KOLAR Document ID: 1789648

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: Total Vertical Depth: Plug Back Total Depth: Feet Amount of Surface Pipe Set and Cemented at: Feet						
☐ Gas ☐ DH ☐ EOR							
☐ OG ☐ GSW							
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 III 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	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia reicent 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 Gas	Pumping Mcf	Wate		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	Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled							Bottom		
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At	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-51
Doc ID	1789648

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	22	Portland	8	NA
Production	5.875	2.875	6.5	934	Econobon d	97	See Ticket

WoCo Drilling LLC 1135 30th Rd

Yates Center, Kansas 66783

Steve 620-330-6328

Nick 620-228-2320

Operator License # 3435	0	API # 15-207-29956					
Operator: Altavista Ener	gy, Inc.	Lease: Leonard					
Address: Box 128, Wells	ville, Ks 66092-0128	Well # A-51					
Phone: 785-883-4057		Spud Date: 5/23/2024	oud Date: 5/23/2024 Completed: 5/24/2024				
Contractor License: 3396	00	Location: Sec: 18 TWP: 26s R: 17					
T.D. 944	Bite Size: 5.875	3380 FSL					
Surface Pipe Size: 7"	Surface Depth: 22"	1690 FEL					
Kind of Well: oil		County: Woodson					

Drilling Log

Strata	From	То	Strata	From	То
Soil	0	5	Sandy Shale	666	673
Clay	5	20	Lime	67.3	692
Lime	20	41	Shale	692	725
Shale	41	163	Lime	725	731
Lime	163	198	Shale	731	735
Shale	198	203	Lime	735	750
Lime	203	263	Shale	750	754
Shale	263	339	Lime	754	764
Lime	339	365	Shale	764	796
`Shale	365	370	Lime	796	811
Lime	370	385	Shale	811	815
Shale	385	393	Lime	815	822
Lime	393	406	Shale	822	846
Shale	406	415	Oil Sand	846	848
Lime	415	440	Broken Sand	848	850
Shale	440	447	Oil Sand	850	854
Lime	447	468	Broken Sand	854	856
Shale	468	472	Badly Broken Sand	856	858
Lime	472	497	Sandy Shale	858	862
Shale	497	621	Shale	862	944
Lime	621	625			
Shale	625	641	TD 944	-	
Lime	641	652			
Blue Shale	652	654	Ran 2-7/8" Pipe to 934'		
Blue Shale & Sand	654	656			
Mostly Oil Sand	656	658	Cemented Surface with		
Oil Sand	658	662	8 Sacks		
Broken Oil Sand	662	664			·· <u>···</u>
Badly Brkn Sand	664	666			



CEMENT TREATMENT REPORT											
		Altavista			Well:		Leonard	, #A-51	Ticket	÷	EP13530
City,	State:		County:			WO, KS			Date):	5/24/2024
Field	d Rep:	Brian Miller S-T-R:					18-26	6-17	Service): 	L/S
Dow	nhole I	nformatio	on		Calculated S	Slurry - Lead	d		Ca	lculate	d Slurry - Tail
Hole	Size:		in		Blend:		ond 1# PS		Blend		
Hole I	Depth:	944	ft		Weight:	13.5			Weight		ppg
Casing	Size:	2 7/8	in		Water / Sx:		gal / sx		Water / Sx		gal / sx
Casing I	Depth:	934	ft		Yield:		ft ³ / sx		Yield		ft ³ / sx
Tubing /	Liner:		in		Annular Bbls / Ft.:		bbs / ft.		Annular Bbls / Ft.		bbs / ft.
	Depth:		ft		Depth:		ft		Depth	H	ft
Tool / Pa	acker:	Baff	ile	,	Annular Volume:	0.0	bbls		Annular Volume		0 bbls
Tool I	Depth:	906	ft		Excess:				Excess	37	
Displace	ment:		bbls	,	Total Slurry:		bbls		Total Slurry	4	0.0 bbls
			STAGE	TOTAL	Total Sacks:		sx		Total Sacks		0 sx
TIME	RATE	PSI	BBLs	BBLs	REMARKS						
10:00 AM			-	-	On location, held safety	/ meeting					
				-							
	4.0			-	Hooked to the 2 7/8" ca	sing , Establ	ished circulati	on			
	4.0			-	Mixed and pumed 200#	of bentonite	gel followed b	y 4 BBL of f	resh water		
	4.0			-	Mixed and pumped 97 s	sks of Econo	bond cement	with 1# PS, C	ement to surface		
	4.0			-	Flushed pump and lines clean, displaced 1 2 7/8" with 5.1 BBL of fresh water						
	1.0	800.0		-	Landed rubber plug wit	th 800 PSI, w	ell held pressu	ıre, released	pressure to set float val	ve	
	4.0				Washed up equipment						
				-							
11:00 AM				-	Left location						
				-							
		CREW			UNIT				SUMMA	DV	
-	nenter:						Access	a Data			Cotol Fluid
Cen Pump Op		Garret			97		Average		Average Pressure	+-'	otal Fluid
	erator: sulk #1:	Devin			209		3.5 1	υριιι	800 psi		- bbls
	uik #1: ulk #2:	Drew Dan D			248 110						

ftv: 15-2021/01/25 mplv: 453-2024/05/20