

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1100447

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #34	350		API No. 15 - 15-045-21827-00-00
Name: Altavista Energy			Spot Description:
Address 1: 4595 K-33 High	way		NE_NE_SE_Sec. 2 Twp. 15 S. R. 20 ▼ East West
Address 2: PO BOX 128			Feet from North / South Line of Section
City: WELLSVILLE	State: KS Zip	.:_66092	
Contact Person: Phil Frick			Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 883-405	57	.	□ne □nw ☑se □sw
CONTRACTOR: License #	33715		County: Douglas
Name: Town Oilfield Serv	ice		Lease Name: Baldwin West Well #: Al-1
Wellsite Geologist: None			Field Name:
Purchaser:			Producing Formation: Squirrel
Designate Type of Completion	1:		Elevation: Ground: 1045 Kelly Bushing: 1045
✓ New Well	Re-Entry	Workover	Total Depth: 920 Plug Back Total Depth: 850
☑ oil ☐ wsw	☐ swb	— □ siow	Amount of Surface Pipe Set and Cemented at: 42 Feet
☐ Gas ☐ D&A	☐ ENHR	☐ sigw	Multiple Stage Cementing Collar Used? Yes V No
□ og	☐ gsw	Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)			If Alternate II completion, cement circulated from: 881
Cathodic Dther	Core, Expl., etc.):		feet depth to: 0 w/ 115 sx cmt
If Workover/Re-entry: Old We	II Info as follows:		leet deput to sx critic
Operator:			
Well Name:			Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:	Original To	tal Depth:	
☐ Deepening ☐ Re-	perf. Conv. to	ENHR Conv. to SWD	Chloride content: 0 ppm Fluid volume: 30 bbls
	Conv. to	GSW	Dewatering method used: Evaporated
Plug Back:	Pluç	Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled	Permit #:		Operator Name:
Dual Completion	Permit #:		Lease Name: License #:
SWD	Permit #:		
_ ENHR	Permit #:		Quarter Sec TwpS. R East West
☐ GSW	Permit #:		County: Permit #;
09/17/2012 09/	19/2012	09/19/2012	
Spud Date or Date	Reached TD	Completion Date or Recompletion Date	

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
Letter of Confidentiality Received
Date:
Confidential Release Date:
✓ Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I I III Approved by: Desnia Garrisor Date: 11/13/2012

Side Two

Operator Name: Alta	<u>ıvista Energy, Inc</u>	<u> </u>		Lease	Name: _	Baidwin wes	[_ Well #:AI-	<u>·1</u>	
Sec. 2 Twp. 15	s. R. <u>20</u>	✓ East	West	County	y: Doug	las				
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and sho es if gas to surface to	ut-in pressi est, along v	ures, whether s with final chart(s	hut-in pres	sure read	ched static level,	hydrostatic pres	sures, bottom l	hole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S		Y	es 🗸 No		✓ L	og Formatio	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey		es 🗸 No		Nam Squirr			Тор 813		Datum 232
Cores Taken Electric Log Run Electric Log Submittee (If no, Submit Copy		✓ Y1 ✓ Y1 ✓ Y	es 🔲 No		Oquiii					
List All E. Logs Run:										
Gamma Ray/Neutro	on/CCL									
				RECORD	□ Ne					
Purpose of String	Size Hole Drilled	Siz	ort all strings set-o ze Casing t (In O.D.)	We	ight ight / Ft.	ermediate, product Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface	9.875	7		19		42	Portland	5	NA	
Production	5.625	2.875		7	111	881	50/50 Poz	115	See Ti	cket
		1	ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Туре	of Cement	# Sack	s Used		Type and	Percent Additives	.	
Protect Casing Plug Back TD Plug Off Zone	-									
	-									
Shots Per Foot			RD - Bridge Plug Each Interval Per				icture, Shot, Cemei mount and Kind of M		rd	Depth
3	813-826 - 41 Per	fs - 2" DN	IL RTG							
TUBING RECORD:	Size:	Set At		Packer /	Δ1.	Liner Run:				
TOBIAG REGORD.	U120.	001711		1 401101 7		[Yes No	0		
Date of First, Resumed 10/29/2012	Production, SWD or El	NHR.	Producing Met	hod: Pumpi	ng 🗌	Gas Lift 🔲 (Other (Explain)			
Estimated Production Per 24 Hours	Oil 2	Bbls.	Gas	Mcf	Wat	er E	bls.	Gas-Oil Ratio		Gravity
DISPOSITION	ON OF GAS:		•	METHOD O	F COMPL	ETION:	Į	PRODUCTI	ON INTER	*VAL:
Vented Solo	<u></u>			Perf.	Dually	Comp. Co	mmingled			
	bmit ACO-18.)		Other (0it)		(Submit	4CO-5) (Sub	omit ACO-4)			

