#### KOLAR Document ID: 1675663

Confiden	tiality Requeste	ed:
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	<ul> <li>DESCRIPTION</li> </ul>	VOF 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:
OilWSWSWD GasDHEOR	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 Recompletion 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:					

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Operator Nan	ne:			Lease Name:	_ Well #:
Sec	Twp	S. R	East West	County:	

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**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	eets)	Y	es 🗌 No		_ L	og Formatio	n (Top), Depth	and Datum	Sample
Samples Sent to Geolog	*		és 🗌 No	Ν	lame	e		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:			ies No ies No ies No						
		Repo	CASING I		] Ne	w Used rmediate, productio	on, etc.		
Purpose of String	Size Hole Drilled		ze Casing tt (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Туре	e of Cement	# Sacks Used		Type and Percent Additive		Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the is</li> <li>Was the hydraulic fractu</li> <li>Date of first Production/Inj</li> </ol>	total base fluid of the h ring treatment informa	nydraulic fra tion submit	acturing treatment	al disclosure regis	-	Yes Yes Yes Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Injection:			Flowing	Pumping		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITION	I OF GAS:		M	ETHOD OF COM	<b>IPLE</b>	TION:			ON INTERVAL:
Vented Sold (If vented, Subm	Used on Lease		Open Hole Perf.		Dually Comp.     Commingled       (Submit ACO-5)     (Submit ACO-4)		Bottom		
Shots Per         Perforation         Perforation         Bridge Plug           Foot         Top         Bottom         Type		Bridge Plug Acid, Fracture, Shot, Cementing Squeeze I Set At (Amount and Kind of Material Used)							
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion			
Operator	Bobcat Oilfield Service, Inc.			
Well Name	SHIELDS 24W-22			
Doc ID	1675663			

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	8.75	6	10	20	Portland	5	50/50 POZ
Production	5.625	2.875	8	703	Portland	102	50/50 POZ

Lease:	Shields				Well #: 24W-22
Owner:	Bobcat Oilfield	Service LLC	Dale Jackson Prod	luction Co.	Location: W2E2W2NW Sec13 Twp16 S.
OPR #:	3895		Box 266, Mound City, KS 66056         R.21 E           Cell # 620-363-2683         County: Miami           Office # 620-363-2696         FEL:           API#: 15-121-31714-00-00		
Contractor:	DALE JACKSON	N PRODUCTION CO.			
OPR #:	4339				
Surface: 20' of 6"	Cemented: 5 Sacks	Hole Size: 8 ¾″			
Longstring:	Cemented:	Hole Size:			Started: 9-22-2022
703' 2 7/8	102 Sacks	5 5/8			Completed: 9-23-2022
8rd	53 Portland 49 Flyash		SN: None Packer: None		TD: 710'
			Plugged: None	Bottom Plug: None	
	Wallto	~			

# Well Log

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	Topsoil	1/2	660 ½	Lime
7	9	Clay (Lose Rocks)	4 ½	665	Oil Sand (Some Shale) (Good Bleed)
6	15	Lime	2	667	Oil Sand (Shaley) (Fair Bleed)
7	22	Black Shale	4	671	Sandy Shale (Oil Sand Stk) Poor Bleed)
11	33	Lime	TD	710	Shale
3	36	Shale			
20	56	Lime			
7	63	Shale			
3	66	Red Bed			
14	80	Shale			
8	88	Sandy Shale			
19	107	Lime			
19	126	Shale			
10	136	Sandy Shale			
58	194	Shale			
20	214	Lime			
28	242	Shale (Limey)			
11	253	Lime			
25	278	Shale			
4	282	Lime			
27	309	Shale (Limey)			
23	332	Lime			
5	337	Black Shale			
8	345	Light Shale			
18	363	Lime			
4	367	Black Shale			
14	381	Lime			
103	484	Shale			
10	494	Light Shale (Limey)			
52	546	Shale			
7	553	Lime			
30	583	Shale			
10	593	Lime			
12	605	Light Shale			
4	609	Lime			
13	622	Black Shale			
15	637	Lime			
10	647	Shale (Limey)			
4	651	Coal			
3	654	Lime			
3	657	Shale (Limey)			
1	658	Light Shale (Limey)			
2	660	Light Sandy Shale (Oil Sand Stk) (Poor Bleed)			



Dale Jackson Production Co. Box 266, Mound City, KS 66056 Cell # 620-363-2683 Office # 620-363-2696

