

Confiden	tiality Requested:
Yes	No

Kansas Corporation Commission Oil & Gas Conservation Division

1231814

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 #			API No. 15			
Name:			Spot Description:			
Address 1:			Sec.	TwpS. R	East _ West	
Address 2:			F6	eet from North /	South Line of Section	
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section	
Contact Person:			Footages Calculated from	Nearest Outside Section C	Corner:	
Phone: ()			□ NE □ NW	V □SE □SW		
CONTRACTOR: License #			GPS Location: Lat:	, Long:		
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxx)	
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84		
Purchaser:			County:			
Designate Type of Completion:			Lease Name:	W	ell #:	
	e-Entry	Workover	Field Name:			
	_		Producing Formation:			
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW ∏ SIGW	Elevation: Ground:	Kelly Bushing:		
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total D	epth:	
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet	
☐ Cathodic ☐ Other (Co	ore. Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No	
If Workover/Re-entry: Old Well I			If yes, show depth set:			
Operator:			If Alternate II completion, c	cement circulated from:		
Well Name:			feet depth to:	w/	sx cmt.	
Original Comp. Date:						
Deepening Re-perf	J	ENHR Conv. to SWD	Drilling Fluid Managemer	nt Plan		
Plug Back	Conv. to G		(Data must be collected from to			
Commingled	Permit #		Chloride content:	ppm Fluid volume	: bbls	
Dual Completion			Dewatering method used:_			
SWD			Location of fluid disposal if	hauled offsite:		
ENHR	Permit #:					
GSW	Permit #:		Operator Name:			
			Lease Name:			
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. R	East West	
Recompletion Date		Recompletion Date	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							
Geologist Report Received							
UIC Distribution							
ALT I II III Approved by: Date:							



Operator Name:			Lease Name:			Well #:				
Sec Twp	S. R	East West	County:							
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.										
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log			
Drill Stem Tests Taker (Attach Additional	(Attach Additional Sheets)									
Samples Sent to Geo	logical Survey	Yes No	Nam	Э		Тор	Datum			
Cores Taken ☐ Yes ☐ No Electric Log Run ☐ Yes ☐ No										
List All E. Logs Run:										
		0.0000								
		CASING Report all strings set-o	RECORD Ne conductor, surface, inte		ion, 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			
		ADDITIONAL	CEMENTING / SQU	EEZE 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 hydrau	ulic fracturing treatment or	n this well?		Yes	No (If No, ski	o questions 2 an	nd 3)			
	· ·	aulic fracturing treatment ex	_			o question 3)	of the ACO 1)			
was the hydraulic fractur	ring treatment information	submitted to the chemical of	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)			
Shots Per Foot		N RECORD - Bridge Plug potage of Each Interval Perf			cture, Shot, Cement mount and Kind of Ma		d Depth			
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No					
Date of First, Resumed	Production, SWD or ENH	R. Producing Meth		Gas Lift C	Other <i>(Explain)</i>					
Estimated Production Per 24 Hours	Oil B		Mcf Wate			ias-Oil Ratio	Gravity			
DISPOSITIO	ON OF GAS:	, and a second	METHOD OF COMPLE	TION		PRODI ICTIC	ON INTERVAL:			
Vented Solo		Open Hole	Perf. Dually	Comp. Cor	nmingled	THODOUTIC	ZIN IINI ELIVAE.			
	bmit ACO-18.)	Other (Specify)	(Submit A		mit ACO-4)					

Form	ACO1 - Well Completion		
Operator	Bobcat Oilfield Services, Inc.		
Well Name	Alva Schendel 11W-14		
Doc ID	1231814		

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	8.75	6	8	20	Portland	5	None
Production	5.625	2.875	6	718	Portland/Fl y Ash		60/40 Poz Mix

Cell # 620-363-2683

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

Log

Office # 913-795-2991

TD: 721'

SN: Packer:
Plugged: Bottom Plug:

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

Well #: 11W-14

Well

Location: NW,NE,SW,SW,S24-T16-R21E

County: Miami FSL: 1023' S FEL: 4324' E

API#: 15-121-30476-00-00 Started: 8/25/2014

Completed: 8/28/2014

OPR #:		4339	1				
TKN	BTM Depth	Formation	TKN	BTM Depth	Formation		
3	3	Top Soil	19	563	Shale		
5	8	Clay	8	571	Lime		
20	28	Lime	11	582			
3	31	Black Shale	15	597	Shale (Limey)		
3	34	Shale	2	599	Shale Coal		
11	45	Lime	3	602	Shale		
8	53	Lime (Shaley)	7	609			
18	71	Lime	1	610	Lime		
5	76	Shale	3	613	Shale (Limey)(Oil Sand Stks)(Poor Bleed)		
3	79	Red Bed	12	625	Sandy Shale (Oil Sand Stks)(Poor Bleed) Shale		
9	88	Shale	3	628	Lime		
11	99	Sandy Shale	3	631	Coal		
17	116	Lime	23	654			
37	153	Sandy Shale	2	656	Shale (Limey)		
53	206	Shale	3	659	Lime		
19	225	Lime	2	661	Shale (Limey) Coal		
7	232	Shale	5	666			
15	247	Sandy Shale	1	667	Shale (Limey) Lime		
7	254	Light Shale (Limey)	7	674			
9	263	Lime	2	676	Shale (Limey)		
1	264	Coal	1	677	Light Shale (Limey)(Oder)		
15	279	Shale	1	678	Light Shale (Oil Sand Stks)(Poor Bleed)(Limey)		
3	282	Lime	4	682	Oil Sand (Limey)(Some Shale)(Fair Bleed)		
11	293	Sandy Lime (Oder)	1	683	Oil Sand (Some Shale)(Good Bleed)		
10	303	Lime	1.5	684.5	Oil Sand (Very Shaley)(Fair Bleed)		
20	323	Shale	3.5	688	Oil Sand (Some Shale)(Fair Bleed)		
25	348	Lime	10	698	Oil Sand (Very Shaley)(Fair Bleed)		
2	350	Black Shale	TD	721	Sandy Shale (Oil Sand Stks)(Poor Bleed) Shale		
3	356	Shale	10	121	Snaie		
23	379	Lime					
5	384	Black Shale					
3	387	Lime					
	391	Shale					
;	396	Lime	_				
3	404	Shale (Limey)					
5	419	Shale (Limey)					
2	441	Sandy Shale					
2	503	Shale					
	506	Light Shale (Limey)			SET SURFACE - 3:00 PM - 8/25/14		
3	510	Light Sandy Shale (Oil Sand Stks)(Po	nor -		CALLED IN 1:05 PM – TALKED TO BROOKE		
		Bleed)	501				
1	521	Light Shale (Limey)			LONGSTRING – 718' of 2 7/8" 8' ROUND PIPE		
6	537	Shale			SET TIME 2:00 PM - 8/26/14		
7	544	Light Shale (Limey)		1	CALLED IN 12:11 PM - TALKED TO STEVE		

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FROM MOSSMAN LUMBER 9138375871