

Kansas Corporation Commission Oil & Gas Conservation Division

162872

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
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: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW 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 II Approved by: Date:					

Side Two



Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and cle recovery, and flow rate	osed, flowing and shu	nd base of formations pe at-in pressures, whether est, along with final chart well site report.	shut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	nole temperature, fluid
Drill Stem Tests Take		☐ Yes ☐ No		og Formatio	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geo	ological Survev	☐ Yes ☐ No	Nam	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop	ed Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
			B RECORD No	ew Used ermediate, product	ion, 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
		ADDITIONA	L CEMENTING / SQI	JEEZE RECORD	1		
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of Cement	# Sacks Used Type and Percent Additives				
—— Plug Back TD —— Plug Off Zone							
Shots Per Foot	PERFORATI Specify	ON RECORD - Bridge Plu Footage of Each Interval Pe	gs Set/Type rforated		cture, Shot, Cemen mount and Kind of Ma		d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No	1	
Date of First, Resumed	d Production, SWD or EN	IHR. Producing Me		Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	ter B	bls.	Gas-Oil Ratio	Gravity
	ION OF GAS:		METHOD OF COMPLI			PRODUCTIO	ON INTERVAL:
Vented Sole	d Used on Lease	Open Hole	Perf. Dually (Submit		mmingled mit ACO-4)		

Douglas County, KS Well: Neumer AI-4 Lease Owner:AltaVista

Town Oilfield Service, Inc. Commenced Spudding: 8/20/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
0-9	Soil-Clay	9
56	Sandstone	65
15	Lime	80
76	Shale	156
4	Lime	160
5	Shale	165
16	Lime	181
8	Shale	189
7	Lime	196
4	Shale	200
18	Lime	218
7	Shale	225
28	Sand	253
18	Lime	271
20	Sandy Shale	291
55	Shale	346
22	Lime	368
17	Shale	385
, 7	Lime	392
18	Shale	410
7	Sand	417
14	Lime	431
6	Shale	437
1	Lime	438
13	Shale	451
24	Lime	475
7	Shale	482
24	Lime	506
4	Shale	510
4	Lime	514
5	Shale	519
5	Lime	524
7	Shale	531
10	Sand	541
27	Shale	568
62	Sand	630
28	Shale	658
18	Sand	676
62	Shale	738
4	Lime	742

Lease Owner:AltaVista

Douglas County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Neumer AI-4 (913) 837-8400 8/20/2013

4	Shale	746
3	Lime	749
6	Shale	755
12		
16	Sandy Lime	767
	Shale	783
1	Lime	784
3	Shale	787
1	Sandy Shale	788
1	Sand	789
8	Sand	797
7	Sand	804
1	Sand	805
95	Sandy Shale	900-TD
	NONE TO THE RESERVE OF THE PERSON OF THE PER	
3 34730 384 384		
4 500		
¥.		
		-

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D²x.14xh 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 - RPMxd over SPMxR

d - SPMxRxD over RPM

SPM - RPMXD over RxD

R - RPMXD over SPMxD

BELT LENGTH - 2C + 1.57(D + d) + $\frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS:

WATTS = AMPS

746 WATTS equal 1 HP

Log Book

Town Oilfield Services, Inc.

1207 N. 1st East Louisburg, KS 66053 913-710-5400

	Brooke 4:00 Sustace Brooke 3:45 Longstring
Neumer Farm: Douglas County KS State; Well No. AI-4	CASING AND TUBING MEASUREMENTS
Elevation 1062	Feet In. Feet In. Feet In.
1 0 12	848.75 Baffle
Λ <i>h</i>	
Driller's Name Wesley Dollard	879,35 Float 71
Driller's Name	
Driller's Name	
Tool Dresser's Name Ryan Ward	
Tool Dresser's Name	
Contractor's Name	
14 15 20	
(Section) (Township) (Range)	
Distance from Sline, 3465 ft. Distance from Eline, 1815 ft.	
Distance from E line, 1615 ft.	
9 415	
CASING AND TUBING	
, RECORD	
10" Set 10" Pulled	
8" Set 8" Pulled	
76%" Set 6%" Pulled	
4" Set 4" Pulled	
2" Set 2" Pulled	
THE PARTY OF THE P	-1-

