

Conf	identia	lity I	Requested:
Ye	es	No	ı

#### Kansas Corporation Commission Oil & Gas Conservation Division

1193416

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:			Sec.	TwpS. R	East West	
Address 2:			F	eet from North /	South Line of Section	
City: S	tate: Zi	D:+	F	eet from East /	West Line of Section	
Contact Person:			Footages Calculated from	Nearest Outside Section	Corner:	
Phone: ()			□ NE □ NV	W □SE □SW		
CONTRACTOR: License #			GPS Location: Lat:	. Lona:		
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxx)	
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84		
Purchaser:			County:			
Designate Type of Completion:			Lease Name:	V	Vell #:	
	-Entry	Workover	Field Name:			
	_		Producing Formation:			
☐ Oil ☐ WSW	SWD	SIOW	Elevation: Ground: Kelly Bushing:			
☐ Gas ☐ D&A	☐ ENHR	SIGW	Total Vertical Depth:	Plug Back Total	Depth:	
OG OM (Cool Book Mathema)	GSW	Temp. Abd.	Amount of Surface Pipe Se	_		
<ul><li>☐ CM (Coal Bed Methane)</li><li>☐ Cathodic ☐ Other (Contact of the Contact of the Conta</li></ul>	o Evol ata):		Multiple Stage Cementing			
			If yes, show depth set:			
If Workover/Re-entry: Old Well In			If Alternate II completion, o			
Operator:			feet depth to:			
Well Name:			leet deptri to	w/	SX CIIII.	
Original Comp. Date:	_					
Deepening Re-perf.	_	NHR Conv. to SWD	Drilling Fluid Manageme (Data must be collected from t			
☐ Plug Back	Conv. to GS	SW Conv. to Producer	(Data must be collected from t	lile rieselve rilj		
Commingled	Permit #:		Chloride content:	ppm Fluid volum	e: bbls	
Dual Completion			Dewatering method used:			
SWD	Permit #:		Location of fluid disposal if	f hauled offsite:		
☐ ENHR	Permit #:		On a water Name			
GSW	Permit #:		Operator Name:			
			Lease Name:			
Spud Date or Date Rea	ached TD	Completion Date or	QuarterSec	TwpS. R		
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



Operator Name:			Lease Name: _			Well #:		
Sec Twp	S. R	East West	County:					
open and closed, flow and flow rates if gas t	ving and shut-in presson surface test, along w	formations penetrated. I ures, whether shut-in pro vith final chart(s). Attach	essure reached stati n extra sheet if more	c level, hydrosta space is neede	itic pressures, bott d.	tom hole tempe	erature, fluid r	recovery,
		otain Geophysical Data a or newer AND an image		egs must be ema	ailed to kcc-well-lo	gs@kcc.ks.gov	n. Digital elec	tronic log
Drill Stem Tests Taken (Attach Additional	•	Yes No		_	on (Top), Depth ar		Samp	
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	e		Тор	Datur	m
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING	RECORD Ne	ew Used				
		Report all strings set-	conductor, surface, inte	ermediate, product	ion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and P Additiv	
		ADDITIONAL	OFMENTING / OOL					
Purpose:	Depth		CEMENTING / SQL	JEEZE RECORD		araant Additiraa		
Perforate	Top Bottom	Type of Cement	# Sacks Used		Type and F	ercent Additives		
Protect Casing Plug Back TD								
Plug Off Zone								
Did vou perform a hydra	ulic fracturing treatment o	on this well?		Yes	No (If No, ski	p questions 2 ar	nd 3)	
	=	raulic fracturing treatment ex	xceed 350,000 gallons		= ' '	p question 3)	,	
Was the hydraulic fractu	ring treatment information	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			cture, Shot, Cement			Depth
	Сроспу Г	octago of Laon morvari of	ioratou	(>1	mount and rand or ma	teriar Good)		Борит
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN							
Fotimeted Day 1 . C	0" -	Flowing			Other (Explain)	) O" D "		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	bls. G	Gas-Oil Ratio	Gr 	ravity
DISPOSITI	ON OF GAS:	1	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:	
Vented Sold		Open Hole	Perf. Dually	Comp. Con	mmingled			
	bmit ACO-18.)	Other (Specify)	(Submit )	ACO-5) (Sub	omit ACO-4)			

