

Cor	nfiden	tiality	/ Requested	d:
	Yes	N	lo	

Kansas Corporation Commission Oil & Gas Conservation Division

1193914

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:

Page Two



Operator Name:			Lease Name: _			Well #:		
Sec Twp	S. R	East West	County:					
open and closed, flow and flow rates if gas t	ving and shut-in presson to surface test, along w	formations penetrated. I ures, whether shut-in pro vith final chart(s). Attach	essure reached stati n extra sheet if more	c level, hydrosta space is neede	itic pressures, bott d.	tom hole tempe	erature, fluid r	recovery,
		otain Geophysical Data a or newer AND an image		egs must be ema	ailed to kcc-well-lo	gs@kcc.ks.gov	v. Digital elec	tronic log
Drill Stem Tests Taken (Attach Additional	•	Yes No		_	on (Top), Depth ar		Samp	
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	e		Тор	Datur	m
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING	RECORD Ne	ew Used				
		Report all strings set-	conductor, surface, inte	ermediate, product	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 P Additiv	
		ADDITIONAL	OFMENTING / OOL					
Purpose:	Depth		CEMENTING / SQL	JEEZE RECORD		araant Additiraa		
Perforate	Top Bottom	Type of Cement	# Sacks Used	ed Type and Percent Additives				
Protect Casing Plug Back TD								
Plug Off Zone								
Did you perform a hydra	ulic fracturing treatment o	on this well?		Yes	No (If No, ski	p questions 2 ar	nd 3)	
	=	raulic fracturing treatment ex	xceed 350,000 gallons			p question 3)	,	
Was the hydraulic fractu	ring treatment information	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			cture, Shot, Cement			Depth
	Сроспу Г	octago of Laon morvari of	ioratou	(>1	mount and rand or ma	teriar Good)		<u> Борит</u>
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN							
Fotimeted Device C	0" -	Flowing			Other (Explain)) O" D "		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	bls. G	Gas-Oil Ratio	Gr 	ravity
DISPOSITI	ON OF GAS:	1	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:	
Vented Sold		Open Hole	Perf. Dually	Comp. Con	mmingled			
	bmit ACO-18.)	Other (Specify)	(Submit)	ACO-5) (Sub	omit ACO-4)		-	

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

Phone 785-483-2025 Cell 785-324-1041

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

No. 7783

Cell / 03-324-104								•
7 6 9 22 17 1.	Sec. Twp.	Range	Roc	County	State X <	On Location	Fir 10:4	nish
Tomas	school -		Locati	on Zuci	ch Xs.	45 on	TO Rd	<u>-</u>
Lease	V	Vell No.		Owner V	GF, 5Mot	က		
Contractor Discove	1,7,			To Quality C	ilwell Cementing, Inc.			
Type Job ToD 5ta				You are here cementer ar	eby requested to rent nd helper to assist ow	cementing equipments of contractor to contractor.	nt and furn In work as	iish listed
Hole Size 77/x"	T.D.	3780		Charge v		77	o work as	noted.
	SO# Depth	3782'		Street	THE TOWN			
Tbg. Size	Depth			City		State		• .
Tool DU Too	Depth	1495'			as done to satisfaction a		r agent or d	contractor
Cement Left in Csg.	Shoe Jo	int 241			ount Ordered 325		Ku# FI	
Meas Line	Displace	63 pm 1/	BUS					7 861
E	QUIPMENT	1		Common 2	25			
Pumptrk 6 No. Cemente Helper	* Billy	-		Poz. Mix				· ·
Bulktrk 3 No. Driver Driver	AUIZ			Gel.				
Bulktek O Wo. Driver Driver	Rick			Calcium				
JOB SERV	ICES & REMAR	KS _		Hulls	· · · · · · · · · · · · · · · · · · ·			
Remarks: Cerron + C	l: l	Ciaci	dele	Salt				
Rat Hole				Flowseal &	1#		1.	
Mouse Hole				Kol-Seal				
Centralizers				Mud CLR 48	3 · · ·			
Baskets				CFL-117 or (CD110 CAF 38			,
D/V or Port Collar D	Tool 14	195'		Sand				
pipe on b	otton 1	OYEAK C	از د	Handling 3	25			
plus Kathole	<u>_w/30</u>	5X		Mileage				
plud Mosse	hale 1	SSV			FLOAT EQUIPM	ENT		
Hookly to 52"	(Cash	a t mi	X	Guide Shoe				
286 Do Cement	. shut	Odown		Centralizer				
wash pump 9	lines 10	Kelease	Å	Baskets				
Dug Displa	ced with	. 35 k	2 BUS	AFU Inserts				
1 Kelda Sel +1	neld			Float Shoe				
Closed tool	OCH	# 1500		Latch Down				
Litt presse	ve 8	00 4					Top	
<u>Cement</u>	Cir.			Pumptrk Cha	inge Dred kou	a Strmi	5/09	ie.
				Mileage ///	60			
	ノ					Tax		
Soul Cotte	200				$S_{ij}(S_{ij}) = S_{ij}(S_{ij}) + S_{ij}(S_{ij})$	Discount		
Signature		- : 			· · · · · · · · · · · · · · · · · · ·	Total Charge		

