



Operator SEK ENERGY LLC		Well No. 2-32	Lease ERBE, TOM	Loc. KS	1/4	1/4	1/4	Sec. 32	Twp. 28	Rge. 17	
County WILSON		State KS		Type/Well 1237'	Depth 1237'	Hours	Date Started 8-19-11	Date Completed 8-22-11			
Job No.	Casing Used 21' 8 5/8"	Bit No.	Type 6 3/4"	From	To	Bit No.	type	Size	From	To	% Rec.
Driller TOOTIE	Cement Used 4										
Driller	Rig No.										
Driller	Hammer No.										

Formation Record

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	548	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 Europe, KS

FOREMAN Steve McNeil

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	EPBR # 2-32				W. / son
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		
			452/163	Jim		
JOB TYPE <u>Longstring G</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 Plug 1400#</u>	RATE			

REMARKS: SAFETY ALERTING Rig up to 4 1/2 casing with washhead wash units
Casing down 80' Pump 400# Gel Flush w/ hulls 5bbls water spacer. 20bbls
Pre flush 12bbls 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 20bbls Fresh water. Final pumping pressure
900#. Pump Plug 1400#. Wait 2min Release pressure. Plug held. Good
Cement Returns to surface 6bbls 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	18.30	2470.50
1110A	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 #	CaCl2	.70	56.00
1111A	100 #	Metasilicate	1.90	190.00
5501C	4 hrs	Water Transport	112.00	448.00
5502C	4 hrs	Subbl Vacuum Truck	90.00	360.00
1123	5500 gallons	CITY water	15.60/1000	85.80
5407A	7.43 tons	Ton millard Bulk Truck	1.26	468.09
41401	1	4 1/2 Top Rubber plug	45.00	45.00
			SubTotal	5801.69
			SALES TAX	
			ESTIMATED TOTAL	

Ravin 3737

AUTHORIZATION Doug Lamb 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 800-467-8676

TICKET NUMBER 52897
FIELD TICKET REF # 43293
LOCATION Trayer
FOREMAN Brett Babby

**TREATMENT REPORT
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-7-11		Esche Twp #2-22	32	28S	17E	WV
CUSTOMER S.E.K. Energy			* Safety meeting attendees			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			424	Eric		
STATE			61875	Marvin		
ZIP CODE						

WELL DATA

CASING SIZE <u>4 1/2</u>	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE <u>2 3/8 2516</u>	PACKER DEPTH <u>1113'</u>
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>1147-47 (4)</u>	
<u>1150-53 (4) Mississippi</u>	
<u>1157-59 (4)</u>	

TYPE OF TREATMENT
Tubespnt - Acid ball-off

CHEMICALS
KCL Salt - Biocide
Acid - inhibitor - Stim Oil

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
Breakdown		<u>1.5</u>			<u>1500</u>	BREAKDOWN <u>15:00</u>
30AK						START PRESSURE
START ACID		<u>2.0</u>		<u>1300-1000</u>		END PRESSURE
30AK						BALL OFF PRESS <u>3000</u>
Acidize @ 4 bpm		<u>3.0</u>			<u>1100</u>	ROCK SALT PRESS
w/ 150 gal 15% HCL acid		<u>3.0</u>			<u>1150</u>	ISIP <u>500 12:02</u>
+ 25 wells stage		<u>3.0</u>			<u>1200</u>	5 MIN <u>375 12:07</u>
throw-out acid		<u>3.5</u>			<u>1500</u>	10 MIN <u>300 12:12</u>
run to fill max ball off						15 MIN
psi achieved					<u>3000</u>	MIN RATE <u>2.0</u>
Release balls to T.D.	<u>4.0</u>		<u>FLUSH 10 bbls</u>	<u>1050-900</u>		MAX RATE <u>6.0</u>
FLUSH CASING w/	<u>4.5</u>		<u>unset packer above</u>	<u>1000</u>		DISPLACEMENT <u>4.9</u>
remaining KCL water	<u>5.2</u>		<u>throat pack 12'</u>	<u>1100</u>		<u>4.3 + .6 = 205 gal.</u>
TOTAL FLUID	<u>47.7 / 6.0</u>		<u>113 / 111</u>	<u>1100 / 1000</u>		

REMARKS: * hold safety-RIP meeting

Tub spnt acid @ 11:59 = 4.5 bbls / 190 gal
spnt 75 gal 15% HCL acid flush 150 gal behind + set packer

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

AUTHORIZATION Doug Lamb TITLE _____ DATE 9-7-11