KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1062964

Form ACO-1
June 2009
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 # 8509
Name: Evans Energy Development, Inc.
Wellsite Geologist: None
Purchaser:

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] 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
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

12/15/2010	12/17/2010	12/17/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-031-22674-00-00
Spot Description:
SE - NW - SE - SW Sec. 14 Twp. 22 S. R. 16 [x] East [ ] West
825 Feet from [ ] North / [x] South Line of Section
3465 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Coffey
Lease Name: Marjorie Crotts Well #: I-4
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1041 Kelly Bushing: 1041
Total Depth: 1100 Plug Back Total Depth: 1048
Amount of Surface Pipe Set and Cemented at: 46 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1078
feet depth to: 0 w/ 140 sx cmt.

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

Chloride content: 0 ppm Fluid volume: 20 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

- [ ] **Letter of Confidentiality Received**
  Date:
- [ ] **Confidential Release Date:**
- [ ] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrisor **Date:** 09/09/2011

Side Two

1062964

Operator Name: Altavista Energy, Inc. Lease Name: Marjorie Crotts Well #: I-4

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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

Electric Log Submitted Electronically ☐ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

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

Name	Top	Datum
Squirrel	1008	+33

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	9.875	7	20	46	50/50 Poz	32	See Ticket
Production	5.625	2.875	6.5	1078	50/50 Poz	140	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	-			
	-			

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

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

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

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

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

EVANS ENERGY DEVELOPMENT INC.
11 Lewis Drive Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083
Fax: 913-557-9084

WELL LOG
Altavista Energy, Inc.
Marjorie Crotts #I-4
API#15-031-22,674
December 15, 2010 - December 17, 2010

Thickness of Strata	Formation	Total	
35	soil & clay	35	
5	gravel	40	
2	clay	42	
172	shale	214	
64	lime	278	
77	shale	355	
14	lime	369	
4	shale	373	
3	lime	376	
39	shale	415	
9	lime	424	
3	shale	427	
5	lime	432	
2	shale	434	
40	lime	474	
15	shale	489	
3	lime	492	
41	shale	533	
60	lime	593	
11	shale	604	
4	lime	608	
3	shale	611	
38	lime	649	base of the Kansas City
157	shale	806	
4	lime	810	
13	shale	823	
8	lime	831	
2	shale	833	
7	lime	840	
25	shale	865	
3	lime	868	
22	shale	890	
10	lime	900	
16	shale	916	
9	lime	925	
11	shale	936	

14	lime	950
10	shale	960
5	lime	965
6	shale	971
3	lime	974
31	shale	1005
1	lime & shells	1006
1	shale	1007
1	lime & shells	1008
4	broken sand	1012
3	oil sand	1015
2	broken sand	1017
9	silty shale	1026
74	shale	1100 TD

Drilled a 9 7/8" hole to 46'.
Drilled a 5 5/8" hole to 1100'.

Set 46' of 7" surface casing cemented with 10 sacks gel, cemented by Consolidated Oil Service .

Set 1078.3' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe, 1 clamp, and 1 baffle.

CONSOLIDATED
Oil Well Services, LLC

REMIT TO
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 # 238701

Invoice Date: 12/17/2010 Terms: 0/0/30,n/30 Page 1

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

M. CROTTS I-4
27299
SW 14-22-16 CF
12/15/2010
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	32.00	9.8400	314.88
1118B	PREMIUM GEL / BENTONITE	59.00	.2000	11.80
1111	GRANULATED SALT (50 #)	74.00	.3300	24.42
1110A	KOL SEAL (50# BAG)	175.00	.4200	73.50

	Description	Hours	Unit Price	Total
495	CEMENT PUMP (SURFACE)	1.00	725.00	725.00
495	EQUIPMENT MILEAGE (ONE WAY)	.00	3.65	.00
495	CASING FOOTAGE	46.00	.00	.00
T-106	WATER TRANSPORT (CEMENT)	2.00	112.00	224.00
510	TON MILEAGE DELIVERY	73.50	1.20	88.20

Parts:	424.60	Freight:	.00	Tax:	26.75	AR	1488.55
Labor:	.00	Misc:	.00	Total:	1488.55		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____ Date _____

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 27299
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
12/15/10	3244	M. Crotts # I-4	SW 14	22	16	CF

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

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred	Safety	MG
455	Harold	HTB	
510	Derek	DM	
505/T106	Casey	CK	

JOB TYPE Surface | HOLE SIZE 9½ | HOLE DEPTH 46 | CASING SIZE & WEIGHT 7"
CASING DEPTH 46' | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 10'+
DISPLACEMENT 1.7 BBL | DISPLACEMENT PSI | MIX PSI | RATE 4BPM

REMARKS: Establish Circulation thru 7" casing Mix & Pump 35 sks 50/50 Por Mix Cement 2% Gel 5% Salt 5# Kol Seal per Sack Cement to Surface. Displace 7" casing clean w/ 1.7 BBL Fresh Water. Shut in casing.

