Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1230910

Form ACO-1 August 2013 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. 15
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 #	
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:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:
□ OG □ GSW □ Temp. Abd	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 ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Produ	cer (Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	
ENHR 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
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Page Two	1230910
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

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 Taken (Attach Additional Sh	eets)	Yes No		-	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c			an ata		
		Report all stilligs set-o		inieulate, producti			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
	· · · · ·	ADDITIONAL	CEMENTING / SQU	JEEZE RECORD	-	· · · · · ·	
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							

Did you perform a hydraulic fracturing treatment on this well?	Yes	No
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes	No
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes	No

(If No, skip questions 2 and 3) (If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION Specify For		RD - Bridge PI Each Interval P		e	A		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner Ru	in:	No	
Date of First, Resumed	l Producti	on, SWD or ENHF	} .	Producing M	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI		246.		1					PRODUCTION IN	
Vented Solo		Jsed on Lease		Open Hole	Perf.	Dually	Comp.	Commingled		
(If vented, Su	bmit ACO	-18.)		Other (Specify)		(Submit /	ACO-5)	(Submit ACO-4)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

				U	KILLE	K9 LU	JG	_					
API NO:	15 - 031 -	23998 - 00) - 00		_				S. 14	T. 22	R. 16	<u>E.</u>	W.
OPERATOR:	ALTAVIST	TA ENERGY	INC		_				LC	OCATION:	NE NW	SE NW	
ADDRESS:	4595 K-33	HWY PO	BOX 128	WELLSVI		002					COFFEY		
3.			0004					-		ELEV. GR.: DF:	1043	KB:	
WELL #:	28	•2	LEAS	E NAME:	MARJOR	IE CROTT	S	-					
FOOTAGE LOO	CATION:	3795	FEET	FROM	(N)	<u>(S)</u>	LINE	3465	FEET	FROM	<u>(E)</u>	(W)	LINE
CONT	RACTOR:	FINNEY DR		OMPANY		•		GEC	LOGIST:	DOUG E	ANS	-	
SPU	D DATE:	9/23/2	2014	r.				TOTA	L DEPTH:	1132		P.B.T.D.	
DATE COM	PLETED:	9/25/2	2014					OIL PUR	CHASER:	COFFEYVIL	LE RESOURC	ES CRUDE T	RANSPORTATIC
					ASING					100.825			
REPORT	OF ALL STR	RINGS - SUF	RFACE, IN	TERMEDI	ATE, PROD			-		T		1.11	٦
		SIZE HOLE DRILLED	0.1	D.)	LBS/FT		G DEPTH	TYPE CEMENT	SACKS	TYPE	AND % ADD	ITIVES	
SURFACE: PRODUCT		12.2500 5.8750	2.875		19 6.5		7.55 20.63	OWC	59 139		COMPANY		
*								0110	100	IOLIVIOL			1
					WELLI	LUG		-					
RECO	CORES:	#1-1028	- 1048	- 2017 P	-				1 - FLOAT				
ACTUAL CORI		10							1 - BAFFL 1 - SEATII	E NG NIPPLE			
									1 - COLLA 3 - CENTR	Williams and surgers and a			
									1 - CLAMF				
		ORMATIO	N	TOP	BOTTON	1	F	ORMATIO	N	TOP	BOTTO	л	
	TOP SOIL			0	3					978	981		
	SAND & GI	RAVEL		26	26 33		SAND & S	HALE		981 988	988 994		
	LIME CLAY & SA	ND		33 37	37 43		SAND & S			994	1024		
	SHALE			43	234		CAP LIME SHALE	- 141 - CF 11 - CF 14		1024 1025	1025		
				234	251		CAP LIME			1029	1029.5		
	SHALE			251 253	253 281		SAND & SI			1029.5	1036 1037		
	SHALE			281	367		SAND HAF	RD		1038	1037		
	LIME			367	384		SHALE			1044	1079		
	SHALE	· ·		384	388		LIME			1079	1081		
	SHALE			388 392	392 434		SAND & SI	HALE		1081	1132 T.D.		
	LIME			434	492								
	SHALE			492	498					A			
	LIME SHALE	L STR		498 502	502 527								
1	SHALE & L	IME		527	542								
	KC LIME			542	606								
	SHALE KC LIME			606	610								
	SHALE			610 634	634 638								
	KC LIME			638	644								
	SHALE			644	647								
				647	661								
	SHALE			661 665	665 666								
	SHALE			666	802			Printer and Printers					
Ĩ	LIME			802	805								
	SAND & SH	IALE		805	819		-						
	SHALE			819	839								
				839 841	841								
	SHALE			841	849 905								
	LIME			905	913								
	SAND & SH	ALE		913	934	1							
				934	937	-							
	SAND & SH LIME			937 953	953 960								
	SAND & SH	ALE		960	960								
F													

