

JUN 01 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 ☐ 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. _____
4/30/07 5/14/07 5/18/07
Spud Date or Date Reached TD Completion Date or
Recompletion Date

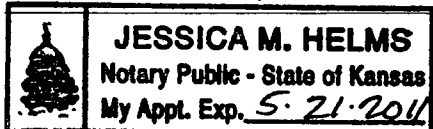
API No. 15 - 059-25208-0000
County: Franklin
NE - SW - NE - SW Sec. 32 Twp. 15 S. R. 21 ☒ East ☐ West
1805 1786 feet from (S) N (circle one) Line of Section
3465 3556 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Duffy Well #: 21
Field Name: Paola-Rantoul
Producing Formation: Squirrel
Elevation: Ground: _____ Kelly Bushing: _____
Total Depth: 802 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 1/2 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: Joni Driskell
Title: Agent Date: 5-30-07
Subscribed and sworn to before me this 30th 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 ☐ No ☐ Date: _____
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

Operator Name: TDR Construction, Inc. Lease Name: Duffy Well #: 21
 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 1/2	
Completion	5 5/8	2 7/8"		802	Portland	80	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	741.5 - 762.0	42 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

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Miami County, KS
Well: Duffy # 21
Lease Owner: TDR

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

Commenced Spudding:
4-30-07

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WELL LOG

Thickness of Strata	Formation	Total Depth
0-3	Dirt	3
16	Clay	19
29	Shale	48
27	Lime	75
8	Shale	83
11	Lime	94
3	Shale	97
19	Lime	116
40	Shale/Shells	156
18	Lime	174
29	Shale	253
23	Lime	276
24	Shale/Shells	300
6	Lime	306
23	Shale	329
1	Lime	330
36	Shale/Shells	366
23	Lime	389-Winterset
11	Shale	400
20	Lime	420-Bethany Falls
5	Shale	425
3	Lime	428-KC
4	Shale	432
5	Lime	437-Hertha
126	Shale	563
3	Sand	566-Oil, little bleed, odor
8	Sand	574-Good Bleed
2	Sandy Shale	576-No Show
48	Shale	624
6	Lime	630
9	Shale/Shells	639
2	Lime	641
26	Shale/Shells	667
3	Lime	670
58	Shale/Shells	728
4	Sand	732-Gas Cap
31	Sand	763-40%-50%, lower 10% best
4	Sand	767-Black, 5% Oil
35	Shale	802-TD