KOLAR Document ID: 1388611

Confiden	tiality Re	quested:
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 Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
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)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
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 III Approved by: Date:						

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Operator Name:	Lease Name:	Well #:
Sec TwpS. R East 🗌 West	County:	

Page Two

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:			DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Used on Lease		Open Hole Perf.			Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)			Bollom
	foration Perform Top Botto					Acid,		ementing Squeezend of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion	
Operator	TDR Construction, Inc.	
Well Name	SOUTH BECKMEYER I-60	
Doc ID	1388611	

Casing

	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.250	8.625	10	21	Common	6	50/50 POZ
Production	6.750	2.875	8	707	Common	90	50/50 POZ

Lease Owner: TDR

WELL LOG

Thickness of Strata	Formation	Total Depth
0-34	Soil-Clay	34
4	Lime	38
4	Shale	42
15	Lime	57
6	Shale	63
11	Lime	74
7	Shale	81
17	Lime	98
44	Shale	142
22	Lime	164
71	Shale	235
22	Lime	257
27	Shale	284
6	Lime	290
21	Shale	311
2	Lime	313
19	Shale	332
1	Lime	333
15	Shale	348
25	Lime	373
8	Shale	381
21 '	Lime	402
4	Shale	406
5	Lime	411
2	Shale	413
7	Lime	420
122	Shale	542
8	Sand	550
46	Shale	596
8	Lime	604
4	Shale	608
4	Lime	612
2	Shale	614
3	Lime	617
26	Shale	643
4	Lime	647
13	Shale	660
7	Lime	667
12	Shale	679
2	Lime	681

Franklin County, KSTown Oilfield Service, Inc.Well:S. Beckmeyer I-60(913) 294-2125

5	Shale	686
3	Lime	689
4	Shale	693
4	Sandy Shale	697
3	Sand	700
1	Sand	701
20	Core	721-TD
	0010	
·		
	51	

	Core	
		701
2	Sand	703
1	Sandy Lime	704
6	Sand	710
11	Shale	721

Short Cuts

TANK CAPACITY

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

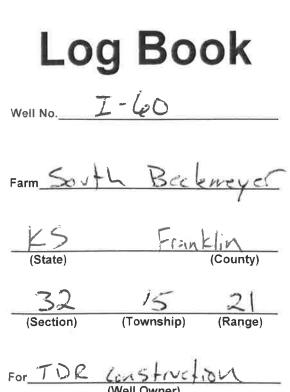
BARRELS PER DAY Multiply gals. per minute x 34.2

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) + $\frac{(D-d)^2}{4C}$ * Need these to figure belt length WATTS = AMPS TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP

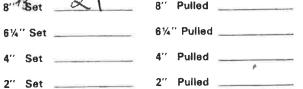


15-059-27164

Town Oilfield Services, Inc. 1207 N. 1st East

Louisburg, KS 66053 913-710-5400

Frank King Sarm: Ba County State; Well No. 102 Elevation Z **Commenced Spuding** 20 Finished Drilling × 20/ We Driller's Name Driller's Name **Driller's Name** Tool Dresser's Name **Tool Dresser's Name Tool Dresser's Name** 0S **Contractor's Name** 2 32 15 (Township) (Range) (Section) 330 ft. **Distance** from line, 990 Distance from line, ft. 6 sacks LOSC 10 hrs 63/4 borehole 278 casing CASING AND TUBING RECORD 10" Pulled 10" Set 2 8'.7 Set 8" Pulled



CASING AND TUBING MEASUREMENTS

Feet	In.	Fe	et	In.	Feet	In.
704	50	1.F	ny	20	10	
				V		
open	he	le	(0	ing	letion	1
2 1		-			-1-	
Scat (Sin	C	On	Ŀ	otten	<u>}</u>
01 00	214	3	_			
rag p cort	rik	5	3+	-	lop o	R
COR	Sk	p+	-		4	
	-					
						<u> </u>
			<			

-1-

Thickness of	Formation	Total Depth	Remarks
Strata	Sol-clay	34	
4	Lime	33	
4	Shall	42	
15	Lime	57	
6	Shall	63	
	Lime	74	
7	Shall	81	
17	Lime	95	Shells
44	Shale	142	
22	Lime	164	
71	Shale	235	E.
22	Lime	257	
27	Shalk	244	
6	Lime	290	· · · · · · · · · · · · · · · · · · ·
21	Shalt	3/1	(eclbed)
×	Lime	313	
-19	Shale		
	Lime	333	
-5	Shale	373	
25	Shale	381	
- 21	Lime	400	
_2]	Shale	406	
-2	Shale	413	<u>.</u>
7	lime	420	Heitha
122	Shale	542	
	-2-		-3-

-2-

-3-

Thickness of		5Y2 Total	1
Strata	Formation	Depth	Remarks
8	Sanel	550	broken - and OI Stow
46	Shale	596	
8	Lime	604	
4	Shale	608	
4	Lime	612	h
2	Shale	614	
3	Lime	617	
26	Shale	643	
4	Lime	1047	
13	Shale	660	
7	Lime	667	
12	Shele	679	
2	Lime	681	
5	Shale	636	
3	Lime	689	
4	Sha R	693	
4	Sindly Shalk	697	
3	Same	700	no 0:1
1	Sand	701	broken Oil
20	6012	721	TD -a l
			- D page 6
			,
			4
			-
	T		
	-4-		-5-

Thickness of Strata	Formation	Total Depth	Rei	marks
			2	
	Core			
		701		
2	Sand	703	broken - good	0.1 Stow
/	Sandy Line	764	no Oil	1 1
6	Said	710	broken-good	saturation
11	Shale	721		
(2)			-	
			1	
			{	
			1	
		0		
	-6-			-7-

Town Oilfield Service

PO Box 339 Louisburg, KS 66053 913-294-2125

Ticket #	
Location	
Foreman	

	Field Ticket & Treat Cement	nent Report		
Date Customer#	Well Name & Number	Section	Township Ran	ge County
8-13-18	5. Beckmarer I-0	0 32	15 21	FR
Customer	5. Beckmayer I-a Ma	iling Address		
	Cit	у	State Zij	o Code
	Le 3/4/ E Size Hole Dept	h <u>1721</u> Cas	ing Size & Wei	
Casing Depth <u>707</u> I	Drill Pipe Tubing	Other_		
Displacement	_ Displacement PSI	Mix PSI	Rate	
Remarks				
Quantity or Units	Description of Service	e or Product	Unit Price	
	Pump Charge			700
	Cement Truck			250

	Fump Charge		100
	Cement Truck		250
	Water Truck		125
90	Cement	10	900
	Gel		
	Plug		25
		Estimated Total:	2000

Authorization ______ Title _____ Date_____