KOLAR Document ID: 1834971

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:						

KOLAR Document ID: 1834971

Page Two

Operator Name:			Lease Name:				ne: Well #:				
Sec Tw	pS	S. R	Eas	t West	County:						
	l, flowing an	d shut-in press	sures, wh	ether shut-in pre	ssure reached	static	level, hydrostat	ic pressures, bo		val tested, time tool erature, fluid recovery,	
Final Radioactivi files must be sub							gs must be emai	led to kcc-well-l	ogs@kcc.ks.gov	v. Digital electronic log	
Drill Stem Tests (Attach Addit	Taken tional Sheets)			Yes No		☐ Lo		n (Top), Depth a		Sample	
Samples Sent to	Geological	Survey		Yes No		Name			Тор	Datum	
Cores Taken Electric Log Run Geologist Report List All E. Logs F	t / Mud Logs	S		Yes No Yes No Yes No							
			Rep	CASING	RECORD [New		on, etc.			
Purpose of St	tring	Size Hole Drilled		ize Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
				ADDITIONAL	CEMENTING /	SQUE	EEZE RECORD		<u>'</u>		
Purpose: Perforate		Depth Top Bottom	Тур	e of Cement	# Sacks Use	ed		Type and	Percent Additives		
Protect Ca											
Plug Off Zo											
Did you perform Does the volume Was the hydraul	e of the total I	base fluid of the	hydraulic f	racturing treatment		-	Yes S? Yes Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three		
Date of first Produ Injection:	iction/Injection	n or Resumed Pr	roduction/	Producing Meth	od:		Gas Lift O	ther <i>(Explain)</i>			
Estimated Product Per 24 Hours		Oil	Bbls.		Mcf	Water			Gas-Oil Ratio	Gravity	
DISPO	OSITION OF	GAS:		N	METHOD OF CO	MPLET	ΓΙΟΝ:			ON INTERVAL:	
Vented		Used on Lease		Open Hole		Dually (Submit A		nmingled	Тор	Bottom	
,	ed, Submit AC							·			
Shots Per Foot	Perforation Top	on Perfor Bott		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze and of Material Used)		
TUBING RECORI	D: S	ize:	Set At	:	Packer At:						

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	SAUDER 23
Doc ID	1834971

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	15	63	Thixo	30	See Ticket
Production	5.875	2.875	6.5	1093	Thixo	100	See Ticket



Mound City, KS 620.224.7406

	Well #							
Altavista Energy								
Sauder #23								
A D1 #.	021 24711	C T D.	14 226 165					

API #: 031-24711 S-T-R: 14-22S-16E County: Coffey Co., KS Date: 12/23/2024

	Casing							
	Surface		Longstring					
Size:	7	"	Size:	2 7/8 "				
Tally:	63.0	1	Tally:	1092.5 '				
Cement:	HSI	sx	Bit:	5 7/8 "				
Bit:	9 7/8	II .	Date:	12/26/2024				

Тор	Base	Formation		Тор	Base	Formation	
0	2	soil		947	979	shale	
2	39	clay		979	983	lime	
39	45	gravel		983	1014	shale	
45	230	shale		1014	1015	lime	сар
230	253	lime		1015	1017	shale	
253	256	shale		1017	1019	lime	cap
256	280	lime		1019	1024	sand	
280	376	shale		1024		sandy shale	
376	393	lime					
393	405	shale					
405	408	lime					
408	410	shale					
410	411	lime					
411	420	shale					
420	425	lime					
425	447	limy shale					
447	487	lime					
487	496	shale				Float Equipment	
496	506	lime		Qty	Size		
506	520	shale		1	2 7/8	Float Shoe	
520	530	limy shale		1	2 7/8	Aluminum Baffle	set at 1060.25
530	550	shale		3	2 7/8	Centralizers	
550	597	lime		1	2 7/8	Casing clamp	
597	616	shale					
616	633	lime				Sand / Core De	etail
633	635	shale		Core #1:		Core #2:	
635	653	lime		Core #3:		Core #4:	
653	810	shale	Big Shale	1019	1024	good odor. Good b	leed, slightly broken
810	823	lime					
823	833	shale					
833	841	lime					
841	851	shale					
851	854	lime					
854	899	shale					
899	903	lime					
903	946	shale					
946	947	lime					
			Total Depth:	1095			



