

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1162952

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:	
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: ()	
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:          Multiple Stage Cementing Collar Used?          If yes, show depth set:          If Alternate II completion, cement circulated from:
If Workover/Re-entry: Old Well Info as follows:	w/
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)         Chloride content:       ppm Fluid volume:       bbls         Dewatering method used:
Spud Date or Recompletion Date     Date Reached TD     Completion Date or 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 III Approved by: Date:

	Side Two	1162952
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	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 Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		-	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	le		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	<pre> Yes No</pre> No Yes No Yes No					
List All E. Logs Run:							
		CASING		ew Used			
		Report all strings set-	conductor, surface, inte	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

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	ł.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	s.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:		METHOD OF COMPLETION:			PRODUCTION INT	ERVAL:				
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit /	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sul	bmit ACC	)-18.)		Other (Specify)						<u></u>

Douglas County, KS Well:Neumer AI-5 Lease Owner:Altavista

Town Oilfield Service, Inc. (913) 837-8400

Commenced Spudding: 8-15-2013

### WELL LOG

Thickness of Strata	Formation	Total Depth
0-4	soil-clay	4
50	sandstone	54
91	shale	145
4	lime	149
6	shale	155
16	lime	171
8	shale	179
7	lime	186
3	shale	189
18	lime	207
7	shale	214
30	sand	244
16	lime	260
25	sandy shale	285
50	shale	335
23	lime	358
17	shale	375
8	lime	383
· 17	shale	400
8	sand	408
16	lime	424
3	shale	427
1	lime	428
14	shale	442
23	lime	465
7	shale	472
24	lime	496
4	shale	500
4	lime	504
4	shale	508
6	lime	514
7	shale	521
11	sand	532
26	shale	558
60	sand	618
36	shale	654
18	sand	672
78	shale	750
10	lime	760
16	shale	776

Douglas County, KS Well:Neumer AI-5 Lease Owner:Altavista

Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400 8-15-2013

1	lime	777
4	shale	
1	sand	781
10		782
	broken sand	792
3	broken sand	795
85	sandy shale	880-TD
Y.		

# Short Cuts

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

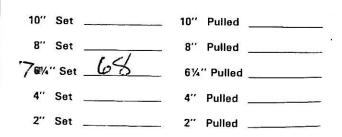
\* Need these to figure belt length WATTS = AMPS TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP

Log	g Bo	ok
Well No. A	I-5	
FarmN~~	mel	
(State)	Deve	) (County)
IU (Section)	اح (Township)	(Range)
For <u>A1+31;5</u>	G Energy Well Owner)	y inc

Town Oilfield Services, Inc. 1207 N. 1st East Louisburg, KS 66053 913-710-5400

Nrume Farm: \_ Douglas \_ County K5 State; Well No. 103d Elevation\_ 15 Commenced Spuding Finished Drilling Driller's Name Driller's Name Driller's Name Ward **Tool Dresser's Name** Pecn Tool Dresser's Name **Tool Dresser's Name** TOS Contractor's Name a (Section) (Township) (Range) 3135 Distance from . line, ft. E 15 Distance from \_ line ft. 9 415

## CASING AND TUBING RECORD



### CASING AND TUBING MEASUREMENTS

-		ine robine		UNCHIEN 13	
Feet	In.	Feet	In.	Feet	In.
828.	95	B	A.	e	
460	65	-11	part		
				27	1
				a	\$
					<del></del>
			-+		
			_		
			_  _		

-1-

Thickness of Strata	Formation	Total	
0-4	Soil-clay	Depth	Remarks
50	sand storte	54	- wuter 18'
91	Shalt	145	- Water 18
Ч	Lime	149	
6	Shale	155	
16	Lime	171	
	Shale	179	
7	Lime	186	-
3	Shale	139	
14	Lime	207	
7	shal-c	214	
30	sand	244	NO OIL
16	Lime	260	
25	sandy shale shale	285	some sind - no Oil
50		335	
23	Lime	358	
17	Shale	375	
8	Lime	383	
17	Shal-e	400	
8	Sand	4055	405-408 slight show
16	Lime	424	
>	Shale	427	
	Lime	428	
- 14	shale	442	
23	Lime	465	448- 0:1 show
- 1	Shale	472	
24	Lime -2-	496	
	-2-		-3-

