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

OTC Prod. Unit No.: 019-104119-0-0000 Drilling Finished Date: March 19, 1999

1st Prod Date: April 18, 1999

Amended

Completion Date: April 18, 1999

Amend Reason: RECOMPLETE SPRINGER SAND, COMMINGLED

Recomplete Date: June 20, 2019

Drill Type: STRAIGHT HOLE

Min Gas Allowable: Yes

Well Name: STRADER 2-8 Purchaser/Measurer:

Location: CARTER 8 3S 2E First Sales Date:

C SE NE 1980 FNL 660 FEL of 1/4 SEC

Latitude: 34.31239 Longitude: -97.11005 Derrick Elevation: 899 Ground Elevation: 883

Operator: XTO ENERGY INC 21003

22777 SPRINGWOODS VILLAGE PKWY

SPRING, TX 77389-1425

	Completion Type
	Single Zone
	Multiple Zone
Х	Commingled

Location Exception
Order No
428959
502131

Increased Density
Order No
420057

Casing and Cement								
Type Size Weight Grade Feet PSI SAX Top of CM								
SURFACE	10 3/4	40.5	J-55	712		345	SURFACE	
PRODUCTION	5 1/2	17	K-55	7182		395	3291	

Liner								
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

Total Depth: 7182

Packer					
Depth Brand & Type					
4815 AS-1X					

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

**Initial Test Data** 

September 13, 2019 1 of 3

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 Tubin
Jul 04, 2019	COMMINGLE ALL ZONES			71			FLOWING	70	64/64	40
•		Cor	npletion and	Test Data I	by Producing F	ormation	•	•		•
	Formation Name: SPF	RINGER SAND		Code: 40	1SPRSD	C	lass: GAS			
	Spacing Orders				Perforated I	ntervals				
Order	· No	Unit Size	$\neg$	Fron	n	7	Го			
6239	98	40		4670	D	46	680			
	Acid Volumes		$\neg$ $\vdash$		Fracture Tre	atments				
12 BARRE BA	LS MCA, 12 BARRELS RRELS 4% KCL, 12 BA	1.5% NAS, 12 RRELS			N/A					
	Formation Name: MIS SYCAMORE)	SISSIPPIAN(A	BOVE	Code: 35	9MSPAS	C	class: GAS			
	Spacing Orders				Perforated I	ntervals				
Order	· No	Unit Size		Fron	n	٦	Го			
1956	572	640		6060	)	62	220			
5019	910	640			•			<u> </u>		
	Acid Volumes				Fracture Tre	atments				
ACI	DIZED WITH SPRINGE	R SAND			N/A					
	Formation Name: SYC	CAMORE		Code: 35	S2SCMR	C	class: GAS			
	Spacing Orders				Perforated I	ntervals				
Order	· No	Unit Size		Fron	n	7	Го	7		
1956	572	640		6384	4	66	654			
	Acid Volumes		$\neg \vdash$		Fracture Tre	atments		$\neg$		
ACI	DIZED WITH SPRINGE	R SAND			N/A					
	Formation Name: WO	ODFORD		Code: 31	9WDFD	C	class: GAS			
	Spacing Orders				Perforated I	ntervals				
Order	No	Unit Size		Fron	n	7	Го			
1956	572	640		6796	6	68	301			
	Acid Volumes		$\neg \vdash$		Fracture Tre	atments		$\neg$		
ACI	DIZED WITH SPRINGE	R SAND	$\neg$   $\vdash$		N/A			┑		

September 13, 2019 2 of 3

Formation Name: COMMINGLE ALL ZONES	Code:	Class: GAS

Formation	Тор	Were open hole logs run? N		
		Date last log run:		

Were unusual drilling circumstances encountered? No Explanation:

## Other Remarks

IRREGULAR SECTION. PERFORATE AND TEST THE SPRINGER SAND. PERFORMED AN ACID JOB AND COMMINGLED WITH THE CANEY, SYCAMORE, AND WOODFORD.

