

## Kansas Corporation Commission Oil & Gas Conservation Division

### 1094374

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
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 #:	Chloride content: ppm Fluid volume: bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:  Operator Name:  Lease Name: License #:  Quarter Sec TwpS. R East West  County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

#### **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.

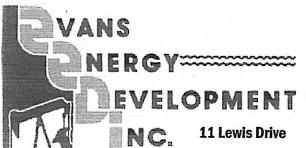
**Submitted Electronically** 

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I III Approved by: Date:

Side Two



Operator Name: \_ Lease Name: \_ \_ Well #: \_ County: \_ 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 Wireline Logs surveyed. Attach final geological well site report. **Drill Stem Tests Taken** Yes No Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Top Datum Samples Sent to Geological Survey ☐ Yes □ No Cores Taken Yes No Electric Log Run Electric Log Submitted Electronically Yes No (If no, Submit Copy) List All E. Logs Run: CASING RECORD Used New Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight # Sacks Type and Percent Type of Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Additives Depth Cement Used ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth TUBING RECORD: Size: Set At: Packer At: Liner Run: No Yes Producing Method: Date of First, Resumed Production, SWD or ENHR. Pumping Gas Lift Other (Explain) Flowing **Estimated Production** Bbls. Water Bbls. Gas-Oil Ratio Oil Gas Mcf Gravity Per 24 Hours **DISPOSITION OF GAS:** METHOD OF COMPLETION: PRODUCTION INTERVAL: Open Hole Dually Comp. Perf. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)



## Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

WELL LOG Altavista Energy, Inc. Spindle AI-3 API # 15-121-28,996

December 13 - December 17, 2011

2       soil & lime       2         32       shale       34         5       lime       39         44       shale       83         12       lime       95         14       shale       109         28       lime       137 oil show         4       shale       141         22       lime       163 base of the Kansas         4       shale       167         3       lime       170         4       shale       174         7       lime       181         5       shale       186         4       oil sand       190 green, lite oil show         15       silty shale       205         10       broken sand       215 brown sand, grey s         10       sand       225 grey, no oil         110       shale       335         1       limey sand       336 brown sand, good to the processing         0.5       lime       336.5 no bleeding	
5       lime       39         44       shale       83         12       lime       95         14       shale       109         28       lime       137 oil show         4       shale       141         22       lime       163 base of the Kansas         4       shale       167         3       lime       170         4       shale       174         7       lime       181         5       shale       186         4       oil sand       190 green, lite oil show         15       silty shale       205         10       broken sand       215 brown sand, grey s         10       sand       225 grey, no oil         110       shale       335         1       limey sand       336 brown sand, good br	
44       shale       83         12       lime       95         14       shale       109         28       lime       137 oil show         4       shale       141         22       lime       163 base of the Kansas         4       shale       167         3       lime       170         4       shale       174         7       lime       181         5       shale       186         4       oil sand       190 green, lite oil show         15       silty shale       205         10       broken sand       215 brown sand, grey s         10       sand       225 grey, no oil         110       shale       335         1       limey sand       336 brown sand, good brown sa	
12       lime       95         14       shale       109         28       lime       137 oil show         4       shale       141         22       lime       163 base of the Kansas         4       shale       167         3       lime       170         4       shale       174         7       lime       181         5       shale       186         4       oil sand       190 green, lite oil show         15       silty shale       205         10       broken sand       215 brown sand, grey s         10       sand       225 grey, no oil         110       shale       335         1       limey sand       336 brown sand, good	
14       shale       109         28       lime       137 oil show         4       shale       141         22       lime       163 base of the Kansas         4       shale       167         3       lime       170         4       shale       174         7       lime       181         5       shale       186         4       oil sand       190 green, lite oil show         15       silty shale       205         10       broken sand       215 brown sand, grey s         10       sand       225 grey, no oil         110       shale       335         1       limey sand       336 brown sand, good brown	
137 oil show   4   shale   141   141   141   141   141   142   1ime   163 base of the Kansas   4   shale   167   170   170   170   174   174   177   181   181   185   186	
4       shale       141         22       lime       163 base of the Kansas         4       shale       167         3       lime       170         4       shale       174         7       lime       181         5       shale       186         4       oil sand       190 green, lite oil show         15       silty shale       205         10       broken sand       215 brown sand, grey s         10       sand       225 grey, no oil         110       shale       335         1       limey sand       336 brown sand, good brown sand, goo	
163 base of the Kansas   4   shale   167   170   170   174   174   174   186	
4       shale       167         3       lime       170         4       shale       174         7       lime       181         5       shale       186         4       oil sand       190 green, lite oil show         15       silty shale       205         10       broken sand       215 brown sand, grey s         10       sand       225 grey, no oil         110       shale       335         1       limey sand       336 brown sand, good brown sand, good brown sand, good brown sand	
3       lime       170         4       shale       174         7       lime       181         5       shale       186         4       oil sand       190 green, lite oil show         15       silty shale       205         10       broken sand       215 brown sand, grey s         10       sand       225 grey, no oil         110       shale       335         1       limey sand       336 brown sand, good brown sand, good brown sand, good brown sand	City
4 shale 174 7 lime 181 5 shale 186 4 oil sand 190 green, lite oil show 15 silty shale 205 10 broken sand 215 brown sand, grey s 10 sand 225 grey, no oil 110 shale 335 1 limey sand 336 brown sand, good by 174	
7       lime       181         5       shale       186         4       oil sand       190 green, lite oil show         15       silty shale       205         10       broken sand       215 brown sand, grey s         10       sand       225 grey, no oil         110       shale       335         1       limey sand       336 brown sand, good brown sand, good brown sand	
5       shale       186         4       oil sand       190 green, lite oil show         15       silty shale       205         10       broken sand       215 brown sand, grey s         10       sand       225 grey, no oil         110       shale       335         1       limey sand       336 brown sand, good brown sand, good brown sand	
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15       silty shale       205         10       broken sand       215 brown sand, grey s         10       sand       225 grey, no oil         110       shale       335         1       limey sand       336 brown sand, good brown sand	
10 broken sand 215 brown sand, grey s 10 sand 225 grey, no oil 110 shale 335 1 limey sand 336 brown sand, good b	
10       sand       225 grey, no oil         110       shale       335         1       limey sand       336 brown sand, good	
110 shale 335 1 limey sand 336 brown sand, good b	nale, lite oil show
1 limey sand 336 brown sand, good b	
0.5 lime 336.5 no bleeding	leeding
0.5 limey sand 337 brown sand, 100%	bleeding
1.5 broken sand 338.5 brown & grey sand 30% bleeding	with a few lime seams
4.5 limey sand 343 brown sand, 50% b	leeding
4 broken sand 347 brown & green sand 90% bleeding	d with a few lime seams
3 broken sand 350 brown & green sand a few thin bleeding	
37 silty shale 387	
7 lime 394	
26 shale 420 TD	

Drilled a 9 7/8" hole to 20.8' Drilled a 5 5/8" hole to 420'

Set 20.8' of 7" surface casing cemented with 5 sacks of cement

Set 410' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp, and 1 baffel.

	Core Time	:S
	<u>Minutes</u>	Seconds
336	3 1	29
33	7	41
338	3	38
339	9	54
340	ס	48
34	1	33
342	2	40
343	3	23
344	4	26
34	5	27
346	5	31
347	7	27
348	3	31
349	9	30
350	3	27
35	1	41
352	2	32
353	3	40
354	4	42
35	5	41

## 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 #

246589

Invoice Date: 12/19/2011 Terms: 0/0/30,n/30

Page

ALTAVISTA ENERGY INC 4595 K-33 HIGHWAY

P.O. BOX 128

WELLSVILLE KS 66092

(785)883 - 4057

SPINDLE AI-3

33190

SW 18 17 24 MI

12/16/11

KS

Part Num 1124 1118B 1111 1110A 4402	Description 50/50 POZ CEMENT MIX PREMIUM GEL / BENTONITE SODIUM CHLORIDE (GRANULA KOL SEAL (50# BAG) 2 1/2" RUBBER PLUG	Qty 58.00 197.00 112.00 290.00 1.00	Unit Price 10.9500 .2100 .3700 .4600 28.0000	Total 635.10 41.37 41.44 133.40 28.00		
369 80 495 CEI 495 EQI	scription BBL VACUUM TRUCK (CEMENT) MENT PUMP JIPMENT MILEAGE (ONE WAY) SING FOOTAGE N. BULK DELIVERY	Hours 1.50 1.00 35.00 410.00	Unit Price 90.00 1030.00 4.00 .00 350.00	Total 135.00 1030.00 140.00 .00 175.00		

