KOLAR Document ID: 1759638

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

Address 1:	OPERATOR: License #	API No.:
Address 2:	Name:	Spot Description:
City:	Address 1:	SecTwpS. R East West
Contact Person:	Address 2:	Feet from North / South Line of Section
Designate Type of Completion: Designate Type of Completion	City: State: Zip: +	Feet from _ East / _ West Line of Section
CONTRACTOR: License #	Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Name:	Phone: ()	□NE □NW □SE □SW
Name:	CONTRACTOR: License #	GPS Location: Lat: . Long:
Designate Type of Completion:	Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)
Purchaser:	Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Designate Type of Completion: New Well		County:
New Well		Lease Name: Well #:
Oil		Field Name:
Gas		Producing Formation:
OG		Elevation: Ground: Kelly Bushing:
GM (Coal Bed Methane)		Total Vertical Depth: Plug Back Total Depth:
Cathodic Other (Core, Expl., etc.): Multiple Stage Cementing Collar Used? Yes No		
If Workover/Re-entry: Old Well Info as follows:		
Operator: Well Name: If Alternate II completion, cement circulated from:		
Well Name: Original Total Depth: feet depth to: w/ sx cmt. Original Comp. Date: Original Total Depth: feet depth to: w/ sx cmt. Deepening	•	
Original Comp. Date: Original Total Depth: Deepening	Operator:	
Deepening Re-perf. Conv. to EOR Conv. to SWD Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Commingled Permit #: Dual Completion Permit #: Dewatering method used: De	Well Name:	feet depth to: w/ sx cmt.
Plug Back Liner Conv. to GSW Conv. to Producer (Data must be collected from the Reserve Pit) Commingled Permit #:	Original Comp. Date: Original Total Depth:	
Commingled Permit #:	☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	
Dual Completion Permit #:	☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Dual Completion Permit #: Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name: License #: License #: Quarter Sec Twp S. R East West	Commingled Parmit #	Chloride content: ppm Fluid volume: bbls
SWD Permit #:		Dewatering method used:
EOR Permit #: Operator Name:		Location of fluid disposal if hauled offsite:
GSW		Econion of haid disposal in fladied choice.
Spud Date or Date Reached TD Completion Date or Quarter Sec. Twp. S. R. East West		Operator Name:
Spud Date or Date Reached TD Completion Date or ———————————————————————————————————	<u> </u>	Lease Name: License #:
	Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
	- P	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: 1759638

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				EEZE RECORD	Typo a	ad Paraant Additivas	
Perforate Protect Ca Plug Back	Top	Bottom	туре	e of Cement # Sacks Used 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 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	Sold Use	d on Lease		Open Hole				nmingled	Тор	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,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	MARJORIE CROTTS I-15
Doc ID	1759638

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	20	See Ticket
Production	5.875	2.875	6.5	1091	Thixo	115	See Ticket



Mound City, KS 620.224.7406

		We	ell#						Casi	ng	
	Α	ltavisat	a Ener	gy				Surface			Longstring
		rjorie (Size:	7 '	,	Size:	2 7/8 "
		•					Tally:	50.0 '		Tally:	1091.4 '
API #:	15-031	L-24688	S-T-R:	14-22S-16E			Cement:		SX	Bit:	5 7/8 "
County		ffey	Date:				Bit:	9 7/8 '		Date:	1/5/2024
Тор	Base	Form	ation	•		Тор	Base	Forma	ation		
0	2	soil	ation			ТОР	Dase	101111			
2	25	clay									
25	41	Sand& g	ravel								
41	196	shale	,								
196	292	lime		Making water at 2	'00'						
292	359	shale		manning tracer at a							
359	369	lime									
369	373	shale									
373	378	lime									
378	414	shale									
414	475	lime									
475	513	shale									
513	515	lime									
515	540	shale									
540	590	lime									
590	597	shale									
597	643	lime									
643	821	shale						Float Equi	pment		
821	829	lime				Qty	Size				
829	890	shale				1	2 7/8	Float Shoe			
890	900	lime				1	2 7/8	Aluminur	n Baffle	se	t at 1059.35
900	914	shale				3	2 7/8	Centralize	rs		
914	918	lime				1	2 7/8	Casing cla	mp		
918	934	shale									
934	937	lime						Sand /	Core De	tail	
937	959	shale				Core #1:		(Core #2:		
959	961	lime				Core #3:		(Core #4:		
961	1008	shale				1009	1014	Good odo	r, good b	leed, slig	htly lamieated, mos
1008	1009	lime									·
1009	1016	sand				1014	1016	good odoi	heavy bl	leed solic	d sand
1016		sandy sł	nale						<u> </u>		
		,									
				Total Depth:	10	096					



