

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 03194  
Name: Tri United, Inc  
Address: 950 270th Ave  
City/State/Zip: Hays, Ks 67601  
Purchaser: Plains  
Operator Contact Person: Eugene Leiker  
Phone: (785) 628-3670  
Contractor: Name: Shields oil producers  
License: 5184  
Wellsite Geologist: Eugene Leiker  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
6-14-11 6-20-11 7-15-11  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 051-26147-00-00  
County: Ellis  
E2 NE NW SW Sec. 15 Twp. 12 S. R. 18  East  West  
2310' feet from S N (circle one) Line of Section  
3990' feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Karlin Well #: 6  
Field Name: Bemis-shutts  
Producing Formation: Arbuckle  
Elevation: Ground: 2175 Kelly Bushing: 2180  
Total Depth: 3710 Plug Back Total Depth: NA  
Amount of Surface Pipe Set and Cemented at 208' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1440'  
feet depth to Surface w/ 240 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content 44,000 ppm Fluid volume 500 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Eugene E Leiker  
Title: President Date: 10-2-11  
Subscribed and sworn to before me this 2<sup>nd</sup> day of October  
20 11.  
Notary Public: Ayrton Pittman  
Date Commission Expires: 10/7/14



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
Alt 2-Dlg - 10/5/11 **OCT 04 2011**

**KCC WICHITA**

Operator Name: Tri United, Inc. Lease Name: Karlin Well #: 6  
 Sec. 15 Twp. 12 S. R. 18  East  West County: Ellis

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets)  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 (Submit Copy)  List All E. Logs Run: <p style="text-align: center;">Radiation Gaurd Log</p>	<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> <td style="width:10%;">KB</td> </tr> <tr> <td>Anhydrite</td> <td>1438</td> <td>742</td> <td></td> </tr> <tr> <td>Topeka</td> <td>3125</td> <td>-945</td> <td></td> </tr> <tr> <td>Heebner</td> <td>3398</td> <td>-1218</td> <td></td> </tr> <tr> <td>LKC</td> <td>3424</td> <td>-1244</td> <td></td> </tr> <tr> <td>Arbuckle</td> <td>3701</td> <td>-1521</td> <td></td> </tr> </table>	Name	Top	Datum	KB	Anhydrite	1438	742		Topeka	3125	-945		Heebner	3398	-1218		LKC	3424	-1244		Arbuckle	3701	-1521	
Name	Top	Datum	KB																						
Anhydrite	1438	742																							
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Heebner	3398	-1218																							
LKC	3424	-1244																							
Arbuckle	3701	-1521																							

CASING RECORD <input type="checkbox"/> New <input checked="" 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	12 1/2	8 5/8	20#	208'	com	140	60/40 3%cc 2%gel
Production	7 7/8	4 1/2	10.5#	3702'	com	210	10%salt 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1440' to	surface	240sks	210sks lite & 30sks com 3%cc

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
Open Hole	3702 to 3710'	250 gal 15% Mud cleanup	acid

TUBING RECORD		Size <u>2 3/8</u>	Set At <u>3698'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumard Production, SWD or Enhr. <u>8-1-11</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 <u>8</u> Bbls.	Gas <u> </u> Mcf	Water <u>80</u> Bbls.	Gas-Oil Ratio	Gravity <u>28</u>

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

# ALLIED CEMENTING CO., LLC. 039638

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell Ks.

DATE <u>6-20-2011</u>	SEC. <u>15</u>	TWP. <u>12 S</u>	RANGE <u>18 W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00 PM</u>	JOB FINISH <u>11:30 PM</u>
LEASE <u>KARLIN</u>	WELL # <u>6</u>	LOCATION <u>Hays Ks. 7N 1/2 E</u>			COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Shield Data Rig #1  
 TYPE OF JOB PRODUCTION STRING  
 HOLE SIZE 7 7/8 T.D. 3710  
 CASING SIZE 4 1/2 USED DEPTH 3702  
 TUBING SIZE 10.5 # CSG. DEPTH  
 DRILL PIPE DEPTH  
 TOOL AFU INSERT DEPTH 3686  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 16.35  
 CEMENT LEFT IN CSG. No 3.5  
 PERFS.  
 DISPLACEMENT 58.00 / BBL

OWNER  
 CEMENT  
 AMOUNT ORDERED 210 500 Gals 10% SALT  
2% GEL  
500 GAL WFR-2 MUD FLUSH  
 COMMON 210 @ 16.95 3519.50  
 POZMIX @  
 GEL 4 @ 21.25 85.00  
 CHLORIDE @  
 ASC @  
Solt 18 @ 23.95 431.10  
WFR-2 500 Gal @ 1.10 550.00  
 @  
 @  
 @  
 @  
 @  
 HANDLING 232 @ 2.25 522.00  
 MILEAGE 111.6 @ 6.50 725.10  
 TOTAL 5632.60

