

Kansas Corporation Commission Oil & Gas Conservation Division

1090110

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec Twp S. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date 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 II Approved by: Date:

Side Two



Operator Name:				Lease N	lame:			Well #:		
Sec Twp	S. R	East] West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rat line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures st, along with	s, whether s final chart(s	hut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	nole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional		Yes	☐ No		Log	g Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор		Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop)	d Electronically	☐ Yes ☐ Yes ☐ Yes	No No No							
List All E. Logs Run:										
		Report a		RECORD	New	Used	on, etc.			
Purpose of String	Size Hole Drilled	Size C Set (In	asing	Weig Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent additives
		<u> </u> 	DDITIONAL	CEMENTIN	IG / SQUE	EZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of 0	Cement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify	ON RECORD - Footage of Each	Bridge Plug n Interval Peri	s Set/Type forated			cture, Shot, Ceme mount and Kind of N	nt Squeeze Record Material Used)	d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
							Yes N	0		
Date of First, Resumed	Production, SWD or EN	IHR. Pr	oducing Meth	nod:	g	as Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	BI	ols.	Gas-Oil Ratio		Gravity
DISPOSITI	ON OF GAS:		N	METHOD OF	COMPLET	TION:		PRODUCTIO	ON INTER	VAL:
Vented Solo	Used on Lease		n Hole	Perf.	Dually (nmingled mit ACO-4)			
(11 verneu, 3u	10./	Othe	r (Specify)				I —			

Franklin County, KS Well: Brown AI-11 Lease Owner:AltaVista

Town Oilfield Service, Inc. Commenced Spudding: 6/11/2012

WELL LOG

Thickness of Strata	Formation	Total Depth
0-1	Soil	1
3	Soil & Lime	4
10	Lime	14
7	Shale	21
12	Lime	33
4	Shale	37
17	Lime	54
46	Shale	100
31	Lime	131
10	Shale	141
6	Lime	147
42	Shale	189
22	Lime	211
26	Shale	237
6	Lime	243
25	Shale	268
11	Lime	279
24	Shale	303
9	Lime	312
3	Shale	315
16	Lime	331
9	Shale	340
18	Lime	358
5	Shale	363
4	Lime	367
2	Shale	369
6	Lime	375
5	Shale	380
3	Lime	383
98	Shale	481
8	Sand and Lime	489
29	Shale	518
8	Lime	526
8	Shale	534
1	Lime	535
2	Shale	537
9	Lime	546
7	Shale	553
9	Lime	562
6	Shale	568

Franklin County, KS Well: Brown AI-11 Lease Owner:AltaVista

Town Oilfield Service, Inc. Commenced Spudding: 6/11/2012

4	Lime	572
8	Shale	590
3	Lime	593
10	Shale	603
2	Lime	605
3	Shale	608
9	Lime	617
7	Shale	624
2	Lime	626
3	Lime	629
5	Sandy Shale	634
2	Sand	636
7	Sand	643
5	Sand	648
3	Sand	651
5	Sandy Shale	656
33	Shale	689
6	Sand	695
5	Sand	700
4	Sandy Shale	704
76	Shale	780-TD

Short Cuts

TANK CAPACITY

BBLS. (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 RxD

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-II

Farm Brown

(State) Franklin

/ 9 / 6 2 | (Section) (Township) (Range)

For Altavista Energy (Well Owner)

Town Oilfield Services, Inc.

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

Brown Farm: Frankli VICounty State; Well No. AI-11	
	CASING AND TUBING MEASUREMENTS
Elevation 934	Feet In. Feet In. Feet In.
Commenced Spuding Jone 11 20 17	103 55 Battle
Finished Drilling June 12 20 12	75/10/
Driller's Name WESIZY Dollard	754.85 Float
Driller's Name	
Driller's Name	18
Tool Dresser's Name Seam Hutch	
Tool Dresser's Name Lyan Ward	
Tool Dresser's Name	
Contractor's Name	
19 16 21	
(Section) (Township) (Range)	
Distance from S line, 4200 ft.	
Distance from E line, 3615 ft.	
2 sacks	
8 415	
CASING AND TUBING	
RECORD	
10" Set 10" Pulled	
8" Set 8" Pulled	
6%" Set _ 2 6%" Pulled	
4" Set 4" Pulled	
2" Set 2" Pulled	-1-

Thickness of Strata	Formation	Total	Powerland
D-1	Scil	Depth	Remarks
3	Soil & lime	4	7
10	Lime	14	
7	Shal c	21	
12	Lime	33	
4	Shale	37	
17	Lime	54	
46	Shale	100	
31	Lime	131	
10	Shale	14)	
<u></u> Lo	Lime	147	
42	Shale	189	
22	Lime	211	
26	Shale	237	
ي و	Lime	243	
35	Shale	268	
71	Lime	279	
24	Shorte	303	
9	Lime	312	
3	5herle	315	
16	Lime	331	
	Shale	340	
14	Lime	358	
5	Shorte	363	
7 2	Lime	367	
6	Lime	369	ŷ.
9	2	17/7	