CEMENT	TRE	ATMEN	T REP							
Cust	omer:	Altavista	a Energ	у	Well:		Sauder #23	Ticket:	EP16137	
City,	State:				County:		CF, KS		Date:	12/23/2024
Field	d Rep:	Bryan M	liller		S-T-R:		14-22-16		Service:	Surface
				1	<u> </u>					
		nformatio			Calculated S					ulated Slurry - Tail
	Size:		in		Blend:	Thixo 1			Blend:	
Hole I Casing	-	7	ft in		Weight:	13.7 pj			Weight:	ppg
Casing I		60			Water / Sx: Yield:	8.9 ga 1.83 ft			Water / Sx: Yield:	gal / sx ft³ / sx
Tubing /			in		Annular Bbls / Ft.:		os / ft.	Annul	ar Bbls / Ft.:	bbs / ft.
	Depth:		ft		Depth:	ft			Depth:	ft
Tool / Pa	acker:				Annular Volume:	0.0 bl	bls	Annı	ılar Volume:	0 bbls
Tool I	Depth:		ft		Excess:				Excess:	
Displace	ment:		bbls		Total Slurry:	bl	ols		Total Slurry:	0.0 bbls
T184E	D.4==	DOL	STAGE		Total Sacks:	S	(Total Sacks:	0 sx
1:00 PM	RATE	PSI	BBLs	BBLs	REMARKS On location, Held safety	, mosting				
1.00 FW			-		On location, Held Salety	y meeting				
				-	Hooked to surface casi	ng and establis	hed circulation			
				-	Mixed and pumped 15 s			on		
				-	followed by 1.5BBL of f	resh water,shu	t in surface casing	with a valve		
				-	Filled backside of pipe	up with 15sks o	of cement			
				-	Washed up equipment					
2:00 PM				-	Left location					
				-						
		CREW			UNIT				SUMMARY	Υ
Cen	nenter:	Garre			957		Average Rate	Average	e Pressure	Total Fluid
Pump Op					209		0.0 bpm	-	psi	- bbls
	ulk #1:				248		- · · · ·	L	<u> </u>	
Bulk #2: Doug G		303								

ftv: 15-2021/01/25 mplv: 477-2024/11/12



CEMENT	TRE	ATMEN	T REPO								
Cust	tomer:	Altavista	a Energ	у	Well:	Sauder #23, #20 Ticket			EP16143		
City,	State:				County:		CF, KS	Date:	12/26/2024		
Fiel	d Rep:	Bryan M	liller		S-T-R:		14-22-16	Service:	LS & surface		
Downhole Information Calculated Slurry - Lead Calculated Slurry							culated Slurry - Tail				
Hole	e Size:	5 5/8	in		Blend:	Thixo 1#PS		Blend:	-		
Hole	Depth	1095	ft		Weight:						
Casing	g Size:	2 78	in		Water / Sx:	8.9 gal / s	5X	Water / Sx:	ppg gal / sx		
Casing	Depth:	1092	ft		Yield:	1.83 ft ³ / s	x	Yield:	ft ³ / sx		
Tubing /	Liner:		in		Annular Bbls / Ft.:	bbs /	ft.	Annular Bbls / Ft.:	bbs / ft.		
1	Depth:		ft		Depth:	ft		Depth:	ft		
Tool / P	acker:	Baf	fle		Annular Volume:	0.0 bbls		Annular Volume:	0 bbls		
Tool	Depth:	1060	ft		Excess:			Excess:			
Displace	ement:	6.1	bbls		Total Slurry:	bbls		Total Slurry:	0.0 bbls		
			STAGE		Total Sacks:	sx		Total Sacks:	0 sx		
TIME	RATE	PSI	BBLs	BBLs	REMARKS						
6:30 PM	l		-	-	On location Held safety n	neeing					
				-							
				-							
	4.0			-	#23	M. C I					
	4.0			-	Established circulation w		allowed by 4 PPL of	froch water			
	4.0	250.0		-	Mixed and pumped 200#		-				
	4.0	230.0			Flushed pump and line cl		it with 1# F3, Ceme	in to surface			
	4.0	250.0		_	Displaced 2 7/8" rubber p		of fresh water				
	1.0	800.0		-	Pressured up well to 800l						
				-	Released pressure to set		•				
	4.0				Washed up equipment an	nd moved					
					#20 Rig set 50' of surface	e pipe					
					Hooked to surface and es	stablished rate					
					Mixed and pumped 25sks	of thixo cement	with 1#PS,				
					Displaced cement with 1.	5 BBL of water, s	nut in casing				
					Washed up equipment						
7:30 PM					Left location						
		CREW			UNIT SUMMARY						
Cer	menter:	Garret	tt S.		248		Average Rate	Average Pressure	Total Fluid		
Pump Op	perator:	Nick E	3		209		3.6 bpm	433 psi	- bbls		
	Bulk #1:	Sam E			110						
E	Bulk #2:	Logan	ı W								

ftv: 15-2021/01/25 mplv: 477-2024/11/12