KOLAR Document ID: 1785281

Confidentiality Requested:

Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from  North / South Line of Section
City: State: Zip: +	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Described	Chloride content: ppm Fluid volume: bbls
☐ Commingled     Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if flauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date  Recompletion Date	County: Permit #:

#### **AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

**Submitted Electronically** 

KCC Office Use ONLY							
Confidentiality Requested							
Date:							
Confidential Release Date:							
Wireline Log Received Drill Stem Tests Received							
Geologist Report / Mud Logs Received							
UIC Distribution							
ALT I II Approved by: Date:							

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### Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [	East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery,  Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name	)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€  Y€	es No						
			Repo		RECORD [	Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[	Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia reicent Additives	
Plug Off Z										
Did you perform     Does the volum     Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping  Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole		Dually		nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Town Oil Company Inc.
Well Name	WEST ROGERS - AIKENS LBT - 4
Doc ID	1785281

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	12	21	Portland	4	50/50 POZ
Production	5.625	2.875	6.5	423	Class A		50/50 POZ 2% Bentonite

# **Short Cuts**

TANK CAPACITY

BBLS. (42 gal.) equals D²x.14xh
D equals diameter in feet.
h equals height in feet.

BARRELS PER DAY
Multiply gals, per minute x 34.2

HP equals BPH x PSI x .0004
BPH - barrels per hour
PSI - pounds square inch

## TO FIGURE PUMP DRIVES

- \* D Diameter of Pump Sheave
- \* d Diameter of Engine Sheave

SPM - Strokes per minute

RPM - Engine Speed

R - Gear Box Ratio

- \*C Shaft Center Distance
- D RPMxd over SPMxR
- d-SPMxRxD over RPM

SPM - RPMXD over RxD

R=RPMXD over SPMxD

BELT:LENGTH - 2C + 1,57(D + d) + (D-d)<sup>2</sup>

Need these to figure belt length

WATTS = AMPS

TO FIGURE AMPS: VOLTS

746 WATTS equal 1 HP

# Log Book

Well No. <u>LBT-4</u>

Farm West Rogers-Aikens

(State) Micros (County)

For Town Oil Company Inc.

(Section)

(Township)

(Range)

# Town Oilfield Services, Inc.

1207 N. 1st East Louisburg, KS 66053 913-710-5400

· •						
Rogers Rogers Aikens Farm: Minmi County  KS State; Well No. LBT-4	CAS	SING AN	ID TUBING	MEASU	JREMENTS	*. •
ICS _State; Well No. LBT-4	Feet	ln.	Feet	In.	Feet	ln.
Elevation 1037	418,1	F	oat			ļ
Commenced Spuding March 18 20 24				1		
Finished Drilling March 19, 20 24	4407	TP	• 			
Commenced Spuding March 18, 20 24 Finished Drilling March 19, 20 24 Driller's Name Regar Ward		<u> </u>				
Driller's Name		ļ				
Driller's Name		-				
Tool Dresser's Name Nathan Scanan		+				
Tool Dresser's Name						
Tool Dresser's Name						
Contractor's Name TDR Construction Inc.		<u> </u>			<b> </b>	<del> </del>
And the state of t	/			<del> </del>		
(Section) (Township) (Range)					<b> </b>	-
Distance from E line, 4330 ft.		-		_		
Distance fromline,			ļ	$\dashv$		
3 sacks cement			<b></b>	_	<b> </b>	
5.5%" Bore hale		_	-	+-		
2-7/8" Cusing		<del>                                     </del>	1	_		
CASING AND TUBING		_				
RECORD						
KECOND					<u> </u>	
10" Pulled	1		<u> </u>			
10 500			<u> </u>			
8" Set 8" Pulled			<u> </u>		_	
70.			<u> </u>			<u> </u>
4" 561				-1-		
2" Set 2" Pulled	7 % 7 %					

	·		
Thickness of Strata	Formation	Total Depth	Remarks
0-19	Soil Chay	19	
10	Shak	29	
9	Lime	38	
7	Shale	45	
9	Sand	54	
2	Line	56	9
17	Shale	73	
3	line	76	
27	Shake	103	
12	Sand	ା।ଗଲ୍	Some oil show
11	Shale	126	
9	Line	135	
15	Shale	150	
29	Lime	179	
7	Shale	186	
20	Lime	206	
	Shale	210	
4	Lime	212	
3	Shale	215	
11	Cime	226	Hertha
.110	Shale	336	
5	Sand	341/2	Very Slight oil show
110 5 29	Shale	370	General Association (Control of Control of C
1	Sand	371	
1	Sand	372	Broken. OK oil show
1	Sand	373	Mostly Solid. Good oil show
3	Sand	376	
			<b>-3</b> -

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-2-

'Sand 376 4 376-378 Water?