-2-

		375	
Thickness of Strata	Formation	Total Depth	Remarks
5	shalf	380	
3	Lime	383	:
98	Shale	481	7
8	sand & lime	489	no Oil
29	shale	518	
\$	Lime	526	
8	shale	534	
1	Lime	535	
3	shale	537	
9	Lime	546	
	shalt	553	
9	Lime	562	
<u>(c</u>	Shale	568	
4	Lime	572	_
8	Shall	590	
3	Lime	593	
10	shale	603	
a	Lime	605	
3	Shale	608	
9	Lime	617	
	shale	624	
フ ネ 3	Lime	626	
3	Lime	629	0:1
5	Sandy shale	634	no Oil
	sand	636	10% Oil
7	sand	643	solid oil perf god
5	sand	648	75% 011/ Geed
	-4-		

-5-

Markey		648	
Thickness of Strata	Formation	Total Depth	Remarks
3	Sand	651	10% Dil - pert
5	Sindy shale	656	10 % Cil - per +
33	shalle	689	
	sand	695	Solid Oil
5	Sand	700	no Oil
	soindy shale	704	
76	Shale	780	TD
	-6-		7
	-		-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 # 250520

Invoice Date: 06/15/2012 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 BROWN AI-11 39882 19-16-21 06-12-2012 KS

Qty Unit Price Total Description Part Number 1160.70 10.9500 50/50 POZ CEMENT MIX 106.00 1124 58.38 .2100 PREMIUM GEL / BENTONITE 278.00 1118B 75.85 .3700 SODIUM CHLORIDE (GRANULA 205.00 1111 .4600 243.80 KOL SEAL (50# BAG) 530.00 1110A 1.00 28.0000 28.00 2 1/2" RUBBER PLUG 4402 47.2500 23.63 .50 HE 100 POLYMER 1401 Total Hours Unit Price Description 80 BBL VACUUM TRUCK (CEMENT) 2.00 90.00 180.00 369 1030.00 1030.00 1.00 495 CEMENT PUMP 4.00 80.00 20.00 EOUIPMENT MILEAGE (ONE WAY) 495 .00 .00 755.00 495 CASING FOOTAGE 350.00 350.00 1.00 MIN. BULK DELIVERY 548

