Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR

Operator Copy

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

Other  2. Name of Operator CIMAREX ENERGY CO. OF COLORADOBII: nkrueger@cimarex.com  3. Address 600 N. MARIENFELD ST., STE. 600 MIDLAND, TX 79701  4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface NWNW Lot 4 330FNL 330FWL 32.69575 N.Lat, 103.93299 W Lon  At top prod interval reported below NWNW Lot 4 430FNL 341FWL  At total depth SWSW 333FSL 674FWL  14. Date Spudded 07/30/2010  15. Date T.D. Reached 09/19/2010  16. Date Completed D&A 10/31/2010  17. Total Depth: MD 13127 19. Plug Back T.D.: MD 13098	36N501	7. Unit or CA.  8. Lease Name CRESCEN  9. API Well No.  10. Field and T.  BONE SPI  11. Sec. T., R.  or Area Se  12. County or EDDY	613    Continued on Tribe Name		
b. Type of Completion New Well Work Over Deepen Plug Back Diff Other  2. Name of Operator CIMAREX ENERGY CO. OF COLORADOBII: nkrueger@cimarex.com  3. Address 600 N. MARIENFELD ST., STE. 600 MIDLAND, TX 79701  4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface NWNW Lot 4 330FNL 330FWL 32.69575 N.Lat, 103.93299 W.Lon At top prod interval reported below NWNW Lot 4 430FNL 341FWL  At lotal depth SWSW 333FSL 674FWL  14. Date Spudded 07/30/2010  15. Date T.D. Reached 09/19/2010  16. Date Completed 09/19/2010  17. Total Depth: MD 13127 19. Plug Back T.D.: MD 13098	de) BENSON	6. If Indian, Al 7. Unit or CA 8. Lease Name CRESCEN 9. API Well No 10. Field and F BONE SPI 11. Sec., T., R, or Area Se 12. County or EDDY	Agreement Name and No.  e and Well No.  NT HALE 1 FEDERAL COM 00  o.  30-015-37652  Pool, or Exploratory RING VIEDICAT  J 200  M., or Block and Survey ec 1 T19S R30E Mer NMP Parish 13, State		
b. Type of Completion New Well Work Over Deepen Plug Back Diff Other  2. Name of Operator Contact: NATALIE E KRUEGER CIMAREX ENERGY CO. OF COLORADDail: nkrueger@cimarex.com  3. Address 600 N. MARIENFELD ST., STE. 600 MIDLAND, TX 79701  4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface NWNW Lot 4 330FNL 330FWL 32.69575 N.Lat, 103.93299 W Lon At top prod interval reported below NWNW Lot 4 430FNL 341FWL  At total depth SWSW 333FSL 674FWL  14. Date Spudded 07/30/2010  15. Date T.D. Reached 09/19/2010  16. Date Completed 09/19/2010  17. Date T.D. Reached 10/31/2010  18. Total Depth: MD 13127 19. Plug Back T.D.: MD 13098	de) BENSON	7. Unit or CA.  8. Lease Name CRESCEN  9. API Well No.  10. Field and T.  BONE SPI  11. Sec. T., R.  or Area Se  12. County or EDDY	Agreement Name and No.  e and Well No.  NT HALE 1 FEDERAL COM 00  o.  30-015-37652  Pool, or.Exploratory RING WHEREAT 5200  "M., or Block and Survey ec 1 T19S R30E Mer NMP Parish 13, State		
Other	de) BENSON	8. Lease Name CRESCEN 9. API Well No 10. Field and I BONE SPI 11. Sec., T., R. or Area Se 12. County or EDDY	and Well No.  NT HALE 1 FEDERAL COM 00  30-015-37652  Pool, or.Exploratory RING WHEDICAT 5 2 0 C  , M., or Block and Survey ec 1 T19S R30E Mer NMP  Parish [13, State		
CIMAREX ENERGY CO. OF COLORADDail: nkrueger@cimarex.com  3. Address 600 N. MARIENFELD ST., STE. 600 Ph: 432-620-1936  4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface NWNW Lot 4 330FNL 330FWL 32.69575 N.Lat, 103.93299 W Lon  At top prod interval reported below NWNW Lot 4 430FNL 341FWL  At total depth SWSW 333FSL 674FWL  14. Date Spudded 07/30/2010 15. Date T.D. Reached 09/19/2010 16. Date Completed 10/31/2010  18. Total Depth: MD 13127 19. Plug Back T.D.: MD 13098	36N501	ORESCEN  ORE	NT HALE 1 FEDERAL COM 00  30-015-37652  Pool, or Exploratory RING WHEDICAT 5 2 0 C  , M., or Block and Survey ec 1 T19S R30E Mer NMP Parish [13, State		
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At total depth SWSW 333FSL 674FWL  14. Date Spudded 07/30/2010	o Prod.	EDDY			
14. Date Spudded 07/30/2010       15. Date T.D. Reached 09/19/2010       16. Date Completed D&A MR Ready to 10/31/2010         18. Total Depth:       MD       13127       19. Plug Back T.D.:       MD       13098	o Prod.	1			
10/31/2010 10/31/2010 10/31/2010 13/12/10/10 13/12/10 13/10 13/12/10 13/12/10 13/10 13/10 13/10 13/12/10 13/10	Prod:		(DF, KB, RT, GL)*		
		35	515 GL		
TVD 8698 TVD 8698	:20. Dep	oth Bridge Plug S	Set: MD TVD		
	is well cored	3? <b>№</b> №	Yes (Submit analysis) Yes (Submit analysis)		
Dir	ectional Sui		Yes (Submit analysis)		
23. Casing and Liner Record (Report all strings set in well)					
Hole Size   Size/Grade   Wt. (#/ft.)   Top   Bottom   Stage Cementer   No. of Sks. & Type of Cemen	1		Top* Amount Pulled		
	20		0		
	15		0		
8.750 5.500 P110 17.0 0 13127	o o		2750		
24. Tubing Record					
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)	Size	Depth Set (M	(MD) Packer Depth (MD)		
2.875 8229		347111311	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
25. Producing Intervals 26. Perforation Record		***************************************			
Formation Top Bottom Perforated Interval	Size	No. Holes	Perf. Status		
A) BONE SPRING 8671 13069 8671 TO 9369 B) 9599 TO 10297	0.42				
C) 9599 10 10297 C) 10526 TO 11221		0.420 40 OPEN 0.420 40 OPEN			
D) 11450 TO 12145	0.4		O OPEN, SEE LAST STAGE II		
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	0,4	20] 40	JOREN, OLL BIOT OTAGE II		
Depth Interval Amount and Type of	Material				
8671 TO 9369 165,623 GAL 20# BORATE XL 226,110#.20/40 WHITE SAND 9599 TO 10297 165,474 GAL 20# BORATE XL 229,554# 20/40 WHITE SAND					
10526 TO 11221 176,509 GAL 20# BORATE XL 246,132# 20/40 WHITE SAND	·				
11450 TO 12145 183,863 GAL 20# BORATE XL 244,821# 20/40 WHITE SAND, SEE LAS	ST STAGE IN	N BOX 53			
28. Production - Interval A					
Date First Test Hours Test Oil Gas Water Oil Gravity Gas Produced Date Tested Production BBL MCF BBL Corr. API Gra		Production Method			
11/01/2010 11/24/2010 24 — 231.0 105.0 86.0 40.7	1.39	ELECTRIC	PUMP SUB-SURFACE		
Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas.Oil Wel Size Flwg. 100 Press. Rate BBL. MCF BBL Ratio	l Status		and the second of the second o		
24/64 SI 100.0 — 455	POW	MEDIEN E	OR RECORD		
28a. Production - Interval B	MU	<u>YLLILDİ</u>	VIIIII		
Date First Test Hours Test Oil Gas Water Oil Gravity Gas Produced Date Tested Production BBL MCF BBL Corr. API Gra	vity .	Production Method	7 2011		
Choke Tbg Press Csg. 24 Hr. Oil Gas Water Gas.Oil Wei Size Flwg Press. Rate BBL MCF BBL Ratio	n-Statu)	<u>J∆N 2</u> /s/ Dustin			
SI —		LIDEALL AND LAN	TO MANAGEMENT		
(See Instructions and spaces for additional data on reverse side) ELECTRONIC SUBMISSION #100217 VERIFIED BY THE BLM WELL INFORMATION SYSTEM ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** O	. 1	<ul> <li>CVRC2RVn3</li> </ul>	ricio orrioc		

