Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1372496

Form ACO-1
November 2016
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 #:

10/27/2017 Spud Date or Recompletion Date
10/27/2017 Date Reached TD
10/31/2017 Completion Date or Recompletion Date

API No.: 15-121-31374-00-00
Spot Description:
SE - SW - SW - SE Sec. 24 Twp. 16 S. R. 21 ☑ East ☐ West
309 Feet from ☐ North / ☑ South Line of Section
2044 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: CAYOT Well #: 8-17
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1030 Kelly Bushing: 1030
Total Vertical Depth: 781 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:** 11/29/2017

[redacted] 1372496

Operator Name: Bobcat Oilfield Service, Inc. Lease Name: CAYOT Well #: 8-17

Sec. 24 Twp. 16 S. R. 21 ☑ 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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Geolgist Report / Mud Logs ☐ Yes ☑ No

List All E. Logs Run:

GammaRayNeutronCCL

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

Name	Top	Datum
Squirrel	724	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	8.750	6	10	20	Common	5	60/40 POZ
Production	5.625	2.875	8	766	Common	75	60/40 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 724 Bottom 734

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)*
	724	734			

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	CAYOT 8-17
Doc ID	1372496

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	8.750	6	10	20	Common	5	60/40 POZ
Production	5.625	2.875	8	766	Common	75	60/40 POZ

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

Cell # 620-363-2683

Office # 913-795-2991

Surface: 20' of 6"	**Cemented: 5 Sacks**	**Hole Size: 8 ¾"**
Longstring: 766' of 2 7/8" 8 round pipe	**Cemented: Hurricane**	**Hole Size: 5 5/8"**

SN: None	**Packer: -**
Plugged: -	**Bottom Plug:-**

TD: 781'

Well Log

Well #: 8-17
Location: SE,SW,SW,SE, S24-T16-R21E
County: Miami
FSL: 309
FEL: 2044
API#: 15-121-31374-00-00
Started: 10-27-17
Completed: 10-31-17

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

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	Top Soil	3	704	Lime
47	49	Clay	11	715	Shale
20	69	Lime	1	716	Lime
6	75	Black shale	5	721	Shale
11	86	Lime	3	724	Oil Sand (shaley)(fair bleed)
10	96	Sandy shale	6	730	Oil Sand (some shale)(fair bleed)
18	117	Lime	8	738	Sandy Shale (Oil sand strks)
25	139	Shale	2	740	Oil sand (very shaley)(fair bleed)
16	155	Lime	1	741	Sandy Shale (sand strks)
6	161	Shale	TD	781	Shale
15	176	Sandy Shale			
5	181	Sand (water)(taking fluid)			
10	191	Sandy Shale			
58	249	Shale			
20	269	Lime			
8	277	Shale			
9	286	Sandy Shale			
15	301	Shale			
5	306	Lime			
20	326	Shale			
9	335	Sand (water)			
15	350	Lime			
16	366	Shale			
25	391	Lime			
4	395	Black Shale			
4	399	Shale			
25	424	Lime			
3	427	Black Shale			
3	430	Lime			
4	434	Shale			
5	439	Lime			
169	608	Shale (lost circulation 594-600)(flow 594-600)			
8	618	Lime			
9	625	Shale			
3	628	Lime			
19	647	Shale			
6	653	Lime			
17	670	Shale			
4	674	Lime			SET SURFACE – 1:00 PM – 10/27/17
2	676	Black Shale			CALLED IN 10:45 AM – TALKED TO Michelle
14	690	Shale			LONGSTRING – 766' of 2 7/8" 8' ROUND PIPE
2	692	Lime			SET TIME 11:00 AM – 11/1/17
9	701	Shale (limey)			CALLED IN 10:00 AM - TALKED TO BROOKE

CEMENTING LOG

Company	Bobcat Oil	**Lease**		**Well Name/No.**	Kayot 8-17
Type Job	Longstring	**Type & Amt Material**	Thixatrpoic		
Field	0	**Ticket Number**	50174		

CASING DATA

Size	2.875"	Type		Weight	6.4	Collar	
Casing Depths:	Top	0	Bottom	766'			
Drill Pipe:	Size		Weight		Collars		
Open Hole:	Size	5.875"	T.D. (ft)	781'	P.B. to (ft)		

CAPACITY FACTORS

Casing	Bbls/Lin. ft.	0.00579	Lin. ft./Bbl
Open Holes	Bbls/Lin. ft.		Lin. ft./Bbl
Drill Pipes	Bbls/Lin. ft.		Lin. ft./Bbl
Annulus	Bbls/Lin. ft.	0.0255	Lin. ft./Bbl
	Bbls/Lin. ft.		Lin. ft./Bbl
Perforations	From (ft)	To	Amount

CEMENT DATA

Spacer Type Mudflush

Amt. 4 BBL Sks Yield $ft^3/_{sk}$ Density (PPG)

LEAD

Pump Time (hrs) Type Excess

Amt. Sks Yield $ft^3/_{sk}$ Density (PPG)

TAIL

Pump Time (hrs) Type Thixatrpoic Excess 30%

Amt. 75 Sks Yield 1.91 $ft^3/_{sk}$ Density (PPG) 14.5

WATER

Lead	gals/sk	Tail	9.91 gals/sk	Total (Bbls.)	17.69
Pump Trucks Used					230
Bulk Equipment					
					241
Float Equipment: Manufacturer					
Shoe: Type				Depth	
Float: Type				Depth	
Centralizers: Quantity		Plugs: Top	TRP	Bottom	
Stage Collars					
Special Equipment					
Disp. Fluid Type		Amt. (Bbls.)	4.43	Weight (PPG)	
Mud Type				Weight (PPG)	

COMPANY REPRESENTATIVE Bob Eberhardt **CEMENTER** Jake Heard

TIME	PRESSURES PSI		FLUID PUMPED DATA			
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED/ TIME PERIOD	RATE (BBLS MIN.)	REMARKS
						On location safety meeting
						spot in and rig up
						Hook up to tubing
	200		5		3	Break circulation
	200		4		3	Pump mudflush
	200		4		3	Pump dyed water
	200		25.51		3	Mix and pump cement
						Stop
						Wash pump and line
						Drop plug
	400		4.43		3	Displace
	1300				3	Bump plug
						Release pressure and shut in well
						Wash up pump and rig down
						Leave location
						Thanks--- Jake, Kevin, and T.C