Evans Energy Dev. Inc. Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE		725.00
5406	0	MILEAGE Trucks on Lease		N/C
5402	46	casing footage		N/C
5407A	73.5	Ton Miles		88.20
5501C	2 hrs	Transport		224.00
1124	325 Ks	50/50 Por Mix Cement		314.88
1118B	59#	Premium Gel		11.80
1111	74#	Granulated Salt		24.42
1110A	175#	Kol Seal		73.50
		W/O # 238701		
		6.3%	SALES TAX	26.76
			ESTIMATED TOTAL	1488.55

Ravin 3737

AUTHORIZTION [signature] TITLE [illegible] 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
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 # 238781

Invoice Date: 12/20/2010 Terms: 0/0/30,n/30 Page 1

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

M. CROTTS I-4
27301
SW 14-22-16 CF
12/17/2010
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	140.00	9.8400	1377.60
1118B	PREMIUM GEL / BENTONITE	262.00	.2000	52.40
1111	GRANULATED SALT (50 #)	328.00	.3300	108.24
1110A	KOL SEAL (50# BAG)	780.00	.4200	327.60
4402	2 1/2" RUBBER PLUG	1.00	23.0000	23.00
1143	SILT SUSPENDER SS-630,ES	.50	38.5000	19.25
1401	HE 100 POLYMER	.50	47.2500	23.63

	Description	Hours	Unit Price	Total
495	CEMENT PUMP	1.00	925.00	925.00
495	EQUIPMENT MILEAGE (ONE WAY)	45.00	3.65	164.25
495	CASING FOOTAGE	1078.00	.00	.00
T-106	WATER TRANSPORT (CEMENT)	2.50	112.00	280.00
510	TON MILEAGE DELIVERY	294.84	1.20	353.81

Parts:	1931.72	Freight:	.00	Tax:	121.70	AR	3776.48
Labor:	.00	Misc:	.00	Total:	3776.48		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____ Date _____

CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 27301
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
12/17/10	3244	M Crotts # I-4	SW 14	22	16	CF

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

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred	Safety	Mtg
495	Casey	CIC	
510	Cecil	CM	
505/T106	Arlen	ARM	

JOB TYPE Long string | HOLE SIZE 5 7/8 | HOLE DEPTH 1100' | CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 1078 | DRILL PIPE Baffle in TUBING @ 1048' | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 2 1/2 Plug + 30'
DISPLACEMENT 6.1 BBL | DISPLACEMENT PSI | MIX PSI | RATE 5 BPM

REMARKS: Establish circulation. Mixx Pump 1/2 Gal ESA-41 & 1/2 Gal HE-100 Polymer Flush. Circulate from pit to condition hole. Mixx Pump 156 Sks 50/50 Poz Mix Cement 2% Gel 5% Salt 5# Kol Seal per SK. ~~Flos~~ Cement to surface. Flush pump & liner clean. Displace 2 1/2" Rubber Plug to baffle in casing w/ 6.1 BBL Fresh Water. Pressure to 800 PSI.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		925.00
5406	45	MILEAGE		164.25
5402	1078	Casing Footage		N/C
5407A	294.84	Ton Miles		353.81
5501C	2 1/2	Transport		280.00
1124	140 SKS	50/50 Poz Mix Cement		1377.63
1118B	262#	Premium Gel		52.40
1111	328#	Granulated Salt		108.24
1110A	780#	Kol Seal		327.60
4402	1	2 1/2" Rubber Plug		28.00
1143	1/2 Gal	ESA-41		19.25
1401	1/2 Gal	HE-100 Polymer		23.63
		WO # 23878		
		6.3%	SALES TAX	121.70
			ESTIMATED TOTAL	3776.48

Ravin 3737

AUTHORIZTION _____ 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.