Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000 Rule 165: 10-3-25

API No.: 35017244190000

Drill Type:

OTC Prod. Unit No.: 017-208256

Well Name: BOLLINGER 1-27HL

Completion Report

Spud Date: June 05, 2012

Drilling Finished Date: August 06, 2012 1st Prod Date: September 07, 2012 Completion Date: September 11, 2012

Min Gas Allowable: Yes

Purchaser/Measurer: DCP MIDSTREAM

First Sales Date: 09/07/2012

Location: CANADIAN 27 11N 8W N2 NE NE NE 215 FNL 330 FEL of 1/4 SEC Latitude: 35.405583 Longitude: -98.026417

Derrick Elevation: 1323 Ground Elevation: 1298

HORIZONTAL HOLE

Operator: CIMAREX ENERGY CO 21194

15 E 5TH ST STE 1000 TULSA, OK 74103-4311

	Completion Type	Location Exception	Increased Density
Х	Single Zone	Order No	Order No
	Multiple Zone	597176	There are no Increased Density records to display.
	Commingled	607980	
		597175	

				C	asing and Cem	ent				
Т	уре		Size	Weight	Grade	Fe	et	PSI	SAX	Top of CMT
CONE	CONDUCTOR					7	0		10	SURFACE
SURFACE			13 3/8	54.5	J-55	15	1520 200		892	SURFACE
INTER	INTERMEDIATE			40	N-80, P-110	104	30	45000	480	8400
PROD	UCTION		5 1/2	20	P-110	183	32	9000	2188	9930
					Liner				_	
Туре	Size	Wei	ght	Grade	Length	PSI	PSI SAX		Depth	Bottom Depth
	-		-	There are	no Liner record	s to displa	ay.	-		-

Total Depth: 19613

Pac	ker
Depth	Brand & Type
There are no Packe	r records to display.

PI	ug
Depth	Plug Type
There are no Plug	records to display.

				Initial	Test	t Data					
Test Date	Formation	Oil BBL/Day	Oil-Grav (API)			Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure
Sep 24, 2012	WOODFORD	255.5	60	212	7	8324	520	FLOWING	5631	20/64	
		Con	npletion	and Test Da	ata b	y Producing F	ormation				
	Formation Name: WOOD	DFORD		Code	e: 319	9WDFD	С	lass: OIL			
	Spacing Orders					Perforated I	ntervals				
Order No Unit Size				From To							
5633	394	640		1	1793	3	18308				
	Acid Volumes					Fracture Tre	atments		7		
There a	re no Acid Volume records	to display.		6,024,85	58 25	5XL BORATE, \$	5,697,743 3	0/50 SAND			
Formation		Т	ор		W	'ere open hole l	ogs run? No				
TONKAWA				7255		ate last log run:	•				
COTTAGE GR	OVE			7930	W	'ere unusual dri	lling circums	tances encou	untered? No		
HOGSHOOTEI	2			8244							
CHECKERBOA	ARD			8646							

Other Remarks
DRILLED TO 19,613', TRIPPED OUT FOR NEXT BIT AND STUCK PIPE @ 18,625'. TOP OF STUCK TOOLS @ 18,530'. IRREGULAR SECTION.
OCC: FLE ORDER HAS NOT BEEN ISSUED. WE HAVE ACCEPTED OPERATORS DAT AS SUBMITTED.

9665

10008

10227

10311

10459

11347

11627

CHEROKEE

PINK LIME

INOLA

ΑΤΟΚΑ

CHESTER LIME

SYCAMORE

WOODFORD

Lateral Holes

Sec: 34 TWP: 11N RGE: 8W County: CANADIAN

NW SE NE SE

1935 FSL 374 FEL of 1/4 SEC

Depth of Deviation: 10964 Radius of Turn: 950 Direction: 180 Total Length: 7406

Measured Total Depth: 19613 True Vertical Depth: 11938 End Pt. Location From Release, Unit or Property Line: 374