Parts: 879.31 Freight: .00 Tax: 66.38 AR 2425.69

.00 Misc: Labor: .00 Total: 2425.69 Sublt: .00 Supplies: .00 Change:

Signed

Date



LOCATION O + Jaw 9
FOREMAN Alan Makes

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

## FIELD TICKET & TREATMENT REPORT

620-431-9210	or 800-467-8676			CEME	NT ·				
DATE	CUSTOMER#	WELL	NAME & NUM	IBER	SEC	TION	TOWNSHIP	RANGE	COUNTY
12-16-11	3244	Spindle	A	t:3	SW	18	17	24	M;
CUSTOMER / / / Tav;	ota Ene	10.1			ro.	ICK#	DDMED		
MAILING ADDRE	SS FIRE	nsy.		-	516		DRIVER	TRUCK#	DRIVER
P.O.	30x 128		1,4,1	1 .	- 494		Harold B	15 9.707	Meet
CITY		TATE :	ZIP CODE	7	369		Droll M	) m	
Wellow:	the	45	66092		548		Keith C	15 (	·
JOB TYPE (0)			0/8	⊐ _ HOLE DEP	216	20	CASING SIZE & W	EIGHT 2	18
CASING DEPTH	V, , , , , ,	RILL PIPE		_TUBING				OTHER 379	battle
SLURRY WEIGH	ıT s	LURRY VOL	1 1	WATER ga	l/sk		CEMENT LEFT In	CASING YE	25
DISPLACEMENT	- 22 D	ISPLACEMENT	psi_ <i>86</i> 0_	MIX PSI	200		RATE 5 60	m	
REMARKS: H	eld even	need		0 6/256	red V	ate,	Mixed	& person	uped 100
gel fo	llowed	by 5	8 5 K S	0150	come	ut	plus 5#	- Boloe	al 5%
5917, 2	Tage, P	er Sach	Sicir	~cula	ted o	2 evi	rent, Fl	us hed	pyup,
Pumpa	ed plag	20 0	atthe,	Ne	11 hr	ld	800 PSL	, sex	Flog4
Close	d verlue.			N-1	· · ·				
	·			-					
		10		17.5			. *	· · · · · · · · · · · · · · · · · · ·	
Evan	5 Driensy	, 1/av	.5				10	11	<del></del>
							110	m. All	war-
ACCOUNT CODE	QUANITY or	UNITS	DE	SCRIPTION	of SERVICE	S or PR	ODUCT	UNIT PRICE	TOTAL
540 I	<u> </u>	F	UMP CHARG	3E	· · · · · · · · · · · · · · · · · · ·				1030-0
540C	33		/ILEAGE			5.00 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			14000
5402	410	l.	easi.	n.c. Fo	ostan.	0			110 00
5407	· 42 :N	250	ton	10 -1	40 C				12500)
5502C	1.50	1/1-	2	UGC	16-J			-	135.00
	. 0	- *	· (/·						(300,20)
	· · · · · · · · · · · · · · · · · · ·			3.			-	-	
1124	58		50/50	Lem.	ent			(m)	635.10
111843	1974	7	sel						4637
111/	112	#	Salt		· .				4144
TILOA	290	2#	1601.00	20.1					10745
4402	1		21/2	1/40					28 85
* 100			- CA - O/	-5		-			0000
					***************************************	*			
							*		
				1116	- 29				
				10.	וטק			Α	
Ravin 3737		, ,						SALES TAX	66,38
erni 0101	0.5/							ESTIMATED TOTAL	24 25 6
AUTHORITTION	(/1/4/2	1.		<b></b>				IOIAL	212012

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