Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1228093

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 # 34350
Name: Altavista Energy, Inc.
Address 1: 4595 K-33 HIGHWAY
Address 2: PO BOX 128
City: WELLSVILLE State: KS Zip: 66092 + ____
Contact Person: Phil Frick
Phone: (785) 883-4057
CONTRACTOR: License # 33715
Name: Town Oilfield Service
Wellsite Geologist: None
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 #: ____

09/09/2014	09/11/2014	09/11/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-031-23995-00-00
Spot Description: ____
SW NE SE NW Sec. 14 Twp. 22 S. R. 16 ☑ East ☐ West
3465 Feet from ☐ North / ☑ South Line of Section
3135 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: ____ *(e.g. xx.xxxxx)* , Long: ____ *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Coffey
Lease Name: Marjorie Crotts Well #: 25
Field Name: ____
Producing Formation: Squirrel
Elevation: Ground: 1045 Kelly Bushing: 1045
Total Vertical Depth: 1123 Plug Back Total Depth: 1089
Amount of Surface Pipe Set and Cemented at: 50 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: ____ Feet
If Alternate II completion, cement circulated from: 1120
feet depth to: 0 w/ 145 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 30 bbls
Dewatering method used: Evaporated

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:** NAOMI JAMES **Date:** 10/17/2014

1228093

Operator Name: Altavista Energy, Inc. Lease Name: Marjorie Crotts Well #: 25

Sec. 14 Twp. 22 S. R. 16 ☑ East ☐ West County: Coffey

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☑ Yes ☐ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Gamma Ray/Neutron/CCL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Squirrel	1023	+22

CASING RECORD ☑ New ☐ 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
Surface	12.25	7	17	50	50/50 Poz	40	See Ticket
Production	5.875	2.875	7	1120	50/50 Poz	145	See Ticket

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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 *(Amount and Kind of Material Used)*	Depth
3	1023-1032 - 28 Perfs - 2" DML RTG		

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 10/10/2014

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	3				

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

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

DRILLERS LOG

API NO: 15 - 031 - 23995 - 00 - 00

OPERATOR: ALTAVISTA ENERGY INC

ADDRESS: 4595 K-33 HWY, P.O. BOX 128, WELLSVILLE, KS 66092

WELL #: 25 LEASE NAME: MARJORIE CROTTS

FOOTAGE LOCATION: 3465 FEET FROM (N) (S) LINE 3135 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

SPUD DATE: 9/9/2014

DATE COMPLETED: 9/11/2014

S. 14 T. 22 R. 16 E. W.

LOCATION: SW NE SE NW

COUNTY: COFFEY

ELEV. GR.: 1045

DF: KB:

GEOLOGIST: DOUG EVANS

TOTAL DEPTH: 1123 P.B.T.D.

OIL PURCHASER: COFFEYVILLE RESOURCES CRUDE TRANSPORTATION

CASING RECORD

REPORT OF ALL STRINGS - SURFACE, INTERMEDIATE, PRODUCTION, ETC.

PURPOSE OF STRING	SIZE HOLE DRILLED	SIZE CASING SET (in O.D.)	WEIGHT LBS/FT	SETTING DEPTH	TYPE CEMENT	SACKS	TYPE AND % ADDITIVES
SURFACE:	12.2500	7	19	50	OWC	58	SERVICE COMPANY
PRODUCTION:	5.8750	2.8750 8rd	6.5	1120	OWC	138	SERVICE COMPANY

WELL LOG

CORES: #1 - 1025 - 1040

RECOVERED:

ACTUAL CORING TIME:

RAN: 1 - FLOAT SHOE
1 - BAFFLE
3 - CENTRALIZERS
1 - SEATING NIPPLE
1 - COLLAR
1 - CLAMP

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	29
SAND GRAVEL	29	46
SHALE	46	231
LIME	231	253
SHALE	253	257
LIME	257	280
SHALE	280	368
LIME	368	381
SHALE	381	385
LIME	385	393
SHALE	393	429
LIME	429	491
SHALE	491	500
LIME	500	505
SHALE	505	529
SHALE & LIME	529	546
KC LIME	546	606
SHALE	606	611
KC LIME	611	635
SHALE	635	639
KC LIME	639	662
SHALE	662	803
LIME	803	804
SAND & SHALE	804	817
LIME	817	827
SHALE	827	837
LIME	837	847
SAND & SHALE	847	904
LIME	904	910
SAND & SHALE	910	930
LIME	930	934
SAND & SHALE	934	938
LIME	938	939
SAND & SHALE	939	950
LIME	950	953
SAND & SHALE	953	973
LIME	973	978
SAND & SHALE	978	984
LIME	984	989
SAND & SHALE	989	1021.5

FORMATION	TOP	BOTTOM
CAP LIME	1021.5	1022.5
SHALE	1022.5	1023
CAP LIME OIL	1023	1024
SAND & SHALE OIL	1024	1026
OIL SAND OIL	1026	1027
OIL SAND & SHALE	1027	1032
SHALE	1032	1074
LIME	1074	1076
SAND & SHALE	1076	1123 T.D.

CONSOLIDATED
Oil Well Services, LLC

REMIT TO
FINV
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 Invoice # 270990

Invoice Date: 09/11/2014 Terms: 0/30/10,n/30 Page 1

ALTAVISTA ENERGY INC
4595 K-33 HIGHWAY
P.O. BOX 128
WELLSVILLE KS 66092
(785)883-4057

M. CROTTS #25
48160
NW14-22-16
9-9-14
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	40.00	11.5000	460.00
1118B	PREMIUM GEL / BENTONITE	67.00	.2200	14.74
1110A	KOL SEAL (50# BAG)	200.00	.4600	92.00
1111	SODIUM CHLORIDE (GRANULA	78.00	.3900	30.42

Sublet Performed	Description	Total
9996-120	CEMENT MATERIAL DISCOUNT	-179.15

	Description	Hours	Unit Price	Total
369	80 BBL VACUUM TRUCK (CEMENT)	1.50	100.00	150.00
445	CEMENT PUMP (SURFACE)	1.00	870.00	870.00
445	EQUIPMENT MILEAGE (ONE WAY)	1.00	.00	.00
445	CASING FOOTAGE	51.00	.00	.00
558	TON MILEAGE DELIVERY	83.70	1.41	118.02

Amount Due 1771.91 if paid after 09/21/2014

Parts:	597.16	Freight:	.00	Tax:	25.71	AR	1581.74
Labor:	.00	Misc:	.00	Total:	1581.74		
Sublt:	-179.15	Supplies:	.00	Change:	.00		

Signed _____ Date _____

CONSOLIDATED
Oil Well Services, LLC

270990

TICKET NUMBER 48160
LOCATION Ottawa KS
FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-9-14	3244	M Crotts # 25	NW 14	22	16	CF

CUSTOMER: Alta Vista Energy Inc
MAILING ADDRESS: P.O. Box 128
CITY: Wellsville | STATE: KS | ZIP CODE: 66092

TRUCK #	DRIVER	TRUCK #	DRIVER
712	FreMad		
445	BleMan		
369	DJSweb		
558	BroBiV		

JOB TYPE Surface | HOLE SIZE 12 1/4 | HOLE DEPTH 51' | CASING SIZE & WEIGHT 7"
CASING DEPTH 51' | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 10' +
DISPLACEMENT 1.25 BBL | DISPLACEMENT PSI | MIX PSI | RATE 4 BPM

REMARKS: Hold crew safety meeting. Establish circulation thru 7" Casing. Mix & Pump 40 sks 50/50 Por Mix Cement 2% Gel 5% Salt 5# Kol Seal/sk. Cement to Surface. Displace 7" Casing clean w/ 1.25 BBL water. Shut in Casing.

