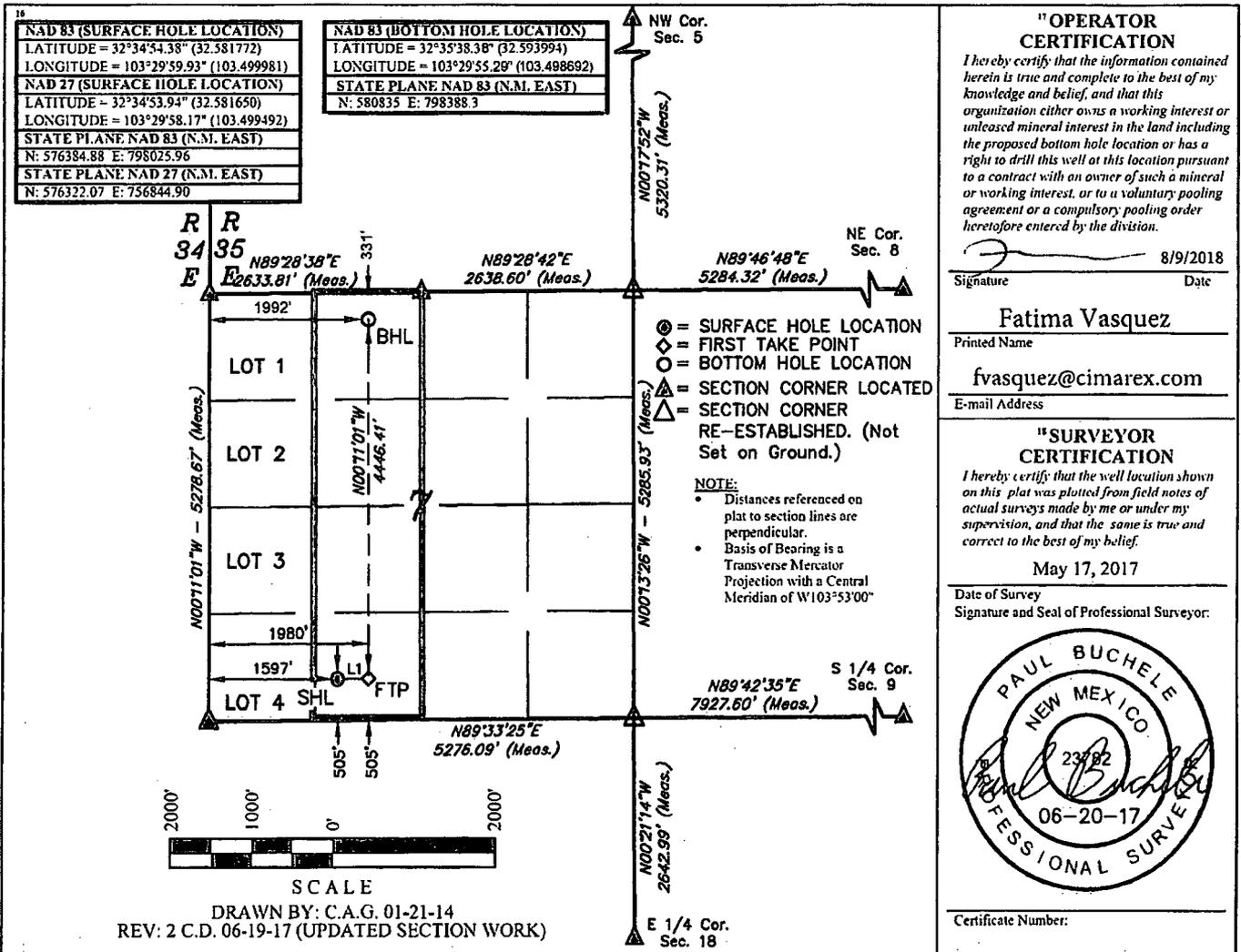
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
N	7	20S	35E		505	SOUTH	1597	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	7	20S	35E		331	NORTH	1992	WEST	LEA
¹² Dedicated Acres 160		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Intent As Drilled

API # 30-025-42546		
Operator Name: Cimarex Energy	Property Name: Lea 7 Federal COM	Well Number 2H

Kick Off Point (KOP)

UL N	Section 7	Township 20S	Range 35E	Lot	Feet 505	From N/S South	Feet 1597	From E/W West	County Lea
Latitude 32.581772					Longitude 103.499981				NAD 83

First Take Point (FTP)

UL N	Section 7	Township 20S	Range 35E	Lot	Feet 339	From N/S South	Feet 1904	From E/W West	County Lea
Latitude 32.581311					Longitude 103.498989				NAD 83

Last Take Point (LTP)

UL C	Section 7	Township 20S	Range 35E	Lot	Feet 331	From N/S North	Feet 1992	From E/W West	County Lea
Latitude 32.593994					Longitude 103.498692				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? No

Is this well an infill well? Yes

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name: Cimarex Energy	Property Name: Lea 7 Federal COM	Well Number