

Confidentiality Requested:

Yes  No

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

Form ACO-1

January 2018

**Form must be Typed**

**Form must be Signed**

**All blanks must be Filled**

**WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

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: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. 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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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 / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Woodson County, KS  
Well: Section 35 A-25  
Lease Owner: AltaVista

Town Oilfield Service, Inc.  
(913) 294-2125

Commenced Spudding:  
7/13/2018

WELL LOG

Thickness of Strata	Formation	Total Depth
0-18	Soil-Clay	18
117	Shale	135
6	Lime	141
13	Sand	154
2	Shale	156
16	Lime	172
3	Shale	175
20	Lime	195
47	Shale	242
94	Lime	336
5	Shale	341
20	Lime	361
55	Lime	416
8	Shale	424
9	Sand	433
3	Shale	436
15	Lime	451
19	Sand	470
3	Lime	473
5	Shale	478
23	Lime	501
45	Lime	546
7	Shale	553
20	Lime	573
3	Shale	576
29	Lime	605
162	Shale	767
5	Lime	772
16	Shale	788
10	Lime	798
8	Shale	806
11	Sand	817
42	Shale	859
3	Lime	862
5	Shale	867
10	Lime	877
15	Shale	892
3	Lime	895
15	Shale	910
5	Lime	915



# Short Cuts

## TANK CAPACITY

BBLs. (42 gal.) equals  $D^2 \times .14 \times h$   
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 -  $RPM \times d$  over  $SPM \times R$

d -  $SPM \times R \times D$  over RPM

SPM -  $RPM \times D$  over  $R \times d$

R -  $RPM \times D$  over  $SPM \times d$

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

\* Need these to figure belt length

TO FIGURE AMPS:  $\frac{WATTS}{VOLTS} = AMPS$

746 WATTS equal 1 HP

# Log Book

Well No. A-25

Farm Section 35

KS Woodson  
(State) (County)

35 23 16  
(Section) (Township) (Range)

For Altavista Energy inc  
(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Section 35 Farm: Woodson County

KS State; Well No. A-25

Elevation 1023

Commenced Spuding 7-13 <sup>20</sup>18

Finished Drilling 7-17 <sup>20</sup>18

Driller's Name Wesley Dollard

Driller's Name Ryan Ward

Driller's Name \_\_\_\_\_

Tool Dresser's Name \_\_\_\_\_

Tool Dresser's Name \_\_\_\_\_

Tool Dresser's Name \_\_\_\_\_

Contractor's Name TOS

35 23 16

(Section) (Township) (Range)

Distance from S line, 1620 ft.

Distance from E line, 1380 ft.

6 sacks  
14 hrs  
5 5/8 barrel  
2 7/8 casing

**CASING AND TUBING RECORD**

10" Set \_\_\_\_\_ 10" Pulled \_\_\_\_\_

8" Set \_\_\_\_\_ 8" Pulled \_\_\_\_\_

7 7/8" Set 40 6 7/8" Pulled \_\_\_\_\_

4" Set \_\_\_\_\_ 4" Pulled \_\_\_\_\_

2" Set \_\_\_\_\_ 2" Pulled \_\_\_\_\_

**CASING AND TUBING MEASUREMENTS**

Feet	In.	Feet	In.	Feet	In.
987.55				sat nipple	
1055.5				Bore	
1087.2				Float	
1100 TD				2 7/8	

Thickness of Strata	Formation	Total Depth	Remarks
0-18	soil-clay	18	
117	Shale	135	
6	Lime	141	
13	sand	154	water
2	Shale	156	
16	Lime	172	
3	Shale	175	
20	Lime	195	
47	Shale	242	
94	Lime	336	
5	Shale	341	
20	Lime	361	
55	Lime	416	white-water
8	Shale	424	
9	sand	433	no oil
3	Shale	436	
15	Lime	451	
19	sand	470	no oil
3	Lime	473	
5	Shale	478	
23	Lime	501	
45	Lime	546	oil show
7	Shale	553	
20	Lime	573	
3	Shale	576	
29	Lime	605	Heath
162	Shale	767	



