KOLAR Document ID: 1598915

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.:
Name:	Spot Description:
Address 1:	SecTwpS. R □East □ West
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) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
	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 EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	Leading of field Paragraph Charles and Market
EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Canad Date on Date Decembed TD Completing Date on	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or 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 Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT I II III Approved by: Date:

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Page Two

Operator Name:					Lease Nam	ne:			Well #:			
Sec Tw	pS	S. R	Eas	t West	County:							
	l, flowing an	d shut-in press	sures, wh	ether shut-in pre	ssure reached	static	level, hydrostat	ic pressures, bo		val tested, time tool erature, fluid recovery,		
Final Radioactivi files must be sub							gs must be emai	led to kcc-well-l	ogs@kcc.ks.gov	v. Digital electronic log		
Drill Stem Tests (Attach Addit	Taken tional Sheets)			Yes No		☐ Lo		n (Top), Depth a		Sample		
Samples Sent to	Geological	Survey		Yes No		Name			Тор	Datum		
Cores Taken Electric Log Run Geologist Report List All E. Logs F	t / Mud Logs	S		Yes No Yes No Yes No								
			Rep	CASING	RECORD [New		on, etc.				
Purpose of St	tring	Size Hole Drilled		ize Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
				ADDITIONAL	CEMENTING /	SQUE	EEZE RECORD		<u>'</u>			
Purpose: Perforate		Depth Top Bottom	Тур	pe of Cement # Sacks Used			ed Type and Percent Additives					
Protect Ca												
Plug Off Z												
Did you perform Does the volume Was the hydraul	e of the total I	base fluid of the	hydraulic f	racturing treatment		-	Yes S? Yes Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three			
Date of first Produ Injection:	iction/Injection	n or Resumed Pr	roduction/	Producing Meth	od:		Gas Lift O	ther <i>(Explain)</i>				
Estimated Product Per 24 Hours		Oil	Bbls.		Mcf	Water			Gas-Oil Ratio	Gravity		
DISPO	OSITION OF	GAS:		N	METHOD OF CO	MPLET	ΓΙΟΝ:			ON INTERVAL:		
Vented		Used on Lease		Open Hole		Dually (Submit A		nmingled	Тор	Bottom		
,	ed, Submit AC							·				
Shots Per Foot	Perforation Top	on Perfor Bott		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze and of Material Used)			
TUBING RECORI	D: S	ize:	Set At	:	Packer At:							

Form	ACO1 - Well Completion
Operator	TDR Construction, Inc.
Well Name	WISEMAN 15
Doc ID	1598915

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9	6.25	12	20	Portland	4	50/50 POZ
Production	5.625	2.875	6.5	899	Portland	120	50/50 POZ

TDR Construction (913) 710-5400

Franklin County, KS Well: Wiseman #15 Lease Owner: TDR

WELL LOG

Thickness of Strata	Formation	Total Depth
0-2	Soil-Clay	2
3	Lime	5
45	Sandy Shale	50
131	Shale	181
5	Lime	186
4	Shale	190
16	Lime	206
6	Shale	212
12	Lime	224
5	Shale	229
19	Lime	248
31	Shale	279
22	Lime	301
77	Shale	378
29	Lime	407
5	Shale	412
6	Lime	418
25	Shale	443
3	Lime	446
19	Shale	465
3	Lime	468
12	Shale	480
26	Lime	506
9	Shale	515
23	Lime	538
4	Shale	542
3	Lime	545
3	Shale	548
6	Lime	554
118	Shale	672
15	Sand	687
40	Shale	727
8	Lime	735
18	Shale	753
5	Lime	758
17	Shale	775
3	Lime	778
4	Shale	782
1	Lime	783
9	Shale	792

Franklin County, KS TDR Construction
Well: Wiseman #15 (913) 710-5400 Lease Owner: TDR

