KOLAR Document ID: 1839616

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:	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.xxxxxx)
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? 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	Duilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled Permit #:	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 #:	Essential of fluid disposal if fluided 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	Countv: 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	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Jacks Used		- Type and Forcent Addition			
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 Perforation Perforation Bridge Plug Bridge Plug Acid, Fracture, Shot, Cementing Squeeze Record Set At (Amount and 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-33							
Doc ID	1839616							

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	15	42	Thixo	15	See ticket
Production	5.875	2.875	6.5	1098	Thixo	95	See ticket



Mound City, KS 620.224.7406

Well #							Casing				
	A	ltavist	a Energ	gy				Surface Longstring			
	Ma	rjorie C	rotts #	1-33			Size:	7	II .	Size:	2 7/8 "
							Tally:	42.0	1	Tally:	1098.4 '
API #:	031-	24693	S-T-R:	14-22S-16E			Cement:	HSI	sx	Bit:	5 7/8 "
County:	County: Coffey Date: 1/14/20						Bit:	9 7/8	II .	Date:	1/15/2025
Top Base Formation						Тор	Base	Forn	nation		
0	2	soil				1022	1037	sand			
2	30	clay				1037		shale			
30	35	gravel									
35	196	shale									
196	198	sandy sł	nale								
198	225	shale									
225	274	lime									
274	361	shale									
361	377	lime									
377	384	shale									
384	392	lime									
392	427	shale									
427	500	lime									
500	527	shale									
527	543	lime									
543	545	shale									
545	596	lime									
596	607	shale						Float Eq	uipment		
607	630	lime				Qty	Size				
630	634	shale				1	2 7/8	Float Sho			
634	653	lime				1	2 7/8		um Baffle	se ⁻	t at 1070.55
653	655	shale				3	2 7/8	Centraliz			
655	659	lime				1	2 //8	Casing cl	amp		
659	812	shale		big shale				Canal	/ Carra Da		
812	815	lime				C #4.		Sand	/ Core De	etaii	
815	819	shale				Core #1:			Core #2:		
819	823	lime				Core #3:	1025		Core #4:	1.	
823	832	shale				1022	1025	good od	or, godd bl	eed in sa	mples, broken
832	841	lime				1025	1021			امسط امما	
841 897	897 903	shale lime				1025	1031	good od	or, good bl	eeu, prol	(eii
						1021	1024	cliabt od	ar brakan	sand w	school out?
903	969 972	shale lime				1031	1034	slight 00	or, broken	sailu, Wa	ished out?
972	1016	shale				1034	1037	blk sand			
1016	1016	lime		can		1034	1037	טווג אונע			
1016	1017	shale		сар							
1017	1021	lime		cap							
1021	1022	iiiiie			11	06	1				
				Total Depth:	11	.06					