		496	
Thickness of Strata	Formation	Total Depth	Remarks
4	Shale	500	
4	Lime	504	
<u> </u>	Shale	508	
6	Limz	514	Hertha
7	Shale	521	
11	Sand	532	no Oil
26	Shale	558	
60	Sand	618	no Oil
36	Shale	654	
	Sand	672	no Oil
78	Shale	750	
10	Lime	760	
16	shale	776	
	Lime	777	
- 4	Shalt	781	
	Sand	782	ho Dil
10	broken sand	792	good show
3	broken sand	795	Very little Oil
85	Sandy Shalp	880	TD
	/		
	-4-		
	- <b>--</b>		-5-

CONSOLIDATED Oil Well Services, LLC	<i>REMIT TO</i> Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346		P Chanute 620/431-9210 • 1-80	IN OFFICE .O. Box 884 e, KS 66720 0/467-8676 0/431-0012
INVOICE			Invoice #	261443
	Terms: 0/0/30,n/30		==================== Pa	======= ge 1
ALTAVISTA ENERGY INC 4595 K-33 HIGHWAY P.O. BOX 128 WELLSVILLE KS 66092 (785)883-4057	423 NW1	MER A-I-5 44 4-15-20 15-2013		
1118BPREMIUM1111SODIUM	tion OZ CEMENT MIX GEL / BENTONITE CHLORIDE (GRANULA L (50# BAG)	Qty 40.00 71.00 78.00 200.00	.2200 .3900	Total 460.00 15.62 30.42 92.00
Description 370 80 BBL VACUUM TRUCK (C 495 CEMENT PUMP (SURFACE) 495 EQUIPMENT MILEAGE (ONE 495 CASING FOOTAGE 558 MIN. BULK DELIVERY		1.50		Total 135.00 870.00 .00 .00 184.00

Parts:	598.04	Freight:	.00	Tax:	42.77	AR	1829.81
Labor:	.00	Misc:	.00	Total:	1829.81		
Sublt:	.00	Supplies:	.00	Change:	.00		

7

Signed Date BARTLESVILLE, OK 918/338-0808 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

a	CONSOLIDATED Oil Well Services, LLG
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261443

TICKET	NUMBER	42344

FOREMAN Fred Mash

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

## FIELD TICKET & TREATMENT REPORT

CEMENT

20.0								
DATE	CUSTOMER #	WELLN	AME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
8.15.23	3244	Neumer	# A	I-5	NW 14	15	রম্	DG
CUSTOMER						Telefor and and	n one diff. and the	attorial anti-
Alto		nergy			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDR	ESS				712	Fre mad		
P. O.	130x 13	8			495	Harber		
CITY	2012 (.a. 22		IP CODE		370	Kicar		
Wells	ville	Ks	66092		558	max Coe		
JOB TYPE 51	irface_	HOLE SIZE	778	HOLE DEPTH	68.	CASING SIZE & W	EIGHT_7"	
CASING DEPTH	65'	DRILL PIPE		TUBING			OTHER	-
SLURRY WEIGH	IT	SLURRY VOL		WATER gal/sl	k	CEMENT LEFT in (	CASING 10 +	-
DISPLACEMENT	т <u>2.75В</u> В	DISPLACEMENT (	PSI	MIX PSI		RATE SAA	n	
REMARKS: 1-	lold crew	safety	Meet	time Es	tablish	Circu latio	<del>.</del>	
mix +	- fump	SKE	50/50	OPor n	nix Cem	ent 226 Cel	5% Sal	14
Kc	1 Seal ]	K. Com	at to	surfac	e- fito.	At Disol		
Casi	us clea	n u/ 2.	75 BE	3(5, 0	shut in	casing		
	9					0		
					20.50 - 64.00 - 12.			