Thickness of	7995 699	Total	
Strata	Formation	Depth	Remarks
0-9	Soil- clay	લ	
54	Sand stone	65	water 20'
15	Lime	50	WITH QU
76	Shale	156	
4	Lime	160	
5	Shale	165	
160	Lime	181	
160 8	Shale	189	
	Lime	196	
7	5hal-e	200	-
14	Lime	218	
7	Shale	235	
25	sand	253	no oil
18	Lime	271	. 710 011
20	sandy shale	291	Some sand -no 6.1
55	sandy shale Shale	346	Joint Sing No Cit
22	Lime-	368	
17	Shale	385	
7	Lime	392	
18	Shale	410	
フ	Sknol	417	414-417 Slight Show
14	Lime	431	111 111 31 igh + 3280
6	Shalt	437	
1	Lime	438	
13	Shale	451	
24	Lime	475	
7	Shale	482	
	-2-		

482

		100	
Thickness of Strata	Formation	Total Depth	Remarks
24	Lime	506	Remarks
4	Shale	510	
4	Lime	514	
5 5 7	Shale	519	
5	Lime	524	Heitha
7	Shale	531	1111110
10	Sand	541	inc Oi)
27	Shale	568	- No Ui
62 28	sand	630	no Oil
28	Shale	658	- no 0,1
18	sand	676	ho Oil
62	Shale	73%	7.0
4	Lime	742	
4	Shal-e	746	
3	Lime	749	
4 12	Shale	755	
12	sandy Lime	767	
16	shale	763	
/	Lime	784	
3	Shale	787	
/	sandy shale	788	no Oil
/	sand	789	4.1 0:1 9000 51
4 7	Sud	797	mostly solid Perf 788-
7	sind	804	broken -0:1
	sand	805	no Dil
95	sandy shale	900	TD
			,
	-4-	i	

-5-



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 #

261590

Invoice Date:

08/23/2013

Terms: 0/0/30, n/30

Page

ALTAVISTA ENERGY INC 4595 K-33 HIGHWAY P.O. BOX 128 WELLSVILLE KS 66092

NEVMER AI-4 42316 NW 14-15-20

08-20-2013

(785)883 - 4057KS ________

Part 1124 1118B 1111 1110A	SODIUM CHLORIDE (GRANULA	Qty 35.00 59.00 71.00 175.00		Total 402.50 12.98 27.69 80.50
503 666 666 666 675	Description MIN. BULK DELIVERY CEMENT PUMP (SURFACE) EQUIPMENT MILEAGE (ONE WAY) CASING FOOTAGE 80 BBL VACUUM TRUCK (CEMENT)	Hours .50 1.00 .00 68.00 1.00	Unit Price 368.00 870.00 4.20 .00 90.00	Total 184.00 870.00 .00 .00 90.00

