Confidentiality Requested: Yes No

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

1227717

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 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: ()	
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:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) 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 ENHR Conv. to SWD	
Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. 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	
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		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		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 Percent Additives
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purpose:	Depth	Type of Cement	# Sacks Used		Type and F	Percent Additives	

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

 No
 (If No, skip questions 2 and 3)

 No
 (If No, skip question 3)

No

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated			Ad		ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD:	Siz	re: Set	At:	Packe	r At:	Liner Ru	n:	No	
Date of First, Resumed	Producti	on, SWD or ENHR.	Producing I		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO		AS:	1	METHOD	OF COMPLE			PRODUCTION INT	FRVAL:
Vented Sold	_	Jsed on Lease	Open Hole	Perf.		Comp.	Commingled (Submit ACO-4)		
(If vented, Sub	omit ACO	-18.)	Other (Specify)	(Submit)	,	(500/mit ACC-4)		

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

Miami County, KS Well:W. Goetz A-21 Lease Owner:AltaVista

Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400 9/12/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
6	Soil-Clay	6
14	Lime	20
8	Shale	28
6	Lime	34
41	Shale	75
14	Lime	89
10	Shale	99
30	Lime	129
8	Shale	137
20	Lime	157
6	Shale	163
3	Lime	166
2	Shale	168
6	Lime	174
101	Shale	275
5	Sand	280
27	Shale	307
9	Shale	316
17	Shale	333
11	Lime	344
11	Shale	345
2	Sand	347
4	Sandy Shale	351
5	Shale	356
9	Sand	365
6	Sandy Shale	371
23	Shale	394
9	Lime	403
11	Shale	414
2	Lime	416
14	Shale	430
8	Lime	438
20	Shale	458
3	Lime	461
3	Shale	464
7	Lime	471
4	Shale	475
1	Sand	476
2	Sand	478
1	Sand	479

Miami County, KS Well:W. Goetz A-21 Lease Owner:AltaVista

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

Commenced Spudding: 9/12/2014

2	Sand	481
1	Sand	481
2	Sand	484
2	Sand	486
1	Sand and Lime	487
4	Sandy Shale	491
62	Shale	553
4	Sand	557
25	Shale	582
3	Sandy Shale	· 585
1	Sand and Lime	586
1	Sand	587
16	Shale	603
10	Sandy Shale	613
27	Sand and Sandy Shale	640-TD
		· · · · · · · · · · · · · · · · · · ·
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		······
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Short Cuts

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) + (D-d)²

* Need these to figure belt length WATTS TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP

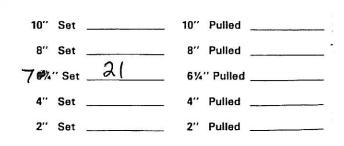
Log Book Well No. <u>A-21</u> Farm <u>West Goetz</u> <u>KS</u> <u>Miami</u> (State) (County) <u>S</u> <u>15</u> <u>22</u> (Section) (Township) (Range) For <u>Altavista Enersy inc</u> (Well Owner)

Town Oilfield Services, Inc. 1207 N. 1st East

Louisburg, KS 66053 913-710-5400

West Groetz Farm: _ Migm. _ County A-2 State; Well No. _ 897 Elevation S Commenced Spuding 15 Finished Drilling **Driller's Name Driller's Name Driller's Name** Oliver **Tool Dresser's Name Tool Dresser's Name Tool Dresser's Name** OS **Contractor's Name** 18 22 X (Section) (Township) (Range) 3135 Distance from _ line, ft. 115 Distance from line, ft. 4 sacles 10 his

