KOLAR Document ID: 1759600

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
Contact Person:	_ Footages Calculated from Nearest Outside Section Corner:
Phone: ()	_ NE NW SE SW
CONTRACTOR: License #	
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	
Purchaser:	
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:
	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 Produce	(Data must be collected from the Reserve Pit)
Commission Powert #	Chloride content:ppm Fluid volume:bbls
☐ Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
EOR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R ☐ East ☐ West
Recompletion Date 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 Name:			Well #:		
Sec Twp.	S. R.	Ea	ast West	County:					
	flowing and shu	ıt-in pressures, w	hether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,	
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	. Digital electronic log	
Drill Stem Tests Ta			Yes No		_	on (Top), Depth ar		Sample	
Samples Sent to G	Geological Surv	ey	Yes No	Na	me		Тор	Datum	
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No						
		R			New Used	on, etc.			
Purpose of Strir		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	I			
Purpose:		epth Ty	pe of Cement	# Sacks Used	Type and Percent Additives				
Protect Casi									
Plug Off Zon									
 Did you perform a Does the volume o Was the hydraulic 	of the total base f	luid of the hydraulic	fracturing treatment	_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three (,	
Date of first Producti Injection:	ion/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity	
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			N INTERVAL: Bottom	
	_	on Lease	Open Hole			mmingled mit ACO-4)	Тор	Bottom	
,	, Submit ACO-18.)				· · · · · · · · · · · · · · · · · · ·				
Shots Per Foot	Shots Per Perforation Perforation Bridge Plug Bridge Plug Acid, Fracture, Shot, Cementing Squeeze Record Foot Top Bottom Type Set At (Amount and Kind of Material Used)							Record	
TUBING RECORD:	Size:	Set /	At:	Packer At:					
. 5213 (1200) 10.	JIEG.			. 30.0.71					

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	MARJORIE CROTTS I-14
Doc ID	1759600

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9.875	7	18	51	Thixo	45	See Ticket
Production	5.875	2.875	6.5	1088	Thixo	110	See Ticket



Mound City, KS 620.224.7406

Well #							Casing				
	A	ltavista	a Energ	S y				Surface			ongstring.
	Ma	arjorie (Crotts I	14			Size:	7	"	Size:	2 7/8 "
							Tally:	51.0	1	Tally:	1088.3 '
API #:	15-03	L-24687	S-T-R:	14-22S-16E			Cement:	HSI	sx	Bit:	5 7/8 "
County:	Co	ffey	Date:	12/14/2023			Bit:	9 7/8	"	Date:	1/3/2024
Тор	Base	Form	ation			Тор	Base	Form	ation		
0	2	soil									
2	27	clay									
27	34	sand & g	gravel								
34	47	clay& gr	avel								
47	219	shale									
219	297	lime									
297	360	shale									
360	371	lime									
371	383	shale									
383	386	lime									
386	418	shale									
418	477	lime									
477	516	shale									
516	519	lime									
519	531	shale									
531	592	lime									
592	600	shale									
600	646	lime				0.	C:	Float Equ	ipment		
646	824	shale				Qty	Size	FI . CI			
824	845	lime				1	2 7/8	Float Sho			+ -+ 1050 0
845	891	shale				1	2 7/8	Aluminu		se	t at 1059.8
891 901	901 917	lime shale				3	27/8	Centralize			
917	917	lime					2 7/8	Casing cla	ımp		
921	939	shale						Sand	Core De	tail	
939	941	lime				Core #1:			Core #2:	Lan	
941	961	shale				Core #3:			Core #4:		
961	964	lime				1011	1012	good odo		ed lamiae	eted
964	1010	shale						8554 546	., 5.00	,	
1010	1011	lime				1012	1022	good odo	r, good bl	eed, sligh	itly lamieated, mos
1011	1022	sand								, <u>J</u>	, , ,
1022	1033	sandy sh	nale								
1033		shale						MD Inven	itory:		
							1 Latch down baffle & plug				
							steel pit				
								1- 7" weld	d collar		
				Total Depth:	10	094					



CEMENT '	TRE/	ATMEN	T REDI	ORT									
		Altavista			Well:								
		Allavista	a Energ	У		Marjorie Crotts, #I-14 Ticket: EP11752							
City, S					County:		CF, KS	3	Date:	12/14/2023			
Field	Rep:				S-T-R:				Service:	Surface			
Down	hole l	nformatio	on	I	Calculated S	Slurry - Lea	lurry - Lead Calculated Slurry - Tail						
Hole			in		Blend:		1# PS		Blend:	matou ciuriy Tun			
Hole Do	epth:	51	ft	†	Weight:		7 ppg		Weight:	ppg			
Casing	Size:	6	in		Water / Sx:	8.9	gal / sx		Water / Sx:	gal / sx			
Casing Do	-	51	ft		Yield:	1.83	B ft ³ / sx		Yield:	ft ³ / sx			
Tubing / L	iner:		in		Annular Bbls / Ft.:		bbs / ft.		Annular Bbls / Ft.:	bbs / ft.			
	epth:		ft		Depth:		ft		Depth:	ft			
Tool / Pad					Annular Volume:	0.0	bbls		Annular Volume:	0 bbls			
Tool Do	-		ft		Excess:				Excess:				
Displacen	nent:		bbls	TOTAL	Total Source		bbls		Total Sturry:	0.0 bbls			
TIME F	RATE	PSI	STAGE BBLs	TOTAL BBLs	Total Sacks: REMARKS		SX		Total Sacks:	0 sx			
1:15 PM				-	On location, held safet	y meeting							
				-									
				-	Hooked to surface casi	ing and estal	blished circulatio	n					
				-	Mixed and pumped 45	sks of Thixo	Cement with 1# F	rs					
				-	Displaced wit 1BBL of fresh water								
				-	Shut in valve on casing								
				-	Washed up equipment								
2:00 PM				-	Left location								
				-									
				_									
		CREW			UNIT				SUMMAR				
	enter:	Garre			97		Average R		Average Pressure	Total Fluid			
Pump Ope		Nick E			209		0.0 bpi	m	- psi	- bbls			
	Bulk #1: Trevor G Bulk #2: Keith D				248 110								

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



CEMENT	TRE	ATMEN	r REPO	ORT									
		Altavista			Well:	Marjorie Crot	ts #I-14, #I-15	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	Slurry - Lead Calculated Slurry - Tail							
Hole	Size:	5 5/8	in		Blend:	Thixo 1#PS	Blend:	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	0.0 bbis An		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	-0.0						
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											
	4.0				Mixed and pumped 110 sks of Thixo cement with 1# PS, Cement to surface Flushed pump and line clean								
	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	00PSI and shut in, well held 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				
					248	5.0	,						
Bulk #1: Drew B Bulk #2: Trevor g					110								