Parts: 1590.36 Freight: .00 Tax: 124.04 AR 3354.40

Labor: .00 Misc: .00 Total: 3354.40
Sublt: .00 Supplies: .00 Change: .00

Signed______Date____



TICKET NUM	BER	39882
LOCATION_	Ottar	u a KS
FOREMAN	Fred	mader

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

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#) WEL	L NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/12/12	3244	Brow	N # HI-11	NW 19	16	21	FR
USTOMER	× 1 F				in the second		(i),在新疆南海。
AILING ADDR	. uista En	revery		TRUCK#	DRIVER	TRUCK#	DRIVER
0		,	8	506	FREMAD	Safety	MA
P.O.	Box 128	STATE	ZIP CODE	495	HARBEC	ItB "	<i>d</i> .
8215 B	r li		, and the second se	369	DERMAS	DW	<u></u>
Wells	- CONTROL - CONT	KS	S78 HOLE DE	548	MIKHAA	MA	
	nirtega	HOLE SIZE			CASING SIZE & W	50.500 C-XXXXX	EUE
ASING DEPTH	INCOME SECTION OF SECTION AND SECTION OF SECTION AND S		Baffle in TUBING			OTHER	<u> </u>
LURRY WEIGI	WOODS STORY SALE	SLURRY VOL_	WATER g	al/sk	CEMENT LEFT In		May 33,
ISPLACEMEN	2	DISPLACEMEN			RATE SRPM		
A 4500	stablish	1	rate, Mix + F	Pump 126al	11E .100 po	lymer	
Circu	late to c	and it low	hole. Mixx	Pump 100	Gal Flush	Dix + 1	Domp
106	151 <u>1</u>	/	mix Coment 2	16 Cel 5/0 So	ult 5" Kol	Sal/sic.	
1ºem	The state of the s	u + tace	Flush pump	+ lines clea	u. Displa	ce 2%	
rubb			e in casing.	Prossure	to 800-1	PSI. Rela	ease
pres	sure 170	Sex floor	ex value 5h	ut in cast	ug.		68 (SEE
					<i>-</i>		
							F1-
10 W	5 Dillim	y - Wes	ا ا		Fred	Mali	
		8			7		
ACCOUNT CODE	QUANITY	or UNITS	DESCRIPTION	of SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
5401		(PUMP CHARGE	Name of the last	495		10300
5406		20					/0.30=
3706		χ <u>υ</u>	MILEAGE		4951		80 00
	75				495		
5402	75	5	Casing footo	<i>y</i>			N/C
5402 5407	750 Minima	5 M	Casing foota	/	<i>34</i> 8		N/c
5402	750 Minima	5	Casing footo	/			N/c
5402 5407 5502C	75. Minima 2	m hvs	Cosing footo Ton Miles 80 BBC Vac	Truck	<i>34</i> 8		N/c 3.5000 18000
5402 5407 5502C	755 Minima 2	5 m hvs '06 sks	Cosing footo Ton Miles 80 BBL Vac 50/90 Por Mi	Truck × Coment	<i>34</i> 8		1/60 20
5402 5407 5502C //24 //18	755 Minima 2	5 hvs 106 sks	Cosing footo Ton Miles 80 BBC Vac 50/90 Por Mi Premium Cu	Truck × Coment	<i>34</i> 8		1/60 300 1/60 300
5402 5407 5502C //24 //24 ///63	755 Minimu 2	106 sks	Cosing footo Ton Miles 80 BBL Vac 50/90 Por Mi Premium Cu Granulated	Truck × Coment	<i>34</i> 8		1/60 30 1/60 30 1/60 30
5402 5407 5502C //24 //1513 ////	755 Minimu 2	5 hvs 106 sks	Soloo Por Miles Soloo Por Miles Soloo Por Miles Premium Cu Granulated S Kol Scal	Truck * Coment	<i>34</i> 8		1/60 30 1/60 30 2/3 50
5402 5407 5502C 1/24 111813 1111 111014 4402	755 Minimu 2	106 sks	Cosing footo Ton Miles 80 BBL Vac 50/30 Por Mi Premium Co Granulated S Kol Scal 2/2" Rubber P	Truck * Coment	<i>34</i> 8		1/60 20 1/60 20 2/3 50 2/3 50 2/3 50
5402 5407 5502C 1/24 111513 1111	755 Minimu 2	106 sks	Soloo Por Miles Soloo Por Miles Soloo Por Miles Premium Cu Granulated S Kol Scal	Truck * Coment	<i>34</i> 8		1/60 20 1/60 20 2/3 50 2/3 50 2/3 50
5402 5407 5502C 1/24 111813 1111 111014 4402	755 Minimu 2	106 sks	Cosing footo Ton Miles 80 BBL Vac 50/30 Por Mi Premium Co Granulated S Kol Scal 2/2" Rubber P	Truck * Coment	<i>34</i> 8		1/60 20 1/60 20 2/3 50 2/3 50 2/3 50
5402 5407 5502C 1/24 111813 1111 111014 4402	755 Minimu 2	106 sks	Cosing footo Ton Miles 80 BBL Vac 50/30 Por Mi Premium Co Granulated S Kol Scal 2/2" Rubber P	Truck * Coment	<i>34</i> 8		
5402 5407 5502C 1/24 111813 1111 111014 4402	755 Minimu 2	106 sks	Cosing footo Ton Miles 80 BBL Vac 50/30 Por Mi Premium Co Granulated S Kol Scal 2/2" Rubber P	Truck * Coment	<i>34</i> 8		1/60 20 1/60 20 583 7565 243 50 2800
5402 5407 5502C 1/24 111813 1111 111014 4402	755 Minimu 2	106 sks	Cosing footo Ton Miles 80 BBL Vac 50/30 Por Mi Premium Co Granulated S Kol Scal 2/2" Rubber P	Truck * Coment	<i>34</i> 8		1/60 20 1/60 20 583 7565 243 50 2800
5402 5407 5502C 1/24 111813 1111 1110 14 4402	755 Minimu 2	106 sks	Cosing footo Ton Miles 80 BBL Vac 50/30 Por Mi Premium Co Granulated S Kol Scal 2/2" Rubber P	Truck * Coment	348 369		1/60 20 1/60 20 2/3 50 2/3 50 2/3 50
5402 5407 5502C 1/24 111813 1111 111014 4402	755 Minimu 2	106 sks	Cosing footo Ton Miles 80 BBL Vac 50/30 Por Mi Premium Co Granulated S Kol Scal 2/2" Rubber P	Truck * Coment	<i>34</i> 8	SALES TAX	1/60 ²⁰ 1/60 ²⁰ 1/60 ²⁰ 23 ³ 243 ⁵⁰ 243 ⁵⁰ 23 ⁶³
5402 5407 5502C 1/24 111813 1111 111014 4402	755 Minimu 2	106 sks	Cosing footo Ton Miles 80 BBL Vac 50/30 Por Mi Premium Co Granulated S Kol Scal 2/2" Rubber P	Truck * Coment	348 369	ESTIMATED	1/60 20 1/60 20 1/60 20 2/3 50 2/3 63
5402 5407 5502C 1/24 1115 H 1110 H 4402 1401	755 Minimu 2	06 sks 205# 530# 1/2 Gal	Cosing footo Ton Miles 80 BBL Vac 50/30 Por Mi Premium Co Granulated S Kol Scal 2/2" Rubber P	Truck * Coment	7.8%		1/60 ²⁰ 1/60 ²⁰ 1/60 ²⁰ 28 ³ 25 ⁶ 243 5 ⁶ 23 63