### ONSOLIDATED Oil Well Services, LLC

#### **REMIT TO**

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346

MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012

INVOICE

Invoice #

265138

Invoice Date:

12/31/2013

Terms: 0/0/30, n/30

Page

1

ALTAVISTA ENERGY INC 4595 K-33 HIGHWAY P.O. BOX 128 WELLSVILLE KS 66092 (785)883-4057

ELDER A-3 44968 SE 1-15-20 12-31-2013 KS

=====		=======================================	========	=======
Part 1124 1118B	Number Description 50/50 POZ CEMENT MIX PREMIUM GEL / BENTONI	105.00	Unit Price 11.5000 .2200	Total 1207.50 116.60
369 495 495 495 503	Description 80 BBL VACUUM TRUCK (CEMENT) P & A NEW WELL EQUIPMENT MILEAGE (ONE WAY) CASING FOOTAGE MIN. BULK DELIVERY	Hours 2.50 1.00 25.00 .00 1.00	Unit Price 90.00 1085.00 4.20 .23 368.00	Total 225.00 1085.00 105.00 .00 368.00

Parts: 1324.10 Freight: .00 Tax: 94.68 AR 3201.78 Labor:

.00 Misc: .00 Total: 3201.78 .00 Supplies: .00 Change: .00

Signed

BARTLESVILLE, OK 918/338-0808

Date



265138

LOCATION O+towa KS
FOREMAN Fred Mader

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

### FIELD TICKET & TREATMENT REPORT CFMENT

DATE	CUSTOMER#	WELL	. NAME & 1	NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
/2:3/./3 USTOMER	3244	Elde	- 4-	A-3	SE .1	15	20	DG
A) t	Laulsta	Energy	Inc		TRUCK#	DRIVER	TRUCK#	DRIVER
AILING ADDRE	SS	. /			712	FreMad		- Ditte
P.O.	Box 10	28			495	HarBee		
TY		STATE	ZIP CODE		369	Arlmod		
Wellsu	111le	IKS	6600	72	503	Dan Det		
B TYPE	Plug	HOLE SIZE	57/8'	HOLE DEPT	H_ 800'	CASING SIZE & V	VEIGHT_ N/F	7
ASING DEPTH_	NA	DRILL PIPE		/'TUBING_ <u>/</u>	OTO		OTHER	
URRY WEIGH	т	SLURRY VOL_		WATER gal/s	sk	CEMENT LEFT in	CABING - A	<b>TUIL</b>
SPLACEMENT		DISPLACEMEN'		MIX PSI		RATE <u>/・//</u> ュ	BPM	
MARKS: /	1d aven	u meeti	<u>14. – S</u>	afery. Rig	grun /"	Tubing +	o TD.	
Mr.x	* Puny		3/25	Comma	7. R'S	pull Ju	bile Kn	
500	constant the same Assets	Ke Su	VEOC	<u>a_u/ C.</u>	ement.	Pullr	emasil	1
	Tulong.	Top	746	weil w	/ Cemen	*		
		2 to 100						
	Total	105	5/43 4	50/50 Por 1	nix Ceme	at 6% (w)	<u></u>	
				210 - 270 - 270				
						-/-	4.	
105	Drills	79.			<del> </del>	ful Y	Made	
				100	*	2.00		
ACCOUNT		Littimo						
ACCOUNT CODE	QUANITY	or UNITS		DESCRIPTION of	SERVICES or PRO	ODUCT	UNIT PRICE	TOTAL
CODE		,	PUMP CH	- A .	FSERVICES or PRI		UNIT PRICE	1/1/200
			PUMP CHA	- A .	1 11		UNIT PRICE	108500
CODE 5りらい		,	MILEAGE	ARGE Plug	to Aban	Van 495	UNIT PRICE	1/1/29
5406		25mi	MILEAGE	- A .	to Aban	Von 495 495	UNIT PRICE	10500
5406 5402	Morrow	25mi	MILEAGE Ca.s.	arge Plug org Footog	to Aban	Van 495 495 503	UNIT PRICE	10850
540 2 540 7	Morrow	25mi 	MILEAGE Casi Ton	arge Plug org Footog	to Abano	Von 495 495	UNIT PRICE	10500
540 5 540 7	Morrow	25mi 	MILEAGE Casi Ton	arge Plug org Footog	to Abano	Van 495 495 503	UNIT PRICE	10850
540 2 540 7	Morrow	25mi 	MILEAGE Casi Ton	arge Plug org Footog	to Abano	Van 495 495 503	UNIT PRICE	105°° 105°° 368°° 225°°
