



KANSAS CORPORATION COMMISSION 1075330  
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 # 33739  
Name: SEK Energy, LLC  
Address 1: 149 BENEDICT RD  
Address 2: PO BOX 55  
City: BENEDICT State: KS Zip: 66714 +  
Contact Person: Kerry King  
Phone: ( 620 ) 698-2150  
CONTRACTOR: License # 5831  
Name: M.O.K.A.T.  
Wellsite Geologist: N/A  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW  
 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 #: \_\_\_\_\_  
08/19/2011    08/22/2011    09/07/2011  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-205-27964-00-00  
Spot Description: \_\_\_\_\_  
NE SW SW NW Sec. 32 Twp. 28 S. R. 17  East  West  
2280 Feet from  North /  South Line of Section  
360 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Wilson  
Lease Name: Erbe, Tom Well #: 2-32  
Field Name: \_\_\_\_\_  
Producing Formation: Mississippi  
Elevation: Ground: 995 Kelly Bushing: 0  
Total Depth: 1237 Plug Back Total Depth: 1230  
Amount of Surface Pipe Set and Cemented at: 21 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 1230  
feet depth to: 0 w/ 135 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bbls  
Dewatering 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: 02/28/2012  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrison Date: 03/01/2012



1075330

Operator Name: SEK Energy, LLC Lease Name: Erbe, Tom Well #: 2-32  
 Sec. 32 Twp. 28 S. R. 17  East  West County: Wilson

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Attached</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Lenapah Lime</td> <td>512</td> <td>-483</td> </tr> <tr> <td>Altamont Lime</td> <td>550</td> <td>-445</td> </tr> <tr> <td>Pawnee Lime</td> <td>660</td> <td>-335</td> </tr> <tr> <td>Oswego Lime</td> <td>724</td> <td>-271</td> </tr> <tr> <td>Verdigris Lime</td> <td>846</td> <td>-149</td> </tr> <tr> <td>Mississippi</td> <td>1142</td> <td>147</td> </tr> </table>	Name	Top	Datum	Lenapah Lime	512	-483	Altamont Lime	550	-445	Pawnee Lime	660	-335	Oswego Lime	724	-271	Verdigris Lime	846	-149	Mississippi	1142	147
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Mississippi	1142	147																				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	11	8.625	18	21	Portland	4	
Production	6.75	4.5	10.5	1230	Thickset	135	

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
2	4 Shots at 1144'-1147'	Acid breakdown 225gal 15%HCL, 25 ballsealers	1144-1147, 1150-1153'
2	4 Shots at 1150'-1153'		
2	4 Shots at 1157'-1159'		

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>1145'</u> Packer At: <u>n/a</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR: <u>09/08/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>.5</u> Gas Mcf <u>0</u> Water Bbls. <u>30</u> Gas-Oil Ratio _____ Gravity <u>30</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dualy Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	SEK Energy, LLC
Well Name	Erbe, Tom 2-32
Doc ID	1075330

All Electric Logs Run

Den-Neu Log
DIL Log
Temp Log
G.R/ Neutron/Cement Bond Completion Log

Air Drilling  
Specialist  
Oil and Gas Wells



**M.O.K.A.T. DRILLING**  
Office Phone: (620) 879-5377



P.O. Box 590  
Caney, KS 67333

Operator <b>SEK ENERGY LLC</b>		Well No. 2-32	Lease ERBE, TOM	Loc.	14	14	14	Sec. 32	Twp. 28	Rge. 17		
County WILSON		State KS		Type/Well	Depth 1237'	Hours	Date Started 8-19-11	Date Completed 8-22-11				
Job No.	Casing Used 21' 8 5/8"	Bit Record				Coring Record						
		Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller TOOTIE	Cement Used 4			6 3/4"								
Driller	Rig No.											
Driller	Hammer No.											