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

Phone	785-4	83-2	025
Cell 78	5-324	104	1

Home Office P.O. Box 32 Russell, KS 67665 No. 7782

Date 39-18 Sec. Top. Bange Rooks State On Location Rinner Rooks State On Location Rooks State Rooks Ro	Cell 785-324-1041					<i>'</i>			
Lease / MASCHECK Well No. Owner VAE Starto Contractor 1.5 to URY 1.7 Type Job Bortow Share Depth J93 Share Sove was done to satisfaction and supervision of owner agent or control Comment of the Share S	Date 9-29-13 Sec. 22		Ro	County OKS	Y	State)S	On Location	S Finish	3 Pr
Contractor Discough #44 To Custilly Others Committing Inc. Type Job Bot Syn Street To 3780 Charge MRS is owner or contractor to do work as lish thole size 71/8 inc. S780 Charge MRS is owner or contractor to do work as lish thole size 71/8 inc. S780 Charge MRS is owner or contractor to do work as lish thole size 71/8 inc. S780 Charge MRS is owner or contractor to do work as lish thole size 71/8 inc. S780 Charge MRS is owner or contractor to do work as lish thole size 71/8 inc. S780 Charge MRS is owner or contractor to do work as lish thole size 71/8 inc. S780 Charge MRS is owner or contractor to do work as lish thole size 91/8 inc. S780 Charge MRS is owner or contractor to do work as lish thole 10 D D To 10		· · · · · · · · · · · · · · · · · · ·	Locati	on Zw	(Ich	Ks -		10 Rl,	
Contractor JISCOVEN \$4.9 Type Job Bettorn \$4.0 Type Job Bettorn \$4	Lease 10 mascheck	Well No.	1		ME	, S/Inth	2	7	
Type Job Bot Porm Sheat Hole Size 17/8 / T.D. 3780 The second period of the second period	Contractor Discovery	44		To Quality	/ Oilwell C	ementina. Inc.		t and furnish	
Common Left in Cog. Depth 3783 Street Tog. Size Depth Depth City State Tog. Size Depth City State Tog. Size Depth City State Tog. Size Depth City State Tog. Depth City State The above was done to satisfaction and supervision of owner agent or control of the city Cement Left in Cog. Depth City State The above was done to satisfaction and supervision of owner agent or control of the city Cement Left in Cog. Depth City State Cement Left in Cog. Depth City Cog. Depth Cog. Depth City City City City City Cement Left in Cog. Depth City City City City Cement Left in Cog. Depth City Cog. Depth Cement Left in	Type Job Bottom Stag	e)	cementer	and helpe	er to assist owr	ner or contractor to d	o work as lis	ted.
Comment Left in Cog. 24 Shoe Joint 24 Common 150 State Tool D. D. 100 Depth 1495 The show was done to satisfaction and supprvision of owner agent or continuous to the satisfaction and supprvision of owner agent or continuous and supprvision of owner agent and supprvision and supprvision of owner agent and supprvision and supprvision and supprvision and supprvision and supprvision and supprvi	Hole Size	T.D. 3780			Hm	esican	09/		
Tool D. J. See J. Depth 1995 The above was done to satisfaction and supervision of owner agent or control. Cement Left in Csg. 24 Shoe Joint 24 Cement Amount Ordered J. S. S. Common 19%, S. A. Meas Line Disclade B. 9 14 B. J. C. Depth 50 2 gn. Mul. J. Depth 19%, S. A. EQUIPMENT S. W. 35 14 M. Common 15 0 Pumptrk D. No. Cementer P. J. W. R. T. C. Poz. Mix Buildrik D. No. Depth 1974 Buildrik D. Depth 1974 Buildrik	Csg. / NEW Sz" /S, So	Depth 3782)	Street					
