KOLAR Document ID: 1480413

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 Sectio				
City:	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)	Multiple Stage Cementing Collar Used?				
Cathodic Other (Core, Expl., etc.):					
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: 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)				
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls				
Dual Completion Permit #:	Dewatering method used:				
SWD Permit #:	Location of fluid disposal if hauled offsite:				
EOR Permit #:	Ecodition of hald disposal in riddied choice.				
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 Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a     Does the volume     Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion
Operator	Citation Oil & Gas Corp.
Well Name	COLBORG 2
Doc ID	1480413

# Tops

Name	Тор	Datum
Heebner	3367	-1286
Toronto	3385	-1304
Lansing-Kansas City	3405	-1324
Base KC	3654	-1573
Marmaton	3742	-1661
Zeman Sd	3804	-1723
Arbuckle	3832	-1751
R.T.D.	3838	-1757

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# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	13.75	10.75	29	248	common	150	unk
Production	7	8.75	23	3835	J55	150	unk



#### **DAILY WORKOVER REPORT**

Field:	Sunny Slope		Sunny Slope		Well:	Colberg 2	Date:	10/29/2019
Rpt#:		1			AFE #: _	190709		
Rig #:	Expre	ess Well Service Rig 9	Reported By:	Dennis Mick	AFE Amount:			
Barrel te	st:		<u></u>		Unit size:			
Objective	e:	Return old TA'ed well to	production		<u></u>			
Commer	nts:							
Current Activity: Swab well down to RBP.								

### **Details of Past 24 Hrs Operations**

MIRU Express WS Rig 9. RIW bit, 7" casing scraper, and tubing. Tally in. Had much trouble getting rabbit through tubing from yard. It had ice and rust inside from testing in yard. POOH with tubing & casing scraper. RU Ely wireline. Perforate LKC G 3501'-3504', & 3485'-3492', LKC B @ 3439'-3445'. Collar locater quit working and had to go to Hays for spare truck. PU RBP and packer. Run in to 3730' and set RBP. Pull up 1 jt. let packer swing. SDFN.

Daily Well Cost							
Description	Day Cost	Cum. Cost	Description	Day Cost	Cum. Cost		
Rig Cost:	\$2,760	\$2,760	Casing:		\$0		
Contract Labor:		\$0	Tubing:		\$0		
Trucking:	\$500	\$500	Wellhead:		\$0		
Mud & Water:			Artificial lift		\$0		
Rental Equipment:		\$0	Non-Control Well Eqp.		\$0		
Wireline/Logging:		\$0	Non-Control Surf. Equip.		\$0		
Fishing Tools/Serv.:		\$0	Motors/Engines:		\$0		
Location/Roads:		\$0	Tanks:	\$600	\$600		
Cement & Services:		\$0	Separators/Treaters/etc.:		\$0		
Stimulation:		\$0	Pipelines:		\$0		
Supervision:		\$0					
Hot Oiler: Load, PT, etc.		\$0					
Xpert tools	\$3,600	\$3,600	Contingency:	\$373	\$373		
		\$0	Total Daily Cost:	\$7,833			
		\$0	Cumulative Cost:		\$7,833		



#### **DAILY WORKOVER REPORT**

Field:	Sunny Slope	Well:	Colberg 2	Date:	10/30/2019
Rpt #:	2			AFE#:	190709
Rig #:	Express Well Service Rig 9	Reported By:	Dennis Mick	AFE Amount:	\$0
Barrel test:	0	<u></u>		Unit size:	0
Objective: Return old TA'ed well		production		<del></del>	
Comments:					
Current Act	ivity: Run swab. Check overr	nite fill-up.			