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	1	OVERBURDEN	548	557	LIME	927	942	SHALE			
1	14	LIME	557	570	SHALE	942	943	COAL			
14	122	SHALE	570	577	SAND	943	952	SANDY SHALE			
122	127	LIME	577	650	SHALE	952	962	SAND			
127	130	SHALE	650	653	LIME	962	983	SANDY SHALE			
130	140	SAND	653	659	BLK SHALE COAL	983	984	COAL			
140	155	SANDY SHALE	659	684	LIME	984	1007	SHALE			
155	157	LIME	684	686	BLK SHALE	1007	1009	COAL			
157	184	SAND	686	722	SHALE	1009	1075	SHALE			
184	185	COAL	711		GAS TEST SAME	1075	1132	SANDY SHALE			
185	188	SHALE	722	723	COAL	1087		GAS TEST SAME			
188	195	SAND SANDY SHALE	723	745	LIME OIL ODOR	1132	1135	COAL			
195	238	SANDY SHALE	745	751	BLK SHALE COAL	1135	1142	SHALE			
238	240	LIME	751	759	LIME	1142	1157	MISS CHAT OIL ODOR			
240	245	SAND	752		GAS TEST SAME	1157	1237	LIME OIL SHOW			
245	324	LIME	759	763	BLK SHALE COAL	1187		GAS TEST 11# 1/4"			
324	326	BLK SHALE COAL	763	770	LIME						
326	330	SAND	770	780	SHALE			T.D. 1237'			
330	365	SANDY SHALE	780	804	SANDY SHALE						
365	376	LIME	804	830	SHALE						
376	380	SHALE	830	833	COAL						
380	392	LIME	833	845	SHALE						
392	397	BLK SHALE	845	846	LIME						
397	399	SHALE	846	851	BLK SHALE COAL						
399	401	COAL	851	881	SHALE						
401	449	LIME	881	882	LIME						
449	505	SHALE	882	886	SHALE						
505	508	BLK SHALE	886	887	COAL						
508	512	LIME	887	895	SAND						
511		GAS TEST 1# 1/4"	895	925	SANDY SHALE						
512	548	SANDY SHALE	925	927	COAL						



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 31488

LOCATION Eureka KS

FOREMAN Steve Newl

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-25-11	7865	Erb # 2-32				Wilson
CUSTOMER SEK Energy			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS P.O. Box 55			485	Alan m		
CITY STATE ZIP CODE Benedict KS 66714			479	Joey		
			437	Chris B		
			452/763	Jim		
JOB TYPE <u>Longstring</u>		HOLE SIZE	HOLE DEPTH <u>1237</u>	CASING SIZE & WEIGHT <u>4 1/2 9.5"</u>		
CASING DEPTH <u>1228'</u>		DRILL PIPE	TUBING	OTHER		
SLURRY WEIGHT <u>13.5#</u>		SLURRY VOL	WATER gal/sk	CEMENT LEFT IN CASING		
DISPLACEMENT <u>19.90 bbls</u>		DISPLACEMENT PSI <u>900#</u>	MIX PSI <u>Bump Play 1400#</u>	RATE		

REMARKS: SAFETY AND TRIP RIG TO 4 1/2 casing with washhead wash units casing down 80' Pump 400# Gel Flush w/ hulls 5 bbls water spacer 2 bbls Pro Flush 12 bbls DYE WATER. Mix 135 sks Thick set cement w/ 4" Kal Seal + 1" Phenoseal per/sk AT 13.5# Wash out pump & lines shut down. Release plug. Displace with 20 bbls Fresh water. Final pumping pressure 900#. Pump Play 1400#. Wait 2 min Release pressure. Plug held. Good cement B-25 waste surface (White Slurry) to pit. Job complete Rig down.

*Thank You*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
5406	50	MILEAGE	4.00	200.00
1126A	135 sks	Thick set cement	18.70	2470.50
1116A	540 #	Kal Seal 4" per/sk	.44	237.60
1107A	135 #	Phenoseal 1" per/sk	1.22	164.70
1118B	400 #	Gel Flush	.20	80.00
1105	50 #	Hulls	.42	21.00
1102	80 #	Coalz	.70	56.00
1111A	100 #	Metasilicate	1.90	190.00
5501C	4 hrs	Water Transport	112.00	448.00
5502C	4 hrs	8 bbl Vacuum Truck	90.00	360.00
1123	5500 gallons	City Water	15.60/1000	85.80
5415F	2.43 tons	Ton mile Bulk Truck	1.26	468.00
4444	1	4 1/2 Tap Rubber Plug	45.00	45.00
			SubTotal	5801.69
			SALES TAX	
			ESTIMATED TOTAL	