Commenced Spudding: 10/12/21

25 Shale 822 9 Sandy Shale 831 1 Sand 832 2 Sand 834 3 Sandy Shale 837 1 Sand 838 2 Sandy Shale 840 8 Sand 848 2 Sand 850 90 Shale 940-TD	5	Lime	797
9 Sandy Shale 831 1 Sand 832 2 Sand 834 3 Sandy Shale 837 1 Sand 838 2 Sandy Shale 840 8 Sand 848 2 Sand 848 2 Sand 850			822
1 Sand 832 2 Sand 834 3 Sandy Shale 837 1 Sand 838 2 Sandy Shale 840 8 Sand 848 2 Sand 850			
2 Sand 834 3 Sandy Shale 837 1 Sand 838 2 Sandy Shale 840 8 Sand 848 2 Sand 850			832
3 Sandy Shale 837 1 Sand 838 2 Sandy Shale 840 8 Sand 848 2 Sand 850			834
1 Sand 838 2 Sandy Shale 840 8 Sand 848 2 Sand 850			
2 Sandy Shale 840 8 Sand 848 2 Sand 850	-		
8 Sand 848 2 Sand 850			
2 Sand 850			
			850
			940-TD
		, , , , , , , , , , , , , , , , , , , ,	

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D2x.14xh D equals diameter in feet. h equals height in feet.

BARRELS PER DAY Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004 BPH - barrels per hour PSI - pounds square inch

TO FIGURE PUMP DRIVES

- * D Diameter of Pump Sheave
- * d Diameter of Engine Sheave

SPM - Strokes per minute

RPM - Engine Speed

R - Gear Box Ratio

*C - Shaft Center Distance

D - RPMxd over SPMxR

d - SPMxRxD over RPM

SPM - RPMXD over RxD

R - RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) + $\frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS:

WATTS = AMPS

746 WATTS equal 1 HP

Log Book

Well No. 15
Farm WISEMAN
KS Franklin
(State) (County)
30 15 2
(Section) (Township) (Range)
For TDR Construction
(Well Owner)
15-059-27310

Town Oilfield Services, Inc.

1207 N. 1st East Louisburg, KS 66053 913-710-5400

Wiseman Farm: Franklin County	CASING AND TUBING MEASUREMENTS								
KS State; Well No. 15	Feet	ln.	Feet	ln.	Feęt	ln.			
Elevation	899	13,	7/5/6	3	071	0/			
Commenced Spuding 10 -12 20 21				-	21	0			
Priller's Name WESley Dollard	931	FL	02						
Driller's Name WESley Dollafd									
Driller's Name Ryan Ward	940	71	>						
Driller's Name									
Tool Dresser's Name Ryan Roberts									
Tool Dresser's Name									
Tool Dresser's Name									
Contractor's Name TDR									
30 15 2									
(Section) (Township) (Range)									
Distance fromft.									
Distance fromline,ft.									
4 sicks									
9465									
55/8 borchele			_						
27/6 Casing and Tubing									
CASING AND TUBING	<u>.</u>								
RECORD				_					
				_					
10" Set 10" Pulled				_	· _				
8" Set 8" Pulled									
6%" Set				$-\parallel$.				
4" Set 4" Pulled						====			
2" Set 2" Pulled			-1-						

Thickness of Strata	Formation	Total	0
)-2		Depth	Remarks
3	Lime /	5	11
45	Sandy Shale	50	<u> </u>
/31	Shall	181	
5	Lime	14/0	
4	Shale	190	-
160	Lime	206	
6	Shale	212	
12	Lime	224	
5	Shale	229	
19	Lime	248	
31	Shale	279	'
22	Lime	301	
77	Shale	3 78	
29	Lime	407	
5	Shale	412	
6	Lime	418	n - 18."
25	Shale	443	
3	Lime	446	
19	<u>Shale</u>	465	
3	Lime	468	
12	Shale	480	
26	Lime	500	
9	Shale	5/5	
23	Lime	538	
-4	Shale	542,	
	Lime	545	