705 Wes nd Made Drillin

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	(	PUMP CHARGE Surface Pump		8 70 00
5406		MILEAGE		N/C
5402	68	Casing foo tage		NIC
5407	5 Minimum	Ton Milos		18400
5502C	13	80 BBL Vac Truck		13500
112.4	40545	50/50 Por Mix Cement		460 =
11180	71#	SO/SO Por Mix Cement Premium Gal Granulated Salt		15 52
1111	78#	Granulated Salt		3042
1110H	200#	Kol Seal		9200
			Q	1
			<u>compleie</u>	
				4
		· · · · · · · · · · · · · · · · · · ·		1. er (* <b>17</b>
avin 3737		١.٢	5% SALES TAX	42.77
avar 3707			ESTIMATED TOTAL	182981
UTHORIZTION_		TITLE NUM	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 forr

	CONSOLIDATED Oil Well Services, LLC	<b>REMIT TO</b> Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346		Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346		F Chanut 620/431-9210 • 1-8(	AIN OFFICE P.O. Box 884 e, KS 66720 00/467-8676 20/431-0012
INVOIC	E ====================================			Invoice #			
Invoic	e Date: 08/23/2013	Terms: 0/0/30,n/3	30		ige 1		
4. P W	LTAVISTA ENERGY INC 595 K-33 HIGHWAY .O. BOX 128 ELLSVILLE KS 66092 785)883-4057		NEVMER AI-5 42312 NW 14-15-20 08-16-2013 KS				
======;							
Part N 1124 1118B 1111 1110A 4402 1401	50/50 H PREMIUN SODIUM KOL SEZ 2 1/2"	otion POZ CEMENT MIX 4 GEL / BENTONITE CHLORIDE (GRANULA AL (50# BAG) RUBBER PLUG POLYMER	119.00 300.00	.4600	Total 1368.50 66.00 93.60 273.70 29.50 23.63		
369 8 510 1 666 0 666 1	Description 80 BBL VACUUM TRUCK (C MIN. BULK DELIVERY CEMENT PUMP EQUIPMENT MILEAGE (ONH CASING FOQTAGE		2.50 1.00	Unit Price 90.00 368.00 1085.00 4.20 .00	Total 225.00 368.00 1085.00 84.00 .00		

=========	===========		===========	============	============	========	
Parts:	1854.93	Freight:	.00	Tax:	132.63	AR	3749.56
Labor:	.00	Misc:	.00	Total:	3749.56		
Sublt:	.00	Supplies:	.00	Change:	.00		
========	==========		==========			========	

Signed			· · · · · · · · · · · · · · · · · · ·	Date				
BARTLESVILLE, OK	EL DORADO, KS	EUREKA, KS	PONCA CITY, OK	OAKLEY, KS	OTTAWA, KS	THAYER, KS	GILLETTE, WY	CUSHING, OK
918/338-0808	316/322-7022	620/583-7664	580/762-2303	785/672-8822	785/242-4044	620/839-5269	307/686-4914	918/225-2650



