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

API No.: 35017249920000	Completion Report	Spud Date: June 17, 2017
OTC Prod. Unit No.: 017-222291-0-0000		Drilling Finished Date: July 27, 2017
Amended		1st Prod Date: September 27, 2017
Amend Reason: TO PRODVIDE MORE CURRENT TEST PURPOSES	INFO FOR ALLOWABLE	Completion Date: September 27, 2017
Drill Type: HORIZONTAL HOLE		
Well Name: WOOLFOLK 1H-1720X		Purchaser/Measurer: XEC
Location: CANADIAN 17 14N 10W		First Sales Date: 09/27/17

SE NE NE NE 520 FNL 250 FEL of 1/4 SEC Latitude: 35.694848967 Longitude: -98.278623704 Derrick Elevation: 1444 Ground Elevation: 1412

Operator: CIMAREX ENERGY CO 21194

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

	Completion Type		Loca	tion Exce	eption			Increased Density							
Х	Single Zone		Order No						Order No						
	Multiple Zone		672351								6709	61			
	Commingled										6708	96			
		Casing and Cement													
		1	Type Size Weight Gra			ide Feet		et	PSI	SAX	Top of CMT				
		SUI	RFACE		13 3/8	54.5	J-5	5	15	32	2500	1016	SURFACE		
		INTER	MEDIATE		9 5/8	40	HCL	80	98	56	5000	793	7419		
		PROE	DUCTION		5 1/2	20	P-1′	10	217	'26	9000	3543	7101		
							Line	r							
		Туре	Size	Weigh	nt	Grade	Length	۱	PSI	SAX	Тор	Depth	Bottom Depth		
						There are r	o Liner re	ecords	s to displa	ay.					

Total Depth: 21726

Pa	cker		Plug
Depth	Brand & Type	Depth	Plug Type
There are no Packe	er records to display.	There	re are no Plug records to display.

Initial Test Data

Test Date	Formation	Oil BBL/Da	y Oil-Gr (Al		Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure
May 08, 2018	MISSISSIPPIA	N 243	6	6	6028	24806	433	FLOWING	2306	40/64	1218
		(Completio	n and	Test Data b	by Producing F	ormation				
	Formation Name:	MISSISSIPPIAN	l		Code: 35	9MSSP	С	lass: GAS			
	Spacing Ord	ers				Perforated I					
Orde	r No	Unit Size			From	n 🛛	-				
619	625	640			11315 21700						
672	350	MULTIUNIT		L		I					
	Acid Volum	s				Fracture Tre	atments				
Acid Volumes NONE						141,595 GALLC 960,412 POUN					
Formation			Тор			lere open hole l					

Formation	Тор
TONKAWA	7189
COTTAGE GROVE	7866
HOGSHOOTER	8210
CHECKERBOARD	8435
OSWEGO LIME	9092
CHEROKEE	9258
VERDIGRIS LIME	9306
PINK LIME	9543
RED FORK	9566
АТОКА	9733
NOVI LIME	9863
MORR	9848
MORROW SAND	9970
MISSISSIPPIAN	10153
MANNING	10840
MERAMEC	11300

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

COMPLETION AMENDED TO UPDATE TEST & PRESSURES PER OCC REQUEST DATED 10/14/19. ORIGINAL COMPLETION WAS SUBMITTED 10/13/2017. OCC DID NOT APPROVE ORIGINAL COMPLETION UNTIL 6/11/2019 WHICH PUT TEST & PRESSURE DATA OUTSIDE OF REQUIRED TIME FRAME FOR ALLOWABLE PURPOSES.

Lateral Holes

Sec: 20 TWP: 14N RGE: 10W County: CANADIAN

SE SE SE SE

150 FSL 326 FEL of 1/4 SEC

Depth of Deviation: 11013 Radius of Turn: 605 Direction: 179 Total Length: 9762

Measured Total Depth: 21726 True Vertical Depth: 12155 End Pt. Location From Release, Unit or Property Line: 150

FOR COMMISSION USE ONLY

Status: Accepted

1143864

Form	1002A
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Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000 Rule 165: 10-3-25

