KOLAR Document ID: 1588194

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
City:	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:, (e.axxx.xxxxx)
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	County:
Purchaser:	
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD ☐ Gas ☐ DH ☐ EOR	Producing Formation: Kelly Bushing:
☐ OG ☐ GSW	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         □ Plug Back       □ Liner       □ Conv. to GSW       □ Conv. to Producer	Drilling Fluid Management Plan (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:
EOR Permit #:	•
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	Countv: 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	Name: _				W	/ell #:	
SecTv	vp	S. R.		East	t 🔲 W	/est	Count	ty:						
open and closed and flow rates if	d, flowing a gas to surf tity Log, Fir	ind shu face tes nal Logs	t-in pressu st, along w s run to ob	ures, who vith final otain Geo	ether sl chart(s ophysic	hut-in pre i). Attach cal Data a	essure rea extra she and Final I	iched stat eet if more Electric Lo	ic level space	, hydrosta e is needed	tic pressures d.	s, botton	n hole tempe	val tested, time tool erature, fluid recovery,  v. Digital electronic log
Drill Stem Tests (Attach Add)	Taken	s)			/es [	No		L	.og	Formatio	n (Top), Dep	oth and	Datum	Sample
Samples Sent to		•	∋y		es [	No		Nam	е				Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud Logs List All E. Logs Run:					/es [ /es [	No No No								
List / III L. Logo	i turi.													
				Rep	ort all st		RECORD			Used ite, producti	on, etc.			
Purpose of S	String	Size Dril			ize Casi et (In O.I			eight s. / Ft.		Setting Depth	Type of Cement		# Sacks Used	Type and Percent Additives
					ADI	DITIONAL	. CEMENT	ING / SQL	JEEZE	RECORD				
Purpose: Depth Top Bottom Perforate Protect Casing Plug Back TD			Тур	Type of Cement			ks Used	Type and Percent Additives						
Plug Off 2														
Did you perform     Does the volum     Was the hydrau	ne of the tota	al base fl	uid of the h	ydraulic fr	racturing	•				Yes Yes Yes	No (If N	lo, skip c	questions 2 an question 3) t Page Three (	·
Date of first Produ	uction/Injecti	ion or Re	sumed Pro	duction/		ucing Meth	nod:	ina	Gas Li	ft 🗆 C	ther (Explain)			
Estimated Produ Per 24 Hours			Oil E	Bbls.			Mcf					Gas	:-Oil Ratio	Gravity
DISP	POSITION O	F GAS:				N	METHOD C	F COMPLI	ETION:				PRODUCTIC Top	ON INTERVAL: Bottom
Vented (If vent	Sold [	_	on Lease		Open H	lole	Perf.		Comp t ACO-5		nmingled mit ACO-4)			Jettenn
Shots Per Foot	Perfora Top		Perforat Bottor		Bridge Typ			Bridge Plug Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)			Record			
TUBING RECOF	BD:	Size:		Set At:	<u> </u>		Packer At:							
				JULAI.			. wonor At.							

Form	ACO1 - Well Completion
Operator	McGown Drilling, Inc.
Well Name	DIRTY HARRY 7
Doc ID	1588194

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	21	А	4	N/A
Production	5.875	2.875	6.5	504	Econobon d	62	N/A



