

C	onfiden	tiality	/ Request	ted:
	Yes	N	lo	

### Kansas Corporation Commission Oil & Gas Conservation Division

1317986

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. Twp. S. R. East West				
Address 2:			Feet from North / South Line of Section				
City: S	tate: Zi	p:+	Fe	eet from East / V	West Line of Section		
Contact Person:			Footages Calculated from Nearest Outside Section Corner:				
Phone: ()			□NE □NW □SE □SW				
CONTRACTOR: License #			GPS Location: Lat:	, Long:			
Name:			(e.g. xx.xxxxxx) (e.gxxx.xxxxxxx)				
Wellsite Geologist:			Datum: NAD27 NAD83 WGS84				
Purchaser:			County:				
Designate Type of Completion:			Lease Name: Well #:				
New Well Re	-Entry	Workover	Field Name:				
	_		Producing Formation:				
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet  Amount of Surface Pipe Set and Cemented at: Feet				
☐ OG	GSW	Temp. Abd.					
CM (Coal Bed Methane)	dow	тетір. Ава.					
Cathodic Other (Con	e. Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No		
If Workover/Re-entry: Old Well In			If yes, show depth set:		Feet		
Operator:			If Alternate II completion, of	cement circulated from:			
Well Name:			feet depth to:	w/	sx cmt.		
Original Comp. Date:	Original To	otal Depth:					
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Manageme	nt Plan			
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t				
O constitued and	D		Chloride content:	ppm Fluid volume:	bbls		
<ul><li>Commingled</li><li>Dual Completion</li></ul>			Dewatering method used:				
SWD			Location of fluid disposal if	f haulad offsita:			
☐ ENHR			Location of fluid disposal fi	nauled offsite.			
GSW			Operator Name:				
_			Lease Name:	License #:			
Spud Date or Date Rea	ached TD	Completion Date or	QuarterSec	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 Approved by: Date:						

Operator Name:			Lease Name:			Well #:	
SecS.	R	East West	County:				
<b>INSTRUCTIONS:</b> 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 files must be submitted in LA				gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional Sheets)		Yes No			on (Top), Depth an		Sample
Samples Sent to Geological S	Survey	Yes No	Nam	Э		Тор	Datum
Cores Taken Electric Log Run							
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		on etc		
2 (2)	Size Hole	Size Casing	Weight	Setting	Type of	# Sacks	Type and Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
	<u> </u>	ADDITIONAL	CEMENTING / SQL	EEZE RECORD	I	ı	
Purpose: Depth Type of Cement  —— Perforate —— Protect Casing		# Sacks Used	Used Type and Percent Additives				
Plug Back TD Plug Off Zone							
Did you perform a hydraulic fractu Does the volume of the total base Was the hydraulic fracturing treat	fluid of the hydrau	ulic fracturing treatment ex		Yes [ Yes [ Yes [ Yes [	No (If No, ski	p questions 2 ar p question 3) out Page Three	
Shots Per Foot PERFORATION RECORD - Bridge Plugs S Specify Footage of Each Interval Perfora					cture, Shot, Cement		d Depth
Specify Footage of Lacif interval Ferrora			J. C.	(, ,		onal Good	Sopa.
TUBING RECORD: Siz	re:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed Producti	on, SWD or ENHF	R. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbl		Mcf Wate			as-Oil Ratio	Gravity
DISPOSITION OF G	3ΔS·	Λ.	METHOD OF COMPLE	TION		PRODI ICTIC	ON INTERVAL:
	Jsed on Lease	Open Hole		Comp. Cor	nmingled mit ACO-4)	FRODUCTIO	ZIN IIN I ERVAE.

Form	ACO1 - Well Completion
Operator	Thomas M. Brown LLC
Well Name	RUDER 3
Doc ID	1317986

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	20	198	common	135	2% Gel, 3% CC
Production	7.875	4.50	10.5	3458	60/40 poz		2% CC, .25# floseal
Liner	4.0	3.50	9	2980	80/20 2% Gel	230	2% Gel

# QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

ie 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 1743

785-324-1041	10 - 2 10 - 2 10 - 2 10 - 2 10 10 10 10 10 10 10 10 10 10 10 10 10	County	State	On Location	Finish		
Sec. 27		Q VC	X <	er en	12:30 PW		
Date 0 - 2 - 16 2	0 0 0 10 W	100F3	1 10	8N to F	21 1/28		
		Location PlQu	VOING (V)	TO NOT TO A	X		
Lease Kinder	Well No. 3	Owner	Oilwell Cementing, Inc.				
Contractor Renewate 1	well Service		to cont	cementing equipmen	nt and furnish		
Type Job 312 X 42	21 Lines		and helper to assist owr	ner or contractor to c	o work as noted.		
Hole Size	T.D. To the south	Charge To	Jam Drown	) Silan	<u> </u>		
Csg. 35	Depth 2980	Street		ed to med ed 0			
Tbg. Size	Depth	Uny	Biggs on any or and	State	7A 23 - 33 -		
Tool	Depth	The above v	was done to satisfaction a	nd supervision of owner	er agent or contractor.		
	Shoe Joint	Cement Ar	mount Ordered 23	5 5x 80	20 2 600		
Cement Left in Csg.	Displace 26	3/5	WE make a rectored	HARGES OURSE			
Meas Line EQUI	IPMENT	Common/	184				
No. Cementer	RIK	Poz. Mix	46				
Pumptrk / Helper / No. Driver	NIA/	Gel.	3				
Bulktrk / Driver D	Duy	Calcium	3	and WAHU,	III/ARI SI BIRA		
Bulktrk Driver	ES & REMARKS	Hulls		cole to make ad the			
JUB SERVICE	O L L L	Salt					
Remarks: Establish	Circulation		Flowseal				
Rat Hole M ky d	305x Cement	1 01/	A STATE OF THE PARTY OF THE PAR				
Mouse Hole Displaces	plug w/2	Kol-Seal	Mud CLR 48				
Centralizers	01011						
Baskets (pmen)	And Circula		CFL-117 or CD110 CAF 38				
D/V or Port Collar			Sand				
JO SERVED IN LEGAL MEDIUM	On the second	Handling	238	- 1010 AND			
Sing to Propulate and Propulation	O ELL DALL	Mileage					
unicons de la	OTE		FLOAT EQUIPA	RENI			
		Guide Sh	oe <u>J'/</u> J'	ring	<b>S</b> V11.4.03.1.		
	TOTAL PROPERTY OF STREET STREET	Centralize	er				
The second of the second	AMON ALLANDON BY	Baskets	and the state of t	Acres of TLOADS			
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SPERMY COMPANY AND SECTION	- 9444   6   44 A   B	Float Sho		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1.570,70,70, 20		
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		<del>Derived to the Co</del>		Total Char	ge		
X Signature	The rest of the second second	ta ne e gla eta fak					