Revin 3737

AUTHORIZATION Steve Newl

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

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-457-8676

TICKET NUMBER 52897  
FIELD TICKET REF # 45293  
LOCATION Thayer  
FOREMAN Scott Aubrey

**TREATMENT REPORT  
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-7-11		Esda Tract #2-32	32	E05	17E	Wk
CUSTOMER			* Safety meeting attendees			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			424	Eric		
STATE			4285	Marvin		
ZIP CODE						

**WELL DATA**

CASING SIZE <u>4 1/2</u>	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE <u>2 3/4 7516</u>	PACKER DEPTH <u>1113'</u>
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>1144-47 (4)</u>	
<u>1150-53 (4)</u>	<u>Missouri</u>
<u>1157-59 (4)</u>	

**TYPE OF TREATMENT**

Tubespout - Acid ball-off

**CHEMICALS**

KCL in Brack  
Acid-inhibitor - Stimul

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
<u>Breakdown</u>	<u>1.5</u>				<u>1500</u>	BREAKDOWN <u>1500</u>
<u>WAK</u>						START PRESSURE
<u>STAGE ACID</u>		<u>2.0</u>		<u>1300-1000</u>		END PRESSURE
<u>WAK</u>						BALL OFF PRESS <u>3000</u>
<u>Acid @ 4 bpm</u>		<u>3.0</u>			<u>1100</u>	ROCK SALT PRESS
<u>190 gal 4-9 HCL acid</u>		<u>3.0</u>			<u>1150</u>	ISIP <u>500</u> <u>12:12</u>
<u>+ 2.5 balls stage</u>		<u>3.0</u>			<u>1200</u>	5 MIN <u>375</u> <u>12:07</u>
<u>throw-out acid</u>		<u>3.5</u>			<u>1500</u>	10 MIN <u>300</u> <u>12:12</u>
<u>run to fill max ball off</u>						15 MIN
<u>PSI achieved</u>					<u>3000</u>	MIN RATE <u>2.0</u>
<u>Return ball off T.D.</u>		<u>4.0</u>	<u>FLUSH 10 bbls</u>	<u>10</u>	<u>50-900</u>	MAX RATE <u>6.0</u>
<u>FLUSH OF INSUL</u>		<u>4.5</u>	<u>undr packer allow</u>	<u>1000</u>		DISPLACEMENT <u>4.9</u>
<u>rem. mix KCL water</u>		<u>5.2</u>	<u>thru packer</u>	<u>1100</u>		<u>4.3 + .6 = 205 gal.</u>
<u>TOTAL FLUID</u>	<u>47.7</u>	<u>6.0</u>	<u>7.13</u>	<u>11.9</u>	<u>1100/1000</u>	

REMARKS: \* hold safety-RIP meeting; 0 bbls 1 gal

Tub spout acid @ 1159 = 4.5 bbls / 190 gal  
spout 7.5 gal 4-9 HCL acid flush 150 gal behind + set packer

Location 9:00 AM - 12:30 PM 10 miles

AUTHORIZATION Scott Aubrey TITLE \_\_\_\_\_ DATE 9-7-11

Terms and Conditions are printed on reverse side.

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 28, 2012

Kerry King  
SEK Energy, LLC  
149 BENEDICT RD  
PO BOX 55  
BENEDICT, KS 66714

Re: ACO1  
API 15-205-27964-00-00  
Erbe, Tom 2-32  
NW/4 Sec.32-28S-17E  
Wilson County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Kerry King

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 29, 2012

Kerry King  
SEK Energy, LLC  
149 BENEDICT RD  
PO BOX 55  
BENEDICT, KS 66714

Re: ACO-1  
API 15-205-27964-00-00  
Erbe, Tom 2-32  
NW/4 Sec.32-28S-17E  
Wilson County, Kansas

Dear Kerry King:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 08/19/2011 and the ACO-1 was received on February 28, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department