FOR COMMISSION USE ONLY

Status: Accepted

1116852

	7							JAV B		
API 017-24419 NO. 017-24419 OTC PROD. 017-208256 UNIT NO.	PLEASE TYPE OR USE NOTE: Attach copy of origina				Oil & Ga	ORPORATIC s Conservati t Office Box :		Ţ	OCT 2	9 2012 Re
X ORIGINAL AMENDED (Reason)						ity, Oklahom Rule 165:10- PLETION R		OKLAH	oma co Commi	ORPORATIC SSION
TYPE OF DRILLING OPERATI	ON			-					640 Acres	I
	DIRECTIONAL HOLE	Хно	RIZONTAL HOLE		DATE	6-4	-12			*
SERVICE WELL	reverse for bottom hole loc	ation.		DRLC	G FINISHED	8-6	-12			
COUNTY Canad	lian SEC 27	TWP 11	IN RGE 10V		E OF WELL PLETION	9-11	-12			
LEASE	Bollinger		WELL 1-2		ROD DATE	9-7	-12			
N2 1/4 NE 1/4 NE	1/4 NE 1/4 FNL	215	FEL OF 3	30 RECO	OMP DATE	N/	va v			
ELEVATION 1323 Grou			vn) 35.4055			-98.02				
	nergy Co. (attn: /				OPERATOR N	· 2119	94-0			
ADDRESS	15	E. 5th	Street, Suite	e 1000						
CITY	Tulsa		STATE	OK	K ZIP	741	03	L	OCATE WE	
OMPLETION TYPE		CA	SING & CEMENT	(Form 10)	02C must be	attached)				
X SINGLE ZONE			TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
MULTIPLE ZONE Application Date		со	NDUCTOR	20			70			0
COMMINGLED		sui	RFACE	13 3/8	54,5	J-55	1520	2000	892	0
Application Date	D-201200872	'		9 5/8	40	N-80		45000	480	8,400
ORDER NO. C						P110	10,430			
ORDER NO.		PR		5 1/2	20	P110	18325	9000	2188	9,930
		LIN	ER							
PACKER @ BRAI		PLU	JG @	TYPE	E	PLUG @	TYPE		TOTAL DEPTH	19,613
PACKER @ BRAI			JG @	TYPE			TYPE			
COMPLETION & TEST DAT		RMATION	319 VV	<u>DFD</u>						
ORMATION	Woodford	-			//////					
SPACING & SPACING	640 acre/ 5633	94			-7/11/1			///////////////////////////////////////	1111	
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj,					- Ø n				<u> </u>	_
Disp, Comm Disp, Svc	Gas				AH	55	UBMI	TTER		
					hand					
								///////////////////////////////////////		
PERFORATED NTERVALS	11793-18308	5								
							e			
CID/VOLUME	N/A									
	6,024,858 - 25	SXL -								
RACTURE TREATMENT	Borate 5,697,743 - 30	/50								
Fluids/Prop Amounts)	Sand									
			_							
	Min G	as Allowa OR	able (165:	10-17-7)			urchaser/Measurer sales Date			idstream 2012
NITIAL TEST DATA		lowable	(165:10-13-3)						5/11	
NITIAL TEST DATE	9/24/2012									
DIL-BBL/DAY	255.5									
DIL-GRAVITY (API)	60.0									
GAS-MCF/DAY	<u>2127</u> 8324.85	_								
VATER-BBL/DAY	520									
UMPING OR FLOWING	flowing									
NITIAL SHUT-IN PRESSURE	5631									
HOKE SIZE	20/64									
LOW TUBING PRESSURE	N/A									
A record of the formations drille make this leptrt, which was p	ed through, and pertinent r prepare by mean under n	emarks ar ny supervi			declare that I h a and facts sta Easterling		ge of the contents of t be true, correct, and o	his report and am a complete to the bes 10/24/201		y my organization wiedge and belief. 18-560-7060
SIGNAT		7-			NT OR TYPE			DATE	_	HONE NUMBER
15 E. 5th Street	, Suite 1000		Tulsa	OK	74103		aea	asterling@cir	narex.c	om
ADDRE	ss		CITY	STA	ZIP			EMAIL ADD	RESS	

PLEASE TYPE OR USE I FORMATION R ive formation names and tops, if available, or de illed through. Show intervals cored or drillstem t	ECORD scriptions and thickness of formations			Bollinge	er	WELL N
NAMES OF FORMATIONS	TOP			F	OR COMMISSION US	EONLY
Tonkawa	7,255	ITD on file	YES)	
Cottage Grove	7,930		DISAPP			
Hogshooter	8,244				2) Reject Codes	
Checkerboard	8,646					
Cherokee	9,665					
Pink Lime	10,008					

10,227

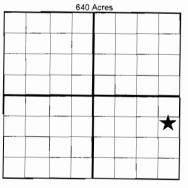
10,311 10,459 11,347 Were open hole logs run? _yes <u>X</u>no 11,627 Date Last log was run Х Was CO₂ encountered? no at what depths? ves X no Was H₂S encountered? at what depths? ves X_no Were unusual drilling circumstances encountered? yes If yes, briefly explain below:

1-27HL

Other remarks: Drilled to 19,613", tripped out for next bit & stuck pipe @ 18,625'. Top of stuck tools @ 18,530'.

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE		COUNTY	_				
Spot Loc	ation	1/4	1/4	1	/4	Feet From 1/4 Sec Lines	FSL	F	
Measured	d Total Depth		True Vertical Dep	oth		BHL From Lease, Unit, or Proper	y Line:		



Inola

Atoka

Chester Lime

Sycamore

Woodford

If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.

		640 /	A <u>cres</u>		

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

^{SEC} 34	TWP	11N	RGE	8W	COUNT	Y		C	anadia	.n		
Spot Loca N/2	tion 1/4	SE	1/4	NE	1/4 SE	1/4	Feet From 1/4 S	ec Lines	FSL	1935	FEL	374
Depth of Deviation		10,964		Radius of Tu	^m 95	0	Direction	180	Total Length		7,406	
Measured	Total De	epth		True Vertical	Depth		BHL From Lease	e, Unit, or Prop	perty Line:			
	19,	613		1	1,914				374			

RGE COUNTY TWP SEC Spot Location 1/4 Feet From 1/4 Sec Lines FSL FWL 1/4 1/4 1/4 Depth of Radius of Turn Total Direction Deviation Length Measured Total Depth BHL From Lease, Unit, or Property Line: True Vertical Depth \$

SEC	TWP	RGE		COUNTY			
Spot Locati	on 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation			Radius of Turn		Direction	Total Length	
Measured 1	Total Depth		True Vertical Dep	oth	BHL From Lease, Unit, or Pro		