Cement Left in Csg. 34 Shoe Joint 34 Cement Amount Ordered 150 Show Common 15 Sho	Tbg. Size	Depth	-	City			State		
Cement Left in Csg. 39 Shoe Joint 34 Cement Amount Ordered 150 SX Common 11/2, Sal Mess Line Displace 89 49 815 2 Short 50° 2 an Mull bac 48, 10 BC KC EQUIPMENT 54 W 354 M Common 150 O Short String Short	Tool DU 1001	Depth 1495) ·	The above	was done	to satisfaction ar	nd supervision of owner	agent or cont	ractor.
EQUIPMENT 54 W 354 P Common 150 Pumptrk 16 No. Cementar 12 11 4	Cement Left in Csg. 21	Shoe Joint 2	1'			-	- 1	0. 01	145
Pumptr 16 No Cementer 19 1	· · · · · · · · · · · · · · · · · · ·		4 BUS 1	a bon	8-500	an Mud	Pka(48,10	BUK	7
Pumptrk D Helper No. Direct Ontine Word Gel. Buildrik 9 No. Direct Ontine Word Gel. JOB SERVICES & REMARKS Hulls Remarks: Rat Hole Mouse Hole Centralizors Baskets DW or Port Collar 56 th Collect Word Handling 70 Dump Son On Word Clar 48 500 gol CFL-117 or CD110 CAF 38 DW or Port Collar 56 th Collect Word Handling 70 Dump Son On Word Clar 48 500 gol CFL-117 or CD110 CAF 38 DW Or Port Collar 56 th Collect Word Mileage No. Broad Shop Word Clar 48 500 gol CFL-117 or CD110 CAF 38 DW Or Port Collar 56 th Collect Word Mileage No. Broad Shop Word Clar 48 500 gol CFL-117 or CD110 CAF 38 FLOAT EQUIPMENT Son Of Hull Baskets AFU finerts Float Shop Latch Down Con Dar Door Too Word Assy Softow Pumptrk Charge Gr. Q. Look, String Storge Mileage 35 Tax Discount		IENT $54 \omega_{3}$	5/4M	Common	150	J			
Building Driver Datifier Driver D	Pumptrk / O Helper , O i	Hy Kick		Poz. Mix					
DOWNER JOB SERVICES & REMARKS Remarks: Sait / J Flowseal Mouse Hole Centralizers Baskets DV or Port Collar 56 th Collar Baskets Sand Pipe or Said Wash Dam Guide Shoe Pines Duplaced dus with Baskets 3 Released the Collar Baskets 4 Released the Colla	Bulktrk // Driver CO///	nie w.		Gel.					
Remarks: Rat Hole Mouse Hole Centralizers Baskets DV or Port Collar 56 th Collar 58 Sand P.De or bottom Dread County Mileage No School Short Roulpment Centralizer 8 Rep Repeared the later 150 the Remarks Short Remarks Short Repeared the later 150 the Remarks Short Remarks Shor		oid		Caleium	KCL	1 Gal	 		
Rat Hole Mouse Hole Centralizers Baskets DIV or POR Collar 56 th Collar Stand Mileage The Social Mark Collar Stand Mileage The Social Mark Collar Stand Mileage The Social Mark Collar Stand Mileage The Social Mileage T	JOB SERVICES 8	& REMARKS		Hulls		f			
Mouse Hole Centralizers Baskets DV or Port Collar 56 th Coffee Base 1/17 or CD110 CAF 38 Sand Pipe on bottom Deak Ciccum Handling 1/20 Dump Soo an Music Ras 48 pum Mileage 10 BCS KCC DUMP 50 SV FLOAT EQUIPMENT Ceman Shut days wash amp Guide Shoe Plines Displaced plus with Centralizer 8 Rea 89 4 BLS of fluid Baskets AFU Inserts Lift pressure 1600 th Float Shoe Latch Down 1 - DU Too Boff SSY Pumptrk Charge 1/10 Looks STring Strage Mileage 35 Tax Discount	Remarks:		`	Sait /	\mathcal{E}				
