

JUN 11 2007

CONSERVATION DIVISION  
WICHITA, KS

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

**COPY**

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 32218  
Name: TDR Construction, Inc.  
Address: 1207 N. 1st Street East  
City/State/Zip: Louisburg, KS. 66053  
Purchaser: CMT  
Operator Contact Person: Lance Town  
Phone: ( 913 ) 710-5400  
Contractor: Name: Town Oilfield Service, Inc.  
License: 33715  
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. \_\_\_\_\_  
4/19/07 4/23/07 5/30/07  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

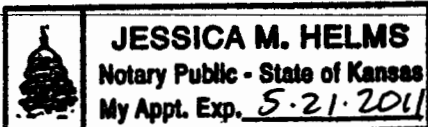
API No. 15 - 059-25211-000  
County: Franklin  
SW NE NE SW Sec. 32 Twp. 15 S. R. 21 ☒ East ☐ West  
2135 2144 feet from S / N (circle one) Line of Section  
3135 3138 feet from E / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Duffy Well #: 24  
Field Name: Paola-Rantoul  
Producing Formation: Squirrel  
Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_  
Total Depth: 782 Plug Back Total Depth: \_\_\_\_\_  
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**  
(Data must be collected from the Reserve Pit)  
Chloride content 1500-3000 ppm Fluid volume 80 bbls  
Dewatering method used 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: 5-30-07  
Subscribed and sworn to before me this 30<sup>th</sup> day of MAY  
20 07.  
Notary Public: J. Helms  
Date Commission Expires: 5-21-2011



**KCC Office Use ONLY**

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

Operator Name: TDR Construction, Inc. Lease Name: Duffy Well #: 24  
 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:

☒ Log Formation (Top), Depth and Datum ☐ Sample  
 Name Top Datum

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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	6 1/4"			21'	Portland	3	
Completion	5 5/8	2 7/8"		782	Portland	109	50/50 Poz

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	740.0 - 750.0 21 Perfs		

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed 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	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

Miami County, KS  
Well: Duffy # 24  
Lease Owner:TDR

Town Oilfield Service, Inc.  
(913) 710 - 5400

Commenced Spudding:  
4/19/07

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WELL LOG

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Thickness of Strata	Formation	Total Depth
5	Soil	5
15	Clay	20
42	Shale	62
26	Lime	88
8	Shale	96
11	Lime	107
3	Shale	110
19	Lime	129
41	Shale	170
17	Lime	187
77	Shale	264
24	Lime	288
22	Shale	310
6	Lime	316
23	Shale	339
1	Lime	340
37	Shale/Shells	377
23	Lime	400-Winterset
9	Shale	409
23	Lime	432-Bethany Falls
4	Shale	436
4	Lime	440-KC
4	Shale	444
5	Lime	449-Hertha
127	Shale	576
10	Oil Sand	586-Check Core
48	Shale	634
6	Lime	640
10	Shale/Shells	650
2	Lime	652
28	Shale/Shells	680
3	Lime	683
54	Shale/Shells	738
13	Sand	751-Oil, Broken, 30% oil, Bleeding
4	Sandy Shale	755-No oil, Mainly Shale
27	Shale	782-TD

**Core # 1 Wayside**  
**Start: 4:10 p.m.**  
**End: 4:20 p.m.**

576	Oil Sand
577	50% oil
578	50% grey sand

579	Oil Sand
580	30% oil
581	70% Grey sand
582	

583	Oil Sand
584	60% oil
585	40% grey sand
586	

587	
588	Shale
589	
590	

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