767

Thickness of Strata	Formation	Total Depth	Remarks
5	Lime	772	
16	Shale	788	
10	Lime	798	
8	Shale	806	
11	Sand	817	no oil
42	Shale	859	
3	Lime	862	
5	Shale	867	
10	Lime	877	
15	Shale	892	
3	Lime	895	
15	Shale	910	
5	Lime	915	
17	Shale	932	
4	Lime	936	
10	Shale	946	
2	Lime	948	
6	Shale	954	
3	Sand	957	broken - odor - no oil show
6	Sand	963	broken - good oil show
21	sandy shale	984	
1	Lime	985	
3	Shale	988	
1	Lime	989	
10	Sand	999	solid - good saturation
101	sandy shale	1100	TD



REMIT TO  
 QES Pressure Pumping LLC  
 Dept:970  
 P.O.Box 4346  
 Houston, TX 77210-4346

MAIN OFFICE  
 P.O.Box884  
 Chanute,KS 66720  
 620/431-9210,1-800/467-8676  
 Fax 620/431-0012

Invoice Invoice# 813654

Invoice Date: 07/18/18 Terms: Net 30 Page 1

ALTAVISTA ENERGY INC  
 PO BOX 128  
 WELLSVILLE KS 66092  
 USA  
 7858834057

SECTION 35 #A-25

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	45.000	825.00
CE0002	Equipment Mileage Charge - Heavy Equipment	40.000	7.1500	45.000	157.30
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	45.000	363.00
WE0853	80 BBL Vacuum Truck (Cement Services)	4.000	100.0000	45.000	220.00
CC5840	Poz-Blend I A (50:50)	118.000	13.5000	45.000	876.15
CC5965	Bentonite	398.000	0.3000	45.000	65.67
CC6077	Kolseal	590.000	0.5000	45.000	162.25
CC5326	Sodium Chloride, Salt	248.000	1.0000	45.000	136.40
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	45.000	24.75

Subtotal 5,146.40  
 Discounted Amount 2,315.88  
 SubTotal After Discount 2,830.52

Amount Due 5,318.93 If paid after 08/17/18

Tax: 94.89  
 Total: 2,925.41





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

5m-11138  
FO-17384  
FT-11025

TICKET NUMBER 54060  
LOCATION Ottawa, KS  
FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT  
CEMENT

Invoice # 813654

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7/17/18	3244	Section 35 # A-25	SE 35	23	16	WO
CUSTOMER Attavista Energy						
MAILING ADDRESS PO Box 128						
CITY Wellsville		STATE KS	ZIP CODE 66092			
		TRUCK #	DRIVER	TRUCK #	DRIVER	
		729	Casey	✓	Safety Meeting	
		467	KeiCar	✓		
		558	HarBec	✓		
		675	KeiDet	✓		

JOB TYPE longstring HOLE SIZE 5 5/8" HOLE DEPTH 1100' CASING SIZE & WEIGHT 2 7/8" EUE  
CASING DEPTH 1087' DRILL PIPE \_\_\_\_\_ TUBING baffle-1055' OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
DISPLACEMENT 6.11 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200#  
Gel followed by 5 bbls fresh water, mixed & pumped 118 sks  
Portland IA cement w/ 2% gel, 5% salt, + 15# Kalseal per sk,  
cement to surface, flushed pump clean, pumped 2 1/2" rubber plug  
to baffle w/ 6.11 bbls fresh water, pressured to 800 PSI, released  
pressure to set float valve.

*Casey Kennedy*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	
CE0002	40 mi	MILEAGE	286.00	
CE0711	min	you mileage	660.00	
WE0853	4 hrs	80 Vac	400.00	
		trucks	2846.00	
		- 45%	1280.70	
		subtotal		1565.30
CC5840	118 sks	Portland IA cement	1593.00	
CC5965	398 #	Gel	119.40	
CC6077	590 #	Kalseal	295.00	
CC5320	248 #	Salt	245.00	
CP8170	1	2 1/2" rubber plug	45.00	
		Materials	2300.40	
		- 45%	1035.18	
		subtotal		1265.22
		7.5%		
		SALES TAX		94.89
		ESTIMATED TOTAL		2925.41

SCANNED  
7-18 AM

Ravin 3737

AUTHORIZATION Bryan Mills TITLE \_\_\_\_\_ DATE (5318.93)

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.