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

API No.: 35017248530000

OTC Prod. Unit No.: 017217769

Completion Report

Spud Date: January 04, 2016

Drilling Finished Date: January 31, 2016 1st Prod Date: September 28, 2016

Purchaser/Measurer: XEC

First Sales Date: 09/28/2016

Completion Date: September 28, 2016

Drill Type: HORIZONTAL HOLE

Well Name: GUNDY 6-12H

Location: CANADIAN 12 14N 10W NW SE SW SE 434 FSL 1727 FEL of 1/4 SEC Derrick Elevation: 0 Ground Elevation: 1453

Operator: CIMAREX ENERGY CO 21194

202 S CHEYENNE AVE STE 1000 TULSA, OK 74103-3001

	Completion Type		Location Exception		Increased Density
Х	Single Zone		Order No		Order No
	Multiple Zone		645950		645754
	Commingled		645853	'	

				C	asing and Cer	nent				
Туре			Size	Weight	Grade	Fe	et	PSI	SAX	Top of CMT
SURFACE			13 3/8	54.5	J55	58	585		600	SURFACE
INTER	MEDIATE		9 5/8	40	L80	97	29	5000	760	7120
PROE	UCTION		5 1/2	20	P110	155	555	8000	1590	7650
					Liner					
Туре	Size	Weig	ght	Grade	Length	PSI	SAX	Тор	Depth	Bottom Depth
				There are	no Liner record	ds to displa	ay.			

Total Depth: 15555

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

Initial Test Data

Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure
Oct 07, 2016	MISSISSIPPIAN	139	57	2525	18139	1482	FLOWING	3877	16/64	
		Con	npletion and	Test Data k	y Producing F	ormation				
	Formation Name: MISSI	lass: GAS								
	Spacing Orders				Perforated I	ntervals				
Orde	er No U	nit Size		Fron	n 🛛	1	о	-		
645	304	640		1097	8	15	549	1		
	Acid Volumes				Fracture Tre	atments				
There a	are no Acid Volume records	to display.		1126						
	Were open hole logs run? No									
				Lateral H	loles					
Sec: 12 TWP:	14N RGE: 10W County: CA	NADIAN								

NE NW NW NE

309 FNL 2111 FEL of 1/4 SEC

Depth of Deviation: 10647 Radius of Turn: 320 Direction: 180 Total Length: 4056

Measured Total Depth: 15555 True Vertical Depth: 10967 End Pt. Location From Release, Unit or Property Line: 309

FOR COMMISSION USE ONLY

Status: Accepted

January 17, 2017

2 of 2

1134827



Gundy 6-12H

Wellhead:	13-3/8" SOW X 13-5/8" 5M	Ri
B Section:	13-5/8" 5M X 11" 10M	Ce
C Section:	11" 10M X 5-1/8" 15M	Di
Tree:	2-9/16" 10M	Mu
Tubing:	2-3/8" 4.7# L80 8RD EUE	Su
		-

Rig:Unit 405Cement:BakerDirectional:BakerMud:BaroidSuperintendent:Monte ThiemsEngineer:Spencer Bryant

Offset Wells

XEC Estep 1-1H (WDFD) 11/14 Unit 306 XEC Leon 1-12H (WDFD) 4/11 H&P 118 XEC Bomhoff 1H-11X (WDFD) 12/13 Cactus 144 XEC Bomhoff 2-11H (MRMC) 2/14 Cactus 144 QEP Virgie wells (9 WDFD wells) 13-14N-10W

Hole	Logs			Formation Tops (TVD)	Cement	Mud
<u>†</u>					Spacer: 20 bbls Freshwater	Spud Mud
			20" Conductor		600 sks 14.8 ppg, 1.34 cuft/sk	MW: 8.8-9.2
2					000 aka 14,6 ppg, 1.84 aliaak	FV: 40-45
17-1/2					Centralizers; Bowspring 7 total. 1 per	WL: N/C
÷			Base	of Treatable Water 340'	joint on the bottom 3 joints (3). 1 every	pH 9.5-11.0
					3rd joint to surface (4).	PV/YP: 2-10
	None		Surface Casing @	560' (No deeper than 590')		alara alfri Mari Maria a companya a su salarat (alfrica) a fili ba
1			13-3/8" 54.5# J-55	BTC		
			1.5 DLS Nudge @ 1800'			
			Build to ~7* @ 258 Azi	Top Anydrite 2,740'	Spacer: 30 bbis Mud Clean II + 20 bbis	WBM - LSND
			Back vertical ~5500'	Base Anhydrite 3,285'	gel spacer + 30 bbls 10.5 ppg	MW: 9.1-9.4
			e	Heebner 6,444'	"MultiBond"	FV: 40-45
1			9-5/8" TOC 7,100	Tonkawa 7,084'	LEAD: 460 sacks 12.0 ppg, 2.54 yield	WL: <30
				Cottage Grove 7,697	TAIL: 300 sacks 16.4 ppg, 1.07 yield	pH 9.5-11
4				Hogshooter 8,002'	Centralizers: Solid Body. 3 in the	PV/YP: 10-15
12-1/4			5-1/2" TOC 8,500'	Checkerboard 8,376'	middle of the bottom 3 joints, locked	See Mud Program for
€				Verdigns 9,193'	down.	Details
				Pink Lime 9,404'		
				Redfork 9,424'		
				inola 9,607'		
				Atoka 9,650'		
			慶	Novi Lime 9,704'		
				Morrow Shale 9,723		
	None		Intermediate Casin	ng @ 9,730' MD, set ~10' in the M	lorrow Shale.	
↑			9-5/8" 40# L-80 LT	C. Drift to 8.75".		
				Morrow Sand 9,786'		
				Chester 9,874'	Spacer: 50 bbls 11.5 ppg Spacer + 250	OBM
					bbls 10.6 ppg MRF	MW: 10.5
					450 bbls 12.5 ppg TXI	6rpm: 6-8
					400 bbis 12.5 ppg 171	HTFL: <15
					Centralizers: 37 Solid Body locked	OWR 80/20
<u>.</u>		三	KOP 10,666' TVD / ~1	0,688' MD	down in the middle of a joint. None in	%LGS: <5
8-3/4"			Build @ 12º/100' DLS	1	lateral. 1/jt f/ LP to KOP (23) 1/4th joint	See Mud Program for
8				Upper Meramec-1 10,925'	from KOP to TOC (14).	Details
			Near-	Middle Meramec-1 11,030'		
		*				
		with the second s				
		-		LP: 11,143' TVD	Est. Total Depth (TVD/MD)	
1				Charles and the second second		
				le	8-3/4" curve and lateral	
				I over Meromer 1 11 210		
			Production Casing:	Lower Meramec-1 11,210		
			5-1/2" 20# P110 LT	C 0' - 10 000'		
			5-1/2" 20# P110 BT			
					- 0000D	
			Marker Joints: 4 (KC	OP - 50', LP + 100', LP + 1300', LP	+ 2600")	

Weatherford Doublve Valve Float Shoe with latch-down reciever (non rupturing disk in plug)

Form 1002A

1016EZ

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Initial Test Data

10/7/16

359MSSP 3877



January 17, 2017

F2