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KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM . HISTORY - DESCRIPTION OF WELL & LEASE

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	Form ACO-1
URIA	June 2009
11/3/4.	Form Must Be Typed
WINIA.	Form must be Signed
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KCC WICHITA	WELL HISTORY - DESC

CC WICTITA OPERATOR: License # 34684	API No. 15
Name: RONALD GERMAN DBA GERMAN OIL CO	Spot Description:
Address 1: 1500 MAIN	NE_NE_NW_NE_Sec. 4 Twp. 24 S. R. 17 ▼ East West
Address 2:	5,115 Feet from North / ✓ South Line of Section
City: NEOSHO FALLS State: KS Zip: 66758 +	
Contact Person: RONALD GERMAN	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 496 6974	□NE □NW ☑SE □SW
CONTRACTOR: License #	County: WOODSON
Name: STEVEN A LEIS	Lease Name: KRAMER Well #: 1
Wellsite Geologist: NONE	_ Field Name: NEOSHO FALLS-LEROY
Purchaser: PACER ENERGY	Producing Formation: MISSISSIPPI
Designate Type of Completion:	Elevation: Ground: 973 EST Kelly Bushing: 978
✓ New Well	Total Depth: 1263 Plug Back Total Depth:
✓ Oil	Amount of Surface Pipe Set and Cemented at: 20 Feet
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from: 1255
Cathodic Other (Core, Expl., etc.):	feet depth to: 0 w/ 131 sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Service Control of the Control of th
Well Name:	Drilling Fluid Management Plan
	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: 0 ppm Fluid volume: 50 bbls
Deepening Re-perf Conv. to ENHR Conv. to SWD	Dewatering method used: HAULED TO DISPOSAL WELL
Conv. to GSW	
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name: RON-BOB OIL LLC
Dual Completion Permit #:	Lease Name: NELSON License #: 34047
SWD Permit #:	Quarter NE Sec. 3 Twp. 24 S. R17
☐ ENHR Permit #:	County: WOODSON Permit #: D28898
	
3/5/2012	
Recompletion Date Recompletion Date	
Kansas 67202, within 120 days of the spud date, recompletion, workover or confiside two of this form will be held confidential for a period of 12 months if recompletions.	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidenell report shall be attached with this form. ALL CEMENTING TICKETS MUST rm with all temporarily abandoned wells.
AFFIDAVIT	KCC Office Use ONLY
I am the affiant and I hereby certify that all requirements of the statutes, rules and lations promulgated to regulate the oil and gas industry have been fully complied	I I offer of Confidentiality Paceived
and the statements herein are complete and correct to the best of my knowled	ge. Date:
•	Confidential Release Date:
Signatura: Roy A.O. A.	☐ Wireline Log Received
Signature. Wenneyex Stan	Geologist Report Received UIC Distribution
Title:	ALT I III Approved by: D Date: 8 D

Sec. 4 Twp.24 S. R. 17 Peast West County: WOODSON INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval te time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric line Logs surveyed. Attach final geological well site report. Drill Stem Tests Taken Yes No Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Samples Sent to Geological Survey Yes No Mississispel Mis	Operator Name: RC	NALD GERMAN I	DBA GERMAN OIL	CO Lease I	Name: _	KRAMER		. Well #:1	
time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric line Logs surveyed. Attach final geological well site report. Drill Stem Tests Taken									·
Name Top Datum	ime tool open and cl recovery, and flow ra	osed, flowing and shu tes if gas to surface to	ut-in pressures, whether est, along with final char	r shut-in pres	sure rea	ched static level	, hydrostatic press	ures, bottom t	hole temperature, fluid
Samples Sent to Geological Survey			Yes No			og Formatio	on (Top), Depth an	d Datum	☐ Sample
Cores Taken	Samples Sent to Geo	ological Survey	☐ Yes ✓ No					Тор	Datum
AUG 0 3 20 CASING RECORD New Jused KCC WICHI Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Drilled Set (In O.D.) Weight Lbs. / Ft. Depth Cement Used Additives SURFACE 10 7 17 20 PORTLAND 10 PRODUCTION 5.875 2.875 6.5 1255 QUICK SET 131 ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Top Bottom Type of Cement # Sacks Used Type and Percent Additives	Cores Taken Electric Log Run Electric Log Submitte	ed Electronically	☐ Yes ✓ No		·	33111	•		
CASING RECORD New Vused Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Drilled Size Casing Weight Lbs. / Ft. Depth Cement Used Additives SURFACE 10 7 17 20 PORTLAND 10 PRODUCTION 5.875 2.875 6.5 1255 QUICK SET 131 ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Top Bottom Type of Cement # Sacks Used Type and Percent Additives	ist All E. Logs Run:	:	•• • • · · · · · · · · · · · · · · · ·	/ -	. –			•	RECEIVED
Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Drilled Size Casing Set (In O.D.) Size Casing Set (In O.D.) Size Casing Set (In O.D.) Set (In O	•					·			AUG 0 3 2012
Purpose of String Size Hole Drilled Size Casing Set (In O.D.) Size Casing Set (In O.D.) Setting Depth Cement Used Additives SURFACE 10 7 17 20 PORTLAND 10 PRODUCTION 5.875 2.875 6.5 1255 QUICK SET 131 ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Top Bottom Type of Cement # Sacks Used Type and Percent Additives					ш		tion etc.	KC	CC WICHITA
SURFACE 10 7 17 20 PORTLAND 10 PRODUCTION 5.875 2.875 6.5 1255 QUICK SET 131 ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose:	Purpose of String		Size Casing	Weig	ght	Setting	Type of		Type and Percent Additives
ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Perforate Depth Top Bottom Top Bottom Type of Cement # Sacks Used Type and Percent Additives	SURFACE	10		17	,	20	PORTLAND	10	
Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Perforate	PRODUCTION	5.875	2.875	6.5		1255	QUICK SET	131	
Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives — Perforate									
Perforate Top Bottom Top Bott			ADDITION	AL CEMENTII	NG / SQL	JEEZE RECORD)		
— Plug Back TD — Plug Off Zone	Perforate Protect Casing Plug Back TD		Type of Cement	# Sacks	Used	·	Type and F	ercent Additives	\$
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Decorption	Shots Per Foot	PERFORAT Specify	ION RECORD - Bridge Pl Footage of Each Interval F	lugs Set/Type Perforated					rd Depth
2 1199.5-1205.5 1100 GALS OF 15% HCL	2	1199.5-1205.5	·			1100 GALS	OF 15% HCL		
		•						-	
TUBING RECORD: Size: Set At: Packer At: Liner Run:	TUBING RECORD:	Size:	Set At:	Packer A	t:	Liner Run:	Yes No		
Date of First, Resumed Production, SWD or ENHR. 6/1/2012 Producing Method: ☐ Flowing ✓ Pumping . ☐ Gas Lift ☐ Other (Explain)		d Production, SWD or Ef	l		g .	Gas Lift	Other (Explain)		
Estimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Grave Per 24 Hours .25			Bbls. Gas	Mcf	Wat	er E	Bbls. (Gas-Oil Ratio	Gravity
DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL: PRODUCTION INTERVAL: Open Hole Perf. Open Hole (Submit ACO-5) (Submit ACO-4)			Open Hole		Dually	y Comp.		PRODUCTI	ON INTERVAL:

