Confidentiality Requested: Yes No

## KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1192977

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:			
Address 2:			Feet from Dorth / South Line of Sec
City: St	ate: Zip	):+	Feet from East / West Line of Sec
Contact Person:			Footages Calculated from Nearest Outside Section Corner:
Phone: ()			
CONTRACTOR: License #			GPS Location: Lat:, Long:
Name:			(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:			Datum: NAD27 NAD83 WGS84
Purchaser:			County:
Designate Type of Completion:			Lease Name: Well #:
	Entry	Workover	Field Name:
Oil Oil WSW Gas D&A OG CM (Coal Bed Methane) Cathodic Other (Core If Workover/Re-entry: Old Well Inf Operator: Well Name: Original Comp. Date:	SWD  Known Swd  Swd  Swd  Swd  Swd  Swd  Swd  Swd	SIOW SIGW	Producing Formation:
Deepening Re-perf.		IHR     Conv. to SWD       SW     Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
<ul> <li>Commingled</li> <li>Dual Completion</li> <li>SWD</li> <li>ENHR</li> <li>GSW</li> </ul>	Permit #: Permit #: Permit #:		Chloride content: ppm Fluid volume: t Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name:
	ι στητί <i>π</i>		Lease Name: License #:
Spud Date or Date Rea Recompletion Date	ched TD	Completion Date or Recompletion Date	Quarter Sec TwpS. R East W           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:								

	Page Two	1192977
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R   East West	County:	
INCTRUCTIONS: Chause important tang of formations paratested	atail all aaraa Bapart all final	conico of drill stome toste siving interval tosted, time tool

**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 Sh	eets)	Yes No		-	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
			RECORD Ne				
		Report all strings set-o	conductor, surface, inte	ermediate, production	on, 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 / SQL	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							

Did you perform a hydraulic fracturing treatment on this well?	Yes	No
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes	No
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes	No

(If No, skip questions 2 and 3) (If No, skip question 3)

(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				А		ement Squeeze Record d of Material Used)	Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner Ru	in: Yes	No	
Date of First, Resumed	Producti	ion, SWD or ENHR		Producing N		oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls	ŝ.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF G	AS:						□ <b>-</b>	PRODUCTION INT	ERVAL:
Vented Sold	ι <u></u> ι	Used on Lease		Open Hole	Perf.	Uually (Submit )	Comp. 4 <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Sul	bmit ACO	)-18.)		Other (Specify)	)			. ,		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion			
Operator	S & K Oil Production, Inc.			
Well Name	Woodward S 12			
Doc ID	1192977			

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.08750	7	6	20	One	5	None
Casing	5.0625	2.08750	6	675	One	75	None

Lease:	Woodward				Well #: S-12 Location: SE SW SE NW - Sec12 Twp25S R21E County: Bourbon FSL: 2715'FT.			
Owner:	S&K Oil Proc	luction, Inc.	Dale Jackson Pr	oduction Co.				
OPR #:	33551	A	Box 266, Mound	City. Ks 66056				
Contractor:	DALE JACKS	ON PRODUCTION CO						
OPR #:	4339	5 /1		Office # 913-795-2991		FWL: 1900'FT.		
Surface:	Cemented:	Hole Size:		/55 2552	API#: 15-011-24386-00-00 Started: 1/14/2014			
20' of 7"	5 Sacks	97/8"						
Longstring:	Cemented:	Hole Size:			Completed D	rilling: 1/14/2014		
675'FT. 27/8" 8rd pipe		5 5/8"	SN: NONE	Packer: NO	TD: 681'			
	WellLo	סר	Plugged: NO	Bottom Plug:				

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	TOP SOIL & LOOSE ROCK	1	525	LIME
43	45	LIME	45	570	SHALE
4	49	BLACK SHALE	5	476	BLACK SHALE
2	51	LIME	12	588	SHALE
7	58	SHALE	2	590	COAL
33	91	LIME	15	605	SHALE
2	93	BLACK SHALE	19	624	SANDY SHALE
4	97	LIME	2	626	SAND (SHALEY) (ODOR)
5	102	SHALE	6	632	SANDY SHALE (ODOR)
13	115	LIME	5	637	SAND (SHALEY) (ODOR)
17	132	SHALE (LIMEY)	11	648	SANDY SHALE (SAND STREAK) (NO ODOR)
5	137	BLACK SHALE	3	651	SANDY SHALE (SAND STREAK) (ODOR)
5	142	SHALE	1.5	652.5	OIL SAND (WATER & SOME OIL)
26	168	LIME	1.5	654	SANDY SHALE
70	238	SHALE	3	657	OIL SAND (SOME SHALE) (WATER & SOME OIL)
1	239	COAL	3	660	SANDY SHALE (OIL SAND STREAK) (FAIR BLEED)
16	255	SHALE	1	661	LIGHT SHALE
6	261	SANDY SHALE(ODOR)	1	662	SAND (ODOR) (SHALEY)
19	280	SHALE	4	666	LIGHT SANDY SHALE
2	282	LIME	6	670	WHITE SAND
4	286	SHALE	9	679	SHALE
13	299	LIME	1	680	WHITE SAND
10	309	SHALE	TD	681	SHALE
3	312	RED BED			
41	353	SHALE			
2	355	SAND (DRY)			
13	368	SHALE			
3	371	LIME			
3	374	COAL		a stand	
3	377	SHALE			
21	398	LIME			
3	401	BLACK SHALE			
43	444	SHALE			
16	460	LIME			
4	464	SHALE		145	
4	468	BLACK SHALE			
5	473	LIME		1.5.1	
2	475	BLACK SHALE			
7	482	SHALE			
8	490	LIGHT SANDY SHALE			
34	524	SHALE			

1-15-14 Well # 512

CEMENTED 75 SACKS CEMENT TO TOP S & k OII PRODUCTION TOOLS