Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1231821

Form ACO-1
August 2013
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 Services, Inc.
Address 1: 602 W AMITY SUITE 103
Address 2:
City: LOUISBURG State: KS Zip: 66053 + __ __ __ __
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: N/A
Purchaser: Coffeyveill Resources Refining & Marketing

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☑ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ 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 ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

08/21/2014	08/22/2014	08/22/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-30477-00-00
Spot Description:
NW SE SW SW Sec. 24 Twp. 16 S. R. 21 ☑ East ☐ West
567 Feet from ☐ North / ☑ South Line of Section
4326 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 #: 12W-14
Field Name: Paola-Rantoul
Producing Formation: Squirrel
Elevation: Ground: 1019 Kelly Bushing: 0
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: 717
feet depth to: 0 w/ 90 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: 12/18/2014
☑ **Confidential Release Date:** 12/17/2016
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 12/18/2014

[redacted] 1231821

Operator Name: Bobcat Oilfield Services, Inc. Lease Name: Alva Schendel Well #: 12W-14

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

List All E. Logs Run:

Gamma Ray/Neutron/CCL

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

Name	Top	Datum
Squirrel	674	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	8.75	6	8	20	Portland	5	None
Production	5.625	2.875	6	717	Portland/Fly Ash	90	60/40 Poz Mix

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	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
4	674-680	Acid 250 gal 7.5% HCL	

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 01/23/2015

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

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

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)* ☐ Other *(Specify)*

PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	Bobcat Oilfield Services, Inc.
Well Name	Alva Schendel 12W-14
Doc ID	1231821

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	8	20	Portland	5	None
Production	5.625	2.875	6	717	Portland/Fly Ash	90	60/40 Poz Mix

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: 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 #: 12W-14	
Location: NW,SE,SW,SW,S24-T16-R21E	
County: Miami	
FSL: 610' S	
FEL: 4334' E	
API#: 15-121-30477-00-00	
Started: 8/21/2014	
Completed: 8/22/2014	

Lease:	Alva Schendel
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	2	525	Coal
6	8	Clay	33	558	Shale
13	21	Lime	9	567	Lime
6	27	Black Shale	3	570	Shale
11	38	Lime	6	576	Shale (Limey)
9	47	Sandy Lime	16	592	Shale
20	67	Lime	1	593	Coal
4	71	Shale	5	598	Shale
3	74	Red Bed	7	605	Lime
6	80	Shale	1	606	Sandy Shale (Oil Sand Stks)(Poor Bleed)(Limey)
7	87	Sandy Lime	3	609	Sandy Shale (Oil Sand Stks)(Poor Bleed)
6	93	Sandy Shale	1	610	Shale (Oil Sand Stks)(Poor Bleed)
16	109	Lime	11	621	Shale
7	116	Sandy Shale	4	625	Lime
3	119	Sand (Dry)	3	628	Coal
17	136	Sandy Shale	22	650	Shale (Limey)
63	199	Shale	5	655	Lime
19	218	Lime	4	659	Shale (Coal Stks)
10	228	Shale	8	667	Shale (Limey)
9	237	Sandy Shale	1	668	Lime
10	247	Shale	3	671	Shale
7	254	Lime	1	672	Light Shale
21	275	Shale	1	673	Light Shale (Oder)
10	285	Sand (Dry)	1	674	Light Sandy Shale (Oil Sand Stks)(Poor Bleed)
1	286	Shale	3	677	Oil Sand (Some Shale)(Good Bleed)
10	296	Lime	2.5	679.5	Oil Sand (Shaley)(Good Bleed)
21	317	Shale	1.5	681	Oil Sand (Very Shaley)(Fair Bleed)
10	327	Lime	2	683	Sandy Shale (Oil Sand Stks)(Poor Bleed)
3	330	Shale (Limey)	2	685	Oil Sand (Shaley)(Fair Bleed)
14	344	Lime	3.5	688.5	Oil Sand (Very Shaley)(Fair Bleed)
5	349	Black Shale	3.5	692	Sandy Shale (Oil Sand Stks)(Poor Bleed)
6	355	Shale	9	701	Sandy Shale
19	374	Lime	TD	721	Shale
5	379	Black Shale			
4	383	Lime			
4	387	Shale			
5	392	Lime			
24	416	Shale			
7	423	Sand (Dry)			SET SURFACE – 10:45 AM – 8/21/14
13	436	Sandy Shale			CALLED IN 10:11 AM – TALKED TO BROOKE
67	503	Shale			LONGSTRING – 717' of 2 7/8" 8' ROUND PIPE
11	514	Light Sandy Shale			SET TIME 2:00 PM – 8/22/14
9	523	Shale			CALLED IN 12:32 PM - TALKED TO ALLEN

MOSSMAN LUMBER COMPANY

1/2 Mile North of Louisburg
27295 Metcalf Rd.
P.O. Box 729
Louisburg, Kansas 66053
913-837-2955 · 1-800-521-1764

True Value

CUSTOMER NO.	JOB NO.	PURCHASE ORDER NO.	REFERENCE	TERMS	CLERK	DATE	TIME
251			ORDR # 79960	NET 10TH	RR	7/10/14	13:39

SOLD TO:
[illegible] O.I.
SUITE 103
602 WEST AMITY
LOUISBURG, KS 66053

SHIP TO:
11498 WEST 152 HIWAY

DEL. DATE: 7/14/14 TERM#551

SLSPR: RR ROBERT RAND
TAX : 001 LOUISBURG, KS

DOC# 179437
****
* INVOICE *
****

ORDR 79960

QUANTITY SHIPPED	QUANTITY ORDERED	UM	SKU	DESCRIPTION		UNITS	PRICE/PER	EXTENSION
200		EA	FLYASH	80# SX FLY ASH CLASS C		200	5.45 /EA	1,090.00
315		EA	PORTLAND	94# PORTLAND CEMENT I/II		315	9.50 /EA	2,992.50
14		EA	PALLET	RETURNABLE PALLET		14	15.00 /EA	210.00 *
14		EA	WRAP	SHRINK WRAPPED PALLET		14	5.00 /EA	70.00
1		EA	FUEL	FUEL SURCHARGE		1	50.41 /EA	50.41

Alva Schendel
12W-14

** AMOUNT CHARGED TO STORE ACCOUNT ** 4,805.56

TAXABLE	4412.91
NON-TAXABLE	0.00
SUBTOTAL	4412.91
TAX AMOUNT	392.75
TOTAL AMOUNT	4805.66

X ______________________
RECEIVED BY

4805.66