523.67 Freight: Parts: .00 Tax: 37.45 AR 1705.12

Labor: .00 Misc: .00 Total: 1705.12 Sublt: .00 Supplies: .00 Change: .00

Signed BARTLESVILLE, OK 918/338-0808

Date

EL DORADO, KS 316/322-7022

EUREKA, KS 620/583-7664

PONCA CITY, OK 580/762-2303

OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044

THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650



261590

TICKET NUMB	ER, 42316
LOCATION(
	sa Kennedy

FIELD TICKET & TREATMENT REPORT

	nanute, KS 6677 or 800-467-8676		LD HOKE	CEMEN	IT			
DATE	CUSTOMER#	WEL	L NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/20/13	3244	Neuma	r # AI-	4	NW 14	15	20	96
USTOMER	5.							
AILING ADDRE	ista the	794		-	TRUCK#	DRIVER	TRUCK#	DRIVER
		347 0 0		1	481	Casken	V Sately	Mocking
	Box (28	STATE	ZIP CODE	4	6066	Garloo	~	
CITY	69	KS			203	Dan Det	V	
Wellsui		V 2	46092		675	KeiDet	~	<u> </u>
OB TYPE <u>\$</u>		HOLE SIZE	9/2"	_ HOLE DEPTI	1 69'	CASING SIZE & \	WEIGHT 7"	
ASING DEPTH	68'	DRILL PIPE		_TUBING		2 3	OTHER	100
LURRY WEIGH	IT	SLURRY VOL_		WATER gal/s	ik	CEMENT LEFT in		
ISPLACEMENT	-2.6 bbs	DISPLACEMEN	IT PSI	MIX PSI		RATE 4.56	24/2	
REMARKS: Le	ld satisfy u	recking.	established	d eircula	tion , mi	xed tou	ned 35	Scs
5%50 Po.	Zurix cel		1 00	el 5%	self. +	# Kolsand	per sk	.celupa
o surfac	e displace	d cemes	nt w/ =	, le bbls	fost wet	a shut h	caring.	70000
History and the second	7					, ,	-	
ACCOUNT								
CODE	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES or PF	RODUCT	UNIT PRICE	TOTAL
5401S			PUMP CHARG	SE				870,00
5406	on leas.	e	MILEAGE					-
5402	(es'		casine	tootage	V0		3 - 455 builto 480	1
5407	la mi	nimum	ton in	Teage				184.00
SSOAC	1 hr			ac .				90.00
000		Pa.0.				* *************************************		70.
								
11511	35	th c	50/ca P	oznix c	rate as +			1100 -
1124	,-a	<u>4</u>	30 ,	- America	enem			402.50
1118B	59		Premio	un Gel		· ***		12.98
1111		<u>#</u>	Salt	1.49				27.69
1110A	175	4	Kolsoel					80.50
	· · · · · · · · · · · · · · · · · · ·				F.	enmi	ated '	
1						Nation 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	原基維 打 医耳锁耳	I

7.159 SALES TAX Ravin 3737 **ESTIMATED TOTAL** AUTHORIZTION BY MULL 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

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 #

261640

(785)883 - 4057

918/338-0808

316/322-7022

Invoice Date: 08/23/2013

Terms: 0/0/30,n/30

Page

ALTAVISTA ENERGY INC 4595 K-33 HIGHWAY P.O. BOX 128 WELLSVILLE KS 66092

NEVMER AI-4 42379 NE 14-15-20 08-21-2013 KS

Part Numb	er Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	114.00	11.5000	1311.00
1118B	PREMIUM GEL / BENTONITE	292.00	.2200	64.24
1111	SODIUM CHLORIDE (GRANULA	220.00	.3900	85.80
1110A	KOL SEAL (50# BAG)	570.00	.4600	262.20
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50
Des	cription	Hours	Unit Price	Total
370 80	BBL VACUUM TRUCK (CEMENT)	3.00	90.00	270.00
495 CEM	ENT PUMP	1.00	1085.00	1085.00
495 EQU	IPMENT MILEAGE (ONE WAY)	25.00	4.20	105.00
495 CAS:	ING FOOTAGE	879.00	.00	.00
503 MIN	. BULK DELIVERY	1.00	368.00	368.00

1752.74 Freight: Parts: .00 Tax: 125.32 AR 3706.06

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

620/583-7664

3706.06 .00 Change: .00

620/839-5269

Signed Date OTTAWA, KS 785/242-4044 BARTLESVILLE, OK EL DORADO, KS EUREKA, KS PONCA CITY, OK OAKLEY, KS THAYER, KS GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650

