KOLAR Document ID: 1436668

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:			est			
Address 2:		Feet from North / South Line of Sect	tion			
City: State:	++	Feet from East / West Line of Sect	ion			
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.xxxxxx)				
Wellsite Geologist:		Datum: NAD27 NAD83 WGS84				
Purchaser:		County:				
Designate Type of Completion:		Lease Name: Well #:	—			
New Well Re-Entr	y Workover	Field Name:				
] SWD	Producing Formation:	—			
Gas DH] SWB] EOR	Elevation: Ground: Kelly Bushing:				
	GSW	Total Vertical Depth: Plug Back Total Depth:				
CM (Coal Bed Methane)	_	Amount of Surface Pipe Set and Cemented at: F	eet			
	ol., etc.):	Multiple Stage Cementing Collar Used? Yes No				
If Workover/Re-entry: Old Well Info as		If yes, show depth set: Fe	eet			
Operator:		If Alternate II completion, cement circulated from:				
Well Name:		feet depth to:w/sx c	mt.			
Original Comp. Date:						
Deepening Re-perf. Plug Back Liner	Conv. to EOR Conv. to SWD Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
□ O		Chloride content:ppm Fluid volume:b	bls			
_ •	rmit #:	Dewatering method used:				
	rmit #: rmit #:					
	rmit #:	Location of fluid disposal if hauled offsite:				
	rmit #:	Operator Name:				
33		Lease Name: License #:				
Spud Date or Date Reached	Completion Data co	Quarter Sec TwpS. R	est			
Recompletion Date	d TD Completion Date or 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 Approved by: Date:

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Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia reicent Additives	
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole				nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	MURROW 9-I
Doc ID	1436668

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	21	portland	4	



Mound City, KS 620 224 7406

					tillito, i				620.224.7406
		We	II #				С	asing	<u> </u>
		MURRO)W #9	-l	1		Surface		Longstring
	ı	RJ ENER	GY. LL	.c		Size:	7.0 "	Size:	2 7/8 "
		_	- ,			Tally:	21.45 '	Tally:	1
API #:	15-10	7-25301	S-T-R:	16-23-22E		Cement:		Bit:	5.875 "
County:	Linn		Date:	11/20/2018		Bit:	9.875 "	Date:	
Тор	Base	Form	ation		Тор	Base	Formation		
0	2	Soil							
2	46	Lime							
46	50	Shale		Blk.					
50	54	Lime							
54	58	Shale							
58	79	Lime							
79	234	Shale							
234	243	Limey Sh	ale						
243	262	Lime							
262	330	Shale							
330	360	Lime							
360	401	Shale							
401	418	Lime							
418	430	Shale							
430	433	Lime							
433	534	Shale							
534	536	Lime							
536	625.5	Shale							
625.5 626	626 642	Sand Shale							
642	646	Sand							
646	665	Shale							
665	003	TD							
003		10							
							Sand / Core	Detail	
					Core #1	:	Core #		
					625.5		Good odor, fair l		
					642	646	Sand soft, good	bleed.	
				Total Depth:	665				



Remit To: Hurricane Services, Inc. 250 N. Water. Suite 200 Wichita, KS 67202 316-303-9515

Customer:

R J ENTERPRISES C/O ROGER KENT 22082 NEOSHO RD GARNETT, KS 66032

Invoice Date: Invoice #. Lease Name: Well# County

11/28/2018 0050230 Murrow 9-i (New) Linn

Date/Description	HRS/QTY	Rate	Total
CT1613 PTA	0.000	0.000	0.00
Pump truck #271	1.000	375.000	375.00
H-Plug	40.000	10.400	416.00

Net Invoice 791.00 Sales Tax: 35.73 826.73 Total

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice. SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.