# KOLAR Document ID: 1803041

Confiden	tiality Re	quested:
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 Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	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?
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)
	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 #:	
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	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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Operator Name:	Lease Name:	Well #:
Sec TwpS. R East 🗌 West	County:	

Page Two

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Take			Y	⁄es 🗌 No		<u> </u>	.og	Formatio	n (Top), Dep	th and Datum	Sample
(Attach Additional Samples Sent to Ge				⁄es 🗌 No		Nam	е			Тор	Datum
Cores Taken Electric Log Run Geologist Report / N List All E. Logs Run:	/lud Logs	vey	Y    Y	Yes ☐ No Yes ☐ No Yes ☐ No							
			Rep	CASING ort all strings set-o	RECORD	Ne		Used	on, etc.		
Purpose of String		e Hole rilled	Si	ze Casing et (In O.D.)	Weig Lbs. /	ht	Se	etting epth	Type of Cement	# Sacks Used	Type and Percent Additives
	I	I		ADDITIONAL	. CEMENTIN	IG / SQL	JEEZE F	RECORD			1
Purpose: Perforate		epth Bottom	Туре	Type of Cement # Sacks		Used	ed Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone	]										
1 dg 0.1 2010											
<ol> <li>Did you perform a hy</li> <li>Does the volume of</li> <li>Was the hydraulic fra</li> </ol>	the total base	fluid of the hy	/draulic fr	acturing treatment		-		Yes Yes Yes	No (If No	o, skip questions 2 ar o, skip question 3) o, fill out Page Three	
Date of first Production Injection:	n/Injection or F	Resumed Proc	duction/	Producing Meth	nod:	g 🗌	Gas Lift	0	ther <i>(Explain)</i> _		
Estimated Production Per 24 Hours		Oil Bl	bls.	Gas	Mcf	Wat	er	Bb	ols.	Gas-Oil Ratio	Gravity
DISPOSIT	TION OF GAS	:		Ν	IETHOD OF	COMPLE	ETION:			PRODUCTIC Top	DN INTERVAL: Bottom
Vented So	old Used	d on Lease )		Open Hole	Perf.		v Comp. t ACO-5)		nmingled nit ACO-4)	ΤΟΡ	
Shots Per Foot	Perforation Top	Perforati Botton		Bridge Plug Type	Bridge Plue Set At	g		Acid,		, Cementing Squeeze <i>Kind of Material Used)</i>	
	0:		0		Da alva At						
TUBING RECORD:	Size:		Set At:		Packer At:						

#### Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion			
Operator	Altavista Energy, Inc.			
Well Name	ROBERTA A-1			
Doc ID	1803041			

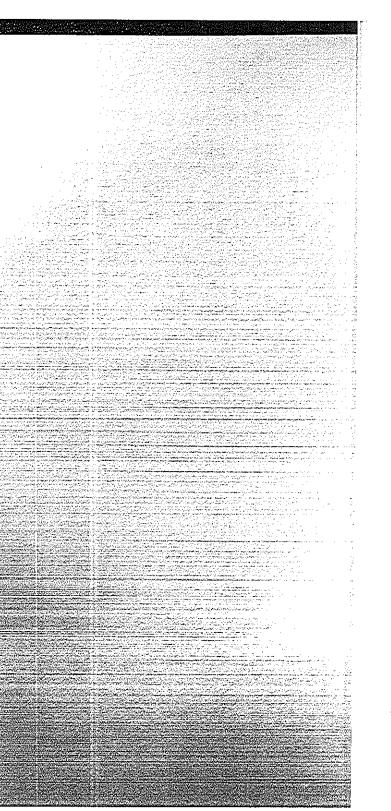
# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	15	21	Portland	3	NA
Production	5.625	2.875	6.5	479	Econobon d	61	See Ticket

Miami County, KS Well: A-1 Lease Owner: Roberta

### WELL LOG

Thickness of Strata	Formation	Total Depth
0-4	Soil/Clay	4
10	Lime	14
24	Shale	38
4	Lime	42
41	Hale	83
13	Lime	97
10	Shale	107
11	Lime	118
2	Shale	120
17	Lime	137
6	Shale	143
24	Lime	167
4	Shale	171
12	Lime/Hertha	183
165	Shale	348
15	Lime	363
3	Shale	366
7	Sand/Very Slight oil Show	373
11	SandyShale	384
25	Shale	409
9	Lime	418
11	Shale	429
4	Lime	433
16	Shale	449
11	Lime	460
16	Shale	476
3	Lime	479
4	Shale	483
7	Lime/Slight Oil Show	490
7	Shale	497
1	Sand/Odor/Little Oil Show	498
7	Sand/Broken/Good Oil Show	505
3	Sand/Broken/Ok Oil Show	508
29	Sandy Shale	537
59	Shale	596
2	Lime	598
2	Shale/TD	600



# **Short Cuts**

TANK CAPACITY

BBLS. (42 gal.) equals D<sup>2</sup>x.14xh D equals diameter in feet. h equals height in feet.