785/672-8822

580/762-2303



261640

LOCATION OF AUGUS KS
FOREMAN Fred Made

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

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELL N	AME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY		
8-21-13	3244	Neumer	A.1.4	NE 14	15	20	DG		
CUSTOMER	vista E	nergy J		TRUCK#	DRIVER	TRUCK#	DRIVER		
MAILING ADDRI	ESS	nergy I		712	Fremail	TROCK#	DRIVER		
P. O	Box 1:	2 &		495	Harker		1		
CITY	- DIEF		P CODE	370	Ki Car				
Duells	ot He	Ks	66092	503	Set Tuc.				
JOB TYPE LONGSTY HOLE SIZE 578 HOLE DEPTH 96075 CASING SIZE & WEIGHT 24 EUE									
CASING DEPTH 8790 DRILL PIPE Baffle in TUBING 849' OTHER									
SLURRY WEIGH	HT	SLURRY VOL	WATER gal/s	k	CEMENT LEFT in		XP/va		
DISPLACEMEN	т <u> 11.99 ВВ</u>	DISPLACEMENT P	SI MIX PSI		RATE SBPM		0		
REMARKS: Nold Cypu Enter muxing, Establish pump vata mixx Pump 1/2 Gal									
HE: 100 Polymor. Circulated well to condition hale. Mixx Pump 1000									
لعق	Flush M		0 114 SKS			went to			
5%	Salt 5#	Kal Small	sk, Comunt	to SUVY	Sico. Flu	5 h 10141			
lines	cloan.	Displac	a コタ" Rubbaa	Alua La F	3 m CA/ 20 1 6)			
10 8	00 # PS1,	Release p.	ressure to s.	ex floax	Value, Sh	ut in ca	sire		
							0		
To.	S Drilla	y - Wes			Fully	nodu			
		0							
ACCOUNT CODE	QUANITY	or UNITS	DESCRIPTION of	SERVICES or PRO	DDUCT	UNIT PRICE	TOTAL		
5401		/ Pl	JMP CHARGE		495		108500		
5406		25mi MI	LEAGE		495		105 00		
5402	,	879	Cosing frotage	a			N/C		
5407	minimu	Sm	Ton miles		503		36800		
25020		3hrs	80 BBL Vac 7	truck	370	50.500	27000		
							0.70-		
1124			50/50 Poz Mix	Convert			13/100		
1118B		2924	Premium Ger				1 1.24		
1/1)		220#	Granulated S.	all			85 2		
/110 V+	3	570#	Kol Seal 25" Rubber Ph				26220		
4402		á	25" Rubber Ph	/4			2950		
				<u> </u>					
100					ę		,		
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Maria de la companya		/			V	Comple	164		
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	/ /				7.15%	SALES TAX	12533		
avin 3737	A la					ESTIMATED	- 1		
	.11 1/11/2	/				TOTAL	3706		

AUTHORIZTION 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.

	, š	a 4
ASING MECHANICAL INTEGRITY TEST		DOCKET #
	SWIME SWIME . Sec. !	4, T 15 S, R 20 EW
NW-NP Repressuring X	3465 Feet f	rom South Section Line
Tertiary Date injection started API #15 _ O45 _ O2, O14	Lease Neumer County Douglas	Well # <u>AT-4</u>
Operator: Alta UISTA Energy Inc. Name & P.O. BOX 128 Wellsuille 45 66092	Operator License # 343 Contact Person Doug to Phone 75-883-4	Frans
Max. Auth. Injection Press. ps If Dual Completion - Injection above Conductor Surface Size Set at Cement Top Bottom DV/Perf. Packer type Zone of injection Ft. temps of the press. ps Conductor Surface Surface Conductor Surface Surface Surface Figure 1 Conductor Surface Surface Surface Figure 1 Conductor Surface Surface Surface Figure 1 Conductor Surface Surface Figure 2 Conductor Surface Surface Figure 2 Figure 2 Figure 3 Figure 3 Figure 3 Figure 4 Figure 3 Figure 4 Figure 4	production Injection Production Line 27() 37(.35) Cuc 77(.37) TD (and plug back) Size Se	n below production
		Temperature Survey
F Time: Start 10 Min. 20 Min. I 12:30 E Pressures: 725 D A Tested: Casing X or Casing A The bottom of the tested zone is Test Date 1203 Using The operator hereby certifies tha	Min. NO Set up 1 System Set up 2 Annula Set up 3 Fluid G - Tubing Annulus Shut in with Pressure Midwest Survey	Pres. during test r Pres. during test loss during test bbls. Test (rubburplug)
was the zone tested WQUC S	le lact(Title
The results were Satisfactory X State Agent Tour C. Hours REMARKS: Pressured well up	un Title Part	ot Satisfactory
Orgin. Conservation Div.; Computer Update	KDHE/T; Dist. O	ffice; KCC Form U-7 6/84