KOLAR Document ID: 1643722

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 # 32218
Name: TDR Construction, Inc.
Address 1: PO BOX 339
Address 2:
City: LOUISBURG State: KS Zip: 66053 + 0339
Contact Person: Lance Town
Phone: (913) 710-5400
CONTRACTOR: License # 32218
Name: TDR Construction, Inc.
Wellsite Geologist: NA
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: Original Total Depth:
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

04/07/2022 Spud Date or Recompletion Date
04/08/2022 Date Reached TD
04/08/2022 Completion Date or Recompletion Date

API No.: 15-059-27332-00-00
Spot Description:
_ - SW - NW - NW Sec. 30 Twp. 15 S. R. 21 ☑ East ☐ West
4303 Feet from ☐ North / ☑ South Line of Section
4678 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Franklin
Lease Name: WISEMAN Well #: 20
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1062 Kelly Bushing: 0
Total Vertical Depth: 900 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 25 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 25 w/ 4 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 1500 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
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:** David Befort **Date:** 05/17/2022

Operator Name: TDR Construction, Inc. Lease Name: WISEMAN Well #: 20

Sec. 30 Twp. 15 S. R. 21 ☑ East ☐ West County: Franklin

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 Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☐ Yes	☑ No

List All E. Logs Run:

GammaRay/NuetronCCL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Squirrel	860	GL

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9	6.25	12	25	Portland	4	50/50 POZ
Production	5.625	2.875	6.5	893	Portland	106	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ 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, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/ Injection: 04/08/2022	Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:	
		Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	806	818

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
	806	818			

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	TDR Construction, Inc.
Well Name	WISEMAN 20
Doc ID	1643722

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9	6.25	12	25	Portland	4	50/50 POZ
Production	5.625	2.875	6.5	893	Portland	106	50/50 POZ

CEMENT TREATMENT REPORT

Customer:	TDR Constuction	Well:	Wiseman 19, 20	Ticket:	EP4314
City, State:	Louisburg, KS	County:	FR, KS	Date:	4/8/2022
Field Rep:	Lance Town	S-T-R:	30-15-21	Service:	Longstrings

Downhole Information	
Hole Size:	5 5/8 in
Hole Depth:	920/900 ft
Casing Size:	2 7/8 in
Casing Depth:	891/893 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	baffle
Tool Depth:	860/860 ft
Displacement:	4.98 bbls

Calculated Slurry - Lead	
Blend:	Econobond
Weight:	13.61 ppg
Water / Sx:	7.12 gal / sx
Yield:	1.56 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	bbls
Total Sacks:	0 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
12:30 PM			-	-	on location, held safety meeting
				-	
2:30 PM				-	#19
	4.0			-	established circulation
	4.0			-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
	4.0			-	mixed and pumped 110 sks Econobond cement, cement to surface
	4.0			-	flushed pump clean
	1.0			-	pumped 2 7/8" rubber plug to baffle with 4.98 bbls fresh water
	1.0			-	pressured to 800 PSI, well held pressure
				-	released pressure to set float valve
	4.0			-	washed up equipment
3:30 PM					waited for rig to make repairs, trip out of hole, and run casing
5:00 PM					#20
	4.0				established circulation
	4.0				washed down last joint of 2 7/8" casing
	4.0				mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
	4.0				mixed and pumped 106 sks Econobond cement, cement to surface
	4.0				flushed pump clean
	1.0				pumped 2 7/8" rubber plug to baffle with 4.98 bbls fresh water
	1.0				pressured to 800 PSI, well held pressure
					released pressure to set float valve
	4.0				washed up equipment
6:30 PM					left location

	CREW	UNIT
Cementer:	Casey Kennedy	89
Pump Operator:	Nick Beets	239
Bulk:	Keith Detwiler	247
H2O:	Garrett Scott	110

SUMMARY		
Average Rate	Average Pressure	Total Fluid
3.2 bpm	- psi	- bbls

ftv: 15-2021/01/25
mplv: 260-2022/03/30

Franklin County, KS
Well:Wiseman 20
Lease Owner: TDR

TDR Construction, Inc.
(913) 710-5400

Commenced Spudding:
4/7/22

WELL LOG

Thickness of Strata	Formation	Total Depth
0-4	Soil/Clay	4
14	Sandstone	18
117	Shale	135
23	Lime	158
7	Shale	165
10	Lime	175
6	Shale	181
17	Lime	198
18	Shale	216
14	Sand	230
7	Sandy Shale	237
16	Lime	253
5	Shale	258
1	Sandy Lime	259
4	Sandy Shale	263
70	Shale	333
22	Lime	355
18	Shale	373
7	Lime	380
24	Shale	404
5	Lime	409
32	Shale	441
23	Lime	464
8	Shale	472
22	Lime	494
4	Shale	498
5	Lime	503
3	Shale	506
6	Lime	512
7	Shale	519
8	Sandy Shale	527
111	Shale	638
14	Sand	652
7	Sandy Shale	659
39	Shale	698
7	Lime	705
12	Shale	717
27	Lime	734
4	Shale	738
4	Lime	742

Franklin County, KS
Well:Wiseman 20
Lease Owner: TDR

TDR Construction, Inc.
(913) 710-5400

Commenced Spudding:
4/7/22

4	Shale	746
2	Lime	748
8	Shale	756
5	Lime	761
14	Shale	775
8	Lime	783
9	Shale	802
2	Sand	804
2	Sand	806
3	Sand	809
10	Sand	819
2	Sandy Shale	821
79	Shale	900-TD