1016EZ

API	No.: 35017249920000		Com	pletion Rep	ort ′		Spud Dat	te: June 1	7, 2017
отс	Prod. Unit No.: 017-22229	1-0-00000-				Drilling Fi	nished Dat	te: July 27	, 2017
						1:	st Prod Dai	te: Septer	nber 27, 2017
		: 1				Com	pletion Dat	te: Septer	nber 27, 2017
Drill	Type: HORIZONTAL F	IOLE				Min Gas All	owable: Ye	es	
Well	Name: WOOLFOLK 1H-17	20X	-	I		Purchaser/N	Measurers	XEC	
Loca	ation: CANADIAN 17 1 SE NE NE NI 520 FNL 250 FEI Latitude: 35.69484	Ξ	Mu	Hinn	E	First Sales	Date: 09/2	7/17)
Оре	Derrick Elevation: (rator: CIMAREX ENERG) Ground Elevation: 1412 Y CO 21194		Sec.	17:	50,7174	- % I	2225	81 I
	202 S CHEYENNE TULSA, OK 74103			Sec,	20;	49,2226	5	27279	ria I
	Completion Type	Location E	xception			Ir	ncreased I	Density	
X	Single Zone	Order	r No				Order	No	
<u> </u>	Multiple Zone	6723	351				67096	61	
	Commingled						67089	96	
	r Irs.			Cas	ing and C	ement		· · · ·	
th	fright FO:	Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT

Muttium 1907 672350 Sep. Allow (Sec. 17); 661995 Sep. Allow (Sec. 20): 661956

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		672351					67096	51	
							67089	96	
			Ca	sing and Cerr	ent		-		
Т	уре	Siz	Size Weight		Fe	et	PSI	SAX	Top of CMT
SUF	RFACE	13 3	54.5	J-55	15	1532		1016	SURFACE
INTER	MEDIATE	9 5/	/8 40	HCL 80	L 80 985		5000	793	6000
PROD	UCTION	5 1/	/2 20	P-110	10 21726		9000	3543	8000
				Liner					
Туре	Size	Weight	Grade	Length	PSI	SAX	Тор	o Depth	Bottom Depth
	L		There are	no Liner record	s to displ	ay.	1		· · · · ·

Total Depth: 21726

Pa	cker	P	lug
Depth	Brand & Type	Depth	Plug Type
There are no Pack	er records to display.	There are no Plu	g records to display.

Initial Test Data

8/18

359 MSSP

2306

June 11, 2019

1 of 3

Test Date	Format	ion	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
May 08, 2018	MISSISSI	PPIAN	243	66	6028	24806	433	FLOWING	2306	40/64	1218
			Co	mpletion and	d Test Data I	by Producing F	ormation				
	Formation N	ame: MISS	ISSIPPIAN		Code: 35	9MSSP	с	lass: GAS			
	Spacing	Orders				Perforated In	ntervals			Sec. 194	
Order	No	U	Init Size		From	n	1	īo			
61962	25 (17 M	1	640		1131	5	21	700			-
6723) м	JLTIUNIT	L		I					
	Acid Vo					Fracture Tre			<u> </u>		. AP
									_	199 197 198	
	NO	NE				141,595 GALLO ,960,412 POUN					
Formation		·	I-	бор					A REAL PROPERTY OF A REAL PROPER		
TONKAWA						Vere open hole le ate last log rung					
COTTAGE GRO	VE				7966	- 編載 通知 3 133	<u> </u>				
HOGSHOOTER					V	Vere unusual dri xplanation:	lling circums	tances encou	intered? No		
CHECKERBOAR					8435						
DSWEGO LIME					9092	i.					
CHEROKEE					9258		·				
/ERDIGRIS LIM					9306						
					9543						
RED FORK				<u></u>	9566						
				<u>.</u>	9733	Xaliy					
					9863						
MORR					9848						
MORROW SAN					9970						
MISSISSIPPI		alter.			10153						
MANNING		<u>ilonio.</u> Tier			10840						
MERAMEC					11300						
				~	11500						
Other Remarks	Real Providence in the second se		**************************************			· · · · · ·					

COMPLETION AMENDED TO UPDATE TEST & PRESSURES PER OCC REQUEST DATED 10/14/19. ORIGINAL COMPLETION WAS SUBMITTED 10/13/2017. OCC DID NOT APPROVE ORIGINAL COMPLETION UNTIL 6/11/2019 WHICH PUT TEST & PRESSURE DATA OUTSIDE OF REQUIRED TIME FRAME FOR ALLOWABLE PURPOSES.

Lateral Holes

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