KOLAR Document ID: 1599855

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

		DECODIDEIO		
WELL	HISTORY	- DESCRIPTIO	N 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:
Oil WSW SWD Gas DH EOR	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 #:	Dewatering method used:
Dual Completion Permit #:	
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 Reached TD Completion Date of 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:					

KOLAR Document ID: 1599855

Operator Nam	ne:			Lease Name:	Well #:
Sec	Twp	S. 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									
1. Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip questions 2 and 3) 2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No (If No, skip question 3) 3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No (If No, skip question 3)									
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	Water Bbls. 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		Bridge Plug Type	Bridge Plug Set At		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 71
Doc ID	1599855

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9	7	10	20	Portland	4	50/50 POZ
Production	5.625	2.875	8	776	Portland	86	50/50 POZ



Hole Depth: 800/7 Casing Size: 2 Casing Depth: 776/7 Tubing / Liner: Depth:	Construct sburg, KS a Town atton 5/8 in 7/8 in 7/8 in 7/6 ft in ft baffles 34 ft 4.25 bbls STAGE	TOTAL BBLs	Calculated Slu County: County: County: S-T-R: Blend: Weight: Water / Sx: Yield: Annular Obls / Ft.: Depth: Annular Volume: Excess: Total Slurry: Total Slurry: Total Slurry: SREMARKS	Econoboud 13.65 ppg 7.12 gal / sx 4.56 ft ³ / sx bbs / ft. ft 0.0 bbls bbls 0 sx	Date: Service:	EP3074 10/22/2021 longstrings ulated Shary - Tall. PPS gal / sx ft ² / stc bbs / ft. ft 0 bbls 0.0 bbls 0 sx
City, State: Loui Field Rep: Land Downhole Inform Hole Size: 55 Hole Depth: 800/7 Casing Size: 22 Casing Depth: 776/7 Tubing / Liner: Depth: Tool / Packer: 1 Tool / Packer: 4.31/4 TIME RATE PS 3:00 PM 4.0 4.0 4.0 4.0 1.0 1.0 1.0	sburg, KS ce Town s5/8 in 760 ft 77/8 in 766 ft in ft baffles 34 ft 4.25 bbls STAGE	TOTAL BBLs	County: S-T-R: Calculated Siu Blend: Weight: Water / Sx: Yield: Annular Obls / Ft.: Depth: Annular Volume: Excess: Total Siurry: Total Sacks: REMARKS	FR, KS 32-15-21	Date: Servico: Biend: Woight: Water / Sx: Yield; Annular Oble / Ft.: Depth: Annular Volume: Excess: Total Sjurry:	10/22/2021 longstrings utatet Stury : Tall, ppg gal / 5x ft ³ / 5t bbs / ft. ft 0 bbls 0,0 bbls
Field Rep: Lance Dewnhole Inform Hole Size: 5 Hole Depth: 8007 Cosing Size: 2 Cosing Depth: 776/7 Tubing / Liner: Depth: Tool / Packer: 1 Tool / Packer: 4.31/4 TIME RATE PS 3:00 PM 4.0 4.0 4.0 4.0 4.0 1.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	ce Town 121101 15/8 In 160 ft 17/8 In 166 ft 1n 17 10 10 11 10 11 11 12 12 12 12 12 12 12 12	BBLs - - -	S-T-R: Galculated Siu Blend: Weight: Water / Sx: Yield: Annular Obls / Ft.: Depth: Annular Volume: Excess: Total Siurry: Total Sacks: REMARKS	32-15-21	Servico: Galcu Biend: Woight: Water / Sx: Yield; Annular Obis / Ft: Depth: Annular Volume: Excess: Total Siurry:	longstrings utated Story - Tall. PPS gal / 5X ft ³ / st bbs / ft. ft 0 bbls 0,0 bbls
