KOLAR Document ID: 1759560

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 Name:		Well #:				
Sec Twp.	S. R.	Ea	ast West	County:						
	flowing and shu	ıt-in pressures, w	hether 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	. Digital electronic log		
Drill Stem Tests Ta			Yes No		_	on (Top), Depth ar		Sample		
Samples Sent to G	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							
		R			New Used	on, etc.				
Purpose of Strir		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	I				
Purpose:		epth Ty	pe of Cement	# Sacks Used	ed Type and Percent Additives					
Protect Casi										
Plug Off Zon										
<ol> <li>Did you perform a</li> <li>Does the volume o</li> <li>Was the hydraulic</li> </ol>	of the total base f	luid of the hydraulic	fracturing treatment	_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three (	,		
Date of first Producti Injection:	ion/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other (Explain)				
Estimated Production Per 24 Hours	on	Oil Bbls.			tter Bbls. Gas-Oil Ratio			Gravity		
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			N INTERVAL: Bottom		
	_	on Lease	Open Hole			mmingled mit ACO-4)	Тор	Bottom		
,	, Submit ACO-18.)				· · · · · · · · · · · · · · · · · · ·					
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 /	At:	Packer At:						
. 5213 (1200) 10.	JIEG.			. 30.0.71						

Form	ACO1 - Well Completion						
Operator	Altavista Energy, Inc.						
Well Name	MARJORIE CROTTS I-13						
Doc ID	1759560						

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	18	50	Thixo	52	See Ticket
Production	5.875	2.875	6.5	1094	Thixo	125	See Ticket



Mound City, KS 620.224.7406

											iviound City, KS
					ı				Casi		620.224.7406
		We									
	Al	tavisat	a Ener	37				Surfac	e		Longstring
	Ma	rjorie (	Crotts I	13			Size:	7	II	Size:	2 7/8 "
							Tally:	50.	0 '	Tally:	1094.1 '
API #:	15-031	-24686	S-T-R:	14-22S-16E			Cement:	HSI	SX	Bit:	5 7/8 "
County:	Co	ffey	Date:	1/5/2024			Bit:	9 7/	8 "	Date:	1/11/2024
Тор	Base	Base Formation				Тор	Base For		Formation		
0	2	soil				999	1013	sand			
2	30	clay				1013		sandy s	hale		
30	45	Sand & g	gravel								
45	212	shale									
212	240	lime									
240	242	shale									
242	268	lime									
268	355	shale									
355	369	lime									
369	374	shale									
374	376	lime									
376	411	shale									
411	472	lime									
472	512	shale									
512	514	lime									
514	530	shale									
530	588	lime									
588	593	shale						Float E	quipment		
593	626	lime				Qty	Size				
626	629	shale				1	2 7/8	Float SI	noe		
629	641	lime				1	2 7/8	Alumir	num Baffle		set at 1061
641	820	shale				3	2 7/8	Central	izers		
820	828	lime				1	2 7/8	Casing	clamp		
828	889	shale									
889	899	lime						San	d / Core De	etail	
899	912	shale				Core #1:			Core #2:		
912	917	lime				Core #3:			Core #4:		
917	933	shale				999	1002	Slight o	dor, no blee	ed very la	amieated
933	936	lime									
936	954	shale				1002	1013	good o	dor, good bl	eed sligh	ntly laminated
954	960	lime						mostly	sand		
960	966	shale									
966	968	lime									
968	995	shale						MD Inv	entory:		
995	996	lime						1- 7" cc	ollar		
996	998	shale									
998	999	lime									

