



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1257607  
OIL & GAS CONSERVATION DIVISION

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 # \_\_\_\_\_

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       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- 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 ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

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
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1257607

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  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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Miami County, KS  
 Well: Nevius A-13  
 Lease Owner: Altavista Energy

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

Commenced Spudding:  
 4-30-2015

WELL LOG

Thickness of Strata	Formation	Total Depth
0 - 27	Soil - Clay	27
17	Shale	44
41	Lime	85
20	Shale	105
10	Lime	115
27	Shale	142
4	Lime	146
39	Shale	185
10	Lime	195
16	Shale	211
24	Lime	235
8	Shale	243
21	Lime	264
4	Shale	268
2	Lime	270
5	Shale	275
9	Lime	284
8	Shale	292
3	Sand	295
17	Shale	312
14	Sand	326
7	Sand	333
7	Sandy Shale	340
138	Shale	478
5	Lime	483
2	Shale	485
2	Lime	487
9	Shale	496
11	Lime	507
18	Shale	525
4	Lime	529
9	Shale	538
5	Lime	543
5	Shale	548
9	Lime	557
20	Shale	577
7	Lime	584
41	Shale	625
1	Sand	626
20	Core	646





# 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-13

Farm Neivus

KS Miami  
(State) (County)

17 16 24  
(Section) (Township) (Range)

For Altos Energy inc  
(Well Owner)

## Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

NO. 2112

Neivus Farm: Miami County

KS State; Well No. A-13

Elevation 1014

Commenced Spuding 4-30, 20 15

Finished Drilling 5-1, 20 15

Driller's Name Wesley Dillard

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

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

Tool Dresser's Name Ryan Ward

Tool Dresser's Name Lance Town

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

Contractor's Name TOS

17 16 24

(Section) (Township) (Range)

Distance from S line, 3795 ft.

Distance from E line, 2145 ft.

4 sacks 5 5/8 borehole

1 core 2 7/8 casing

9 hrs

**CASING AND TUBING  
RECORD**

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

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

~~7 1/2"~~ Set 23 6 1/4" Pulled \_\_\_\_\_

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

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

**CASING AND TUBING MEASUREMENTS**

Feet	In.	Feet	In.	Feet	In.
<u>623.75</u>		<u>Seat nipple</u>			
<u>655.55</u>		<u>Baffle</u>			
<u>686.05</u>		<u>Floor</u>			
				<u>2 7/8</u>	

Thickness of Strata	Formation	Total Depth	Remarks
0-27	Soil-clay	27	
17	Shale	44	
41	Lime	85	
20	Shale	105	
10	Lime	115	
27	Shale	142	
4	Lime	146	redbed
39	Shale	185	
10	Lime	195	
16	Shale	211	
24	Lime	235	
8	Shale	243	
21	Lime	264	
4	Shale	268	
2	Lime	270	
5	Shale	275	
9	Lime	284	Mertha
8	Shale	292	
3	sand	295	
17	shale	312	oil show - Heavy
14	sand	326	
7	sand	333	gas
7	sandy shale	340	solid oil - Heavy
138	shale	478	
5	Lime	483	
2	Shale	485	
2	Lime	487	



487

Thickness of Strata	Formation	Total Depth	Remarks
9	Shale	496	
11	Lime	507	
16	Shale	525	
4	Lime	529	
9	Shale	538	
5	Lime	543	
5	Shale	548	
9	Lime	557	
20	Shale	577	
7	Lime	584	
41	Shale	625	
1	sand	626	broken oil - part
20	core	646	page 6
19	sandy shale	665	
35	Shale	700	TD



REMIT TO  
 Consolidated Oil Well Services, 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# 804205

Invoice Date: 05/18/15 Terms: Net 30 Page 1

ALTAVISTA ENERGY INC  
 4595 K-33 HWY, PO BOX 128  
 WELLSVILLE KS 66092  
 USA  
 7858834057

NEVIUS #A-13

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,085.0000	30.000	759.50
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	4.2000	30.000	88.20
CE0461	Cement Pump Charge Below 12000'	686.000	0.0000	0.000	0.00
CE0711	Minimum Cement Delivery Charge	1.000	368.0000	30.000	257.60
CC5840	Poz-Blend I A (50:50)	83.000	11.5000	30.000	668.15
CC5965	Bentonite	240.000	0.2200	30.000	36.96
CC5326	Sodium Chloride, Salt	168.000	0.3900	30.000	45.86
CC6077	Kolseal	415.000	0.4600	30.000	133.63
4402	2 1/2 Rubber Plug	1.000	29.5000	30.000	20.65
WE0853	80 BBL Vacuum Truck (Cement Services)	1.500	100.0000	30.000	105.00

Subtotal 3,022.22  
 Discounted Amount 906.67  
 SubTotal After Discount 2,115.55

Amount Due 3,121.15 If paid after 06/17/15

Tax: 69.25  
 Total: 2,184.80



**CONSOLIDATED**  
Oil Well Services, LLC

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

2837  
2754

INVOICE # 804205

TICKET NUMBER 50990  
LOCATION Ottawa KS  
FOREMAN Fred Madur

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5.1.15	3244	Neuvus # A-13	NE 17	16	24	Mi
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Altavista Energy			712	Fred Madur		
MAILING ADDRESS			495	Har Bee		
P.O. Box 128			369	Mik Haas		
CITY	STATE	ZIP CODE	558	Arl Madur		
Wellsville	KS	66092				

JOB TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 700 CASING SIZE & WEIGHT 2 7/8 EUE  
 CASING DEPTH 686 DRILL PIPE Baffled TUBING @ 655 OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 3.8 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Hold safety meeting & Establish pump rate, Mix + Pump  
100# Gel Flush Mix + Pump 5ks 50/50 Poz Mix Cement  
2% Gel 5% Salt 5# Kol Seal/sk. Cement to surface. Flush  
pump + lines clean. Displace 2 1/2" Rubber plug to Baffle in  
casing. Pressure to 800#. Release pressure to set float  
valve. Shut in casing.

Tows Drilling,

Fred Madur

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	CE0450 / 1	PUMP CHARGE	495	1085.00
5406	CE0002 / 30 mi	MILEAGE	495	126.00
5402	CE0401 / 1/8 BBL	Casing footage		N/C
5407	CE0011 / Minimum	Ten Miles	558	368.00
5502C	DE0853 / 1 1/2 hr	80 BBL Vac Truck	369	150.00
		Sub Total		1729.00
		Less 30%		- 518.70
				1210.30
1124	CC5840 / 83 sks	50/50 Poz Mix Cement		954.50
1118B	CC5965 / 240#	Premium Gel		52.00
1111	CC5326 / 168#	Granulated Salt		65.52
1110A	CC6077 / 415	Kol Seal		190.00
4402	CP8176 / 1	2 1/2" Rubber Plug		29.50
		Material		1293.52
		Less 30%		- 387.06
				905.46
			7.65%	SALES TAX
				ESTIMATED
				TOTAL
				69.25
				2184.50
				(3121.15)

**IV completed**

Revin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 5.1.15

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