Dewnhole Infern Hole Size; 5 Hole Depth: 800/7 Cosing Size; 2 Gasing Depth: 776/7 Tubing / Liner; Depth: 744/7 Displacement: 4,31/4 TIME RATE PS 3:00 PM 4.0 4.0 4.0 4.0 1.0 1.0	181101 5/8 in 760 ft 77/8 in 766 ft in ft baffles 34 ft 4.25 bbls STAGE	BBLs - - -	Calculated Slu Blend: Weight: Water / Sx; Yield: Annular Obls / Ft: Depth: Annular Volume: Excess: Total Slurry: Total Slurry: Total Sacks:	fty = Lead 7 Econobolid 13.65 ppg 7.12 gal / sx 1.56 ft ³ / sx 4.56 ft ³ / sx bbs / ft. ft 0.0 bbls bbls 0 sx	Calcu Blend: Woight: Water / Sx: Yield; Annular Oble / Ft: Oepth: Annular Volume: Excess: Total Slurry:	Dialog Sibry - Tail PPS gal / sx ft ² / st bbs / ft. ft 0 bbls 0,0 bbls
Hole Size: 55 Hole Depth: 800/7 Casing Size: 2 Casing Depth: 776/7 Tubing / Liner: Tool / Packer: 1 Tool / Packer: 1 Tool Depth: 744/7 Displacement: 4,31/4 TIME RATE PS 3:00 PM 4.0 4.0 4.0 4.0 1.0 1.0 1.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	5/8 in 7/60 ft 7/13 in 7/6 ft in ft baffles 34 ft 4.25 bbls STAGE	BBLs - - -	Blend: Weight: Water / Sx: Yield: Annular Obls / Ft.: Depth: Annular Volume: Excess: Total Siurry: Total Sacks: REMARKS	Econoboud 13.65 ppg 7.12 gal / sx 4.56 ft ³ / sx bbs / ft. ft 0.0 bbls bbls 0 sx	Blend: Woight: Water / Sx: Yield; Annular Oble / Ft.: Depth: Annular Volume: Excess: Total Slurry:	PPg gal / 5x ft ² / 5t bbs / ft. ft 0 bbls 0,0 bbls
Hole Depth: 800/7 Casing Size: 2 Casing Depth: 776/7 Tubing / Liner: Depth: Tool / Packer: 1 Tool / Packer: 1 Tool / Packer: 1 Tool / Packer: 4.31/4 Time RATE PS 3:00 PM 3:00 PM 4.0 4.0 4.0 1.0 1.0 1.0 1.0 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	760 ft 778 in 766 ft in ft baffles 34 ft 4.25 bbls STAGE	BBLs - - -	Weight: Water / Sx: Yield: Annular Obls / Ft.: Depth: Annular Volume: Excess: Total Siurry: Total Sacks: REMARKS	13.65 ppg 7.12 gal / sx 4.56 ft ³ / sx bbs / ft. ft 0.0 bbls bbls 0 sx	Woight: Water / Sx: Yield: Annular Oble / Ft.: Depth: Annular Volume: Excess: Total Sjurry:	gal / 5x ft ³ / st bbs / ft, ft 0 bbls 0,0 bbls
Cabing Size: 2 Casing Depth: 776/7 Tubing / Liner: Depth: Tool / Packer: 4 Tool / Packer: 4 Tool Depth: 744/7 Displacement: 4.31/4 TIME RATE PS 3:00 FM 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	7/8 in 766 ft in ft baffles 34 ft 4.25 bbls STAGE	BBLs - - -	Water / Sx: Yiold: Annular Objs / FL: Depth: Annular Volume: Excess: Excess: Total Siurry: Total Sacks: REMARKS	7.12 gal/sx 1.56 ft ³ /sx bbs/ft. ft 0.0 bbls bbls 0 sx	Water / Sx; Yield; Annular Oble / Ft.; Depth; Annular Volume; Excess; Total Sjurry;	gal / 5x ft ³ / st bbs / ft, ft 0 bbls 0,0 bbls
Casing Depth: 776/7 Tubing / Liner: Depth: 7 Tool / Packer: 7 Tool Depth: 744/7 Displacement: 4.31/4 TIME RATE PS 3:00 PM 9 4.0 10 4.0 10 1.0 10 1.	766 ft in ft baffles 34 ft 4.25 bbls ST/AGE	BBLs - - -	Yiold: Annular Dbjs / FL: Depth: Annular Volume: Excess: Excess: Total Slurry: Total Sacks: REMARKS	1.56 ft ³ / sx bbs / ft. ft 0.0 bbls bbls 0 sx	Yield; Annular Obls / Ft.: Depth: Annular Volume: Excess: Total Slurry:	ft ³ / st(bbs / ft, ft û bbis 0,0 bbis