BARRELS PER DAY Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004 BPH - barrels per hour PSI - pounds square inch

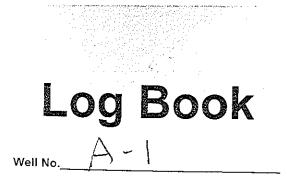
TO FIGURE PUMP DRIVES \* D - Diameter of Pump Sheave \* d - Diameter of Engine Sheave SPM - Strokes per minute RPM - Engine Speed R - Gear Box Ratio

\*C - Shaft Center Distance

D - RPMxd over SPMxR d - SPMxRxD over RPM SPM - RPMXD over RxD R - RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) + (D-d)<sup>2</sup> 4C

\* Need these to figure belt length WATTS = AMPS TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP



Farm Roberta

KS Miani (State) (County) 13 18 21 (Section) (Township) (Range)

For Altavista Energy (Well Owner)

Town Oilfield Services, Inc. 1207 N. 1st East

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Louisburg, KS 66053 913-710-5400

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	Elevation 593 Pt.	71-10	In.	Feet	In.
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	Driller's Name <u>ICyan Our 2</u>			 	
	Driller's Name			• •	
	Driller's Name				_
	Tool Dresser's Name Northan Scanar				
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#### SUREMENTS

Feet

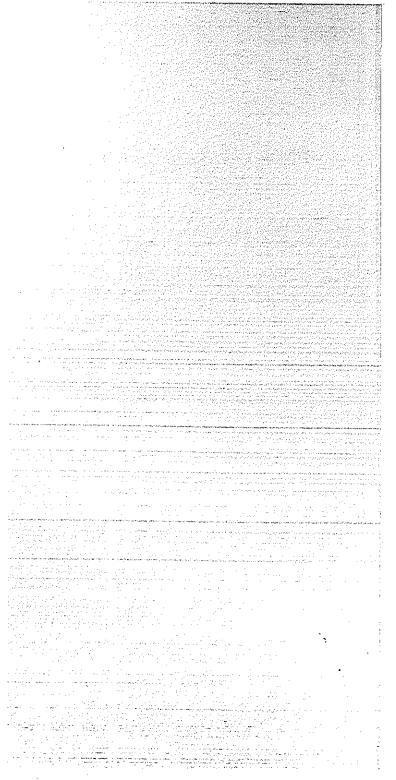
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Strata	• Formation	Total Depth	Remarks
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10	Cime	14	
24	Shek	38	. تى
4	Lime	42	~~
41	Shale	83	۵
13	Line	97	
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2	Shale	120	
17	Line	137	
G	Shale '	143	
24	Line	167	
4	Shale	171	
12	Lime	183	Hertha
165	Shale	348	
15	Lime	363	
3	Shale	366	
7	Sand	373	Very Slight Oil Show
11	Jandy Shule	384	
25	Shale	409	· · · · · · · · · · · · · · · · · · ·
G	Line	418	
(1	Shale	429	
4	Line	433	
16	Line Shale Line Shale Line	449	
11	Lime	466	
16	Shale	460 476 479	
3	Cine	479	
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hickness of Strata	Formation	Total Depth	Remarks
4	Shale	483	
7	Line	490	Slight oil show
7	Shak	497	
1	Sand	498	Odor. Little oil show
7	Sand	505	Broken. Good oil show
3	Sund	508	Broken, OK Oil show
29	Sandy Shak		
59	Shale	596	
2	Lime	598	
2	Shale	600	T.D.
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CEMENT	TRE	ATMEN	T REP	ORT							
Customer Altavista Energy					Well:	Roberta A-1			Ticket:	EP13901	
City, State: Wellsville, KS					County:	MI, KS			Date:	6/24/2024	
Field Rep: Doug Evans			S-T-R:	13-18-21			Service:	Longstring			
		Doug L					10 10 1			201.90111.9	
Downhole Information					Calculated Slurry - Lead				Calculated Slurry - Tail		
Hole Size: 5 5/8 in			Blend:	Econobond 1# PS			Blend:				
	Hole Depth: 600 ft				Weight:	13.61	ppg		Weight:	ppg	
	Casing Size: 2 7/8				Water / Sx:		gal / sk		Water / Sx:	gal / sk	
Casing Depth: 479.2 ft Tubing / Liner: in		-		Yield:	1.56	ft <sup>3</sup> / sk		Yield:	ft <sup>3</sup> / sk		
Depth:		ft			Annular Bbls / Ft.: Depth:		bbs / ft. ft		Annular Bbls / Ft.: Depth:	bbs / ft. ft	
Tool / Packer:		sand			Annular Volume:		bbls		Annular Volume:	0 bbls	
Tool Depth:		480.00 ft			Excess:				Excess:		
Displacement:		2.50 bbls			Total Slurry:	16.95	bbls		Total Slurry:	0.0 bbls	
			STAGE	TOTAL	<b>Total Sacks:</b>	61	sks		Total Sacks:	0 sks	
TIME	RATE	PSI	BBLs	BBLs	REMARKS						
40.00 PM			-	-	6/21/2024						
12:30 PM		- on location, held safety meeting     - rig had all but one joint of casing in hole (well was flowing)									
								•,			
	- customer decided to pull casing and sand back OH to 480'     - pump truck and 80 Vac left location										
	- rig crew dumped 2250# sand to plug back OH, shut in casing										
4:00 PM											
				- 6/24/2024							
10:30 AM			- on location, held safety meeting								
			- ran wireline to check sand back depth, tagged sand at 456'      - rig ran casing in well (still flowing)								
	- washed last two joints down										
- mixed and pumped 100# Bentonite Gel, circulated to surface											
- rig landed casing and welded head on											
- established circulation											
- mixed and pumped 100# Bentonite Gel followed by 4 bbls fresh water											
-       mixed and pump 61 sks Econobond cement w/ 1# PS per sk, cement to surface         -       flushed pump clean         -       displaced cement w/ 2.5 bbls fresh water, shut in casing & annulus         -       washed up equipment											
				-							
1:30 PM				-	left location						
				-							
				-							
				-							
		CREW			UNIT				SUMMAR		
Cementer:					931		Average F		Average Pressure	Total Fluid	
Pump Operator: Bulk:					239 248		0.0 bp	111	- psi	- bbls	
	H2O:	Doug Gipson			124						