Oil Well Serv	and the second second second	REMAT Consolidated Oil We Dept. 9 P.O. Box Houston, TX 77	ll Services, LLC 70 4346	Chanı 620/431-9210 • 1-	IAIN OFFICE P.O. Box 884 ute, KS 66720 800/467-8676 620/431-0012
INVOICE				Invoice #	
Invoice Date: 09/30)/2014 T	erms: 0/30/10,n/	'30	============== P:	age 1
ALTAVISTA ENERG 4595 K-33 HIGHW P.O. BOX 128 WELLSVILLE KS (785)883-4057	AY		MARJORIE GROT 48218 NW14-22-16 9-23-14 KS	IS 28	
Part Number 1124 1118B 1111 1110A	PREMIUM (SODIUM C	ion Z CEMENT MIX GEL / BENTONITE HLORIDE (GRANULA (50# BAG)	50.00 84.00	.2200 .3900	Total 575.00 18.48 40.95 115.00
Sublet Performed 9996-120	Descript: CEMENT M	ion ATERIAL DISCOUNT			Total -224.84
Description 495 CEMENT PUMP 495 EQUIPMENT MILE 495 CASING FOOTAGE 611 TON MILEAGE DE 675 80 BBL VACUUM	LIVERY	а т	Hours 1.00 1.00 47.55 104.63 2.00	.00	Total 1085.00 .00 .00 147.53 200.00

Amount Due 2228.05 if paid after 10/10/2014

=========	=========		========		==========	=======	
Parts:	749.43	Freight:	.00	Tax:	32.26	AR	1989.38
Labor:	.00	Misc:	.00	Total:	1989.38		
Sublt:	-224.84	Supplies:	.00	Change:	.00		
=========	============	===================	=========	==========	==========	=======	============

Signed

BARTLESVILLE, OK 918/338-0808

EL DORADO, KS 316/322-7022

EUREKA, KS 620/583-7664

PONCA CITY, OK 580/762-2303

OAKLEY, KS 785/672-8822

OTTAWA, KS 785/242-4044

THAYER, KS 620/839-5269

Date

GILLETTE, WY 307/686-4914

- -

CUSHING, OK 918/225-2650



271405

TICKET NU	MBER	48218	3
LOCATION	otta	wa KS	
		104	

10010

FOREMAN Fred Made

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

FIELD TICKET & TREATMENT REPORT CEMENT

				•			
DATE	CUSTOMER #	WELL NAME &	NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9.23-14	3244	M Protts	#28	NW 14	22	16	CF
CUSTOMER							
A 170	vista	Energy Inc		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRE	SS	<i>'</i> ¢		712	Fre Made		
P.O.	Box 12	8		495	Ho1 Bec		
CITY		STATE ZIP COD	E	675	Ki Det		
Wellsu	ille	KS 660	71	611	Jm Kao		
JOB TYPE SU	rface	HOLE SIZE 124	HOLE DEPTH	47'	CASING SIZE & W	EIGHT <u>7"</u>	
CASING DEPTH	47.55	DRILL PIPE	TUBING			OTHER	
SLURRY WEIGH	т	SLURRY VOL	WATER gal/sl	k	CEMENT LEFT in	CASING 10' 1	L
DISPLACEMENT	1.7BB	DISPLACEMENT PSI	MIX PSI		RATE 5 BPY	<u>n</u>	
REMARKS: 14	old are	w safety m	uthan Es	tablish	circulats.	on thru	ブ"
cash	na. mi	X & Pump 57	5KS 501	50 Por W.	lix Ceme	at 2% Cu	é .
5% 5	alt 5#	Kol Seal / SK	. Coment	- to so	vface, i	Displace	و
Casi	ve clea	1 w/ 1.7BB	ic water	. Sho	in Casi	··· _	
	7					/	

	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE 49.	5	1085
5406	. 🖵	MILEAGE 49	5	NIC
5402	47.55	Casivy footage		N/c
54071	104.625	Ton Miles 61	(1475
5502C	2hrs	80 BBL Vac Truck		2000
1124	-50 5KS 84#	50/50 Por Mix Coment	57500	/,
11188	84#	fremium Gel	1848	
1117	105#	Granulated Sald	40250	
1610 A	250#	Kol Seal	11500 1	
		Mater:a	74943	1
		Less 30%	- 2249	
		Total		5246
		Romalal-1		
			2228.04	
	1	6.15%	SALES TAX	322
in 3737	11.1.		ESTIMATED TOTAL	19893
	AT/	TITLE	DATE	

I acknowledge

e the payment terms, unless specifically amended in writing on the front of the form or in the customer's of service on the back of this form are in effect for services identified on this form.

