KOLAR Document ID: 1427737

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:	SecTwpS. R
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:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW	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 Producer	(Data must be collected from the Reserve Pit)
Committed at Provider	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 #:	Location of fluid disposal if fladied offsite.
GSW Permit #:	Operator Name:
<u> </u>	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. 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:

KOLAR Document ID: 1427737

#### Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether 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	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	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					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a     Does the volume     Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	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:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	STRAHM WEST AI-33
Doc ID	1427737

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	12.25	7	24	40	Portland	12	NA
Production	5.875	2.875	6.5	1103	50/50 Poz	126	See Ticket

### **DRILLERS LOG**

							_				
API NO:	15 - 207 - 2967	6 - 00 - 00					[5	S. 11	T. 24	R. 16	<u>E.</u>
OPERATOR:	ALTAVISTA EN	IERGY INC		_				L	OCATION:	NW SE	NE NW
									COUNTY:	WOODS	ON
ADDRESS:	4595 K-33 HWY	, P.O. BOX 128,	WELLSVII	LE, KS 660	092		1		ELEV. GR.:	1065	
							·		DF:		KB
WELL #:	AI - 33	LEAS	SE NAME:	STRAHM	WEST					·	
							_				
FOOTAGE LOC	ATION: 44	70 FEET	FROM	(N)	<u>(S)</u>	LINE	3170	FEET	FROM	<u>(E)</u>	(W
									20112 5		

GEOLOGIST: DOUG EVANS CONTRACTOR: FINNEY DRILLING COMPANY

P.B.T.D. SPUD DATE: 9/4/2018 TOTAL DEPTH: 1111

DATE COMPLETED: OIL PURCHASER: COFFEYVILLE RESOURCES CRUDE TRANSPORTATION 9/12/2018

## **CASING RECORD**

#### REPORT OF ALL STRINGS - SURFACE, INTERMEDIATE, PRODUCTION, ETC.

PURPOSE OF STRING	SIZE HOLE DRILLED	SIZE CASING SET (in O.D.)	WEIGHT LBS/FT	SETTING DEPTH	TYPE CEMENT	SACKS	TYPE AND % ADDITIVES
SURFACE:	12.2500	7	24	40	l l	12	MIXED BY RIG
PRODUCTION:	5.8750	2.8750	6.5	1102.8	70-30	136	SERVICE COMPANY

## **WELL LOG**

RAN: 1-FLOAT SHOE CORES: # NONE

**RECOVERED: ACTUAL CORING TIME:** 

1 - CLAMP 3 - CENTRALIZERS

1 - BAFFLE

W.

LINE

KB:

(W)

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	8
LIME	8	10
SHALE	10	152

TOP SOIL	0	3
CLAY	3	8
LIME	8	10
SHALE	10	152
LIME	152	192
SHALE	192	199
LIME	199	215
SHALE	215	230
LIME	230	313
SHALE	313	318
LIME	318	350
SHALE & LIME	350	357
LIME	357	383
SHALE	383	391
SHALE & LIME	391	396
LIME	396	442
SHALE	442	452
LIME	452	459
SHALE	459	471
SHALE & LIME	471	475
LIME	475	478
SHALE & SAND	478	491
SHALE	491	505
KC LIME	505	576
SHALE	576	582
KC LIME	582	583
SHALE	583	584
KC LIME	584	606
SHALE	606	610
KC LIME	610	628
SHALE	628	632
LIME	632	635
BIG SHALE	635	798
LIME	798	804
SHALE	804	822
LIME	822	833
SHALE	833	861
SAND	861	868
SAND & SHALE	868	896
LIME	896	898
SHALE	898	903
	1	

FORMATION	TOP	вотто	VI .
LIME	903	906	1
SHALE	906	907	1
LIME	907	913	
SHALE	913	925	1
LIME	925	929	1
SAND & SHALE	929	943	1
LIME	943	951	
SHALE	951	963	
LIME	963	968	]
SHALE	968	978	
LIME	978	981	
SHALE	981	985	
SAND	985	994	LIGHT SHOW
SAND & SHALE	994	1018	
CAP ROCK	1018	1019	
LIME & SAND & SHALE	1019	1022	NO SHOW
SAND	1022	1025	GOOD OIL SHOW
SAND & SHALE	1025	1028	GOOD OIL SHOW
SAND & SHALE	1028	1031	GOOD OIL SHOW
SAND & SHALE	1031	1033	NO SHOW
SAND & SHALE	1033	1072	
LIME	1072	1074	
SHALE	1074	1111 T.D.	
		<u> </u>	
	_		
_			
		***	
	-		
	L		l