261483

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

1

# TICKET NUMBER 42312 LOCATION Hawa KS FOREMAN Cosey Kennedy

FIELD TICKET & TREATMENT REPORT CEMENT WELL NAME & NUMBER

DATE							
DATE	CUSTOMER #	WELL NAME	E & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/10/13	32414	Nevmor #	AI-5	NW 14	15		COUNTY
CUSTOMER	-		The T		<u> </u>	20	D6
Altroi	sta there			TRUCK #			
MAILING ADDRE	ss 🦻	7			DRIVER	TRUCK #	DRIVER
Ph B	OX 128			481	Casken	V Safely	Machine
CITY		STATE ZIP C	005	6666	Garmon	1	
Wellwil	10	VC II		510	Mik Haa	V	
14 Be Constant and a second		h lolo		369	DerMas	r	
JOB TYPE /		HOLE SIZE 54/6	HOLE DE		CASING SIZE & V	VEIGHT_276	" 1 15
CASING DEPTH	-840'	DRILL PIPE	TUBING	baffle- 829	1		eve
SLURRY WEIGH	Г	SLURRY VOL	WATER			OTHER	<u> </u>
DISPLACEMENT	4.80 ble	DISPLACEMENT PSI_		Contraction of the second second	CEMENT LEFT in	CASING 31'	
	A A A		MIX PSI_		RATE 4.56	n	
REMARKS: A al	a satisfy	meeting, esta	alished circ	ulation . mi	red + -	and 1/2	1P.
circulated.	well to	- the to con	ndition ho			11 - 2	1 lougner
Gel follo	wood by	10 6bls foost			pumped	00 # Pro	enium
Care ant	1 2007	1 The 11		nixed + pun	rped 119 5	ks \$50 Pc	quix
al de la companya de	y dia go	, o To salt	TOFLO	(seal por sk	comput	to surface	
Hushed pu	up clain,	pumped 21:	" rubber p.	we to haffle	1981	U. S.	
pressured	508 01	DSI, released		1		bls tresh u	inter_
1			Concente	, duit in case	ng		
need to be a second t						-	
					<b>I I</b>		

			/	
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		TOTAL
5401	1	PUMP CHARGE		
5406	20 mi	MILEAGE		1085.00
5402	840.	casing tootage		84.00
5407	minineum	ton nileage		·
55020	ashirs	80 Vac		368.00
		00 04		223.00
1124	119 sks	59/50 Poznix conent		<u></u>
11188	300 #	Denion Gel		1368.50
111	240 #	Salt		66.00
ILGA	595 #	Kolseal		93.60
4402	1	21/2" rubber plug		273.70
1401	1/2 gal	Polymer		×1.30
		- C-Ghavi		23.63
		1.		
			ramplat	
avin 3737		7.15%	SALES TAX	132 (2)
			ESTIMATED	132.63
UTHORIZTION				3749.56
			DATE	

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.

/ · · · ·		i ar
ASING MECHANICAL INTEGRITY TEST		DOCKET #
Disposal Enhanced Recovery:	NESW SW NE, Sec	14, T 15 S, R 20 EW
NW-NP Repressuring		from South Section Line from East Section Line
Tertiary Date injection started API #15 -045 -22,015	Lease Neumer County Douglas	Well # <u>AI-5</u>
Operator: AltauISTA ENRUGY INC.	Operator License # $34$	350
Name & P.O. BOX 128	Contact Person Daug	
Wellsuille, 15 10092	Phone 785-883-7	057
F Time: Start 10 Min. 20 Min.	TD (and plug back) ft Size ft Ft Ft Perf	bbl/d; ion below production ner Tubing Size Set at Type Set at . or open hole Temperature Survey
E pressures: $\frac{000}{11}$ $\frac{800}{11}$		em Pres. during test lar Pres. during test
D		d loss during test bbls.
A	- Tubing Annulus	
A The bottom of the tested zone is sh	ut in with Pressure	Test (rubber Dlug)
Test Date 8/27/2013 Using	Midwest Surver	Company's Equipment
The operator hereby certifies that	the zone between	feet and <u>860.65</u> feet
was the zone tested Daud As	Inature	Contractor Title
The results were Satisfactory $X$	, Marginal,	Not Satisfactory
State Agent Tayo C' Harman	Title TERT	Witness: Yes No X
REMARKS: Pressured will up to 8	00#	
Orgin. Conservation Div.;	KDHE/T; MU Dist.	Office; KCC Form U-7 6/84