# FOR COMMISSION USE ONLY 1143519 Status: Accepted

September 13, 2019 3 of 3

SERVICE WELL If directional or horizontal, see r COUNTY Carte LEASE NAME 1/4 C 1/4 SE ELEVATIO N Derrick OPERATOR NAME ADDRESS	if recompletion of Recomplete Goddar Son DIRECTIONAL HOLE SEC 8 TWE Strader  1/4 NE 1/4 PSL OF 1/4 SEC	ginal 1002A or reentry. d, commingled  HORIZONTAL HOLE  3S RGE 2E  WELL 195 NO. 560  174 SEC  OWN) 34.31239	SPUD DRLG DATE COMP 8 1st PR COMP Longitt (if know) OTC/OCC OPERATOR	Oil & Gas Post Oklahoma Ci COMF  DATE FINISHED OF WELL PLETION ROD DATE MP DATE ude wn) R NO.	Conservation Office Box 5	2000 a 73152-2000 3-25 EPORT 999 1999 1999 2019 1005	Oklahoma	1 520	ration
COMPLETION TYPE		CASING & CEMENT							
SINGLE ZONE MULTIPLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
Application Date	10/2	CONDUCTOR		4 2 37					
Application Date	Pending	SURFACE	10 3/4"	40.5	J-55	712	The Market	345	Surface
EXCEPTION ORDER INCREASED DENSITY	02131, 428959	INTERMEDIATE							
ORDER NO.	420057	PRODUCTION LINER	5 1/2"	17	K-55	7,182		395	3291
FORMATION SPOTING ORDER NUMBER CLASS: Oil, Gas, Dry, Irij, Disp, Comm Disp, Svc	Gud (Goddard ) 3,160: 195672,501910 Gas	(* Caney*) 040. 193072, 501910 Gas		ycamore 040. 672.5019 Gas		Noodford 040. 672 <del>581911</del> <i>GaS</i>		<i></i>	10 Frac
PERFORATED INTERVALS	4670-4680	6060-6220	63	384-6654	6	796-6801			
ACID/VOLUME	12 bbls MCA				at .	17.00			
	12 0015 1.5% NA5, 12	12 bbls							
FRACTURE TREATMENT (Fluids/Prop Amounts)	hbls 4% KCI N/A					-ere gar		N. (1) . (1) . (1)	
i laidon rop Amounts)						/			
NITIAL TEST DATA	Min Gas Alfov X Oil Allowable	vable (165:10 (165:10-13-3)	0-17-7)			rchaser/Measurer tles Date			
NITIAL TEST DATE	7/4/2019								
DIL-BBL/DAY	0								
DIL-GRAVITY ( API)	N/A						Q. A.		
GAS-MCF/DAY	71			4TT		11111111			
GAS-OIL RATIO CU FT/BBL	N/A								
VATER-BBL/DAY	0				10	CHIDA	ITT	n	
PUMPING OR FLOWING	Flowing				13	SUBN		UI	
NITIAL SHUT-IN PRESSURE	70								
CHOKE SIZE	64/64"			-111					
FLOW TUBING PRESSURE	40								
Nel SIGNATU	10	D	ebbie W	nd facts state	re knowledge d herein to b	of the contents of the true, correct, and of	his report and am complete to the be 7/11/2019	st of my knov	my organization vledge and belief. 5-319-3243 DNE NUMBER
210 Park Avenue		klahoma City	Ok	73102		debbie_	waggoner@x	ktoenergy	
ADDRES	SS	CITY	STATE	ZIP			EMAIL ADDR		

## PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

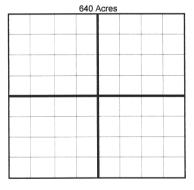
Give formation r	names and tops,	if available,	or descriptions	and thickness	of formation:
drilled through.	Show intervals of	ored or drills	stem tested.		

1 ===

AMES OF FORMATIONS	ТОР
	, , , , , , , ,

LEASE NAME _	Strader		WELL NO.	2-8
	FOF	COMMISSION U	SE ONLY	
ITD on file C	YES NO DISAPPROVED	2) Reject Codes		
Were open hole lo	gs run?yes	_X_no		
Date Last log was Was CO <sub>2</sub> encount Was H <sub>2</sub> S encount	tered?yes		at depths?	<u> </u>
	ing circumstances encountered			X_no

Other remarks:	Irregular Section				
	springer Sand				
Porforato 8	test the Goddard Preformed	an acid job and commingled wit	th the Capey Sycamore	and the Woodford	
renorated	lest the Goddard Freionned	an acid job and commingied wit	in the Carley, Sycamore	and the violatora.	
renorated	test the Goddard Freionned	an acid job and commingied wit	in the Carley, Sycamore	and the Woodiord.	
renorated	test the Coudaid/ Preformed	an acid job and commingied wit	in the carey, Sycamore	and the vyodalora.	



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 Acres							
	1						

## BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNT	(				
Spot Loc	cation	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	- 22	FWL
Measure	ed Total Depth		Vertical Depth		BHL From Lease, Unit, or Pro	operty Line:		
I VIOGOGI O	a rotal Boptii	1143	volucial Dopul					

#### BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

SEC	TWP	RGE	COUNTY			
Spot Loc	ation	1/4	1/4 1/4	Feet From 1/4 Sec Lines	FNL	FEL
Depth of Deviation		17-4	Radius of Turn	Direction	Total Length	
Measure	d Total Depth		True Vertical Depth	BHL From Lease, Unit, or Pro	operty Line:	

SEC	TWP	RGE		COUNTY			
Spot Loc	cation	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation			Radius of Turn		Direction	Total Length	
Measure	Measured Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pr	operty Line:	

SEC	TWP	RGE		COUNTY			
Spot Loc	ation	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation			Radius of Turn		Direction	Total Length	, b
Measure	d Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pi	roperty Line:	

