

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-27
Lease Owner:AltaVista

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

Commenced Spudding:
7/17/2018

WELL LOG

Thickness of Strata	Formation	Total Depth
0-15	Soil-Clay	15
123	Shale	138
11	Lime	149
9	Sand	158
37	Lime	195
54	Shale	249
90	Lime	339
3	Shale	342
23	Lime	365
50		414
1	Shale	415
3	Lime	418
11	Shale	429
4	Sand	433
1	Shale	434
3	Lime	437
3	Shale	440
1	Lime	441
3	Shale	444
37	Sand	481
69	Lime	550
5	Shale	555
28	Lime	583
2	Shale	585
12	Lime	597
4	Shale	601
2	Lime	603
164	Shale	767
6	Lime	773
18	Shale & Lime	791
10	Lime	801
61	Shale	862
3	Lime	865
5	Shale	870
8	Lime	878
14	Shale	892
3	Lime	895
15	Shale	910
5	Lime	915
16	Shale	931

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-27

Farm

Section 35

KS
(State)

Woodson
(County)

35
(Section)

23
(Township)

16
(Range)

For

Altavista Energy Inc
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
0-15	soil - clay	15	
123	Shale	138	
11	Lime	149	
9	sand	158	no oil
37	Lime	195	
54	Shale	249	
90	Lime	339	
3	Shale	342	
23	Lime	365	
50	Lime	414	white - water
1	Shale	415	
3	Lime	418	
11	Shale	429	
4	sand	433	no oil
1	Shale	434	
3	Lime	437	
3	Shale	440	
1	Lime	441	
3	Shale	444	
37	sand	481	no oil
69	Lime	550	
5	Shale	555	
28	Lime	583	
2	Shale	585	
12	Lime	597	
4	Shale	601	
2	Lime	603	

603

Thickness of Strata	Formation	Total Depth	Remarks
164	Shale	767	
6	Lime	773	
18	Shale & Lime	791	
10	Lime	801	
61	Shale	862	
3	Lime	865	
5	Shale	870	
8	Lime	878	
14	Shale	892	
3	Lime	895	
15	Shale	910	
5	Lime	915	
16	Shale	931	
5	Lime	936	
10	Shale	946	
2	Lime	948	
4	shale	952	
31	sandy shale	983	
1	Lime	984	
2	shale	986	
4	sand	990	solid - good saturation
2	sand	992	no oil
8	sand	1000	broken - good saturation
100	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# 813683

Invoice Date: 07/24/18 Terms: Net 30 Page 1

ALTAVISTA ENERGY INC
 PO BOX 128
 WELLSVILLE KS 66092
 USA
 7858834057

SECTION 35 #A-27

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)	2.500	100.0000	45.000	137.50
CC5840	Poz-Blend I A (50:50)	113.000	13.5000	45.000	839.03
CC5965	Bentonite	390.000	0.3000	45.000	64.35
CC5326	Sodium Chloride, Salt	237.000	1.0000	45.000	130.35
CC6077	Kolseal	565.000	0.5000	45.000	155.38
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	45.000	24.75

Subtotal 4,903.00
 Discounted Amount 2,206.35
 SubTotal After Discount 2,696.65

Amount Due 5,068.53 If paid after 08/23/18

Tax: 91.04
 Total: 2,787.70



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

JM-11154
PO-17399
FF-11040

TICKET NUMBER 54062
LOCATION Ottawa, KS
FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice #813683

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7/19/18	3244	Section 35 # A-27	SE 35	23	16	WO
CUSTOMER <u>Atavista Energy</u>						
MAILING ADDRESS <u>PO Box 128</u>						
CITY <u>Wellsville</u>		STATE <u>KS</u>	ZIP CODE <u>66092</u>			
		TRUCK #	DRIVER	TRUCK #	DRIVER	
		<u>729</u>	<u>Casey</u>	<u>✓</u>	<u>Safety Meeting</u>	
		<u>467</u>	<u>Kei Det</u>	<u>✓</u>		
		<u>558</u>	<u>Har Bec</u>	<u>✓</u>		
		<u>675</u>	<u>Kei Det</u>	<u>✓</u>		

JOB TYPE long string HOLE SIZE 5 5/8" HOLE DEPTH 1100' CASING SIZE & WEIGHT 2 7/8" EUE
 CASING DEPTH 1078 DRILL PIPE _____ TUBING baffle - 1042' OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 36'
 DISPLACEMENT 6.03 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 113 sks Pozblend 1A cement w/ 2% gel, 5% salt, + 5 # Kolsaal per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to baffle w/ 6.03 bbls fresh water, pressured to 200 PSI, released pressure to set float valve.

Handwritten signature

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<u>CE0450</u>	<u>1</u>	<u>PUMP CHARGE</u>	<u>1500.00</u>	
<u>CE0002</u>	<u>40 mi</u>	<u>MILEAGE</u>	<u>286.00</u>	
<u>CE0711</u>	<u>min</u>	<u>ton mileage</u>	<u>660.00</u>	
<u>WE0853</u>	<u>2.5 hrs</u>	<u>80 lbc</u>	<u>250.00</u>	
		<u>trucks</u>	<u>2696.00</u>	
		<u>-45%</u>	<u>1213.20</u>	
		<u>subtotal</u>		<u>1482.80</u>
<u>CC5840</u>	<u>113 sks</u>	<u>Pozblend 1A cement</u>	<u>1525.50</u>	
<u>CC5965</u>	<u>890 #</u>	<u>Gel</u>	<u>117.00</u>	
<u>CC5326</u>	<u>237 #</u>	<u>Salt</u>	<u>237.00</u>	
<u>CL6077</u>	<u>565 #</u>	<u>Kolsaal</u>	<u>282.50</u>	
<u>CP8176</u>	<u>1</u>	<u>2 1/2" rubber plug</u>	<u>45.00</u>	
		<u>materials</u>	<u>2207.00</u>	
		<u>-45%</u>	<u>993.15</u>	
		<u>subtotal</u>		<u>1213.85</u>
		<u>7.5%</u>		<u>91.04</u>
		<u>SALES TAX</u>		<u>91.04</u>
		<u>ESTIMATED TOTAL</u>		<u>2787.00</u>
				<u>(5068.53)</u>

SCANNED
7-20 AM

Ravin 3737

AUTHORIZATION Bryan Miller TITLE _____ DATE (5068.53)

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.