		545	,
Thickness of Strata	Formation	Total Depth	Remarks
3	Shele	548	
<u></u>	Lime	554	Heltha
_114	Shalle	672	
_15	Sand	667	grey no Oil
40	Shale	727	7 / 00/
<u>~~~~</u>	Lime	735	£
156	Shale	753	
	Lime	758	
	Shale	775	
3	Lime	778	
4	Shale	782	
	Lime	783	
9	Shale	792	
_5	Lime	797	
25	Shale	<i>६</i> २२	
9	Sindy Shale	431	,
/	Sand	832	Groken - good Oil Show
2 3	Sivel	834	995- 40 Dil
3	Sandy Shalt	837	no Dil
/	schel	838	broken-good oil Stell
2 8 2	sandy shale	840	100
	saudy	848	broken - good saturation
2	sand	850	Solid- good saturation
90	Shale	940.	TD
		•	
		-	



Cuptomer	TDR Construction	1	Lease & Well#	Wiseman 15, 14				Date	10	/15/202	1	
Service District	Garnett		County & State	FR, KS	Legals SITIR	30-16	-21	Jole#		_		
Job Type	longstrings	☑ PROD	מאו 🗌	SWD	New Well?	₹ YES	∏ No	Ticket#		EP2976		
Equipment #	Driver			Job Safety An	alysis - A Discus	sion of Hazards	& Safety Pr	ocedures				
69	Casey Kennedy	✓ Hard hat		✓ Gloves		Lockout/Tag	gout	☐ Warning Sigi	ns & Flagging]		
239	Garrett Scott	☐ H2S Monitor		☑ Eye Protection		Required Pe	rmits	Fall Protection	Fall Protection			
248	Nick Beets	Safety Footwe	ar	Respiratory Pro	tection	✓ Slip/Trip/Fail Hazards ✓ Specific Job Sequence/					ıs	
		FRC/Protectiv		Additional Che	mical/Acid PPE	Overhead Hazards						
-		☐ Hearing Prote	=	Fire Extinguishe	er	Additional concerns or issues noted below						
				-=	Cor	nments						
		Customer s	upplied wate	r for cementir			~		-			
			••		_							
Product/ Service												
Code		Descr	iplion		Unit of Measure	Quantity	·	1		Net A	lmount	
C010	Cement Pump Serv	ice			ca	2.00		ļ		\$	1,350.00	
<u> </u>								ļ	 			
M010	Heavy Equipment N	Aileage			mi	36.00	<u> </u>	ļ	ļ		\$129.60	
M015	Light Equipment Mi	leage			mi	38,00					\$64.60	
M025	Ton Mileage - Minin	num			each	1,00		ļ			\$270.00	
				<u> </u>								
								<u> </u>				
CP065	50/50/2 Pozmix				sack	239.00				\$2	2,581.20	
CP095	Bentonite Gel				lb	400.00					\$108.00	
FE025	2 7/8" Rubber Plug				ea	2.00					\$72.00	
			thura r									
		 										
	·											
				1								
Custo	mer Section: On the	e following scale ho	w Would you rale I	Hurridane Services II	ל בו				Net:	\$4	1,575.60	
		. 10 . 1 . 1 . 2		11014		Total Taxable	5 -	Tax Rate:			\leq	
Bas	ed on this job, how	i likely is it you w	ould recommend	HSI to a colleague	,	Stata Lox lows deer used on new wells		ucts and services exempt. Humicane	Sale Tax:	\$	<u></u>	
						Services relies on t		rovided well rmination if services	ļ			
U	1 2 i	3 4 5	6 7 8	9 10 Exte	asy (bely	and/or products are			Total:	\$ 4	,575.60	
							ıtative.	Para	y Ken	woods	,,	
						HSI Represei			<u> </u>			
TERMS: Cash in edvan accounts shall pay inter collection, Customer has sppfled in stilling at not Pricing does not include discount is based on 30 concerning the results for future production performance customer owned equipment customer owned equipment.	est on the balance post is eby agrees to pay all fel Invoice price. Upon revided as no local days not payment ferms in the use of any produ- ormance. Custamer rep	due at the rate of 1 35° es directly or indirectly or indirectly or cardinate or royalities and a or cosh. DISCLAIM of service. The hadopresents and warrants	is per month or the my incurred for such co e price without discount of the price without discount of the state of the adjustment of the months of the state of t	aximum allowable by a plection, in the event the untils immediately due a ants. Actual charges ma vical data is presented in a best eatimate of the a oclated equipment in oc-	plicable state or fed il Customer's account and subject to collect y vary depending up a good faith, but no wo ciual results that may ceptable condition to	eral laws. In the event with HSI becomes from Prices quoted a continue, equipment, arranty is stated or in be achieved and si receive services by	nt it is necessa delinguent, Hi re estimates o end material i mpiled, HSI as nould be used HSL Likewise	ary to employ an agen SI has the right to revenly and are good for 3 ultimately required to ssumes no liability for for comparison purpor, the customer guarar	cy and/or attori oke any discour 80 days from the perform these o advice or recourses and HSI maters proper oper oper oper oper oper oper ope	ney to offer nts previou e date of h services. A miniondativ sekco no g perational i	ct the usly sates, Any ions made juarantee care of all	
occurate well information			-		•	•						