28b. Pro	duction - Inte	rval C	<del>-</del>								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravit	у	Production Method	
Choke	Tbg. Press.	Csg	24 Hr.	Oil	Gas	Water	Gas:Oil	Well S	itatus		
Size	Flwg. SI	Press.	Rate	BBL.	MCF	BBL	Ratio				
28c. Proc	luction - Inter	val D			_L		_1	11			
Date First Produced	Test Date	Hours Tested	Test Production	Oil	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravit	у	Production Method	-
Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Weils	itatus		
29. Dispo	osition of Gas	(Sold, used	for fuel, ve	nted, etc.)	1						
	nary of Porou	s Zones (Ir	iclude Aqui	fers):					31. Fo	rmation (Log) Markers	
tests,	all important including dep ecoveries.	t zones of poth interval	orosity and tested, cusl	contents the tion used, tin	reof: Core	d intervals and en, flowing an	d all drill-stem id shut-in pressu	res			
Formation			Тор	Bottom		Descriptions, Contents, etc.				Name	Top Meas, Depth
								<del></del>		RST BONE SPRING ECOND BONE SPRING	7644 8495
					:						
			•								
		Ì									
											Ī
32 8440	ional remarks	Vinclude n	lugging pro	cedure):					<u> </u>		
Pleas of sx.	se note: prod	luction car	sing cemer	nt was 788.5	bblsdd	o not have th	e amount in nu	ımber			
Conti	nued Perf/F	rac info:	2 N A 2 cia	40 holes	Frac w/ 1	76 010 aa  2	20# Borate XL				
247,6	77# 20/40 V	Vhite San	d.	, 40 110103.	, , , , , , ,	110,010 gai 2	to# Dolate AL				
Logs	will be sent	via regula	r mail.								
	enclosed atta		e (1 full cat	reald )		2 Gaalagie	Papart	2	Der Da	mort 4 Direct	ional Currey
<ol> <li>Electrical/Mechanical Logs (1 full set req'd.)</li> <li>Sundry Notice for plugging and cement verification</li> </ol>					<ol> <li>Geologie</li> <li>Core An</li> </ol>	-		DST Re Other:	ort 4. Directional Survey		
	·										
34. I here	by certify tha	t the forego								e records (see attached instruc	ctions):
			Elect 1	For CIMAR	ission #10 EX ENEI	RGY CO. OF	d by the BLM V COLORADO,	sent to the	Carlsba	ystem. ad	
Name	(please print)	NATALIE	E E KRUE	GER			Title F	REGULATO	DRY		
Signature (Electronic Submission)						Date (	Date 01/07/2011				
					<del></del>						
Title 181	S.C. Section	1001 and	Title 43 11 5	S.C. Section	212 mak	e it a crime to	or any person kno	owingly and	willfull	y to make to any department o	r agency