Lease Name: Kramer	Spud Date: 3-5-2012	Surface Pipe Size: 201 7"	Depth: 20'	TD: 1263
Operator: Ron German	Well #1	Bit Diameter: 5 7/8"		
* ************************************				1
Footage taken	Sample type			:
)_10	soil	. :		:
10_18	clay		-	
	lime			
18_20				<u> </u>
20_33	Silale			:
33_123	lime	:		
123_148	shale			·
148_263	lime	·		
263_305	shale			
305_445	black lime			
445_615	shale			
G15_620	lime	·		ì
620_663	shale			
663_686	ilime	;	•	
686_718	shale		!	T
718_722	lime			
710_722 722_736	shale			
722_736 736_740	lime			
				-
740_756	shale			
756_760	lime			· · ·
760_812	shale			
312_814	lime			
314_840	shale		.	-
840_841	1st cap			
841_842	oil show			
842_1178	shale			
1178_1186	lime			
1186_1189	soft lime odor	1		
1189_1204	hard lime			
1204_1207	soft lime, good oil show			
1207_1263	hard lime			
	1263 TD	:		
	1200,10			-
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Hurricane Services, Inc.
3613 A Y Road
Madison, KS 66860
Office # 620-437-2661
Brad Cell # 620-437-6765

Ticket Number_	100050
Location	Madison
Foreman	Brad Butter

Cement Service ticket

Date Customer #		Well Name & Number Sec./Township/Range		County	
3-6-12		Kramier # 1	4-24-17E	Woodson	
Customer		Mailing Address	City State	Zip	
German Oil	Company	1500 MainST.	Neosho Falls Ks.	66758	

Job Type: 4	pagstriag		Truck #	Driver	٦
	<u> </u>	<u> </u>	201	Kelly	\dashv
Hole-Size: 57%"	Casing Size:	Displacement: 74868.	203	Jerry	= _
Hole Depth: /259	Casing Weight:	Displacement PSI: 500	104	ClayTap	\dashv
Bridge Plug:	Tubing: 27/8" - /255	Cement Left in Casing: o	105	Mark	4
Packer:	PBTD:		7,09	7712171	_
Quantity Or Units	Description of	of Servcies or Product	Pump charge	790.00	7
35 miles	Mileage		\$3.25/Mile	/13.75	
131 SACKS	Quick SET COMEST		17.25	2,259.75	
200 165.	GeL > Flush Aha	ad	.30	60.00	-
•					_
3 Hows	water Truck		84.00	252,00	
4 Hows	water Truck		84.00	336,00	
]
					$\frac{1}{1}$
					1
Tons -	Bulk Truck -> minimum	charse	\$1:15/Mile	250.00	m
35 miles	Truck #290		1.50	NC	1
2	Plugs 27/8" Top Rubber		25.00	50.00	1
	1		Subtotal	4111.50	1
			Sales Tax	172.99	1
			Estimated Tota		1

Remarks: Rig 40 2 2%" Tubing, Pumped 5	Bbl. water Ahead /6	Bbl. Gel Flush	Circulate Gelaround	To contition
Hole. Mixed 1315Ks. Quick Set coment,	Shut down wash	out Pump 12ines-	Relase 2 Pluss	
Disolace 2 Pluss with 7/4 BMs water				
Close Tubing in w/ 1/00 PSI	, ,	rent Feture w/ 6		

Job complete - Travelowa

Thank You"

Witnessed by Ron K Customer Signature

Thank you"