CEMENT	TRE	ATMEN	T REPO									
Cus	tomer:	Altavista	a Energ	у	Well:	Marjor	-33 Ticket:	EP16236				
	State:				County:	a.joi	CF, KS	Date:	1/14/2025			
Fiel	eld Rep: Bryan Miller S-T-R: 14-22-16 Service: LS &								LS & Surface			
				i				•				
									culated Slurry - Tail			
	e Size:	5 5/8			Blend:	Thixo 1#P	S	Blend:				
	Depth	1116			Weight:	13.7 ppg		Weight:	ppg			
	g Size:		in	,	Water / Sx:	8.9 gal /		Water / Sx:	gal / sx			
Casing		1111		•	Yield:	1.83 ft ³ /		Yield:	ft ³ / sx			
Tubing /			in		Annular Bbls / Ft.:	bbs	/ ft.	Annular Bbls / Ft.:	bbs / ft.			
Tool / P	Depth:	Baf	ft		Depth:	ft		Depth:	ft			
				,	Annular Volume:	0.0 bbls		Annular Volume:	0 bbls			
Displace	Depth:	1078	bbls		Excess:	•••		Excess:	0.0 htt-			
ызрасс	21114H	0.2	STAGE	TOTAL	Total Slurry: Total Sacks:	bbls		Total Slurry: Total Sacks:	0.0 bbls 0 sx			
TIME	RATE	PSI	BBLs	BBLs	REMARKS	sx		Total Sacks:	U SX			
9:00 AM	1			_	On location Held safety n	neeina						
				-								
					#1-34							
	4.0			-	Established circulation w	vith fresh water						
	4.0				Mixed and pumped 200#	of bentonite gel	followed by 4 BBL of	f fresh water				
	4.0			-	Mixed and pumped 100 s	ks of Thixo cem	ent with 1# PS, Ceme	ent to surface				
	4.0			-	Flushed pump and line cl	lean						
	4.0			-	Displaced 2 7/8" rubber p	olug with 6.2 BB	of fresh water					
	1.0			-	Pressured up well to 800	PSI and shut in,	well held pressure					
				-	Released pressure to set	float valve						
	4.0				Washed up equipment ar	nd moved						
					#I-33 Rig set surface p							
	-				Hooked to surface and es							
	 				Mixed and pumped 15sks							
	+				Displaced cement with 1.	5 BBL of water,	snut in casing					
	+				Washed up equipment							
11:00 AM					Left location							
11.00 AW	1		<u> </u>		Leit iocation							
		CREW			UNIT		SUMMARY					
Cei	menter:	Garre	tt S.		957		Average Rate	Average Pressure	Total Fluid			
Pump Op	perator:	Nick E	3		209		3.6 bpm	- psi	- bbls			
	Bulk #1:	Drew			248							
E	Bulk #2: Doug G 303											

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



CEMENT	TRE	ATMEN	T REP										
		Altavista			Well:	Ma	arjorie Crotts #I-33, #	EP16287					
	State:				County:		CF, KS	I-32 Ticket:	1/16/2025				
Field	d Rep:	Bryan M	liller		S-T-R:		14-22-16	Service:	LS & Surface				
				1			_						
Dow	nhole I	nformatio	on		Calculated S	lurry - Lea	d	Calculated Slurry - Tail					
	e Size:			,	Blend:	Thixo	1#PS	Blend:					
Hole I		1106			Weight:	13.7	ppg	Weight:					
	g Size:	2 78 1098	in		Water / Sx:		gal / sx	Water / Sx:	<u> </u>				
Casing I Tubing /		1098	in		Yield:	1.83	ft ³ / sx	Yield:	ft ³ / sx				
	Depth:		ft	·	Annular Bbls / Ft.: Depth:		bbs / ft.	Annular Bbls / Ft.: Depth:					
Tool / Pa		Baf			Annular Volume:	0.0	bbls	Annular Volume:					
Tool I	Depth:	1069	ft		Excess:			Excess:					
Displace	ement:	6.2	bbls		Total Slurry:		bbls	Total Slurry:	0.0 bbls				
			STAGE	TOTAL	Total Sacks:		sx	Total Sacks:	0 sx				
TIME	RATE	PSI	BBLs	BBLs	REMARKS		•						
9:00 AM			-	-	On location Held safety	meeing							
				-									
				-									
	4.0			-	#I-33	with freeh w	·oto-						
	4.0				Established circulation		te gel followed by 4 BBL o	of fresh water					
	4.0						cement with 1# PS, Ceme						
	4.0			-	Flushed pump and line								
	4.0			-	Displaced 2 7/8" rubber	plug with 6	2 BBL of fresh water						
	1.0			-	Pressured up well to 80	0PSI and sh	ut in, well held pressure						
				-	Released pressure to se	et float valve)						
	4.0				Washed up equipment a	and moved							
					#I-32 Rig set surface p								
					Hooked to surface and o								
					Mixed and pumped 15sl Displaced cement with								
					Washed up equipment		.a.c., onat in casing						
					a a paragraphic								
11:00 AM					Left location								
		CREW			UNIT	SUMMARY							
Cen	menter:	Garret			957		Average Rate	Average Pressure	Total Fluid				
Pump Op		Nick E			209		3.6 bpm	- psi	- bbls				
	Bulk #1:	Drew			248		·	ap Poi - MNIO					
В	Bulk #2:	Doug	G		303								

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