WELL LOG

Thickness of Strata	Formation	Total Depth
0-20	Soil-Clay	20
2	Lime	22
147	Shale	169
7	Lime	176
9	Shale	185
13	Lime	198
10	Shale	208
7	Lime	215
5	Shale	220
26	Lime	246
21	Shale	267
18	Lime	285
4	Shale	289
2	Lime	291
67	Shale	358
21	Lime	379
20	Shale	399
7	Lime	406
22	Shale	428
21	Lime	449
16	Shale	465
24	Lime	489
8	Shale	497
23	Lime	520
4	Shale	524
5	Lime	529
3	Shale	532
6	Lime	538
171	Shale	709
6	Lime	715
17	Shale	732
4	Lime	736
19	Shale	755
3	Lime	758
45	Shale & Lime	803
2	Lime	805
6	Shale	811
1	Sand	812
17	Core	829
91	Sandy Shale	920-TD

Douglas County, KS Well:Baldwin West AI-1 Lease Owner:AltaVista

Town Oilfield Service, Inc. (913) 837-8400

Commenced Spudding: 9/17/2012

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	Соге	
•		812
9	Sand	821
1.5	Sand	822.5
2.5	Sand	825
4	Sandy Shale	829
·		
<u>.</u>		



TANK CAPACITY

PBLS. (42 gal.) equals D²x.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 FxD

R - RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) + $\frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS:

WATTS = AMPS

746 WATTS equal 1 HP

Log Book

Well No. AI-1

Farm Baldwin Wast

(State)

(County)

(Section)

15

/Range

For Altav. Sta Energy
(Well Owner)

Town Oilfield Services, Inc. 1207 N. 1st East Louisburg, KS 66053 913-710-5400

Baldwin Western: Douglas County KS State; Well No. AI-1	CAS	SING AN	D TUBING	MEASI	UREMENTS	
Elevation 1045	Feet	ln.	Feet	In.	Feet	ln.
Commenced Spuding 5 cg+ 17 2012	<u>849.</u>	75	B	4+	12	
Priller's Name Wesley Sollard	8318	45	£70	7	3	79
Driller's Name	-					
Driller's Name Tool Dresser's Name Exan Naco						_
(11-01						
Tool Dresser's Name		-				
Contractor's Name			· · · · · · · · · · · · · · · · · · ·			·
(Section) (Township) (Range)		_				
Distance from Sline, 4475 ft.				-		
Distance from line, 215ft.						
5 sacks		_#				
1 cort						
14 h13						
CASING AND TUBING						
RECORD				_		
RECORD		_		_		
10" Set 10" Pulled				-		
8" Set 8" Pulled						
		-				
4" Set 4" Pulled						
2" Set 2" Pulled			-1-			

Thickness of	Formation	Total	
Strata		Depth	Remarks
6-20	Soil-clay	20	
<u> </u>	Lime / Shale	22	
147	Shale	169	
	Lime	176	
4	Shale	185	
13	Lime	198	
10	shale	203	
7	Lime	215	
5	Shalve	230	
تبالد	Lime	246	
21	Shale.	267	
18	Lime	285	
4	Shale	289	
2	Limit	291	
67	shale_	358	
31	Lime	379	
20	Shale	399	
フ	Lime	406	
22	Shale	428	
- ス\	Lime	449	
16	shale	465	
24	Lime	489	
3 23	544/e	497	
	Lime	520	
4	shale	524	
5	Lime	529	
3	shale	532	

-2-

		<u> </u>	_
Thickness of Strata	Formation	Total Depth	Remarks
يا	Lime	533	Heitha
171	Shelle	709	
يا _	Lime	715	
	Shale Lime Shale Lime Shale	732	
4	Lime	734	
19	Shale	755	
_ 3	1 -11/1 -	758 803	
45	Shale #lime Lime	803	
ユ	Lime	305	
\Box	Shale	81)	
/	Sand	81入	75% 6, -Delf
17	Core Soundy shall	829 920	
न।	Soundy shall	920	75
	, 		
-			
	-4-		-5-

Core

Thickness of Strata	Formation	Total Depth	Remarks
,		812	
4	39nol	821	Solid Oil
1.5	Sans	877.5	610ken - 75 % 0:1 6,0ken - 10 % 0:1
3.5	Sanc	325	bicken - 10 % 011
4	Sandy Shale	829	ne Oil
			
