

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1237541

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:	SecTwpS. R						
Address 2:	Feet from North / South Line of Section						
City: State: Zip:+	Feet from East / 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.xxxxx) (e.gxxx.xxxxx)						
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84						
Purchaser:	County:						
Designate Type of Completion:	Lease Name: Well #:						
New Well Re-Entry Workover	Field Name:						
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Producing Formation:						
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:						
☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:						
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet						
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?						
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet						
Operator:	If Alternate II completion, cement circulated from:						
Well Name:	feet depth to:w/sx cmt.						
Original Comp. Date: Original Total Depth:							
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan						
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)						
Commingled Paymit #:	Chloride content: ppm Fluid volume: bbls						
☐ Commingled Permit #: ☐ Dual Completion Permit #:	Dewatering method used:						
SWD Permit #:	Location of fluid disposal if hauled offsite:						
ENHR Permit #:	·						
GSW Permit #:	Operator Name:						
	Lease Name: License #:						
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R						
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 I	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in presson surface test, along	sures, whether with final chart	shut-in pre (s). Attach	ssure reac extra shee	hed stati t if more	c level, hydrosta space is neede	tic pressures, bot d.	tom hole temp	erature, fluid	recovery,
Final Radioactivity Lo- files must be submitte						ogs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital elec	tronic log
Drill Stem Tests Taker (Attach Additional S		Yes	No				on (Top), Depth ar		Sam	
Samples Sent to Geo	logical Survey	Yes	☐ No		Nam	e		Тор	Datu	m
Cores Taken Electric Log Run		Yes Yes	☐ No ☐ No							
List All E. Logs Run:										
				RECORD	Ne					
	0	· ·				ermediate, product		T "0 1	I	
Purpose of String	Size Hole Drilled	Size Ca Set (In 0		Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and I Additiv	
		Al	DDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of C	ement	# Sacks	Used		Type and P	ercent Additives		
Perforate Protect Casing	Top Bottom									
Plug Back TD Plug Off Zone										
r lug on zone										
Did you perform a hydrau	ulic fracturing treatment	on this well?				Yes	No (If No, ski	p questions 2 ar	nd 3)	
Does the volume of the to								p question 3)		
Was the hydraulic fractur	ing treatment information	on submitted to th	ne chemical o	disclosure re	gistry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ON RECORD - Footage of Each					cture, Shot, Cement		d	Depth
	Эреспу	1 Oolage of Lacif	iliterval Feli	Orated		(A	THOURT AND KIND OF MA	teriai Oseu)		Берит
TUBING RECORD:	Size:	Set At:		Packer A	+-	Liner Run:				
TOBING FILEGORIS.	0.20	001711.		r donor 7	••	[Yes No			
Date of First, Resumed	Production, SWD or EN	NHR. Pro	oducing Meth		a \Box	Coo Lift 0	Other (Evelein)			
Estimated Dradustics	0.11	Dhla	Flowing	Pumpin			Other (Explain)	Nee Oil D-#-		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	eı B	bls. C	Gas-Oil Ratio	G	iravity
	ON OF GAS:	Open		METHOD OF Perf.			nmingled	PRODUCTION	ON INTERVAL:	
Vented Sold	Used on Lease bmit ACO-18.)		(Specify)	_ 1 011.	(Submit		mit ACO-4)			



211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9500

TICKET NUMBER	8131
FIELD TICKET REF # _	
FOREMAN Dans	el Chanes
AFE DIYOIT	/
SSI	
API 15-133-1	2757-00-00

TREATMENT REPORT & FIELD TICKET CEMENT

DATE		WELLN	IAME & NUMBI	ER	SECTION	TOWNSHIP I	RANGE	COUNTY
7122114	Grogdid	er Franc					120000 - 10000	
FOREMAN/ OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #	TRAILER #	TRUCK Hours		MPLOYEE IGNATURE
DerrelChange	10700	3:30		933375	833445	5.5	19	·m
			:4			-		
						 		
, ,					1,			
JOB TYPE Long 51	100	SIZE		HOLE DEPTH_ 6		SING SIZE & W	EIGHT	5
CASING DEPTH <u>(A)</u> SLURRY WEIGHT		PIPE RY VOL		TUBING WATER gal/sk		HER MENT LEFT IN C	ASING -	7
DISPLACEMENT 3.5	DISPL	ACEMENT PSI_2		MIX PSI		E 4 6pm		
		jurfue =	ran a	2 Seek a				-
REMARKS: Circule 2 bbl Spa +hen lounche	cer - Ste	sted Ce	ment c	nd pumpa	1 it to su	rfice-	Shut	down.
then lounde	ed plug o	and Set	at 9	75 psi.				

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICE OR PRODUCT	TOTAL AMOUN
		Foreman Pickup	
KWS		Cement Pump Truck	
KWS		Bulk Truck	
733375		Transport Truck	
933445	1	Transport Trailer	
		80 Vac	
		Casing Truck	
		Casing Trailer	
	601.075	Casing	
	5,	Centralizers	x l
4	1	Float Shoe	
		Wiper Plug	
		Frac Ballles	
	68 Sacks	Portland Cement	
	128 16	CSA-122 Sodium Silicate	
	32.16	CGL-115 Cement Fluid Loss	
	2 Sauls	Premium Gel	
	1281b	Cal Chloride	
		City Water	
	616	Chemthix-P Thixotropic	
	684 lb	KOL Seal	8
		Cotton Seed Hulls	

Sacks:

Well Log										
ormation	Тор	Btm.	1	Formation.	Тор	Btm.		Formation	Тор	Bim.
Soil lolan	0	15								
limi	1548	16]			`	100			<u> </u>
Stale	16	67	1				1			
Lime	62	104	Ţ							
shale	104	176	-							
lim	124	219	4				-			
spale	2/9	243	-	, , , , , , , , , , , , , , , , , , , ,						<u> </u>
dime	265	290	4				! :			ļ
speli	270	297	4				1 .			╂
line	297	305	1				1.			1
Shal	305 309	309	1		<u> </u>					
limo	3/2	3/5	1		 					1
Mana,	315	320	1	-	1					1
Shale	323	410	†						. '	
lim	410	4/2	1		1					1
chal	4/12	467	1				•			
aims	167	468	1			,				<u> </u>
shale	468	475]							
1 / Jana	475	438	ا							
hale	488	610	10						,	
				14.7	<u> </u>					
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Haven to