#### **Details of Past 24 Hrs Operations**

RIW swab. Fluid @ 2100'. Fluid was @ 2350' before and while perforating. Swabbed well down to 3300'. New perfs were kicking fluid in. Swabbed almost all gassy oil. Moved plug up to 3533', packer @ 3458', spot @ 3506'. Pump 1000 gal acid. Formation started to feed @ 500psi. Taking @ .33 bpm @ 350psi. Increased rate to 1.75 bpm @ 600psi. Increased rate to 3.00bpm as pres dropped to 400psi. As we shifted to higher gear, acid communicated up to B zone and we never regained any pressure. (blow on backside). Left plug @ 3533' and moved packer up to 3426'. Treated with 600 gal. Treated at 4.5 bpm @ 650psi throughout. Total used: 1600 gal 15% HCL, 3.5 Gal Inb, 3.5 gal NE, 3.5 gal SS, 32 gal MS-1. Let set 40 min. All pressure gone after 25 min but no vaccum. Released packer. Run 2 jts in. PU swab and swab well. Initial Fluid at 1800' BS. 1st hr swabbed 32.4 bbls gassy water with slight show of oil. Fluid @ 2450' BS. 2nd hr; Fluid @3100' BS. Swabbed 19 bbl. 13.3% oil. 3rd hr; swabbed 9.6 bbl 45% oil. Fluid @ 3150'. 4th hr; swabbed 5.6 bbl. 48% oil. Fluid @ 3375'. Pulling 130' per pull. SDFN. Will check overnite fill-up in morning.

Daily Well Cost							
Description	Day Cost	Cum. Cost	Description	Day Cost	Cum. Cost		
Rig Cost:	\$2,650	\$5,410	Casing:		\$0		
Contract Labor:		\$0	Tubing:		\$0		
Trucking:		\$500	Wellhead:		\$0		
Mud & Water:	\$385	\$385	Artificial lift		\$0		
Rental Equipment:		\$0	Non-Control Well Eqp.		\$0		
Wireline/Logging:		\$0	Non-Control Surf. Equip.		\$0		
Fishing Tools/Serv.:		\$0	Motors/Engines:		\$0		
Location/Roads:		\$0	Tanks:		\$600		
Cement & Services:		\$0	Separators/Treaters/etc.:		\$0		
Stimulation:	\$4,079	\$4,079	Pipelines:		\$0		
Supervision:	\$0	\$0					
Hot Oiler: Load, PT, etc.		\$0					
Xpert Tools	\$830	\$3,600	Contingency:	\$794	\$1,167		
		\$0	Total Daily Cost:	\$8,738			
		\$0	Cumulative Cost:		\$16,571		



#### **DAILY WORKOVER REPORT**

Field:		Sunny Slope	Well:	Colberg 2	Date:	10/31/2019
Rpt #:		3			AFE #:	190709
Rig #:	Expre	ess Well Service Rig 9	Reported By:	Dennis Mick	AFE Amount:	\$0
Barrel test		0	-		— Unit size:	0
Objective: Return old TA'ed well to		production				
Comments	3:					
Current Activity:		Waiting on AFE to plug w	/ell			

#### **Details of Past 24 Hrs Operations**

Swab on well. Initial F.L. @ 3000'. Pulled 500' 60% oil. 1st hr swabbed 10.85 bbls. Turned to almost all water. Fluid level down to 3300'. 2nd hr;swabbed 6.68 bbls. First 1/2 of hr, pulled all water. Final pull of hr was 89% oil. Pulling 180' per pull. 3rd hr swabbed 3.34bbl of 85% oil. 150' fluid per pull. 4th hr, swabbed 1/2 hr pulls. .8 bbl 80% oil. 90' per pull. 5th hr swabbed 2.05 bbl. 67% oil. 65' per pull. Decision was made to plug well. LD swab. Run in and catch RBP. Pull out with tools. Lay out tubing. Break out working head and cap casing. TDMO. Will haul tubing to Hays yard. Will empty swab tank.

Daily Well Cost					
Description	Day Cost	Cum. Cost	Description	Day Cost	Cum. Cost
Rig Cost:	\$2,645	\$8,055	Casing:		\$0
Contract Labor:		\$0	Tubing:		\$0
Trucking:	\$500	\$1,000	Wellhead:		\$0
Mud & Water:	\$400	\$785	Artificial lift		\$0
Rental Equipment:		\$0	Non-Control Well Eqp.		\$0
Wireline/Logging:		\$0	Non-Control Surf. Equip.		\$0
Fishing Tools/Serv.:		\$0	Motors/Engines:		\$0
Location/Roads:		\$0	Tanks:		\$600
Cement & Services:		\$0	Separators/Treaters/etc.:		\$0
Stimulation:			Pipelines:		\$0
Supervision:		\$0			
Hot Oiler: Load, PT, etc.		\$0			
Xpert Tools	\$830	\$4,430	Contingency:	\$438	\$1,605
			Total Daily Cost:	\$4,813	
		\$0	Cumulative Cost:		\$21,384