KOLAR Document ID: 1427890

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 # 3895
Name: Bobcat Oilfield Service, Inc.
Address 1: 602 W. AMITY SUITE 103
Address 2:
City: LOUISBURG State: KS Zip: 66053 + 8108
Contact Person: Rob Eberhart
Phone: (913) 837-5199
CONTRACTOR: License # 4339
Name: Jackson, Dale E & Sue Ellen dba Dale E. Jackson Production Co.
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 #:

11/1/2018 Spud Date or Recompletion Date
11/1/2018 Date Reached TD
11/2/2018 Completion Date or Recompletion Date

API No.: 15-121-31524-00-00
Spot Description:
NE - NW - SW - NE Sec. 30 Twp. 16 S. R. 22 ☑ East ☐ West
3808 Feet from ☐ North / ☑ South Line of Section
2079 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: Miami
Lease Name: MCCANN Well #: 40
Field Name: Paola-Rantoul
Producing Formation: Squirrel
Elevation: Ground: 1034 Kelly Bushing: 0
Total Vertical Depth: 680 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 20 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: ppm Fluid volume: bbls
Dewatering method used:
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:** Karen Ritter **Date:** 12/11/2018

Operator Name: Bobcat Oilfield Service, Inc. Lease Name: MCCANN Well #: 40

Sec. 30 Twp. 16 S. R. 22 ☑ East ☐ West County: Miami

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

Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
N/A	N/A	N/A

List All E. Logs Run:

GammaRayNeutronCCL

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	8.75	6	10	20	Porrtland	5	50/50 POZ
Production	5.625	2.875	8	671	Portland	100	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:	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:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

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)*

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	Bobcat Oilfield Service, Inc.
Well Name	MCCANN 40
Doc ID	1427890

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	8.75	6	10	20	Porrtland	5	50/50 POZ
Production	5.625	2.875	8	671	Portland	100	50/50 POZ

Dale Jackson Production Co.
Box 266, Mound City, Ks 66056

Cell # 620-363-2683

Office # 620-363-2696

Surface: 20' of 6"	Cemented: 5 Sacks	Hole Size: 8 ¾"
Long string: 671' of 2 7/8" 8 round	Cemented: 100 sacks	Hole Size: 5 5/8"

SN: 638'	Packer: -
Plugged: -	Bottom Plug: -

TD: 680'

Well Log

Lease:	McCann
Owner:	Bobcat Oilfield Services Inc
OPR #:	3895
Contractor:	DALE JACKSON PRODUCTION CO.
OPR #:	4339

Well #: 40
Location: NE,NW,SW,NE, S30-T16-R22E
County: Miami
FSL: 3808
FEL: 2079
API#: 15-121-31524
Started: 11/11/18
Completed: 11/12/18

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
1	1	Top Soil	2	572	Oil Sand (fair Bleed)
5	6	Clay	3	575	Sand Shale
8	14	Lime (clay strks)	14	589	Shale
1	15	Clay	3	592	Lime
10	25	Sandy Shale	3	595	Black Shale
17	42	Lime	4	599	Light Shale
26	68	Shale	6	605	Shale
16	84	Lime	8	613	Lime
53	137	Sandy Shale (sand strks)	3	616	Shale
40	177	Shale	5	621	Lime
18	195	Lime	5	626	Black Shale
10	205	Shale	1	627	Lime
5	210	Sand	6	633	Shale
10	220	Sand Shale	2	635	Lime
1	221	Red Bed	3	638	Shale
5	226	Shale	3	641	Oil Sand (shaley) (poor bleed)
6	232	Lime	4	645	Oil Sand (some shale) (oil and water) (poor bleed)
17	249	Shale	1	646	Lime
2	251	Red Bed	6	652	Oil Sand (some shale) (fair bleed)
12	263	Shale	1	653	Oil Sand (shaley) (poor bleed)
18	281	Lime	3	656	Sandy Shale (oil sand strks)
13	294	Shale	1	657	Oil Sand (very shaley) (poor bleed)
23	317	Lime	2	659	Sandy Shale (oil sand strks)
9	326	Black Shale	TD	680	Shale
22	348	Lime			
3	351	Black Shale			
6	357	Lime			
4	361	Shale			
5	366	Lime			
9	375	Light Shale (limey)			
94	469	Shale			
3	472	Light Sandy Shale (odor)			
24	496	Shale			
2	498	Red Bed			
3	501	Shale			
10	511	Light Shale (limey)			
16	527	Shale			Surface 11/01/18, Set Time 3:00 pm
9	536	Lime			Called 1:00 pm, Talked to Brooke
9	545	Shale			Long string 671' of 2 7/8", TD 680'
6	551	Lime			Set Time 2:30 pm, 11/2/18
14	563	Shale			Called 1:30 pm, Talked to Brooke
3	568	Lime			
2	370	Light Shale (limey) (odor)			