EQUIPMENT  
 PUMP TRUCK CEMENTER Gilbert  
 # 419 HELPER Woody  
 BULK TRUCK  
 # 410 DRIVER Nick  
 BULK TRUCK  
 # DRIVER

REMARKS:  
RAW 96 JTS  
Set 8' OFF Bottom - 3702  
Received Circumt. OK.  
Circulate on Bottom 30 MINUTES  
COMP. MUD FLUSH + Cement w/ 10% SALT  
CON. 10% SALT, 2% GEL, CLEAR LINE, Release Plug  
+ Displace 58.00 / BBL - LMP Plug @ Scott (held)  
30.00 @ Bottom  
15.00 @ Marshall

SERVICE  
 DEPTH OF JOB  
 PUMP TRUCK CHARGE 2225.00  
 EXTRA FOOTAGE @  
 MILEAGE 50 @ 7.00 350.00  
 MANIFOLD @  
 @  
LUM 150 @ 4.00 600.00  
 TOTAL 2775.00

CHARGE TO: TRI-UNITED INC.  
 STREET  
 CITY STATE ZIP

PLUG & FLOAT EQUIPMENT  
 B 1 - Guide shoe 168.00  
 1 - AFU INSERT @ 200.00  
 B 5 - CENTRALIZERS @ 34.00 170.00  
 B 1 - BASKET @ 236.00  
 1 - TRAP @ 51.00  
 @  
 TOTAL 625.00

To Allied Cementing Co., LLC  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)  
 TOTAL CHARGES 9238.60  
 DISCOUNT 20% PAID IN 30 DAYS

PRINTED NAME Thomas Engel  
 SIGNATURE Thomas Engel

RECEIVED  
 OCT 04 2011  
 KCC WICHITA



# ALLIED CEMENTING CO., LLC. 039749

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT Russell

API 15-051-26147-0000

DATE <u>7-11-11</u>	SEC. <u>15</u>	TWP. <u>12</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>5:00 PM</u>	JOB FINISH <u>5:30 PM</u>
LEASE <u>Karl</u>	WELL # <u>6</u>	LOCATION <u>HAYS</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Ctools

TYPE OF JOB TOP STAGE

HOLE SIZE 78 T.D.

CASING SIZE 44 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED

210 lb Lite

30 lb com 3%CC

COMMON <u>30</u>	@ <u>16.25</u>	<u>487.50</u>
POZMIX	@	
GEL	@	
CHLORIDE <u>1</u>	@ <u>58.20</u>	<u>58.20</u>
ASC	@	
<u>Lite 210</u>	@ <u>14.50</u>	<u>3045.00</u>
	@	
	@	
	@	
	@	
HANDLING <u>241</u>	@ <u>2.25</u>	<u>542.25</u>
MILEAGE <u>11.66</u>	@	<u>662.75</u>
		<b>TOTAL <u>4795.70</u></b>

**EQUIPMENT**

PUMP TRUCK CEMENTER Bill

# 422 HELPER Ron-Heath

BULK TRUCK

# 482 DRIVER Kevin

BULK TRUCK

# 378 DRIVER Mark

**REMARKS:**

perfs @ 1440

Est Circ.

Cement of 210 lb Lite

Follow of 30 lb Com 3%CC

Cement did circ.

KCC PHAT STNAB

CHARGE TO: TRi United

STREET Gene Leiken

CITY HAYS STATE Ks ZIP 67601

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Eugene E. Leiken

SIGNATURE Eugene E. Leiken

SERVICE **OCT 04 2011**

DEPTH OF JOB KCC WICHITA

PUMP TRUCK CHARGE 1050.00

EXTRA FOOTAGE @

MILEAGE 25 @ 7.00 175.00

MANIFOLD @

CUH 20 @ 4.00 100.00

**RECEIVED**

TOTAL 1325.00

**PLUG & FLOAT EQUIPMENT**

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

Geological Report

Tri United, Inc. Operator  
Karlin #6  
E2-NE-NW-SW 15-12s-18w  
Ellis County Kansas

Elevation: 2180 KB  
2175 gL

General: Contractor: Shields Drilling  
Commenced: 6-14-11  
Completed: 7-15-11  
TD: 3710"  
Casing: 85/8 at 208'  
4½ at 3702'  
open hole completion

Pertinent Data:

Zones Of Interest,

Topeka

3156-68 Limestone, crum, fine crystalline, abundant pinpoint porosity, some vugular porosity. spotted stain to good saturation, Zone ran 5' low to well #2 which produced oil out of zone:

Arbuckle

3701-10 Dolomite, white, fine crystalline, oolitic chert, and oolitic, good oolitic porosity, small amount of vugular porosity, good stain to good saturation of dark black oil, good show of free oil, faint odor:

RTD 3710' Should be deepened at a later time:

Respectfully submitted, Casing was set to further test these zones. The good shows mentioned above and well structure being only 5' low to the highest producer should warrant good results.

Sincerely Yours

*Eugene E. Leiker*  
Eugene E. Leiker

RECEIVED  
OCT 04 2011  
KCC WICHITA