



KANSAS CORPORATION COMMISSION 1062964

OIL & GAS CONSERVATION DIVISION

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:

- ☒ 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
☐ 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 ☒ East ☐ West
825 Feet from ☐ North / ☒ South Line of Section
3465 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SWCounty: CoffeyLease Name: Marjorie Crotts Well #: 1-4

Field Name: _____

Producing Formation: SquirrelElevation: Ground: 1041 Kelly Bushing: 1041Total Depth: 1100 Plug Back Total Depth: 1048Amount of Surface Pipe Set and Cemented at: 46 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 1078feet 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 bblsDewatering 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 DistributionALT ☐ I ☒ II ☐ III Approved by: Deanna Garrison Date: 09/09/2011

1062964

Operator Name: Altavista Energy, Inc. Lease Name: Marjorie Crotts Well #: 1-4
 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

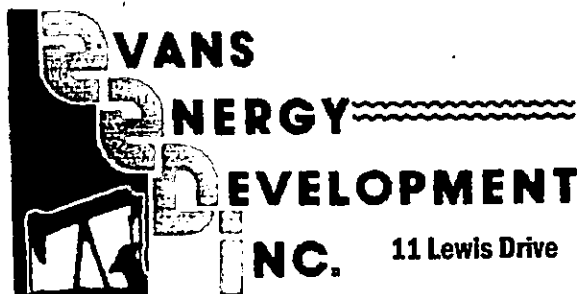
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

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
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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:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled (Submit ACO-5) (Submit ACO-4)	
	☐ Other (Specify) _____	



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 #1-4

API#15-031-22,674

December 15, 2010 - December 17, 2010

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
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

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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 _____

BARTLESVILLE, OK
818/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

GILLETTE, WY
307/686-4914

OAKLEY, KS
785/672-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

WORLAND, WY
307/347-4577



**FIELD TICKET & TREATMENT REPORT
CEMENT**

TICKET NUMBER 27299
LOCATION Ottawa KS
FOREMAN Fred Madsen

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/15/10	3244	M. Crofts # I. 4	SW 14	22	16	CK
CUSTOMER						
Alta Vista Energy						
MAILING ADDRESS						
P.O. Box 128						
CITY	STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
Wellsville	KS	66092	506	Fred	Safar	MXS
			455	Harold	HJB	
			510	Derek	DM	
			505/T06	Casey	CK	

JOB TYPE <u>Surface</u>	HOLE SIZE <u>9 1/2</u>	HOLE DEPTH <u>46'</u>	CASING SIZE & WEIGHT <u>7'</u>
CASING DEPTH <u>46'</u>	DRILL PIPE	TUBING	OTHER
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING <u>10' +</u>
DISPLACEMENT <u>1.73 BAL</u>	DISPLACEMENT PSI	MIX PSI	RATE <u>480 m</u>

REMARKS: Establish Circulation thru 7" casing Mix Pump ~~1~~³ sks
50/50 Por Mix Cement 2% Gel 5% Salt 5# Kol Seal per sack
Cement to Surface Displace 7" casing clean w/ P. 7 BBL
Fresh water. Shut in casing.

Evans Energy Dev. Inc.

Fuel Meter

[illegible]

Buyin 9737

AUTHORIZATION

TITLE *27-2* *4*

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 _____

BARTLESVILLE, OK
918/338-0808

ELDORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

GILLETTE, WY
307/688-4914

OAKLEY, KS
785/672-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

WORLDWIDE, WY
307/347-4577

CONSOLIDATED
ON WALK Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-487-8676

TICKET NUMBER 27301
LOCATION Ottawa KS
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT

DATE		CUSTOMER #		WELL NAME & NUMBER		SECTION		TOWNSHIP		RANGE		COUNTY	
12/17/10		3244		M Crofts # I. 4		SW 14		22		16		CF	
CUSTOMER													
Mailing Address													
CITY						TRUCK #		DRIVER		TRUCK #		DRIVER	
Wellsville						506		Fred		Safety		12/17	
STATE						495		Casey		CIS			
ZIP CODE						510		Lecil		CXP			
66092						505/T106		Arden		ARM			
JOB TYPE		HOLE SIZE		HOLE DEPTH		CASING SIZE & WEIGHT							
Long string		5 7/8		1100'		2 7/8 EUE							
CASING DEPTH		DRILL PIPE		OTHER									
1078'		2 5/8" NPT @ 100'											
SLURRY WEIGHT		SLURRY VOL		WATER gal/sk		CEMENT LEFT in CASING							
						2 1/2 Pig + 30'							
DISPLACEMENT		DISPLACEMENT PSI		MIX PSI		RATE							
6.1 BBL						5 BPM							
REMARKS: Establish circulation. Mix Pump 1/2 Gal ESA-41 & 1/2 Gal HE-100 Polymer Flush. Circulate from pit to condition hole. Mix Pump 156 Gals 50/50 for mix cement 2% Gel 5% Salt 5# Nol Seal per SK. Flush cement to surface. Flush pump & lines clean. Displace 2 1/2" Rubber Plug to baffle in casing w/ 6.1 BBL Fresh water. Pressure to 800 PSI.													

[illegible]

Alvin 2727

AUTHORIZATION

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.