#### REMIT TO

MAIN OFFICE

P.O.Box884 Chanute, KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012

QES Pressure Pumping LLC Dept:970 P.O.Box 4346 Houston, TX 77210-4346

> 814117 Invoice#

Invoice Date: 09/18/18

Invoice

\_\_\_\_\_\_ Terms:

Net 30

Page

Amount Due 5,284.37 If paid after 10/18/18

101.24

2,906.41

Tax:

Total:

ALTAVISTA ENERGY INC

**PO BOX 128** 

WELLSVILLE KS 66092

USA

7858834057

STRAHM WEST AI-33

==========		===========		========	=========
Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	45.000	825.00
CE0002	Equipment Mileage Charge - Heavy Equipment	40.000	7.1500	45.000	157.30
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	45.000	363.00
WE0853	80 BBL Vacuum Truck (Cement Services)	2.000	100.0000	45.000	110.00
CC5840	Poz-Blend I A (50:50)	126.000	13.5000	45.000	935.55
CC5965	Bentonite	211.000	0.3000	45.000	34.82
CC5326	Sodium Chloride, Salt	300.000	1.0000	45.000	165.00
CC6077	Kolseal	630.000	0.5000	45.000	173.25
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	45.000	24.75
CC5965	Bentonite	100.000	0.3000	45.000	16.50
				Subtotal	5,100.30
			Discounte	ed Amount	2,295.14
			SubTotal After	r Discount	2,805.16