	1	with the second	ſ	f					
**	(03)		6	2019	}				
API 019-24602	PLEASE TYPE OR USE						REC	CIVI	En
OTC PROD. 019-104119 UNIT NO.		ginal 1002A	OK	Oil & Gas	ORPORATION S Conservation t Office Box 5		fitt for every		
ORIGINAL	if recompletion,	or reentry.		Oklahoma C	ity, Oklahoma	a 73152-2000	JUL.	1 520	19
X AMENDED (Reason)	Recomplete Goddal	d, commingled	_		Rule 165:10- PLETION RI		Oklahoma	Corpor	ration
TYPE OF DRILLING OPERAT			SPUD	DATE	3/6/1			nei88ies	
X STRAIGHT HOLE SERVICE WELL	DIRECTIONAL HOLE	HORIZONTAL HOLE	DRLG	FINISHED	3/19/				
COUNTY Carte	reverse for bottom hole location.  SEC 8 TW	P 3S RGE 2E		OF WELL	4/18/				
LEASE	Chrodon	WELL	_	PLETION ROD DATE	4/18/				
NAME 1/4 C 1/4 SE	1/4 NF 1/4 ESL OF	SEA STUDE 10	en BECO	MP DATE	6/20/2	W/			
ELEVATIO 800 Groun	174 020	FEL 6	60 Longitu		-97.1°				
OPERATOR	XTO Energy Inc.	34.31239	OTC/OCC	wn)	210				
NAME ADDRESS		k Avanua Svita	OPERATOR	R NO.	210	03			
	klahoma City	k Avenue, Suite			704	00			
COMPLETION TYPE	Kianoma City	STATE	Oklaho		731	02	L	OCATE WE	LL
SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
MULTIPLE ZONE Application Date		CONDUCTOR						0,01	TOT OF OUR
4.2.	Pending	SURFACE	10 3/4"	40.5	J-55	712		345	Surface
OCATION	02131, 428959	INTERMEDIATE							
INCREASED DENSITY ORDER NO.	420057	PRODUCTION	5 1/2"	17	K-55	7,182		395	3291
·	10.	LINER							100
PACKER @ 4,815 BRAN	ID & TYPE AS-1X	PLUG @	TYPE	7359	KKP3)	TYPE		TOTAL DEPTH	7,182
	HOPEPRSD	PLUG @	TYPE		PLUG @	TYPE		- (	
EORMATION /	A BY PRODUCING FORMATI	1 - 1	10	Syeamon	2000	MR 319	WOFD	-	1.7
795711967	2009	(* Caney )		ycamore 040.	'	Noodford		1	JO Frac
DLASS: Oil, Gas, Dry, Inj,	(160: 195672,501910 (10) Gas	501910 Gas	1956	672. <del>5019</del>	10 195	672 501910	APSA	· 1 16	100
Disp, Comm Disp, Svc	Gas	Gas		Gas		Bas	UUU	VIII	
PERFORATED	4670-4680	6060-6220	61	384-6654	6	796-6801		$\perp$	
INTERVALS	1010 1000	0000-0220	0.	304-0034	- 0	7 90-000 1	-	Separate and the separate sepa	
ACID/VOLUME	12 bbls MCA					17.7		-	
	12 DDIS 1.5% NAS, 12	12 bbls							1
FRACTURE TREATMENT (Fluids/Prop Amounts)	hhls 4% KCI N/A			_					
						/		1	
	Min Gas Alfo	wable (165:1	0-17-7)		Gas Pu	rchaser/Measurer		0 0	
NITIAL TEST DATA	X Oil Allowable	(165:10-13-3)			First Sa	ales Date			10)
NITIAL TEST DATE	(7/4/2019	(100.10-13-3)					( 6	10	VI/
DIL-BBL/DAY	0						_		/
DIL-GRAVITY ( API)	N/A						Nagara da la caracteria de la caracteria d		
GAS-MCF/DAY	71								
SAS-OIL RATIO CU FT/BBL	N/A			$-\mathbf{III}$					<del></del>
VATER-BBL/DAY	0				erent property tests				-
PUMPING OR FLOWING	Flowing				15	SUBN	Allt	LH	
NITIAL SHUT-IN PRESSURE	(/ 70								-
CHOKE SIZE	64/64"			-111					
LOW TUBING PRESSURE	40	- 4			1 1 2 1 1				
A record of the formations drille	ed through, and pertinent remarks	are presented on the sa	averse I do	lare that I b-	vo knowled	of the contests of	his const as 1	uthe -	
to make this report, which was	prepared by me or under my supe	ervision and direction, wi	tn tne data a	nd facts state	ed herein to b	e true, correct, and	complete to the bes	st of my knov	wledge and belief.
SIGNATU	<u> </u>		Debbie W	(aggoner		<u> </u>	7/11/2019	1.7	5-319-3243
210 Park Avenue		oklahoma City	Ok	73102		debbie	DATE waggoner@x		ONE NUMBER
ADDRE		CITY	STATE	ZIP			EMAIL ADDR		

STATE

ZIP

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Form 1002A Rev. 2009

EMAIL ADDRESS