KOLAR Document ID: 1744153

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:	SecTwpS. R
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:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: 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? Yes No
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)
Committed at Provider	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 #:	Location of fluid disposal if fladied offsite.
GSW Permit #:	Operator Name:
<u> </u>	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
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 rature, 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.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[	Depth	Typo		# Sacks Use		EEZE RECORD	Typo a	ad Paraant Additivas	
Perforate Protect Ca Plug Back	Top	Bottom	Type of Cement		# Sacks Use	,u	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 Gas Lift  Gas Mcf Water				ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease				Dually Comp. Commingled  Submit ACO-5) (Submit ACO-4)			Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (SUDI	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type				Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)		
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	LEONARD A-45
Doc ID	1744153

### 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	25	Portland	8	NA
Production	5.875	2.875	6.5	927	Econobon d	100	See Ticket

# WoCo Drilling LLC 1135 30<sup>th</sup> Rd

Yates Center, Kansas 66783 Steve 620-330-6328 Nick 620-228-2320

Operator License # 34350	0	API # 15-207-29948					
Operator: Altavista Energ	gy, Inc.	Lease: Leonard					
Address: Box 128, Wells	ville, Ks 66092-0128	Well # A-45					
Phone: 785-883-4057		Spud Date: 10/31/2023 11/02/2023		Completed:			
Contractor License: 3390	00	Location: Sec: 18	R: 17e				
T.D. 942	Bite Size: 5.875	2840 FSL	<del></del>				
Surface Pipe Size: 7"	Surface Depth: 25'	3430 FEL					
Kind of Well: Oil		County: Woodson					

**Drilling Log** 

Strata	From	То	Strata	From	То
Soil	0	4	Shale	720	724
Clay	4	13	Lime	724	732
Lime	13	38	Shale	732	736
Shale	38	161	Lime	736	749
Lime	161	258	Shale	749	751
Shale	258	305	Lime	751	756
Lime	305	308	Shale	756	782
Shale	308	337	Lime	782	790
Lime	337	388	Shale	790	792
Shale	388	392	Lime	792	800
Lime	392	400	Shale	800	837
Shale	400	411	Lime	837	839
Lime	411	413	Badly Broken Oil Sand	839	841
Shale	413	423	Oil Sand	841	849
Lime	423	498	Broken Oil Sand	849	851
Shale	498	615	Shale	851	933
Lime	615	620	Broken Sand Some Free Oil	933	942
Shale	620	631			
Lime	631	635	TD 942		
Shale	635	638			
Lime	638	648	Ran 2-7/8" Casing		
Shale	648	654	To 927'		
Oil Sand	654	657			
Broken Oil Sand	657	660	Cemented Surface with		
Shale	660	672	8 Sacks		
Lime	672	676			
Shale	676	717			



CEMENT	TRE	ATMEN	T REPO	ORT									
		Altavista			Well:		Leonard	l, #A-45	Ticket:	EP11214			
City,	State:				County:		Allen	, KS	Date:	11/2/2023			
Field	d Rep:	Brian Mi	iller		S-T-R:				Service:	Longstring			
Dow	nhole i	nformatio	on		Calculated S	Slurry - Lea	d		Cal	culated Slurry - Tail			
	Size:		in		Blend:		ond 1#ps		Blend:	<u>-</u>			
Hole I	Depth:	942	ft		Weight:		ppg		Weight:				
Casing	g Size:	2 7/8	in		Water / Sx:		gal / sx		Water / Sx:				
Casing I	Depth:	927	ft		Yield:		ft <sup>3</sup> / sx		Yield:	ft <sup>3</sup> / sx			
Tubing /	Liner:		in	•	Annular Bbls / Ft.:		bbs / ft.		Annular Bbls / Ft.:	bbs / ft.			
	Depth:		ft	•	Depth:		ft		Depth:	ft			
Tool / Pa	acker:	Baff	fle	•	Annular Volume:	0.0	bbls		Annular Volume:	0 bbls			
Tool I	Depth:	896	ft		Excess:				Excess:				
Displace	ment:	5.1	bbls		Total Slurry:		bbls		Total Slurry:	0.0 bbls			
			STAGE	TOTAL	Total Sacks:		sx		Total Sacks:	0 sx			
TIME	RATE	PSI	BBLs	BBLs	REMARKS								
3:30 PM			-	-	On location, held safet	/ meeting							
				-									
	4.0			-	Established circulation	through 2 7	/8 Casing						
	4.0			-	Mixed and pumped 200								
	4.0			-	Mixed and pumped 100								
	4.0			-				2 7/8" rubber	plug to baffle with 5.1 BB	of fresh water			
	1.0	800.0		-		Landed plug with 800 PSI, well held pressure							
				-		Released pressure to set float valve							
	4.0			-	washed up equipment	washed up equipment							
4.00.414				-	L. fill C								
4:30 AM				-	Left location								
		CREW			UNIT				SUMMAR	Υ			
	nenter:		tt S.		97		Averag	e Rate	Average Pressure	Total Fluid			
Pump Op					209		3.5	bpm	800 psi	- bbls			
	Bulk #1: Bulk #2:				215 110								
- B	2:HA5:74	veiru	_		110		1						

ftv: 15-2021/01/25 mplv: 434-2023/10/18