Finney Drilling. Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE Surface Cement 445		870.00
5406	—	MILEAGE		N/C
5402	51'	Casing Footage		N/C
5407A	83.70	Ton Miles 558		118.02
5502C	1½ hr	80 BBL Vac Truck 369		150.00
1124	40 sks	50/50 Por Mix Cement	460.00	
1118B	67#	Premium Gel	14.24	
1110A	200#	Kol Seal	92.00	
1111	78#	Granulated Salt	30.43	
		Material	597.16	
		Less 30%	-179.15	
		Total		418.05
			1771.91	
		6.15%	SALES TAX	25.21
			ESTIMATED TOTAL	1581.24

Ravin 3737

Okd J Green

AUTHORIZTION No Co Rep on Site TITLE DATE

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

CONSOLIDATED
Oil Well Services, LLC

REMIT TO
FINV
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 Invoice # 271102

Invoice Date: 09/17/2014 Terms: 0/30/10,n/30 Page 1

ALTAVISTA ENERGY INC
4595 K-33 HIGHWAY
P.O. BOX 128
WELLSVILLE KS 66092
(785)883-4057

M. CROTTS #25
48180
NW14-22-16
09/11/2014
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	145.00	11.5000	1667.50
1118B	PREMIUM GEL / BENTONITE	344.00	.2200	75.68
1111	SODIUM CHLORIDE (GRANULA	280.00	.3900	109.20
1110A	KOL SEAL (50# BAG)	725.00	.4600	333.50
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

Sublet Performed	Description	Total
9996-120	CEMENT MATERIAL DISCOUNT	-655.76

	Description	Hours	Unit Price	Total
495	CEMENT PUMP	1.00	1085.00	1085.00
495	EQUIPMENT MILEAGE (ONE WAY)	45.00	4.20	189.00
495	CASING FOOTAGE	1119.00	.00	.00
510	TON MILEAGE DELIVERY	303.41	1.41	427.81
675	80 BBL VACUUM TRUCK (CEMENT)	2.00	100.00	200.00

Amount Due 4253.43 if paid after 09/27/2014

Parts:	2215.38	Freight:	.00	Tax:	95.91	AR	3557.34
Labor:	.00	Misc:	.00	Total:	3557.34		
Sublt:	-655.76	Supplies:	.00	Change:	.00		

Signed _____ Date _____

271102

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 48180
LOCATION Ottawa KS
FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-11-14	3244	M. Crotts # 25	NW 14	22	16	CF

CUSTOMER: Alta vista Energy Inc
MAILING ADDRESS: P.O. Box 128
CITY: Wellsville | STATE: KS | ZIP CODE: 66092

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fre Mad		
495	Har Bec		
675	Ki Def		
510	Dus Web		

JOB TYPE long string | HOLE SIZE 5 7/8 | HOLE DEPTH 1121 | CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 1119.7 | DRILL PIPE Baffle in | TUBING @ 1088 | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 31' x Plug
DISPLACEMENT 6.3 BBL | DISPLACEMENT PSI | MIX PSI | RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish circulation. Mixx Pump 100# Gel Flush. Mix & Pump 145 SKs 50/50 Por Mix Cemnt 2% Gel 5% Salt 5# Kol Seal/sk. Cemnt to Surface. Flush pump & lines clean. Displace 2½" Rubber plug to Baffle in Casing. Pressure to 800# PSI. Release pressure to Set Float Valve. Shut in Casing.

Finney Drilling. Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		1085.00
5406	45mi	MILEAGE	495		189.00
5402	1119	Casing Footage			N/C
5407A	303.41	Ton Miles	510		427.81
5502C	2 hrs	80 BBL Vac Truck	675		200.00
1124	145 SKs	50/50 Por Mix Cemnt		1667.50	
1118B	344#	Premium Gel		75.68	
1111	280#	Granulated Salt		109.20	
1110A	725#	Kol Seal		333.50	
		Material		2185.88	
		Less 30%		- 655.76	
		Total			1530.12
4402	1	2½" Rubber Plug			29.50
COMPLETED				4253.44	
			6.15%	SALES TAX	95.81
Ravin 3737	OK'd J. Green			ESTIMATED TOTAL	3557.34

AUTHORIZTION No Co Rep on Site TITLE DATE

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.