

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1065513

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM

		DECODUDTIO		
WELL	HISTORY	<ul> <li>DESCRIPTIOI</li> </ul>	N 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.):         If Workover/Re-entry:       Old Well Info as follows:	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?
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	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:      Dual Completion Permit #:	Operator Name:
Dual Completion         Permit #:           SWD         Permit #:	Lease Name: License #:
ENHR     Permit #:	Quarter Sec TwpS. R East West
GSW         Permit #:	County: Permit #:
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	1
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		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	gical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>		☐ Yes ☐ Yes ☐ Yes	□ No □ No □ No					
List All E. Logs Run:								
		Report all		RECORD No	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	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				ļ		ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD: Size: Set At:		Packer At: Lin		Liner R	un:	No				
Date of First, Resumed Production, SWD or ENH			۶.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITIO	N OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold Used on Lease Open Hole Perf.		Dually (Submit /		Commingled (Submit ACO-4)						
(If vented, Submit ACO-18.)			Other (Specify)							

Franklin County, KS Well: Brown AI-2 Lease Owner:Altavista

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

### WELL LOG

Thickness of Strata	Formation	Total Depth
0-13	Soil/Clay	13
27	Lime	40
5	Shale	45
17	Lime	62
20	Shale	82
2	Lime	84
16	Shale	100
24	Lime	134
72	Shale	196
21	Lime	217
10	Shale	227
1	Lime	228
15	Shale	243
6	Lime	249
27	Shale	276
6	Lime	282
28	Shale	310
22	Lime	332
7	Shale	339
25	Lime	364
4	Shale	368
12	Lime	380
44	Shale	424
10	Sand	434
59	Shale	493
7	Sand	500
35	Shale	535
8	Lime	543
92	Shale	635
3	Lime	638
6	Shale	644
1	Sand	645
11	Sand	656
6	Sand	662
78	Sandy Shale	740
3	Sand	743
10	Shale	753
3	Sand	756
2	Shale	758-TD

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20 Total

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..... ISTERIA Franklin \_ Ferm: County VS 2 State; Well No. 964 Elevation. **Commenced Spuding** 20 Finished Drilling **Driller's Name** 12 P. Driller's Name Driller's Name Carl **Tool Dresser's Name** Tool Dresser's Name Tool Dresser's Name Contractor's Name Po L 2 (Section) (Township) (Range) 85 line. Distance from Ø Distance from 3 Sacks 846 - 863 CASING AND TUBING RECORD 10" Set 10" Pulled 8" Set 8" Pulled 1 7 🕬 Set 6%" Pulled 4" Set 4" Pulled 2. USet

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#### CASING AND TUBING MEASUREMENTS

Feet	ln,	Feet	In.	Fe	et	In.
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Thickness of Strata	Formation	Total Depth	Remarks
9-13	Soil /Clay	03	
27	LIME	40	
5	Shale	45	
17	LANDE	62	
20	Shalp	22	
2	Lime	84	
<u><u></u>Iċ</u>	Shale	100	
24	Line	134	
		02500	Steiner HERE
_72	tappen Shale	194	
21	Lime	61	
10	Shale	227	
1	Limp	228	
[5]	Shale	17 112	
_le	LIMP	249	A Martin Contraction of Martin Contraction of Martin
-27	shalp	276	
Se	Lime	FUL	
20	Shalf	310	
- 22	Lipit		
75	Shale	3,11	
 U	Line	368	
	Shalf	380	<u>h</u>
- 40	Shale	424	Herthq
10	E a dal	434	NO. Orl
59	Shalp	493	
7	Sand	500	KID DIT
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	Thickness of Strata	Formation	Total Depth	Remarks
	35	Shaff	535	
	9	Lime	543	
	97	Shell	1035	Seme trulp
	-14	Line	630	Brown
		Shale	1044	DOW
			AUE	Cost
	Out it	Sand	656	Oil Gore from 6461
	PARK IL	Sand	656	OIL Gore From 6491
		Sand	10/2/	10% or less
	78	Sandy Shalp	170	
	3_	Sand	743	No OII
		Shall	753	
· · · · ·	3	Sand	754	
	2	Shalp	758	TD
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	CONSOLIDATED Oil Well Services, LLC	<b>REMI</b> Consolidated Oil W Dept. P.O. Box Houston, TX	ell Services, LLC 970 4346	F Chanute 620/431-9210 • 1-80	Main Office .O. Box 884 e, KS 66720 10/467-8676 20/431-0012
INVOICE				Invoice #	
	======================================	erms: 0/0/30,n/3			ige 1
45 P. WE	LTAVISTA ENERGY INC 595 K-33 HIGHWAY .O. BOX 128 ELLSVILLE KS 66092 785)883-4057		BROWN AI-2 32755 NE 19 16 22 FF 08/19/2011 KS	2	
Part Nu 1124 1118B 1111 1110A 4402 1143 1401	50/50 PO PREMIUM GRANULAT KOL SEAL 2 1/2" R	Z CEMENT MIX GEL / BENTONITE ED SALT (50 #) (50# BAG) UBBER PLUG PENDER SS-630,ES	105.00 276.00 203.00 525.00 1.00	.3500	Total 1097.25 55.20 71.05 231.00 28.00 20.20 23.63
368 C 368 E 368 C 505 W	Description CEMENT PUMP EQUIPMENT MILEAGE (ONE CASING FOOTAGE WATER TRANSPORT (CEMENT MIN. BULK DELIVERY		Hours 1.00 15.00 739.00 2.00 1.00		Total 975.00 60.00 .00 224.00 330.00