CEMENT	TRE	ATMEN	r REPO	ORT					
		Altavista			Well:	Marjorie Crot	ts #I-14, #I-15	Ticket:	EP11918
City,	State:				County:	CF,		Date:	1/3/2024
Field	d Rep:	Bryan M	iller		S-T-R:			Service:	LS
Down	nhole l	nformatio	n		Calculated Sit	ırry - Lead		Calc	ulated Slurry - Tail
Hole	Size:	5 5/8	in		Blend:	Thixo 1#PS		Blend:	
Hole [Depth:	1092	ft		Weight:	13.7 ppg		Weight:	ppg
Casing	Size:	2 78	in		Water / Sx:	8.9 gal / sx		Water / Sx:	gal / sx
Casing [Depth:	1088	ft		Yield:	1.83 ft ³ / sx		Yield:	ft ³ / sx
Tubing /	Liner:		in		Annular Bbls / Ft.:	bbs / ft.	An	nular Bbls / Ft.:	bbs / ft.
	Depth:		ft		Depth:	ft		Depth:	ft
Tool / Pa	acker:	Bafi	fle		Annular Volume:	0.0 bbis	А	nnular Volume:	0 bbls
Tool [1059			Excess:			Excess:	
Displace	ment:	6.1	bbis		Total Slurry:	bbls		Total Slurry:	0.0 bbls
TIME	DATE	net —	STAGE		Total Sacks:	SX		Total Sacks:	0 sx
TIME	RATE	PSI	BBLs	BBLs	REMARKS	naning	-80		
11:00 AM					On location Held safety n	ieeifig			
			-		Waited for rig to run casi				
				- :	Waited for rig to run cash	ng .	-		
1:00 PM	40				# I-14 Establish circulation	an .			
	4.0				Mixed and pumped 200#		d by 4 BBL of fresh w	ater	
	4.0	250.0			Mixed and pumped 110 s				
	4.0				Flushed pump and line cl				
	4.0	250.0			Displaced 2 7/8" rubber p		er with 6.1 BBL of fre	sh water	
	1.0	800.0			Pressured up well to 800	PSI and shut in, well hel	d pressure		
					Released pressure to set	float valve			
2:00 PM	4.0				Washed up equipment ar	nd moved			
ř.					100				
		- 2			#I-15 Rig set 50' of surface	ce pipe		<u> </u>	
					Hooked to surface and es	stablished rate			
					Mixed and pumped 20sks	of thixo cement with 1#	PS, Cement to surface	:e	
		11			Displaced cement with 1.	5 BBL of water, shut in	casing		
					Washed up equipment				
	- 9/41								
4:30 PM					Left location				
	1 7								
	T								
[] [] [] []	The second				Z				
		CREW			UNIT			SUMMAR	Υ
Cer	nenter:	Garre	_		97	Averag	je Rate Ave	rage Pressure	Total Fluid
Pump Op		Nick E			209			433 psi	- bbls
	sulk #1:	Drew			248	5.0	,		
	sulk #1:				110				



1-111-111		A-111-111	<u> </u>									
		ATMENT										
Cust	omer:	Altavista	Energy	у	Well:	Well: Marjorie Crotts #I-15, #I-13 Ticket:						
City,	State:				County:	CF	Date:	1/5/2024				
Field	d Rep:	Bryan M	an Miller S-T-R: Service: LS									
Dow	nhole I	nformatio	n		Calculated Sig	ırry - Lead		Calc	ılated Slurry - Tail			
Hole	e Size:	5 5/8	in		Blend:	Thixo 1#PS		Blend:				
Hole [Depth:	1094	ft		Weight:	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 ³ / 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 Mixed and pumped 115 sl							
	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		· • • • • • • • • • • • • • • • • • • •	po .				
	Bulk #2:	Trevor			110							

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