Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1365833

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 #:

8/8/2017 Spud Date or Recompletion Date
8/11/2017 Date Reached TD
8/11/2017 Completion Date or Recompletion Date

API No.: 15-121-31341-00-00
Spot Description:
SE - SE - SW - SW Sec. 24 Twp. 16 S. R. 21 ☑ East ☐ West
266 Feet from ☐ North / ☑ South Line of Section
3972 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: ALVA SCHENDEL Well #: 7W-17
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1019 Kelly Bushing: 1019
Total Vertical Depth: 721 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:** 10/16/2017

[redacted] 1365833

Operator Name: Bobcat Oilfield Service, Inc. Lease Name: ALVA SCHENDEL Well #: 7W-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 (Attach Additional Sheets)	☐ Yes	☑ No
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	685	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	8	20	Portland	5	POZ
Production	5.625	2.875	6	717	Portland	90	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:	
		Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	685	695

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)*
	685	695			

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	ALVA SCHENDEL 7W-17
Doc ID	1365833

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	8	20	Portland	5	POZ
Production	5.625	2.875	6	717	Portland	90	60/40 POZ

Dale Jackson Production Co.
Box 266, Mound City, Ks 66056
Office # 913-795-2991
Cell # 620-363-2683

Surface: 20' of 6"	Cemented: 5 Sacks	Hole Size: 8 ¾"
Longstring: 717' of 2 7/8" 8 round pipe	Cemented: 90 sacks	Hole Size: 5 5/8"

SN: -	Packer: -
Plugged: -	Bottom Plug:-

TD: 721'

Well Log

Well #: 7W-17	
Location: SESESWSW S24-T16-R21E	
County: Miami	
FSL: 266	
FEL: 3972	
API#: 15-121-31341-00-00	
Started: 8-8-17	
Completed: 8-11-17	

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

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	Top Soil	4	513	Light Shale (Limey)
8	10	Clay	3	516	Light Sandy Shale (oil sand strks) (poor bleed)
18	28	Lime	13	529	Light Shale
6	34	Black Shale	27	556	Shale
10	44	Lime	6	562	Shale (Limey)
10	54	Sandy Shale	5	567	Shale (Limey) (oder)
20	74	Lime	8	575	Lime
20	94	Shale (Clay strks)	10	585	Shale (Limey)
6	100	Sandy Shale	16	601	Shale
16	116	Lime	1	602	Coal
14	130	Sandy Shale	6	608	Shale
5	135	Shale	5	613	Lime
4	139	Sandy Shale	5	618	Shale (oil sand strks) (poor bleed) (limey)
5	144	Sandy (Water)	13	631	Shale
2	146	Sandy Shale	4	635	Lime
60	206	Shale	3	638	Coal
20	226	Lime	20	658	Shale (Limey)
8	234	Shale	3	661	Lime
10	244	Sandy shale	3	664	Shale (Limey)
7	251	Shale	5	669	Black Shale
7	258	Shale (Limey)	7	676	Shale (Limey)
5	263	Lime	1	677	Lime
3	266	Shale	3	680	Light Shale (Limey)
1	267	Coal	3	683	Light Shale (Slight odor) (Limey)
19	286	Shale	2	685	Light Shale (Oil sand strks) (Poor bleed)
4	290	Lime	2	687	Oil sand (some shale) (good bleed)
5	295	Sandy Shale (Limey)	1	688	Sandy Shale (Oil sand strks) (Limey) (Poor bleed)
10	305	Lime	1	689	Oil Sand (very shaley) (fair bleed)
20	325	Shale	3	692	Oil Sand (Shaley) (fair bleed)
26	351	Lime	7	699	Shale (Oil sand strks) (fair bleed)
2	353	Black Shale	4	703	Sandy shale (Oil sand strks) (poor bleed)
5	358	Shale	5	708	Sandy shale
5	363	Shale (Limey)	TD	721	Shale
21	384	Lime			
2	386	Black Shale			
5	391	Lime			
3	394	Shale (Limey)			
4	398	Lime			
12	410	Shale (Limey)			SET SURFACE – 4:00 PM – 8/8/17
12	422	Shale			CALLED IN 2:30 PM – TALKED TO BROOKE
8	430	Sand (Water) (some shale)			LONGSTRING – 717' of 2 7/8" 8' ROUND PIPE
15	445	Sandy Shale			SET TIME 12:30 PM – 8/11/17
64	509	Shale			CALLED IN 11:30 AM - TALKED TO BROOKE