 Parts:
 1526.33 Freight:
 .00 Tax:
 119.06 AR
 3234.39

 Labor:
 .00 Misc:
 .00 Total:
 3234.39

 Sublt:
 .00 Supplies:
 .00 Change:
 .00

Signed

BARTLESVILLE, OK 918/338-0808

ELDORADO, KS 316/322-7022

Eureka, Ks 620/583-7664 GILLETTE, WY 307/686-4914

OAKLEY, KS 785/672-2227 Оттаwа, Ks 785/242-4044 Thayer, Ks 620/839-5269

Date

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17							32	755
( A	CONSOLID/	ATED				TICKET NUMB		
	<b>Oil Well Service</b>	s, LLC				LOCATION		
					i		glan M.	40 47
	, Chanute, KS 6672	5 <b>0</b>	LD TICKET		TMENT REP	ORT		
	0 or 800-467-8676			CEMEN			<b></b>	
DATE	CUSTOMER #		L NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
8-19.1	1 3344	Drown	AI.	2	NEIG	10	22	JR
CUSTOMER	ind E.	1810.	ν	ſ			TOUCK	DRIVER
MAILING AD	DRESS	Jergy	· · · · · · · · · · · · · · · · · · ·		TRUCK #	DRIVER	TRUCK#	Meet
PA	Box 188	-			368	Mon M	Ogre/	11/20/
	EUX OU	STATE	ZIP CODE		TOTANY	The NI	JAD	
	ille	145	1,6092		505110	C M	SAM	
	1		-710		200	Lary M	6/1	Ş
	DAG	HOLE SIZE		HOLE DEPTH	1_750_	CASING SIZE & W		EL-ATAZ
CASING DEF	10 10 10 10 10 10 10 10 10 10 10 10 10 1	DRILL PIPE		TUBING		•••••	0.0	F12 @ 108
SLURRY WE	6 1	SLURRY VOL	297	WATER gal/s	•	CEMENT LEFT in		
DISPLACEM		DISPLACEMEN		Construction and the second second	100	RATE 50	om 1	<u></u>
REMARKS:	Held crae	> Mee	Vinc. K.	92061	shed rat	e, ///.x	ed + j	u mped
12 ggl	FSHHI	+ 12. SC	al paly	ner. (	renta	Tettin	ro ue	W
Lit.	Misted	+ pym	prol 10	<u>7 \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </u>	50/50	p02, p1	4.5 5%	Sept 7
JA K	pliscol, 2°	20.901,	Gircy	atra	com	ent. J	14540	of pump
Pym	prd plu	g 70	batt	le @	7081	Well	rela 8	POLSE
Sex	Moat. C	losed	value.					
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TO	5 Drilli	ns						
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		9				AS	Law M	oder
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ACCOUN		0		SCRIPTION of	f SERVICES or PR	<u>_</u>		TOTAL
ACCOUN	T	0			f SERVICES or PR	орист		TOTAL
ACCOUN CODE 5401	T	0	PUMP CHARG		f SERVICES or PR	орист 368		975.00
ACCOUN CODE 3401 5406	T QUANITY	or UNITS	PUMP CHARG	E		орист 368 368		TOTAL 975.20 40.00
ACCOUN CODE 3401 5406 5408	T QUANITY	0	PUMP CHARG MILEAGE	e s fou	tage	орист 368 368 368		975.00 60.00
ACCOUN CODE 5401 5406 5408 5408	T QUANITY	or UNITS 1 15 39'	PUMP CHARG MILEAGE CQS:A Xua	Е <u>5 Го</u> с м:1е.5	tage	0DUCT 368 368 368 368 51D		975.20 40.00 
ACCOUN CODE 3401 5406 5408	T QUANITY	or UNITS 1 15 39'	PUMP CHARG MILEAGE CQS:A Xua	Е <u>5 Го</u> с м:1е.5	tage	орист 368 368 368		975.00 60.00
ACCOUN CODE 5401 5406 5408 5408	T QUANITY	or UNITS 1 15 39'	PUMP CHARG MILEAGE CQS:A Xua	e s fou	tage	0DUCT 368 368 368 368 51D		975.20 40.00 
ACCOUN CODE 3401 5406 5408 5408	T QUANITY	or UNITS 1 15 39'	PUMP CHARG MILEAGE CQS:A Loa Tran	s fou M:les g port	tage	0DUCT 368 368 368 368 51D		975.20 40.00 
ACCOUN CODE 5401 5406 5408 5407 5501	T QUANITY	or UNITS 1 15 39'	PUMP CHARG MILEAGE CQS:1 Lon Tran SD150	s fou M:les g port	tage	0DUCT 368 368 368 368 51D		975.20 40.00 