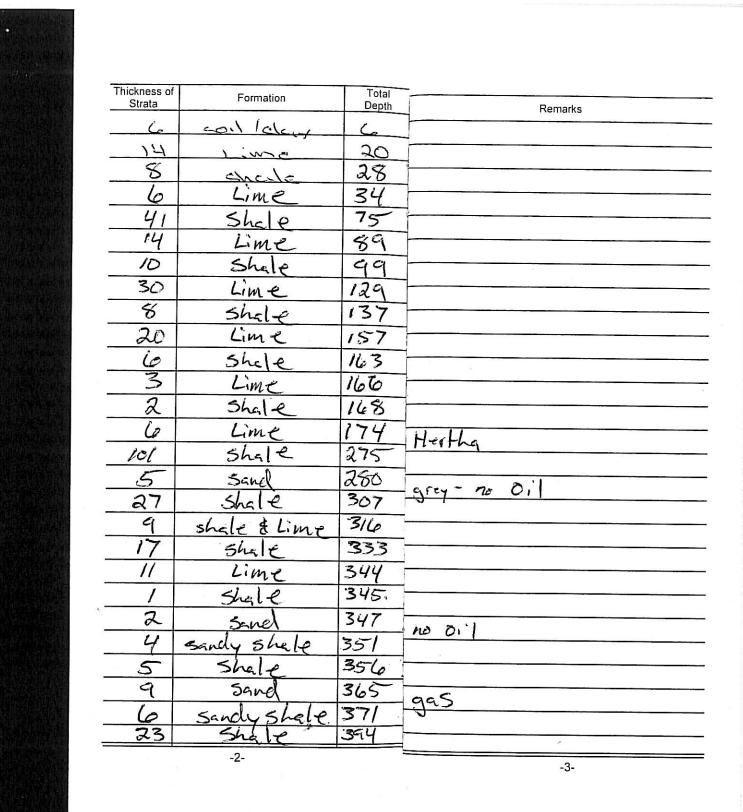
CASING AND TUBING RECORD



CASING AND TUBING MEASUREMENTS

Feet In. Feet In. Feet In 474.45 Sect Norle	
1174 W a hold	
474.45 sat nople	
506.20 Barfire 566.90 Flort	
566.90 FLONT N	3
2/4	1
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		394	
Thickness of Strata	Formation	Total Depth	Remarks
9	Lime	403	Remarks
11	Shale	414	
2	Lime	416	-
14	Shell	430	
z	Lime	438	
20	Shelp	458	
3	Lime	461	
3	Shalf	464	_
7	Lime	471	
Ч	shale	475	
1	Sand	476	no oil
2	Sano	47%	broken -50%
1	Save	479	solid
2	Sand	481	
1	Sinc	482	Solid good Stor
2	Sand	484	-broken - 50%
2	Save	486	Solid
/	sand & lime	487	solid sand
4	soudy shale	491	source - source /
62	Shale	553	
4	Sinel	557	no Oil
25	Shale	582	
3	sendy shall	585	
	sind & lime	586	No 0;1
1	Sane Sane	587	no Dil
16	Shelp	603	
10	Sandy Stelle	613	
	-4-		-5-

			· .
		613	
Thickness of Strata	Formation	Total Depth	Remarks
27	sind & sindy shell	640	water -TD
		6	
			-
	-6-		-7-

Oil Well Serv	ices, LLC Consolidated C Do P.O.	REMIT TO Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346		AIN OFFICE P.O. Box 884 ute, KS 66720 800/467-8676 620/431-0012
INVOICE			Invoice #	271181
Invoice Date: 09/19	/2014 Terms: 0/30/1		============ Pa	======== age 1
ALTAVISTA ENERG 4595 K-33 HIGHW P.O. BOX 128 WELLSVILLE KS (785)883-4057		W GOETZ #A-21 48203 NE8-18-22 9-15-14 KS		
Part Number 1124 1118B 1111 1110A 4402	Description 50/50 POZ CEMENT MIX PREMIUM GEL / BENTON SODIUM CHLORIDE (GRA KOL SEAL (50# BAG) 2 1/2" RUBBER PLUG	84.00 ITE 241.00	.2200 .3900 .4600	Total 966.00 53.02 63.57 193.20 29.50
Sublet Performed 9995-120	Description CEMENT EQUIPMENT DIS	COUNT		Total -382.74
Description 495 CEMENT PUMP 495 EQUIPMENT MILE 495 CASING FOOTAGE 503 MIN. BULK DELI 675 80 BBL VACUUM	VERY	1.00 25.00 566.00		Total 1085.00 106.00 .00 368.00 150.00

Amount Due 3114.15 if paid after 09/29/2014

========			========	===========	===========	========	===============
Parts:	1305.29	Freight:	.00	Tax:	70.58	AR	2702.13
Labor:	.00	Misc:	.00	Total:	2702.13		
Sublt:	-382.74	Supplies:	.00	Change:	.00		
	==========		=========				=============

271181

TICKET NUMBER	48203
LOCATION 045	awa KS
	d Madar

DATE

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

Consolida

Gil Well Services, LLC

FIELD TICKET & TREATMENT REPORT

Hitauista knergy IncTRUCK#DRIVERTRUCK#MAILING ADDRESS7.2Fre Mad7.2P.O. Boy 128495Har Bec495CITYSTATEZIP CODE6.75Ki: Dat	COUNTY
CUSTOMER Hawista Energy Inc Indiana Antiput Harding Contract Antiput Harding C	H HANDBARD
Hitawista Energy Inc TRUCK# DRIVER TRUCK# MAILING ADDRESS 712 Fre Mad P.O. Boy 128 495 Har Bec CITY STATE ZIP CODE	the state of the s
MAILING ADDRESS P.O. Boy 128 CITY STATE ZIP CODE 495 Har Bee 675 Ki: Det	
CITY STATE ZIP CODE 495 Har Bec 675 Ke: Dat	
CITY STATE ZIP CODE 675 Ke: Det	
Wellsville KS 66092 503 Tro Hor	
JOB TYPE Long String HOLE SIZE 5/18 HOLE DEPTH 569 CASING SIZE & WEIGHT 5/18	
CASING DEPTH Store DRILL PIPE Battle in TUBING @ 506 OTHER	
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT IN CASING 60 ¥	Plug
DISPLACEMENT 2.9489L DISPLACEMENT PSI MIX PSI RATE 5 8 PM	
REMARKS: Hold orew safety marting. Establish sump rate. Mix+Pi	
100 th Gel Flush. MEx + Pump 84 5KS 50/50 Por Mix Came	x'
	ush
pumpt lines clean. Displace 21/2" Rubber plug to Cosm	F
Baffle- Pressure to 800 # PSI. Release pressure to sa	x
float Value. Shortin Castry.	
0	
TOS Drilling. Wesley Dollard Ful Made	
ACCOUNT QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE	TOTAL
5401 1 PUMP CHARGE 495	1085 ° V
5406 25 m; MILEAGE 495	106000
5402 566 Cashir footoge	NIC "
5407 Monimum Ton Miler	36800
.5502c 12hr 80 BBL Vac Truck 675	1500
1124 545KS 50/50 Por Mix Comput 96692	
11EB 241# Premium Gel 53021	•
1111 1634 Grandbord Salt (250)	0
1110A 420 [±] Kol Seal 193 ²⁰ Material 1275 ²⁹	
Material 127529	•
Less Zach - 382 Th	
	893 05
4402 1 24° Rubber Plug	893 as
3113 11	
	70-53
Pavin 3737	

AUTHORIZTION

Bujan

or VIL

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.

TITLE_