		 	
<u></u>			
			
		 	Michigan Control
		<u> </u>	
	·.·		
		_	
-			
		,	
		-	
	-6-	 	-7-



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 ‡	253045

Invoice Date: 09/21/2012 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

BALDWIN WEST AI-1 34928 1-15-20 09-19-2012 KS

Part Number Description Qty Unit Price Total

1124	50/50 POZ CEMENT MIX	115.00	10.9500	1259.25
1118B	PREMIUM GEL / BENTONITE	293.00	.2100	61.53
1111	SODIUM CHLORIDE (GRANULA	222.00	.3700	82.14
1110A	KOL SEAL (50# BAG)	575.00	.4600	264.50
1401	HE 100 POLYMER	.50	47.2500	23.63
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00
	Description	Hours	Unit Price	Total
503	Description MIN. BULK DELIVERY	Hours 1.00	Unit Price 350.00	Total 350.00
503 666	-	-	350.00	
	MIN. BULK DELIVERY	1.00	350.00 1030.00	350.00
666	MIN. BULK DELIVERY CEMENT PUMP	1.00 1.00	350.00 1030.00 4.00	350.00 1030.00

Parts: 1719.05 Freight: .00 Tax: 125.50 AR 3484.55

Labor: .00 Misc: .00 Total: 3484.55
Sublt: .00 Supplies: .00 Change: .00

Signed______Date_____



ticket number 34928

LOCATION Ottawa

FOREMAN Alan Mader

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

FIELD TICKET & TREATMENT REPORT

20-431-9210 0	1 900-401-0010		CEMEN	11			
DATE	CUSTOMER#	WELL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
9-19-12	3244 Ba	duin was	+ AI-1	SW 1	/5	20	126
CUSTOMER	=	A		- William H. III	ta na tenang map		: :: 11 - 1511
Altavista Enersy MAILING ADDRESS TRUCK # DRIVER						TRUCK#	DRIVER
Ministry rounces						Safely	Mect
CITY	BOX 128	ZIP CODE	4	666	Bei Con	155	
	_	ت الما	ı	675	Ke ; Det	<u>KV</u>	
Welley			J	503	Chulet	1 220	
JOB TYPE 10 4	∨ <i>⊼</i> Ω/		_ HOLE DEPTH	940	Casing Size & V		78
CASING DEPTH_			_TUBING			OTHER bal	
SLURRY WEIGHT		RY VOL	WATER gai/s		CEMENT LEFT ID	CASING YE	೮
DISPLACEMENT		ACEMENT PSI 800		4 4/1	RATE5	pm	1.
REMARKS: De	d meeting,	Establis	red rai	R ///s)	COAPU	mpal.	a gal
palyma	er to con	dition h	ale t	ollowe	1641	DO# a	<u> </u>
Mixed	+ punge		SK 50	150 ce	ment	0/45 2	90 ga
5.70 c	ials, 5# K	alseal per	3966	<u>5, C.L.</u>	culated	2 cex	uent,
Flugi	hear pum	o Pump	ed. p	lugto	casin	& bastil	70
Well	helbe 2	SOD MIT	Set!	+18al	Claser	l valu	ље.
<u>Ta5</u>	Wes						
		- W			Alem	Mode	<u>~</u>
		·····			14 8000		
ACCOUNT CODE	QUANITY or UNI	rs DE	SCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
TH/21	1	PUMP CHARG	SE	-	leldo		1030.00
5406	20	MILEAGE			666		80.00
5402	281	casiv	is for	tage	666	<u> </u>	80.00
5407	Min		100		303	 	3 50 2
55020	2/(7)	100 L	<u> </u>	<u> </u>		<u> </u>	350.00
13020			'ac		67.5		180,00
					· · ·		
1124	115	TO 157	2 C A	a +		 	1070 -
	293	W 301.30	cem	ens	 		1259,2
HIRB	<u>270 </u>	<i>z</i>					6/53
11.11	5 (A) A .	1 194//	· · · · · · · · · · · · · · · · · · ·				83,14
110 A	5751		-				~ 1 1
1401 W402		al ROL	/ Mer	-·			23.63
<u> </u>	10	1 22	Plus		<u> </u>		28.00
			<u> </u>				
			 	-	<u> </u>	- SE - CC	35 TO 1 CO 1
		<u> </u>				11.00	1414101
	<u>-</u>					فالتدايد المال	<u> </u>
					•		
						SALES TAX	125.50
avin 3737	Jim DI	in A Lah		200	27/1/5	ESTIMATED	
MOITTIGORITH	JIM DI	C. A		<i>2</i> 53	3045	TOTAL	3484.5
			TT-1904 64	_			

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 for