540 2 540 7	Montone 2	25mi 	MILEAGE Casi	ARGE Plug Miles BBL Vac	to Aban	Jan 495 495 503 369	UNIT PRICE	105°° 105°° 368°° 225°°
CODE 5405N 5406 5402 5407 5502C	Minima 2	Domi UM UZKUS	MILEAGE Casi Ton 80	ARGE Plug Miles BBL Vac	to Aband	Jan 495 495 503 369		10500 10500 36800 22500
540 6 540 2 540 7 5502C	Minima 2	Osmi Usul Lizhus	MILEAGE Casi Ton 80	ARGE Plug Miles BBL Vac	to Aband	Jan 495 495 503 369		105°° 105°° 368°° 225°°
CODE 5405N 5406 5402 5407 5502C	Minima 2	Domi UM UZKUS	MILEAGE Casi Ton 80	ARGE Plug Miles BBL Vac	to Aband	Jan 495 495 503 369		10500 10500 36800 22500
540 5 540 6 540 2 540 7 5502C	Minima 2	Domi UM UZKUS	MILEAGE Casi Ton 80	ARGE Plug Miles BBL Vac	to Aband	Jan 495 495 503 369		10500 10500 36800 22500 120750 11660
540 5 540 6 540 2 540 7 5502C	Minima 2	Domi UM UZKUS	MILEAGE Casi Ton 80	ARGE Plug Miles BBL Vac	to Aband	Jan 495 495 503 369		10500 10500 36800 22500 120750 11660
CODE 5405N 5406 5402 5407 5502C	Minima 2	Domi UM UZKUS	MILEAGE Casi Ton 80	ARGE Plug Miles BBL Vac	to Aband	Jan 495 495 503 369		10500 10500 36800 22500 120750 11660
CODE 5405N 5406 5402 5407 5502C	Minima 2	Domi UM UZKUS	MILEAGE Casi Ton 80	ARGE Plug Miles BBL Vac	to Aband	Jan 495 495 503 369		10500 10500 36800 22500 120750 11660
CODE 5405N 5406 5402 5407 5502C	Minima 2	Domi UM UZKUS	MILEAGE Casi Ton 80	ARGE Plug Miles BBL Vac	to Aband	Jan 495 495 503 369		10500 10500 36800 22500 120750 11660
540 5 540 6 540 2 540 7 5502C	Minima 2	Domi UM UZKUS	MILEAGE Casi Ton 80	ARGE Plug Miles BBL Vac	to Aband	Jan 495 495 503 369		10500 10500 36800 22500 120750 11660
CODE 5405N 5402 5407 5502C 1/24 11/8B	Minima 2	Domi UM UZKUS	MILEAGE Casi Ton 80	ARGE Plug Miles BBL Vac	to Aband	Jan 495 495 503 369	complet	1085° 105°° 368°° 225°° 1207°° 116°°
CODE 5405N 5406 5407 5502C 1/24 11 18B	Minima 2	Psmi Uzkus 15 sks 30*	MILEAGE Casi Ton 80	ARGE Plug Miles BBL Vac	to Aband	Jan 495 495 503 369		10500 10500 36800 22500 120750 11660

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

Lease Owner:Altawista

## Douglas County, KS Well:Elder A-3 (913) 837-8400 Commenced Spudding: 12-25-2013

#### WELL LOG

Thickness of Strata	Formation	Total Depth
0-10	soil-clay	10
2	lime	12
149	shale	161
5	lime	166
6	shale	172
3	lime	175
2	shale	177
15	lime	192
7	shale	199
. 8	lime	207
6	shale	213
59	lime	272
20	shale	292
54	shale	346
19	lime	365
1	shale	366
2	lime	368
17	shale	385
85	lime	393
17	shale	410
8	sand	418
19	lime	437
16	shale	453
24	lime	477
7	shale	484
25	lime	509
4	shale	513
4	lime	517
4	shale	521
6	lime	527
177	shale	704
6	lime	710
17	shale	727
8	lime	735
14	shale	749
4	lime	753
7	shale	760
2	lime	762
3	shale	765
4	lime	769

Lease Owner:Altawista

## Douglas County, KS Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400 12-25-2013

3	shale	772
3	lime	775
22	shale	797
1	lime	798
2	shale	800
4	lime	804
7	shale	811
1	sand	812
6	core	818-TD
		V
9		
a.		