CUSTOMER AUTHORIZATION SIGNATURE



EMENT	TRE	ATMEN	T REPO	ORT				
					Well:	Wiseman 15	, 14 Ticket:	EP2976
	Customer TDR Construction		<u> </u>	County:		Date:	10/15/2021	
	City, State: Louisburg, KS					FR, KS		
Fiel	d Rep:	Lance T	own		S-T-R:	30-15-21	Service:	longstrings
Dow	nhole I	nformatic	ori		Calculated Six	ury - Lead	Calc	ulated Slurry - Tall
Hote	e Size:	5 5/8	in		Blend:	50/50/2	Blend:	
Hote Depth		940 ft		!	Weight:	14.25 ppg	Wolght:	ppg
Casing Size:		2 7/8 In			Water / Sx:	5.63 gal / sx	Water / Sx:	gal / sx
Casing Depth:		931 ft			Yield:	1.24 ft ³ / sx	Yietd	ft³/sx
Tubing / Liner:		In			Annular Bbls / Ft.:	bbs / ft.	Annula: Bbls / Ft.:	bbs / ft.
Depth:		ft			Depth:	ft	Depth:	tt
Tool / Packer:		baffle			Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:		899 ft			Excess:		Excess	
Displacement:		5.20 bbls			Total Slurry:	bbls	Total Slury:	aidd 0.0
			STAGE	TOTAL	Total Sacks:	уз О	Total Sacks:	0 sx
TIME	RATE	PSI	BBLs	BBLs	REMARKS			
1:30 PM				-	on location, held safety r	neeting		
	4.0			•	#15 - established circula			
	4.0			<u> </u>	mixed and pumped 200#	Bentonite Gel followed by 4 i	obls fresh water	
	4.0					ks 50/50/2 Pozmix cement, ce	ement to surface	
	4.0				flushed pump clean			
	1.0			-	pumped 2 7/8" rubber plu	ig to baffle with 5.20 bbls fres	sh water	
	1.0				pressured to 800 PSI, we	ll held pressure		
				-	released pressure to set	float valve		
	4.0				washed up equipment			
								
								·
	4.0		-+		#14 - established circulat			
·· ·	4.0					Bentonite Gel followed by 4 b		
	4.0	mixed and pumped 119 sks 50/50/2 Pozmix cement, cement to surface						
	4.0				flushed pump clean			
	1.0				pumped 2 7/8" rubber plug to baitle with 5.16 bbls fresh water pressured to 800 PSI, well held pressure			
	1.0							
					released pressure to set	IIoat Agide		· · . · . · · · · · · · · · · · ·
	4.0				washed up equipment	· · · · · ·	······································	
2.20 522					left location			
3:30 PM					ren location			
	-+							
	-+							
		CREW			UNIT		SUMMARY	
Cementer:		Casey Kennedy			89	Average Rate		Total Fluid
Pump Operator:		Garrett Scott			239	3.1 bpm	- psi	- bbls
Bulk:		Nick Beets		 †	248	0.1 Spiii		
	H2O:	MICK	JCC10		A1V			