KOLAR Document ID: 1432985

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 # 35138
Name: S & B Operating LLC
Address 1: 6340 GLENWOOD ST STE 103
Address 2:
City: OVERLAND PARK State: KS Zip: 66202 + 4008
Contact Person: Bradley Kramer
Phone: (913) 871-3500
CONTRACTOR: License # 8509
Name: Evans Energy Development, Inc.
Wellsite Geologist: None
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 #:

12/19/2018	12/20/2018	12/20/2018
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-121-31573-00-00
Spot Description:
SE - SW - SE - NW Sec. 17 Twp. 16 S. R. 24 ☑ East ☐ West
2890 Feet from ☐ North / ☑ South Line of Section
3460 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: BARKIS Well #: SB-15
Field Name: Paola-Rantoul
Producing Formation: Squirrel
Elevation: Ground: 1013 Kelly Bushing: 1016
Total Vertical Depth: 696 Plug Back Total Depth: 654
Amount of Surface Pipe Set and Cemented at: 22 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 687
feet depth to: 0 w/ 71 sx cmt.

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

Chloride content: 0 ppm Fluid volume: 30 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: 01/13/2019
☐ **Confidential Release Date:** 01/12/2021
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 01/14/2019

Operator Name: S & B Operating LLC Lease Name: BARKIS Well #: SB-15

Sec. 17 Twp. 16 S. R. 24 ☑ 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

Geologist Report / Mud Logs ☐ Yes ☑ No

List All E. Logs Run:

Gamma Ray/Neutron/CCL

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

Name	Top	Datum
Squirrel	614	+399

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	9.875	7	17	22	Portland	6	NA
Production	5.625	2.875	6.5	687	Thixoblend II	71	See Ticket

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: 01/05/2019

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	10				

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
614	622

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)*
4	614	622			33 Perfs - 2" DML RTG 90 Degree Phase

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	S & B Operating LLC
Well Name	BARKIS SB-15
Doc ID	1432985

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	9.875	7	17	22	Portland	6	NA
Production	5.625	2.875	6.5	687	Thixoblend II	71	See Ticket

QES

PRESSURE PUMPING LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

12242
12117

TICKET NUMBER 55534
LOCATION Ottawa, KS
FOREMAN Casey Kennedy

Invoice #814790

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/20/18	7381	Backis # SB-15	NW 17	16	24	Mi

CUSTOMER: S+B Operating

MAILING ADDRESS: 9393 W. 110th St, Ste 500

CITY: Overland Park | STATE: KS | ZIP CODE: 66210

TRUCK #	DRIVER	TRUCK #	DRIVER
729	CasKen	Safety	Meeting
495	HarBec	✓	
503	AlaMad	✓	
675	KeiDet	✓	

JOB TYPE longstring | HOLE SIZE 5 5/8" | HOLE DEPTH 696' | CASING SIZE & WEIGHT 2 7/8" EUE

CASING DEPTH 687' | DRILL PIPE | ~~TUBING~~ baffle - 654' | OTHER

SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 33'

DISPLACEMENT 3.79 bbls | DISPLACEMENT PSI | MIX PSI | RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed + pumped 200 # Gel followed by 5 bbls fresh water, mixed + pumped 71 sks Thixoblend II cement w/ 1# Phenoseal per sk, cement to surface, flushed pump clean, pumped 2½" rubber plug to baffle w/ 3.79 bbls fresh water, pressured to 800 PSI, released pressure to set float valve.

CJB

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	
CE0002	35 mi	MILEAGE	250.25	
CE0711	min	ton mileage	660.00	
WE0853	2 hrs	80 Vac	200.00	
		trucks	2610.25	
		-48%	1252.92	
		subtotal		1357.33
CC5861	71 sks	Thixoblend II cement	1917.00	
CC5965	200 #	Gel	60.00	
CC6079	71 #	Phenoseal	95.85	
CP8176	1	2½" rubber plug	45.00	
		materials	2117.85	
		-48%	1016.57	
		Subtotal		1101.28
		8%	SALES TAX	88.10
			ESTIMATED TOTAL	2546.71

Ravin 3737

AUTHORIZTION _____ TITLE _____ DATE _____ 4897.53

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's

EVANS ENERGY DEVELOPMENT INC.
24 S. Gold Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083
Fax: 913-557-9084

WELL LOG

S & B Operating LLC
Barkis #SB-15
API #15-121-31,573
December 19 - December 20, 2018

Thickness of Strata	Formation	Total	
12	soil & clay	12	
6	shale	18	
7	lime	25	
13	shale	38	
36	lime	74	
16	shale	90	
11	lime	101	
8	shale	109	
3	lime	112	
19	shale	131	red bed
7	lime	138	
36	shale	174	
10	lime	184	
16	shale	200	
26	lime	226	oil show
6	shale	232	
20	lime	252	
3	shale	255	black
3	lime	258	
4	shale	262	
10	lime	272	base of the Kansas City
11	shale	283	
7	broken sand	290	brown sand & shale, ok bleeding
106	shale	396	
2	silty shale	398	
6	sand	404	shaley grey sand, no odor
58	shale	462	
5	lime	467	
1	shale	468	
7	lime	475	
5	shale	480	
9	lime	489	
19	shale	508	
3	lime	511	oil show
9	shale	520	
5	lime	525	
6	shale	531	
9	lime	540	

21	shale	561
2	lime	563
7	shale	570
1	lime	571
2	shale	573
1	coal	574
28	shale	602
1	lime & shells	603
6	shale	609
1	lime & shells	610
3	silty shale	613
1	silty shale	614
3	oil sand	617 brown sand, soft good bleeding
4.5	broken sand	621.5 80% brown sand good bleeding 20% shale
2.5	silty shale	624
26	shale	650
1	coal	651
45	shale	696 TD

Drilled a 9 7/8" hole to 21.6'
Drilled a 5 5/8" hole to 696'

Set 21.6' of 7" surface casing threaded and coupled, cemented with 6 sacks cement.

Set 686.55' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp, and baffle
Baffle set at 653.75'

Core Times

	Minutes	Seconds
613		52
614		54
615		48
616		48
617	1	2
618		44
619		45
620		53
621		51
622		39
623		41
624		44
625	1	8
626	1	6
627	1	8
628	1	7
629		59
630		57
631	1	3