Tubing / Liner: Depth: Tool / Packer: Tool Depth: 744/7 Displacement: 4,31/4 TIME RATE PS 3:00 PM 4.0 4.0 4.0 1.0 1.0	in ft baffles 34 ft 4,25 bbls STAGE	BBLs - - -	Annular Obis / Ft.: Depth: Annular Volume: Excess: Total Slurry: Total Sacks: REMARKS	bbs / ft. ft 0.0 bbfs bbfs 0 5x	Annular Obls / Ft.: Depth: Annular Volume: Excess: Total Slurry:	bbs/ft. ft ú bb]s D,0 bb]s
Depth: Tool / Packer: Tool Depth: 744/7 Displacement: 4.31/4 TIME RATE PS 3:00 PM 4.0 4.0 4.0 1.0 1.0 1.0 4.0	ft baffles 34 ft 4,25 bbls STAGE	BBLs - - -	Depth: Annular Volume: Excess: Total Slurry: Total Sacks: REMARKS	ft 0.0 hbls bbls 0 sx	Depth: Annular Volume: Excess: Total Slurry:	ft 0 bbls 0,0 bbls
Tool / Packer: Tool Depth: 744/7 Displacement: 4.34/4 TIME RATE PS 3:00 PM 4.0	baffles 34 ft 4.25 bbls STAGE	BBLs - - -	Annular Volume: Excess: Total Siurry: Total Sacks: REMARKS	0.0 bbls bbls 0 cx	Annular Volume: Excess: Total Slurry:	û bbis D,0 bbis
Tool Depth: 744/7 Displacement: 4.31/4 TIME RATE PS 3:00 PM	34 ft 4.25 bbls STAGE	BBLs - - -	Excess: Total Slurry: Total Sacks: REMARKS	bbis 0 sx	Excess: Total Slurry:	0,0 bbis
Displacement: 4.31/4 TIME RATE PS 3:00 PM 4.0 4.0 4.0 4.0 1.0 1.0 4.0 4.0	4.25 bbis STAGE	BBLs - - -	Total Slurry: Total Sacks: REMARKS	0 sx	Total Slurry:	
TIME RATE PS 3:00 PM 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	STAGE	BBLs - - -	Total Sacks: REMARKS	0 sx		
3:00 PM 4.0 4.0 4.0 4.0 1.0 1.0 4.0 4.0		BBLs - - -	REMARKS			
4.0 4.0 4.0 1.0 1.0 4.0 4.0 1.0		-	on location, held safety m			
4.0 4.0 1.0 1.0 4.0				eeting		
4.0 4.0 1.0 1.0 4.0 						
4.0 4.0 1.0 1.0 4.0			#71 - established circulati	on		
4.0 1.0 1.0 4.0 4.0			mixed and pumped 200# B	entonite Gel followed by 4 bb	ls fresh water	· · · · · · · · · · · · · · · · · · ·
1.0 1.0 4.0		<u>.</u>	mixed and pumped 86 sks	Econobond cement, cement (lo surface	<u></u>
1.0 4.0			flushed pump clean		<u></u>	
4.0		-	pumped 2 7/8" rubber plug	to baffle with 4.31 bbls fresh	water	
			pressured to 800 PSI, well	held pressure		
			released pressure to set fl	oat valve		
40			washed up equipment			
40						
40						
1410						
4.0			#1-58 - established circulat	antonite Gel followed by 4 bbl	ic fresh water	
4.0	++			Econobond cement, cement to		<u> </u>
4.0	- -		flushed pump clean	Losnobolia bellicity dellicita i		· · · · · · · · · · · · · · · · · · ·
1.0				to baffle with 4.25 bbis fresh	waler	·····
1.0	1-1		pressured to 800 PSI, well I			
			released pressure to set flo			
4.0			washed up equipment			
:00 PM			left location			
				A MARKA SALE CONTRACTOR		e dige i glie e strikke jine i erste see
ORE			UNIT	and the second	SUMMARY	د. د. روید محمدوره بر در . حسین میروند میروند در .
	scy Kennedy		89	Average Rate	Average Pressure	Total Fluid
imp Operator: Ga Bulk: Hic	rreit Scott	·	239 240	3.1 bpm	- psi	• bbls