1099

**Total Depth:** 



1-111-111		A-111-111	<u> </u>										
		ATMENT											
Cust	omer:	Altavista	Energy	У	Well:	EP11957							
City, State:					County:	CF	, KS	Date:	1/5/2024				
Field	d Rep:	Bryan M	iller		S-T-R:	LS							
Dow	nhole I	nformatio	n		Calculated Sign	ırry - Lead		Calc	ılated Slurry - Tail				
Hole	e Size:	5 5/8	in		Blend:	Thixo 1#PS		Blend:					
Hole [	Depth:	1094	ft		Weight:	13.7 ppg		Weight:	ppg				
Casing	g Size:	2 78	in		Water / Sx:	8.9 gal / sx		Water / Sx:	gal / sx				
Casing I	Depth:	1091	ft		Yield:	1.83 ft <sup>3</sup> / sx	Yield:	ft³/sx					
Tubing /	Liner:		in		Annular Bbls / Ft.:	bbs / ft.		Annular Bbis / Ft.:	bbs / ft.				
	Depth:		ft		Depth:	ft		Depth:	ft				
Tool / Pa	acker:	Baff	ile		Annular Volume:	0.0 bbls		Annular Volume:	0 bbls				
Tool [	Depth:	1060 ft			Excess:		_	Excess:					
Displace	ment:	6.1	bbls		Total Slurry:	bbls		Total Slurry:	0.0 bbls				
			STAGE	TOTAL	Total Sacks:	sx		Total Sacks:	0 sx				
TIME	RATE	PSI	BBLs	BBLs	REMARKS								
11:00 AM			-	-	On location Held safety m	neeing							
				-	Matted Constitutions								
				-	Waited for rig to run casir	ng							
4:00 DM	4.0			-	#I-15	ith frach water							
1:00 PM	4.0			<u> </u>	Established circulation w		nd by 4 PPL of	froch water					
	4.0	250.0			Mixed and pumped 200# of bentonite gel followed by 4 BBL of fresh water  Mixed and pumped 115 sks of Thixo cement with 1# PS, Cement to surface								
	4.0	250.0			Flushed pump and line cl		ii i# F 5, Ceille	in to surface					
	4.0	250.0			Displaced 2 7/8" rubber p		mer with 6.1 Bl	BL of fresh water					
	1.0	800.0		_	Pressured up well to 800F								
				-	Released pressure to set								
2:00 PM	4.0				Washed up equipment an	d moved							
					#I-13 Rig set 50' of surfac	ce pipe							
					Hooked to surface and es	stablished rate							
					Mixed and pumped 30 sks	s of thixo cement with	1#PS, lost circ	ulation					
					Displaced cement with 1.	5 BBL of water, shut in	casing						
					Filled the backside up wit	th 22sks of cement, an	nulus stayed f	ull with cement					
					Washed up equipment								
4:30 PM					Left location								
		CREW			UNIT			SUMMARY					
Cen	nenter:	Garret			97	Δvers	ige Rate	Average Pressure	Total Fluid				
Pump Op		Nick B			209		6 bpm	433 psi	- bbls				
	Bulk #1:	Drew I			248		· • • • • • • • • • • • • • • • • • • •	<b>po</b> .					
	Bulk #2:	Trevor			110								

ftv: 15-2021/01/25 mplv: 440-2023/11/20



CEMENT	TRE	ATMEN'	T RED	ORT							
		Altavista			Well:		Marjorie Crotts	#1 42	Tiologic	EP12010	
	State:		Lilorg	<i>y</i>	County:		CF, KS	#1-13	Ticket:		
							Date:	1/11/2024			
Field	а кер:	Bryan M	iller		S-T-R:				Service:	LS	
Dow	nhole I	nformatio	on		Calculated S	Slurry - Lea	d		Calc	ulated Slurry - Tail	
Hole	Size:	5 5/8	in		Blend:						
Hole I	Depth:	1099	ft	İ	Weight:	13.7	ppg		Weight:	ppg	
Casing	Size:	2 78	in		Water / Sx:	8.9	gal / sx		Water / Sx:	gal / sx	
Casing I	Depth:	1094	ft		Yield:	1.83	ft <sup>3</sup> / sx		Yield:	ft <sup>3</sup> / sx	
Tubing /	Liner:		in		Annular Bbls / Ft.:		bbs / ft.		Annular Bbis / Ft.:	bbs / ft.	
	Depth:		ft		Depth:		ft		Depth:	ft	
Tool / Pa	acker:	Baf	fle		Annular Volume:	0.0	bbls		Annular Volume:	0 bbls	
Tool I	Depth:	1061	ft		Excess:				Excess:		
Displace	ment:	6.1	bbls		Total Slurry:		bbls		Total Slurry:	0.0 bbls	
			STAGE		Total Sacks:		sx		Total Sacks:	0 sx	
	RATE	PSI	BBLs	BBLs	REMARKS						
3:30 PM			-	-	On location Held safety	/ meeing					
				-	Material Construction						
				-	Waited for rig to run ca						
6:30 PM	4.0			-	Well wasnt flowing bef	ore cementin	ig in the casing				
	4.0			-	Establish circulation  Mixed and pumped 200	# of bontonit	to Gol followed by 4	BBI of fr	och water		
	4.0	250.0			Mixed and pumped 125		-				
	4.0	200.0		_	Flushed pump and line		Cement with 1#1 C	, ocinicit	to surface		
	4.0	250.0		_	Displaced 2 7/8" rubbe		1 BBL of fresh water	er			
	1.0	800.0		_	Pressured up well to 80						
				-	Released pressure to s						
	4.0				Washed up equipment						
7:30 PM					Left Location						
		CREW			UNIT				SUMMAR'	Υ	
Con	nenter:	Garret			97		Average Rate		Average Pressure	Total Fluid	
Pump Op		Nick E			209		3.6 bpm		433 psi	- bbls	
					248		3.0 bpiii		TOO POI	- www	
Bulk #1: Drew B Bulk #2: Trevor G			110								

ftv: 15-2021/01/25 mplv: 440-2023/11/20