Oil Well Servi	Same of the of the second	REMUT Consolidated Oil We Dept. 9 P.O. Box Houston, TX 7	ll Services, LLC 70 4346	Chan 620/431-9210 • 1	MAIN OFFICE P.O. Box 884 pute, KS 66720 -800/467-8676 620/431-0012			
INVOICE				Invoice #	271520			
				===========				
Invoice Date: 09/30	/2014 T	erms: 0/30/10,n/	30	P	age 1			
ALTAVISTA ENERG 4595 K-33 HIGHW P.O. BOX 128 WELLSVILLE KS (785)883-4057			M. CROTTS #28 48259 NW14-22-16 9-25-14 KS					
Part Number 1124 1118B 1111 1110A 4402	PREMIUM (SODIUM C) KOL SEAL	ion Z CEMENT MIX GEL / BENTONITE HLORIDE (GRANULA (50# BAG) UBBER PLUG	145.00 344.00	.2200	Total 1667.50 75.68 113.88 333.50 29.50			
Sublet Performed 9996-120	Description CEMENT MATERIAL DISCOUNT				Total -657.16			
Description 495 CEMENT PUMP 495 EQUIPMENT MILEAGE (ONE WAY) 495 CASING FOOTAGE 515 TON MILEAGE DELIVERY 675 80 BBL VACUUM TRUCK (CEMENT)			Hours 1.00 45.00 1120.63 303.41 1.50	Unit Price 1085.00 4.20 .00 1.41 100.00	Total 1085.00 189.00 .00 427.81 150.00			

Amount Due 4208.39 if paid after 10/10/2014

=======	=========			==========	===========		
Parts:	2220.06	Freight:	.00	Tax:	96.10	AR	3510.81
Labor:	.00	Misc:	.00	Total:	3510.81		
Sublt:	-657.16	Supplies:	.00	Change:	.00		

Signed

BARTLESVILLE, OK 918/338-0808

EL DORADO, KS 316/322-7022

EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303

OAKLEY, KS 785/672-8822

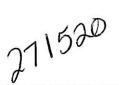
OTTAWA, KS 785/242-4044

THAYER, KS 620/839-5269

Date

GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650





48259 TICKET NUMBER LOCATION Othawa FOREMAN_ Fred Mader

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

Г

FIELD TICKET & TREATMENT REPORT CEMENT DATE CUSTOMER # SECTION TOWNSHIP RANGE COUNTY WELL NAME & NUMBER

	000 TOMENT		ONIDLIX	JECHON	TOWNSTIF	RANGE	COONT
9.25.14	उ२५५	M. Crotts #	28	NW 14	22	16	CF
CUSTOMER							
HIta	vista Er	nergy Inc		TRUCK #	DRIVER	TRUCK #	DRIVER
		•0		512	Fre Mad		
P.O.		128		495	Har Bec		
CITY	1.5	STATE ZIP CODE		675	Kei Det		
Wellsu	ille	KS 6609	2	515	Breman		
JOB TYPE	ngstring.		HOLE DEPTH		CASING SIZE & W	EIGHT 27/6-	EUE
CASING DEPTH	1120.63	DRILL PIPE Baffle		1090'		OTHER	
SLURRY WEIGH	т	SLURRY VOL	WATER gal/s	k	CEMENT LEFT in	CASING 38'	+-Plug
DISPLACEMENT 6, 3413BC DISPLACEMENT PSI MIX PSI					RATE 5BP	m	-
REMARKS: Hold a vew safety meeting. Establish circulation. Mix+ Pump 100#Gel							
Flysh. Mix + Pump 145 5ks 50/50 Por Mix Coment 2% Gel 5% Soult							
5thol Seal/sk. Cement to surface. Flugh Dump & Imag clean,							
Displace 21/2" Rubber plus to baffle in casing. Pressure to root ps1.							
Releas	e Avessu	re to set the		· Shot N			
					1	2	

Finney Drilling. und Mode

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	t	PUMP CHARGE	495		10 8500
5406	45 mi	MILEAGE	495		189 00 1
5402	11 20.63	Casiva Footage			NIC
5407A	303.41	Ton Miles			427 81
5501C	12hr	80 BBL Vac Truck			15000
1/2//	140-10			501	
1124	145sks	50/50 Poz mix Convert		166750 .	
11183	344*	Premiun Gel		7568	· ·
1111	292	Granulated Salt		113 58 .	
1110A	72.5	Kol Seal		23350	
	· · · · · · · · · · · · · · · · · · ·	Material		21905	
		Less 30%		6572	
			÷		15333
4402	1	22" Rubber Plug			2950 0
		<i>A</i>			
<u> </u>				4208.40	
		<u>الارمم.</u> (CALCO TAY	96 10
ivin 3737		6.15782	(P	SALES TAX	76-
	HUTO			TOTAL	3510 83
UTHORIZTION	Nº //			DATE	

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.