Core					
		812			
6	sand and sandy shale	818			

## **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) +  $\frac{(D-d)^2}{4C}$ 

\* Need these to figure belt length

WATTS = AMPS

TO FIGURE AMPS:

VOLTS

746 WATTS equal 1 HP

## Log Book

Well No. 🔑 - 🗦	<u> </u>	
Farm Elde!		
K5	Dov	Ja S (County)
(State)		(County)
2	15	20
(Section)	(Township)	(Range)
For Alfavist	S FINELS	y inc

# Town Oilfield Services, Inc.

1207 N. 1st East Louisburg, KS 66053 913-710-5400

		Plug	ged	Dec	31		
Elder Farm: Dov. 165 County  State; Well No. A-3		CA:	SING A	PS TUBING	HEAS	PUREMENTS	l l
ElevationState; Well No	0.5	Feet	ln.	Feet	In.	Feet	ln.
Commenced Spuding Dec 35 20 13							
Finished Drilling Drc 31 2013	) ·						
Finished Drilling Drc 31 2013  Driller's Name Wosley Dollard		-					
Driller's Name	=						
Driller's Name	_						
Tool Dresser's Name	% <del>=</del>						
Tool Dresser's Name 17/20 Pelly Tool Dresser's Name Pyan West a	-						
	·-						
Contractor's Name	-			-			
(Section) (Township) (Range)	-						
Distance from 5 line 41,45 ft	-				$\neg \parallel$		
Distance from E line, 490 ft.	_						
& sacks	-						
1 Co(2	99 <u>60</u>				$\dashv$		-
14 h/5	-				$\dashv$		
CASING AND TUBING							
RECORD	_						
, nesone	_		_		_		
10" Set 10" Pulled	-						
8" Set 8" Pulled	. —						
70%" Set 41 6%" Pulled	V2 <del></del>		_		$-\parallel$		
4" Set 4" Pulled	_						
2" Set 2" Pulled		950 HMC.		-1-			

Thickness of Strata	Formation	Total Depth	Remarks
0-10	5011 - clay		Remarks
2	Line	10	<del> </del>
749	Shalf	161	<del> </del>
5	Line	166	1
(ي)	Shale	161 166 172	
3	Lime	175	
2	Shalt	177	
15	Line	192	
フ	Shale	199	
8	Lime	207	
Lo	Stisle	213 272 292	
59	Lime	スプス	
20	Shalt	292	Some send- no Dil
54	Shale	346	JAME - 110 ()1)
14	Lime	365	
	Shale Lime	366	
2		368	
17	Shale	385	
3	Lime	393	
17	5hale	410	
- 8	Sand	414	no oil
19	Lime		
16	Shale	453	
24	Lime Shalt	477	
7	Shalt	484	
25	Lime	509	
	Shale	5-13	
	-2-		

Thickness of Strata	Formation	Total Depth	Remarks
4	Lime	517	- IOMANO
4	54412	521	
6	Lime	527	Hrithe
177	Shale	704	- Trestie
	Lime	710	
17	Shale	727	
5	Lime	735	
14	Shele	744	
	Lime	753	
7	Shale	760	
2	Lime	762	
3	Shale	765	
4	Line	769	
3	Shalt	772	
3	Lime	775	
22	Shale	747	
1	Lime	745	-
2	Shale	300	
4	Lime	504	
7	Shale	811	
1	Sand	812	Mac an Class
6	Core	818	- odos - no show
			TD - dry hole plugged
			-
			-
	-4-		-5-
			-0-

Lo!e

Thickness of Strata	Formation	Total Depth	Remarks
		Depth 612	
6	Sirel & Sardyle	818	broken -poor show
		1	
		i	
	-6-		-7-