KOLAR Document ID: 1672513

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:	
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:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
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)
Described	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if flauled offsite.
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 ☐ 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.	Weight Se		Type of Cement	# Sacks Used	Type and Percent Additives		
				ADDITIONAL	OF MENTING /							
Purpose:	[Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	ad Paraant Additivas			
Purpose: Depth Top Bottom Perforate Top Bottom Protect Casing Plug Back TD			туре	or cement	# Gacks Oseu		Type and Percent 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	Pumping			ther (Explain)	Gas-Oil Ratio	Gravity		
Per 24 Hours		Oli Bb	15.	Gas Mcf Water Bbls. Gas-Oil Ratio						Gravity		
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:		
Vented	Sold Use	d on Lease		Open Hole		Oually Comp. Commingled			Тор	Bottom		
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (SUDI	mit ACO-4)				
Shots Per Foot	Perforation Top	Perforation Bottom	Perforation Bridge Plug Bridg Bottom Type Se									
TUBING RECOR	D: Size:		Set At:		Packer At:							

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	PUGSLEY C-23
Doc ID	1672513

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	20	portland	8	n/a
Production	6.25	3.5	9	879	portland	125	n/a

Kent Drilling Co.

TELEPHONE 448-3762 or 3922

GARNETT, KANSAS 66032 CALDWELL ENTERPRISES PUGSLEY C-23

8 Soil & clay 51 Lime	8 59	6 5/8 set @ 20' & cemented to surface. $3\frac{1}{2}$ " set @ 879.15 & cemented to surface.
158 Shale 33 Lime	217 250 320	816 to 849 broken oil sand good bleed- ing, showing gas in top & bottom sect-
70 Shale 52 Lime	372	ion.
Shale 29 Lime	380 409	Perforate 816 to 826, 828 to 831, 834-
6 Shale 17 Lime	415	839, 844 to 849.
175 Shale 15 Lime	607 622	
20 Shale 13 Lime	682 695	
ll Shale 5 Lime	706 711	
22 Shale 8 Lime	733 741	
75 Shale 33 Oil sand	816 849	
13 Shale 2 Coal	862 864	
23 Shale	887 T	· D.

	N 0+					Fre	dM	ade		P.O. Box 88	4	icket	13	120	
						LLS	ERVI	CES.	INC. Ch	nanute, Kansas hone (316) 431	66720				
CON	JULI		r's Acct. No.		Sec		Twp.	Range	1			Place or Destina	ation	2.1	
1-7-	88	/ 8	rs ACCI. NO.		- /	6	21	20	Pugs	ley	C-23	County	九	TY	
arge To							Owner		0 1	rss	M				
Glenn Caldwell								Contractor				State			
iling Addres	Box	42						Ke		rilling		1 83.			
ty & State	_	11	L-	1	60	27		Well Owner	Operator Contracto	or .					
(Dark	ne M	12	0	60	NAME AND ADDRESS OF THE OWNER, WHEN	MENTI	NG SE	RVICE DA	TA					
							DATA		S AND HEAD		SSURE	CEME	NT LEF	T IN CASING	
	E OF JOB		New CA	SING		Bore	-51	Bottom	1-5W	Circulating	200	Requested			
rface			Used	-		Size	578	Тор		Minimum	777	Necessity		<u> </u>	
oduction			Size	2'2		Total Depth	887	Head	PL	Maximum	800	Measured			
ueeze			Weight	7 -		Cable		FLOAT	EQUIPMENT	Sacks Cement	107		1	, ,	,
her			Depth	87	9'-	Tool				Type & Brand	Port	land A	1.6	0/407	2
			Туре	SRDE	UE	Rotary	-			Admixes	2%	Gel. 2	601	Ahead.	
					FRA	CTUR	ING -	ACIDIZ	ING SER	VICE DAT	Α				
								At Interva							
ype of Job					down D	neeuro from		Attition	psito		psi				
bls Fracturi	ng Fluid			psi	down Pre	Minimum		psi	GPM/B			M Close In psi			
reating Pres	ssures: Maxin	mum			Treating						Open Ho	ole Diameter			
land					Casing	Acid		Annulus	Sizo Weight						
	g Through: To	ubing			Casing										
Remarks:	lions		Q.			Pay F	ormation Name				Depth of Job				Ft.
No. Perforat	lions							IOF	COTIO	M		FRACT	URING	G - ACIDIZII	NG
CEMENT	ring	1	ell				INVO	ICE :	SECTIO	IN					
Pumping	Charge	14	veu	•	10	Office	\$		Pumping Cha			Offi Us	ice	\$	
Pumping				@	57	Use	\$ 377	,00	Pumping Cha	The second secon	@			•	
107	Sacks Bu	ilk Ceme	ent	@	- 6	110	561	.15		x30 Sand x20 Sand	@				
Ton Mile	age on Bu	ılk Ceme	ent 30	@		6401	113	,95	100	x Sand	@				
4 SX	Premium	Gel		@		301	2	.60	Ton Mileage @						
	Flo-Seal			@			200			als., Acid	@				
	Calcium	Chloride	9	@		Mal	10	0.0	Chemicals @						
1-30	Plug			@		1406	191-0	00	-		@				
				@					1		@				
	Equipme	ent		@					1		@				
				@							@				
				@							@				
				@					F	otassium Chlo	oride @				
			_	@					F	Rock Salt	@		1		
	Granula	ted Salt		@					1	Water Gel	@				
Transc	ort Truck		Hrs.)	@					Transport Tr	ruck (Hrs.)				
	uck (N			@					Vac Truck (Hrs.)	@				
vac III	uon ()0 (,		@					+		@				
		77.5				Tax	× 30,	42	4				Tax		-
A Finar	nce Charg	e compl	uted at 1%	% per m	nonth	Tota	\$//2	9.22					Total	\$	
(annual	percentage over 30 c	ge rate o	if 21%) wil	i be add	ed to		110	,,,,	1921	51				NS	SCO-1893