CEMENT TREATMENT REPORT														
Cust	Customer: McGown Drilling				Well:		Dirty H	larry 7	Ticket:	EP2094				
City,	State:	Mound C	City, KS		County:	LN,	KS	Date:	6/21/2021					
Field	d Rep:	Chris Mo	Gown		S-T-R:		11-2	2-23	Service:	longstring				
Dow	nhole l	nformatio	on		Calculated S	Calculated Slurry - Lead Calculated Slurry - Tail								
Hole	Size:	5 7/8	in		Blend:	Econ	obond		Blend:					
Hole I	Depth:	511	ft		Weight:	13.52	ppg		Weight:	ppg				
Casing	Size:	2 7/8	in		Water / Sx:	7.12	gal / sx		Water / Sx:	gal / sx				
Casing I	Depth:	252	ft		Yield:	1.56	ft³/sx		Yield:	ft³/sx				
Tubing /	Liner:		in	-	Annular Bbls / Ft.:		bbs / ft.		Annular Bbls / Ft.:	bbs / ft.				
	Depth:	504	ft		Depth:		ft		Depth:	ft				
Tool / Pa	acker:	baf	fle		Annular Volume:	0.0	bbls		Annular Volume:	0 bbls				
Tool I	Depth:	252	ft		Excess:				Excess:					
Displace	ment:	1.46	bbls		Total Slurry:	17.23	bbls		Total Slurry:	0.0 bbls				
			STAGE	TOTAL	Total Sacks:	62	sx		Total Sacks:	0 sx				
TIME	RATE	PSI	BBLs	BBLs	REMARKS					BE THE SERVICE STREET				
3:30 PM			-		on location, held safet	y meeting								
	$\vdash$													
	4.0			<u>-</u>	established circulation			en acceptation to						
	4.0				mixed and pumped 100									
	4.0				mixed and pumped 62	sks Econob	ond cement, c	ement to sur	rface	***				
	4.0				flushed pump clean									
	1.0		-		pumped 2 7/8" rubber	plug to baffle	e with 1.46 bbl	s fresh wate	er					
	1.0			<u> </u>	pressured to 800 PSI									
					well held pressure									
	4.0			<u>-</u>	shut in casing washed up equipment									
	4.0				wasned up equipment									
										· · · · · · · · · · · · · · · · · · ·				
										**************************************				
	CREW UNIT SUMMARY								Y					
Cen	nenter:	Case	y Kenned	iy	89		Averag	e Rate	Average Pressure	Total Fluid				
Pump Op	erator:	Garr	ett Scott		239		3.1	bpm	- psi	- bbls				
	Bulk:	Alan	Mader		247									
S SP	H2O:			account to the same										

ftv: 15-2021/01/25 mplv: 181-2021/06/11



Mound City, KS 620.224.7406

										620.224.7406	
		We	ell#					Ca	sing		
		Dirty H	arry #	7				Surface		Longstring	
	McC	Gown D	rilling	. Inc.			Size:	7.0 "	Size:	2 7/8 "	
				,			Tally:	21 '	Tally:	504 '	
API #:	15-107	7-25353	S-T-R:	11-22-23E			Cement:		Bit:	5.875 "	
County:			Date:				Bit:	9.875 "	Date:	6/21/2021	
Ton	Dana	Fa	- <b>*</b> :			Ton	Dage	Farmation			
<b>Top</b> 0	Base 2	Soil	ation			Тор	Base	Formation	<u> </u>		
2	8	Clay							+		
8	14	Lime							+		
14	18	Shale							+		
18	19	Lime							+		
19	21	Limey Sh	ale						+		
21	78	Shale							+		
78	80	Blk. Shale	e								
80	107	Shale									
107	111	Lime									
111	114	Blk. Shale	e								
114	121	Sand									
121	153	Shale		20'							
153	174	Lime									
174	176	Blk. Shale	е								
176	183	Shale		5'							
183	185	Lime									
185	220	Shale									
220	228	Sand									
228	230	Sandy Sh	ale								
230	283	Shale									
283	285	Lime									
285	341	Shale									
341	343	Lime									
343	442	Shale						Sand / Core D			
442	441	Coal				Core #1:		Core #2	•		
441	509	Shale									
509		Miss. Lim	ne			222	224				
511		TD				220	224	Good to fair bleed	l, laminate	ed good bleed in	
								sample.			
						224	220				
						224	228	Very shaley, slight	, pieed in s	samples.	
							Λ	lum cement baff	le at 252	1	
								adii cement ball	- at 232		
				Total Depth:	5	11'					
		1						I .			