

HOBSOCD

Form 3160-1

FEB 08 2012

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
Expires July 31 2010

RECEIVED

COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No
NMNM111530

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6 If Indian, Allottee or Tribe Name		
1b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv. Other			7 Unit or CA Agreement Name and No		
2 Name of Operator CIMAREX ENERGY COMPANY OF TEXAS Contact TERRI STATHEM Email tstatthem@cimarex.com			8 Lease Name and Well No GADWALL 18 FEDERAL COM 2		
3 Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701			9 API Well No 30-015-39141-00-S1		
4 Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 18 T25S R27E Mer NMP At surface NENW 150FNL 2310FWL 32 123578 N Lat, 104 230872 W Lon At top prod interval reported below Sec 18 T25S R27E Mer NMP At total depth SEC 18 T25S R27E Mer NMP 332/5 # 2225/6			10 Field and Pool or Exploratory COTTONWOOD DRAW; AS 11 Sec, T, R, M, or Block and Survey or Area Sec 18 T25S R27E Mer NMP 12 County or Parish EDDY 13 State NM		
14 Date Spudded 09/15/2011		15 Date T.D. Reached 10/24/2011		16 Date Completed ☐ D & A ☒ Ready to Prod 11/23/2011	
17 Elevations (DI, KB, RT, GL)* 3195 GL		18 Total Depth MD 12379 TVD 7795		19 Plug Back T.D. MD 12335 TVD	
20 Depth Bridge Plug Set MD TVD		21 Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL 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
17.500	13.375 H-40	48.0	0	450		339		0	
11.000	9.625 J-55	36.0	0	1896		700		0	
8.750	5.500 P-110	17.0	0	12379		2090		6554	

24 Tubing Record

Size	Depth Set (MD)	Packet Depth (MD)	Size	Depth Set (MD)	Packet Depth (MD)	Size	Depth Set (MD)	Packet Depth (MD)
2.875	7400							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8018	122557	8018 TO 12257		200	OPEN
B)						
C)						
D)						

27 Acid Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
8018 TO 12257	869739 gal Borate XL, 1198755# white 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
11/24/2011	12/09/2011	24	→	106.0	450.0	515.0	45.7		GAS LIFT
Choke Size	Flow Press	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI	1100	1100.0	→	106	450	515	4245	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	Flow Press	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
SI			→						

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

ELECTRONIC SUBMISSION #127596 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

28b Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Cent 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 Cent 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
TOP SALT	1161				
BASE OF SALT	1760				
DELAWARE	1961				
BONE SPRING	5441				
1ST BONE SPRING	6378				
2ND BONE SPRING	6959				

32 Additional remarks (include plugging procedure)
Logs submitted USPS

- 33 Circle enclosed attachments
- | | | | |
|--|-------------------|--------------|----------------------|
| 1 Electrical/Mechanical Logs (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 #127596 Verified by the BLM Well Information System,
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 01/11/2012 (12KMS0653SE)**

Name (please print) TERRI STATHEM Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission) Date 01/09/2012

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

Revisions to Operator-Submitted EC Data for Well Completion #127596

	Operator Submitted	BLM Revised (AFMSS)
Lease	NMNM111530	NMNM111530
Agreement		
Operator	CIMAREX ENERGY COMPANY 600 N MARIENFELD STREET, STE 600 MIDLAND, TX 79701 Ph 432-620-1936	CIMAREX ENERGY COMPANY OF CO 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701 Ph 432 571 7800
Admin Contact	TERRI STATHEM REGULATORY ANALYST E-Mail tstathem@cimarex.com Ph 432-620-1936	TERRI STATHEM AUTHORIZED REPRESENTATIVE E-Mail tstathem@cimarex.com Ph 432 571 7800
Tech Contact	TERRI STATHEM REGULATORY ANALYST E-Mail tstathem@cimarex.com Ph 432-620-1936	TERRI STATHEM AUTHORIZED REPRESENTATIVE E-Mail tstathem@cimarex.com Ph 432 571 7800
Well Name Number	GADWALL 18 FEDERAL COM 2	GADWALL 18 FEDERAL COM 2
Location State County S/T/R Surf Loc	NM EDDY Sec 18 T25S R27E Mer NMP NENW 150FNL 2310FWL	NM EDDY Sec 18 T25S R27E Mer NMP NENW 150FNL 2310FWL 32 123578 N Lat, 104 230872 W Lon
Field/Pool	WILDCAT BONE SPRING	BONE SPRINGS
Logs Run	DLL, GR	DLL GR
Producing Intervals - Formations	BONE SPRING	BONE SPRING
Porous Zones	T SALT B SALT DELAWARE BONE SPRING 1ST BONE SPRING 2ND BONE SPRING	TOP SALT BASE OF SALT DELAWARE BONE SPRING 1ST BONE SPRING 2ND BONE SPRING
Markers		