ily: 15-2021/01/25 mplv: 201-2021/09/15

WELL LOG

Thickness of Strata	Formation	Total Depth
0-33	Soil-Clay	33
5	Lime	38
2	Shale	40
16	Lime	56
7	Shale	63
11	Lime	74
5	Shale	79
18	Lime	97
45	Shale	142
21	Lime	163
73	Shale	236
22	Lime	258
25	Shale	283
7	Lime	290
22	Shale	312
2	Lime	314
19	Shale	333
1	Lime	334
15	Shale	349
24	Lime	373
7	Shale	380
22	Lime	402
4	Shale	406
4	Lime	410
3	Shale	413
6	Lime	419
120	Shale	539
3	Sand	542
7	Sand	549
4	Sandy Shale	553
39	Shale	592
7	Lime	599
4	Shale	603
7	Lime	610
2	Shale	612
2	Lime	614
26	Shale	640
4	Lime	644
11	Shale	655
9	Lime	664

Franklin County, KS Well:S. Beckmeyer 71 Lease Owner: TDR

TDR Constuction (913) 710-5400

10	Chalo	676
12	Shale	676
2	Lime	678
14	Shale	692
2	Sandy Shale	694
3	Sand	697
5	Sand	702
1	Limey Sand	703
2	Sandy Shale	705
95	Shale	800-TD
		· · · · · · · · · · · · · · · · · · ·
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		[

Short Cuts

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

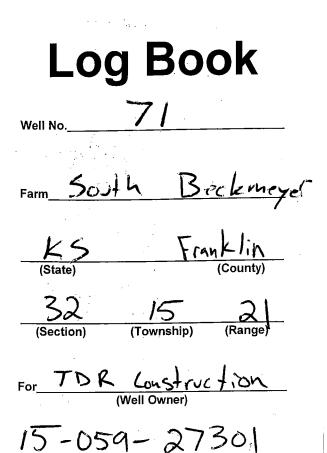
TO FIGURE PUMP DRIVES

* 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) + $(D-d)^2$

* Need these to figure belt length WATTS TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP



Town Oilfield Services, Inc. 1207 N. 1st East Louisburg, KS 66053

913-710-5400

South Backmere Farm: Franklin County CASING AND TUBING MEASUREMENTS State; Well No. Feet ln. Feet Feet ln. 1014 Elevation. 20 10-.20 Commenced Spuding 10-X Finished Drilling 120 Driller's Name Gh Driller's Name **Driller's Name** Tool Dresser's Name Tool Dresser's Name **Tool Dresser's Name** R Contractor's Name 21 32 15 (Range) (Section) (Township) 82Ŝ Distance from _ line, ft. line, ft. Distance from _ 4 sucks 9 hrs borehole 55/8 27/8 Laging CASING AND TUBING RECORD _____ 10" Pulled 10" Set 8" Pulled ___ 8" Set 20 6¼" Set 6¼" Pulled 4" Set . 4" Pulled 2" Pulled 2" Set _____ -1-

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Th	· · · · · · · · · · · · · · · · · · ·		
Thickness of Strata	Formation	Total Depth	Remarks
<u>0-33</u>	Soil-clay	33	
5	Limel	38	
2	Shale	40	
16	Lime	56	
7	Shalt	63	
11	Lime	74	· · · · · · · · · · · · · · · · · · ·
5	Shelf	79	
155	Lime	97	
45	Shale	142	
21	Lime	163	
73	Shalk	236	· · · · · · · · · · · · · · · · · · ·
22	Lime	258	
25	Shalk	283	
7	Lime	290	
22	Shall.	312	
2	Lime	314	
19	Shall	333	
1	Lime	334	
15	Shale	349	
24	Lime	373	
7	Shale	380	
22	Lime	402	
-4	Shale	406	
- U	Lime	410	
3	Shale	413	
6	Lime	419 Her	ha
120	Shale	539	· · · · · · · · · · · · · · · · · · ·
	-2-	· · · · · · · · · · · · · · · · · · ·	-3-

-3-

	.ee	`		
· · · · ·				
			539	
	Thickness of Strata	Formation	Total Depth	Parada
	_3	Sand	542	Remarks
	7	Sanel	549	
	4	Sindy Shale	553	- broken - good oil Show
	39	Shall	592	
	7	Lime	599	
	_4	Shale	603	
	_7	Lime	610	
	2	Shale	612	
	2	Lime	614	
-	_26	Shale	640	7.
		Line	644	
	<u> </u>	Shall	655	·
		Lime	664	
	12	Shale	610	
	2	Lime	678	
· · · · · · · · · · · · · · · · · · ·	-14	Shall	692	
	- 3+	Sandy Shale	694	
	- 3	Sald	697	broken- good oil Show
	$-\frac{2}{1}$	sand	102	solid- aved saturation
. :		limey save	103	NO OI
	- X	savely shale	105	broken-not much oil
	95	Shall	800	TD
× .				· · · · · · · · · · · · · · · · · · ·
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