\_\_\_\_\_\_\_





ticket number 55434

LOCATION OTTAWA, KS

FOREMAN Brad Butter

PRESSURE PUMPING LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

# FIELD TICKET & TREATMENT REPORT CEMENT

Invaic#814117

DATE			ALABAT O AUGUAD	ED	OFOTION	TOMMINGHED	DANIOE	COLINITA
	CUSTOMER#		NAME & NUMB		SECTION	TOWNSHIP	RANGE	COUNTY
9-12-18	3244	SITA	hm West	AI-33	NW 11	24	16	Woodson
CUSTOMER	AlTAVIS	CAR F	12000		TRUCK#	DRIVER	TRUCK #	DRIVER
MAILING ADDRE	SS	0774 -	wayy .		467 /		INOUK#	Jimmy
P	0. Box 12	8			804	Keith		JIMMY
CITY	Is	TATE	ZIP CODE		675	Brad		
Wellsvi	11.0	Ks	66092	l i	503	Keith D.		
JOB TYPE	1000 1000 11	OLE SIZE 5		HOLE DEDTI		CASING SIZE &	VEICHT	
CASING DEPTH_					11/02-	CASING SIZE &	OTHER BASO	١٨١٦٥ سير.
SLURRY WEIGH						CEMENT LEFT in		
	644 BUS DI					RATE	CASING BU	
				7,577			//01 - 1 >	
REMARKS. OF	get Meeting!	Kig up h	176 140	ins, pum	Wel / 15613 W/	HAT HINEAD,	7 13615 961 1-	Jush Yollow
With 10 1351	S WATER SPACE	J. MIXA	A /KE SKS	30/30 14	zmir cement w	26901,01	75K of KOI-SE	7/ A41 36
Shut down	- wash out Pu	imp skilles -	Nies Kubi	or Plug, c	lisplaced plug	With 644 !	Bbls water	
Sign Dug	1ρλη 250 ρ	si - LAND	Plus with !	850 ASI L	Am colatias	wies - Rele	Are Piesque	_
FLORT H	1	5h c 13	1134 000	Compet	retwas - 6B	Me const	har. T Doc	
1 10161 17	ela.	DO COMPIEI	E WITH 9000	Cental	RELCONS - 6 D	NDIS CENTAL S	WIY 10 FIT	
		A						
				THANK YO	ou"		*)	
		· · · · · · · · · · · · · · · · · · ·						
ACCOUNT	QUANITY or	UNITS	DES	CRIPTION of	SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
CODE			ı					
CT AUCH		,	DUMP CHARCE	:				-
CE 0450			PUMP CHARGE				/500.00	1500.00
CE 0002	4	40	MILEAGE				/500.00 7.15	1500,00
CE 0002 /	4	40 m/c	MILEAGE BULK Tru	ex charg	L		1500.00 7.15 660.00	1500,00 284.00 640.00
CE 0002	4	40	MILEAGE	ex charg			/500.00 7.15	1500,00
CE 0002 / CE 07/1 / WE 0853 /	,	40 m/c Z His	MILEAGE BUIK Tru WATER	ek charge Truck			/500.00 7.15 660.00 /00.00	1500.00 284.00 640.00 200.00
CE 0002 / CE 0711 / WE 0853 /	/24	40 M/C Z His	MILEAGE Bulk Tru Water 50/50	ex charge Truck Adams			/570.00 7.15 660.00 /00.00	1500,00 286.00 660.00 200.00
CE 0002 / CE 07/1 / WE 0853 / CC 5840 / CC 5945 /	/20 211	40 M/C Z His SACKS /bs	MILEAGE BUIK TOU WATER  50/50 GEL	ex charge Truck Adamsic	cement		/500.00 7.15 460.00 /00.00	1500.00 284.00 440.00 200.00 1701.00 43.30
CE 0002 / CE 0711 / WE 0853 / CC 5840 / CC 5965 / CC 5326 /	/26 211 30	40 m/c Z His SACKS /bs	MILEAGE  Bulk Tru  WATER  50/50  GEL  SAI	CX Charge Truck Pozmik 22 LT 52 wa	cement Tur weight		/500.00 7.15 660.00 /00.00 13.50 13.0	1500,00 286.00 660.00 200,00 1701.00 6330
CE 0002 / CE 07/1 / WE 0853 / CC 5840 / CC 5326 / CC 6077 /	/26 211 30	40 m/c Z His SACKS /bs	MILEAGE BUIK TOU WATER  50/50 GEL SAN	DZMIC DZMIC DZMIC ZZ SEAL 5/	Cement Tor weight L A-1/5K		/500.00 7.15 660.00 /00.00 13.50 130 /.00	1500.00 286.00 640.00 200.00 1701.00 63.30 300.00
CE 0002 / CE 07/1 / WE 0853 / CC 5840 / CC 5326 / CC 6077 / CP 8/176 /	/26 211 30 63	40 m/c 2 His SACKS 165 160 165 160	MILEAGE BUIK Tru WATER  50/50 GEL SAN KOI-S	Pozmik Pozmik 22 LT 52 was SEAL 51	Cement Tur weight LP4/SK Yug		500.00   7.15   660.00   100.00   13.50   130   1.00   150   45.00	1500,00 286.00 640.00 200,00 1701.00 6330 300,00 315.00 45.00
CE 0002 / CE 07/1 / WE 0853 / CC 5840 / CC 5965 / CC 5326 / CC 6077 / CP 8176 /	/26 211 30 63	40 m/c Z His SACKS /bs	MILEAGE BUIK Tru WATER  50/50 GEL SAN KOI-S	DZMIC DZMIC DZMIC ZZ SEAL 5/	Cement Tur weight LP4/SK Yug		/500.00 7.15 660.00 /00.00 13.50 130 /.00	1500.00 286.00 640.00 200.00 1701.00 63.30 300.00