Centralizers Baskets DN or Port Collar 56 + Collar Bash 1/195 Sand PiOl or bother break Circum Handling 70 DUMP Soo an MULL Class Handling 70 PLOAT EQUIPMENT Lement Just August Centralizer 8 Rea Baskets 3 AFU Inserts Lift Deessure 760 to Float Shoe Latch Down Drop Dart proof to ULL Latch Down Latch Down Latch Down Latch Down Pumptrik Charge Gift 2 Looke String String Mileage 35 Tax Discount	Rat Hole			Flowseal					
Baskets DN or Port Collar 56 + Collar 1888 1/95 Sand PiDe on bottom break including 120 Dump soon and Mile Clear 48 Dum Mileage 10 10 10 Stock Own 1505X FLOAT EQUIPMENT Penent shot darn wash pum Guide Shoe Plines Displaces Quay with Baskets 3 Released + held Baskets 4 Released + hel	Mouse Hole			Kol-Seal .	7581	1 7507	H.		
Divor Port Collar 56 th Collar	Centralizers			Mud CLR	48 <i>5C</i>	00 and			
Pipe on bottom break Ciccum Handling 70 Dumy Sob and Much Ckey 48 purp Mileage 10 RUS KCC OLUMP 150 SX Emand, Shout dawn wash aum Guide Shoe Plines Displaced Quay with Centralizer 8 Rea 89 44 RUS of fluid Baskets 3 Released the lad AFU Inserts Ith Deessure 700 to Float Shoe and Quay to 1490 the Latch Down I - DU Too Bord 554 Drop Dark proof tool with Pumptric Charge Or SU Lody 5 Tring Stage Mileage 35 Tax Discount	Baskets			CFL-117 c	or CD110 (CAF 38			,
Dump Sob and Music Clear 48 pung Mileage 10 BUS KCC OLAMO 150 SY Emphil 5 but down wash our Guide Shoe Plines Displaced Qua with Centralizer 8 Rea 89 4 BUS 07 fluid Baskets 3 Released the later and AFU inserts Lift Onessure 760 to Float Shoe And Quay to 1993 the Later Down 1 - DU Too Bord SY Bettow Pumptrk Charge and Jody String Stage Mileage, 35 Tax Discount	D/V or Port Collar 56 th Con	Had BOOP)	1495	Sand					
The Bush of fluid Baskets 3 Released thele African Hard Shoe Float Equipment Centralizer 8 Rea Released thele Africants Lift Occasion 760 to Float Shoe And plus to 1900 to Latch Down John Dart open tool with Pumptrk Charge of 2 Looky String Stage Mileage, 35 Tax Discount	Pipe on bottom	break Cir	culodis	n-landling	170			,	
PUREL DUPLACE ALL WITH Centralizer & Real Reproduction to the properties of the prop	pump soon and M	much Clear 118	bund	Mileage					
Pines Displaced Alix with Centralizer 8 Rem 89 W RLS of fluid Baskets 3 Released the lad AFU Inserts Lift Deessure 765 b Float Shoe And Plus to 1990 t Latch Down 1 - DU Too Bord Sty Bettow Pumptrk Charge prod Looks String Mileage 35 Tax Discount	IN BUS KULL C				FLC	DAT EQUIPME	NT		
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Float Shoe And Plus to 1900 the Latch Down I - DU Too Boff Sty Drop Dait open tool with Romany Mand Assy. Bottow Pumptrk Charge prod Looky String Stage Mileage 35 Tax Discount	Keleaned theld								
Don't open tool with Rotally had Assy. Bottow 14th H. Pumptrk Charge and Looky String Stage Mileage 35 Tax Discount	Lift pressure F			Float Shoe					
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Pumptrk Charge PHO Looky String Stage Mileage 35 Tax Discount	Drop Dark open	- tool with		I P	olatia	an action. In	Assy.	Botton	<u> </u>
Mileage 35 Tax Discount	1460#			Pumptrk C	harge Ør	Y	String	- l.	
Zent China Discount				Mileage 3	5 T				
X /							Tax	 · 	
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Total Charge	Signature				•	•	Total Charge	1	