ACCOUN CODE 5401 5406 5407 5407 5501	T QUANITY	or UNITS 1 15 39'	PUMP CHARG MILEAGE CQS:A Loa Tran	s fou M:les g port	tage	0DUCT 368 368 368 368 51D		975.20 40.00 
ACCOUN CODE 5401 5406 5408 5407 5501	T QUANITY	or UNITS 1 5 3 9 1 5 5 3 9 1 5 5 5 5 5 5 5 5 5 5 5 5 5	PUMP CHARG MILEAGE CQS:A Lon Tran SD150 QE SG1:	5 for M: 7e.5 3 port poz	tage	0DUCT 368 368 368 368 51D		975.20 40.00 330.25 224.00 1097.25 55.20 71.05
ACCOUN CODE 5401 5406 5408 5407 5501 1124 1118 1110	T QUANITY	or UNITS 15 39' 2 5.5 K 26, #	PUMP CHARG MILEAGE CQS:1 Lon Tran SD150	5 for M: 7e.5 3 port poz + 3eg (	<i>tag</i> €	0DUCT 368 368 368 368 51D		975.20 40.00 
ACCOUN CODE 5406 5406 5408 5408 5407 5501 1124 1118 1110 4402	T QUANITY	or UNITS 1 5 3 7 5 5 5 5 5 5 5 5 5 5 5 5 5	PUMP CHARG MILEAGE CQS:A Lon Tran SD150 QE SG1:	5 for M: 7e.5 3 port poz	<i>tag</i> €	0DUCT 368 368 368 368 51D		975.20 40.00 330.25 224.00 1097.25 55.20 71.05
ACCOUN CODE S401 S406 S408 S408 S407 S501 1124 1124 118 118 1110 4402 1143	T QUANITY	or UNITS 1 5 3 9 1 5 5 3 9 1 5 5 5 5 5 5 5 5 5 5 5 5 5	PUMP CHARG MILEAGE C Q S: A T D A T A Q A SD (50) Q E SG (5) SG (	5 for M: les 9 port poz 4 3 eg ( 9 lus 9 lus	<i>tag</i> €	0DUCT 368 368 368 368 51D		975.20 40.00 330.20 224.00 1097.25 55.20 71.05
ACCOUN CODE 5406 5406 5408 5408 5408 5408 1124 1124 1118 11100 4402	T QUANITY	or UNITS 1 5 3 7 5 5 5 5 5 5 5 5 5 5 5 5 5	PUMP CHARG MILEAGE C Q S: A T D A T A Q A SD (50) Q E SG (5) SG (	5 for M: 7e.5 3 port poz + 3eg (	<i>tag</i> €	0DUCT 368 368 368 368 51D		975.20 40.00 330.20 224.00 1097.25 55.20 71.05
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ACCOUN CODE 5406 5406 5407 5407 5501 1124 1124 1118 1110 4402 1173	T QUANITY	or UNITS 1 5 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5	PUMP CHARG MILEAGE C q S: A Lo A T ng A T ng A T ng A SD 150 g le A SG 15 SG 15 G le A SG 15 SG	5 for M: les 9 port poz 4 3 eg ( 9 lus	<i>tag</i> €	0DUCT 368 368 368 368 51D		975.20 40.00 330.20 324.00 1097.25 55.20 71.05 231.00 28.00 28.00 23.63
ACCOUN CODE 5406 5406 5407 5407 5501 1124 1118 1118 1110 4402 11401 1401	T QUANITY	or UNITS 1 5 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5	PUMP CHARG MILEAGE C q S: A Lo A T ng A T ng A T ng A SD 150 g le A SG 15 SG 15 G le A SG 15 SG	5 for M: les 9 port poz 4 3 eg ( 9 lus	<i>tag</i> €	0DUCT 368 368 368 368 51D	UNIT PRICE	975.20 40.00 330.25 224.00 1097.25 55.20 71.05
ACCOUN CODE 5406 5406 5407 5407 5501 1124 1124 1118 1110 4402 1173	T QUANITY	or UNITS 1 5 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5	PUMP CHARG MILEAGE C q S: A Lo A T ng A T ng A T ng A SD 150 g le A SG 15 SG 15 G le A SG 15 SG	5 for M: les 9 port poz 4 3 eg ( 9 lus	<i>tag</i> €	0DUCT 368 368 368 368 51D	UNIT PRICE	975.00 40.00 330.20 224.00 1097.25 55.20 71,05 231.00 28.00 28.00 28.00

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.