CE 0002 / CE 07/1 / WE 0853 / CC 5840 / CC 5326 / CC 6077 / CP 8/176 /	/26 211 30 63	40 m/c 2 His SACKS 165 160 165 160	MILEAGE BUIK Tru WATER  50/50 GEL SAN KOI-S	Pozmik Pozmik 22 LT 52 was SEAL 51	Cement Tur weight LP4/SK Yug		/500.00 7.15 660.00 /00.00 13.50 130 /.00 .50 45.00	1500.00 286.00 200.00 200.00 1701.00 43.30 300.00 315.00 45.00
CE 0002 / CE 07/1 / WE 0853 / CC 5840 / CC 5326 / CC 6077 / CP 8/176 /	/26 211 30 63	40 m/c 2 His SACKS 165 160 165 160	MILEAGE BUIK Tru WATER  50/50 GEL SAN KOI-S	Pozmik Pozmik 22 LT 52 was SEAL 51	Cement Tur weight LP4/SK Yug	Sub To	/500.00 7.15 660.00 /00.00 13.50 130 /.00 .50 45.00	1500,00 286.00 640.00 200,00 1701.00 6330 300,00 315.00 45.00
CE 0002 / CE 0711 / WE 0853 / CC 5840 / CC 5965 / CC 5326 /	/26 211 30 63	40 m/c 2 His SACKS 165 160 165 160	MILEAGE BUIK Tru WATER  50/50 GEL SAN KOI-S	Pozmik Pozmik 22 LT 52 was SEAL 51	Cement Tur weight LP4/SK Yug		/500.00 7.15 660.00 /00.00 13.50 ,30 /,00 ,50 45.00 ,30	1500.00 286.00 640.00 200.00 1701.00 6330 300.00 315.00 45.00 30.00
CE 0002 / CE 07/1 / WE 0853 / CC 5840 / CC 5326 / CC 6077 / CP 8/176 /	/26 211 30 63	40 m/c 2 His SACKS 165 160 165 160	MILEAGE BUIK Tru WATER  50/50 GEL SAN KOI-S	Pozmik Pozmik 22 LT 52 was SEAL 51	Cement Tur weight LP4/SK Yug	Sub To Discour	/500.00 7.15 660.00 /00.00 13.50 130 /.00 .50 45.00	1500.00 286.00 640.00 200.00 1701.00 6330 300.00 315.00 45.00 30.00
CE 0002 / CE 07/1 / WE 0853 / CC 5840 / CC 5326 / CC 6077 / CP 8/176 /	/26 211 30 63	40 m/c 2 His SACKS 165 160 165 160	MILEAGE BUIK Tru WATER  50/50 GEL SAN KOI-S	Pozmik Pozmik 22 LT 52 was SEAL 51	Cement Tur weight LP4/SK Yug		/500.00 7.15 660.00 /00.00 13.50 ,30 /,00 ,50 45.00 ,30	1500.00 286.00 260.00 200.00 1701.00 2330 300.00 315.00 45.00 30.00
CE 0002 / CE 07/1 / WE 0853 / CC 5840 / CC 5326 / CC 6077 / CP 8/176 /	/26 211 30 63	40 m/c 2 His SACKS 165 160 165 160	MILEAGE BUIK Tru WATER  50/50 GEL SAN KOI-S	Pozmike  Azzmike  ZZ  LT 5Z was  SEAL 5/  po Rubby f	Ter weight LP 1/5K Yug El Flush	Discour	/500.00 7.15 660.00 /00.00 13.50 13.50 1,00 1,50 45.00 130	1500.00 286.00 260.00 200.00 1701.00 2330 300.00 315.00 45.00 30.00
CE 0002 / CE 07/1 / WE 0853 / CC 5840 / CC 5326 / CC 6077 / CP 8/176 /	/26 211 30 63	40 m/c 2 His SACKS 165 160 165 160	MILEAGE BUIK Tru WATER  50/50 GEL SAN KOI-S	Pozmike  Azzmike  ZZ  LT 5Z was  SEAL 5/  po Rubby f	Cement Tur weight LP4/SK Yug	Discour	/500.00 7.15 660.00 /00.00 13.50 ,30 /,00 ,50 45.00 ,30	1500.00 286.00 260.00 200.00 1701.00 6330 300.00 315.00 45.00 30.00 5,100,30
CE 0002 / CE 07/1 / WE 0853 / CC 5840 / CC 5326 / CC 6077 / CP 8/176 /	/26 211 30 63	40 m/c 2 His SACKS 165 160 165 160	MILEAGE BUIK Tru WATER  50/50 GEL SAN KOI-S	Pozmike  Azzmike  ZZ  LT 5Z was  SEAL 5/  po Rubby f	Ter weight LP 1/5K Yug El Flush	Discour	1500.00 7.15 660.00 100.00 13.50 130 1.00 150 45.00 130	1500.00 286.00 260.00 200.00 1701.00 6330 300.00 315.00 45.00 30.00 5,100,30
CE 0002 CE 07/1 WE 0853 CC 5840 CC 5945 CC 5326 CC 6077 CP 8/176 CC 5765	/26 211 30 63	40 m/c 2 His SACKS 165 160 165 160	MILEAGE BUIK Tru WATER  50/50 GEL SAN KOI-S	Pozmike  Azzmike  ZZ  LT 5Z was  SEAL 5/  po Rubby f	Ter weight LP 1/5K Yug El Flush	Discour	/500.00 7.15 660.00 /00.00 13.50 13.50 1,00 1,50 45.00 130	1500.00 286.00 260.00 200.00 1701.00 2330 300.00 315.00 45.00 30.00
CE 0002 / CE 07/1 / WE 0853 / CC 5840 / CC 5965 / CC 5326 / CC 6077 / CP 8176 / CC 5765 /	/26 211 30 63	40 m/c 2 His 2 Shocks 1 bs 100 1 bs 100 1 bs	MILEAGE BUIK TOU SO/50 GEL SAN KOI-S Z7/8° TO	Pozmike  Azzmike  ZZ  LT 5Z was  SEAL 5/  po Rubby f	Ter weight LP 1/5K Yug El Flush	Discour	/500.00 7.15 660.00 /00.00 13.50 130 1.00 150 45.00 130 1641	1500.00 286.00 260.00 200.00 1701.00 6330 300.00 315.00 45.00 30.00 5,100,30

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.