	Sand	376	1 4 ·3 /6 - 3 · ·
Thickness of Strata	Formation	Total d Depth	Remarks
.4	Sand	:380 ·	Mostly Solie). OK oil show
73	Sand	383	Mostly Solid. OK oil show Broken. Good oil show
3 6 14	Sandy Shale	389	
14	Shake	403	
7	Sandy Shale Shale	410	
18	Shale	428	
4	Line	432	
3	Shake	435	
5	Lime Shake Lime	440	T.D.
-		71570	
		14.16	
		Control (Control (Con	
	-13	2.04	
		- (5.94)	
<u> </u>			
		1.17	
	1		
			The state of the s
		11.0	
	.4.	<u> </u>	-5-

## WELL LOG

Thickness of Strata	For mat i on	Total Depth
0-19	Soil/Clay	19
10	Shale	29
9	Lime	38
7	Shale	45
9	Sand	54
2	Lime	56
17	Shale	73
3	Lime	76
27	Shale	103
12	Sand/Some Oil Show	115
11	Shale	126
9	Lime	135
15	Shale	150
29	Lime	179
7	Shale	186
20	Lime	206
4	Shale	210
2	Lime	212
3	Shale	215
11	Lime/Hertha	226
110	Shale	336
5	Sand/Very Slight Oil Show	341
29	Shale	370
1	Sand/No Oil Show	371
1	Sand/Broken/Ok Oil Show	372
1	Sand/Mostly Solid/Good Oil Show	373
3	Sand/Broken/Good Oil Show	376
4	Sand/Mostly Solid/Ok Oil Show	380
3	Sand/Broken/Good Oil Show	383
6	Sandy Shale	389
14	Shale	403
7	Sandy Shale	410
18	Shale	428
4	Lime	432
3	Shale	435
5	Lime/TD	440

Miami County, KS Well: LBT-4 Lease Owner:

# **TDR Construction, Inc.** (913) 710-5400

Commenced Spudding: 03/18/2024

Town Oil Company, Inc

own Oil Company, Inc	

Miami County, KS Well: LBT-4 Lease Owner: Town Oil Company, Inc

# **TDR Construction, Inc.** (913) 710-5400

Commenced Spudding: 03/18/2024



CEMENT TREATMENT REPORT										
		TDR Co	A STATE OF THE PARTY OF THE PAR	The state of the s	Well:	We	est Rodgers-Aikens	#LBT-4 Ticl	cote	EP12800
City,	State:	e:			County:		Miami,KS			3/20/2024
Fiel	ld Rep:	Lance 7	Town		S-T-R:		4-17-25	Servi	ite:	
							4-17-23	Servi	Ce:	Longstring
Dow	nhole l	Informati	ion		Calculated	Slurry - Le	ad		Calculate	d Slurry - Tail
Hole	e Size:	5 5/8	B in		Blend:	Eco	noBond	Ble	2004	
Hole	Depth:	H 440 ft			Weight:	13.	5 ppg	Weig		ppg
	g Size:		3 in	1	Water / Sx:	7.	2 gal / sx	Water /	Sx:	gal / sx
Casing			3 ft		Yield:	1.5	0 ft <sup>3</sup> / sx	Yie	eld:	ft <sup>3</sup> / sx
Tubing /			in		Annular Bbis / Ft.:		bbs / ft.	Annular Bbis /	Ft.:	bbs / ft.
	Depth:		ft		Depth:		ft	Dep	th:	ft
Tool / P				1	Annular Volume:	0.	0 bbls	Annular Volum	ne:	0 bbls
	Depth:		ft		Excess:			Exce	ss:	
Displace	ement:	2.4	bbls		Total Slurry:		bbls	Total Slui	ry:	0.0 bbls
TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	Total Sacks:		sx	Total Sac	ks:	0 sx
1:30 PM		PSI	-		REMARKS		CAMEYO STOLEN			
1.50 FW			+-	-	On location, held safet	y meeting				
				-	Hooked to 2 7/8" casing		liabad airealatta			
				-			ite gel followed by 4 BBL	of free also constant		
				_			boond cement, Cement to			
					Flushed pump and line		bond cement, cement r	o suriace		
					Displaced 2 7/8" rubber		with 2.4 BBI			
					Landed plug with 800P					
				-	Released pressure to s					
				-	washed up equipment		100			
									7.4.	
2:30 PM					Left Location					
					***************************************					
		***							-	
					· · · · · · · · · · · · · · · · · · ·					····
		· · · · · · · · · · · · · · · · · · ·								
								W. H. W.		
									-	
										1111
										Water Committee
		CREW			UNIT		Mark Street	SUMM	ARY	
Cem	enter:	Garret	t S.		97		Average Rate	Average Pressure		rtal Fluid
Pump Ope		Nick B			209		0.0 bpm	- psi	1	- bbls
Ві	ılk #1:	Drew I	В		248					
Ві	ılk #2:	Doug	G		110					

ftv: 15-2021/01/25 mplv: 444-2024/03/04