

**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 # 32218  
Name: TDR Construction, Inc.  
Address: P.O. Box 339  
City/State/Zip: Louisburg, KS. 66053  
Purchaser: Pacer  
Operator Contact Person: Lori Driskell  
Phone: (913) 837-8400  
Contractor: Name: Town Oilfield Service, Inc.  
License: 33715

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**KCC WICHITA**

Wellsite Geologist: \_\_\_\_\_  
Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     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. \_\_\_\_\_

<u>7/9/09</u>	<u>7/10/09</u>	<u>8/10/09</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 059-25389-00-00  
County: Franklin  
NE    SE    NE    SW    Sec. 32 Twp. 15 S. R. 21  East  West  
1970 feet from (S) / N (circle one) Line of Section  
2660 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Duffy Well #: 1-5

Field Name: Paola-Rantoul  
Producing Formation: Wayside  
Elevation: Ground: 1030' Kelly Bushing: NA  
Total Depth: 638' Plug Back Total Depth: 30'  
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 21'  
feet depth to surface w/ 3 sx cmt.

**Drilling Fluid Management Plan** AH II NR 9-17-09  
(Data must be collected from the Reserve Pit)

Chloride content 1500-3000 ppm Fluid volume 80 bbls  
Dewatering method used on lease

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: Lori Driskell  
Title: Agent Date: 8-24-09  
Subscribed and sworn to before me this 24 day of August  
09  
Notary Public: Lesli Stuteville  
Date Commission Expires: 9-29-10

NOTARY PUBLIC - State of Kansas  
**LESLEI STUTEVILLE**  
My Appt. Exp. 9-29-10

**KCC Office Use ONLY**

N Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received no logs rec'd  
 Geologist Report Received  
 UIC Distribution

Operator Name: TDR Construction, Inc. Lease Name: Duffy Well #: I-5  
 Sec. 32 Twp. 15 S. R. 21  East  West County: Franklin

**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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Gamma Ray/Neutron/CCL

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 See Attached Log

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CASING RECORD <input 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	7'			21'	Portland	3	
Completion	5 5/8"	2 7/8"		608.0	Portland	97	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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	574.5-582.5 25 Perfs	Acid Fracture, 574.5-582.5	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_





**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
FAX 620/431-0012

INVOICE

Invoice # 230374

Invoice Date: 07/13/2009 Terms: 0/30,n/30

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TDR CONSTRUCTION  
1207 N. FIRST STREET  
LOUISBURG KS 66053  
( ) -

DUFFY I-5  
20090  
SW 32-15-21 FR  
07/10/2009

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	97.00	9.2500	897.25
1118B	PREMIUM GEL / BENTONITE	282.00	.1600	45.12
1111	GRANULATED SALT (50 #)	227.00	.3100	70.37
1110A	KOL SEAL (50# BAG)	540.00	.3900	210.60
1107A	PHENOSEAL (M) 40# BAG)	27.00	1.0800	29.16
4401	2" RUBBER PLUG	1.00	22.0000	22.00

Description	Hours	Unit Price	Total
368 CEMENT PUMP	1.00	870.00	870.00
368 EQUIPMENT MILEAGE (ONE WAY)	20.00	3.45	69.00
368 CASING FOOTAGE	609.00	.00	.00
503 MIN. BULK DELIVERY	1.00	296.00	296.00

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Parts:	1274.50	Freight:	.00	Tax:	86.67	AR	2596.17
Labor:	.00	Misc:	.00	Total:	2596.17		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_

Date \_\_\_\_\_

BARTLESVILLE, OK  
918/338-0808

ELDORADO, KS  
316/322-7022

EUREKA, KS  
620/583-7664

GILLETTE, WY  
307/686-4914

McALESTER, OK  
918/426-7667

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

WORLAND, WY  
307/347-4577



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 20090

LOCATION Ottawa KS

FOREMAN Fred Mader

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
7/10/09	2841	Duffy # I.S	SW 32	15	21	FR
CUSTOMER TDR Construction			TRUCK #			
MAILING ADDRESS 1207 N. First			DRIVER			
CITY Louisburg			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 66053			TRUCK #			
			DRIVER			

JOB TYPE Long string HOLE SIZE 6" HOLE DEPTH 638' CASING SIZE & WEIGHT 2 3/8 EUE  
 CASING DEPTH 609' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2" Plug  
 DISPLACEMENT 2.4 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Chuck casing depth w/ wire line. Mix + Pump 100# Premium  
Gel Flush. Mix + Pump 108 sks 50/50 Por Mix Cement  
5000# 2 3/8 Gel 5% Salt 5# Kol Seal 1/4" Pheno Seal per sack.  
Cement to surface Flush pump + lines clean. Displace  
2" Rubber Plug to pin in casing w/ 2.4 BBLs Fresh  
water. Pressure to 700# PSI. Hold Pressure for  
30 min. MIT. Shut in casing.

Customer Supplied H<sub>2</sub>O

*Fred Mader*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump		870 <sup>00</sup>
5406	20 mi	MILEAGE Pump Truck		69 <sup>00</sup>
5402	609'	Casing Footage		N/A
5407	Minimum	Ton Mileage.		296 <sup>00</sup>
1124	97 sks	50/50 Por Mix Cement		897 <sup>25</sup>
1118B	282*	Premium Gel		45 <sup>12</sup>
1111	227*	Granulated Salt		70 <sup>37</sup>
1110A	540#	Kol Seal		210 <sup>60</sup>
1107A	27*	Pheno Seal		29 <sup>16</sup>
4401	1	2" Rubber Plug.		22 <sup>09</sup>
			6.8%	SALES TAX
				ESTIMATED
				TOTAL

6.8% SALES TAX ESTIMATED TOTAL 86.67  
2596<sup>17</sup>

AUTHORIZATION X *permitted & Best* TITLE \_\_\_\_\_ DATE \_\_\_\_\_

WD 230374