

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. _____
3/15/07 3/21/07 4/25/07
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 059-25203-0000
County: Franklin
☒ NE ☐ SE ☐ SW Sec. 32 Twp. 15 S. R. 21 ☒ East ☐ West
1745 861 feet from (S) / N (circle one) Line of Section
2005 2883 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 #: 16
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

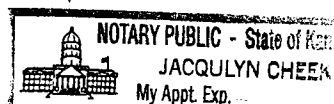
Location of fluid disposal if hauled offsite: _____

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: 4-30-07
Subscribed and sworn to before me this 30th day of April
20 07
Notary Public: Jacquelyn Cheek
Date Commission Expires: 9-12-09



KCC Office Use ONLY

☒ Letter of Confidentiality Received
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution **RECEIVED**
KANSAS CORPORATION COMMISSION

MAY 03 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: TDR Construction, Inc. Lease Name: Duffy Well #: 16
 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

CASING RECORD ☐ New ☐ 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	9	6 1/4"		21'	Portland	3	
Completion	5 5/8"	2 7/8"		782'	Portland	126	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	726.0 - 736.0 21 Perfs		
2	738.0 - 748.0 21 Perfs		

TUBING RECORD		Size	Set At	Packer At	Liner Run ☐ Yes ☐ No
Date of First, Resumed Production, SWD or Enhr.		Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ 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 _____

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CONSERVATION DIVISION
 WICHITA, KS

Franklin County, KS
Well: Duffy # 16
Lease Owner: TDR

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

Commenced Spudding:
3/15/07

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WELL LOG

CONSERVATION DIVISION
WICHITA, KS

Thickness of Strata	Formation	Total Depth
0-5	Soil	5
15	Clay	20
22	Shale	44
7	Lime	51
2	Shale	53
16	Lime	69
7	Shale/Slate	76
10	Lime	86
6	Shale/Shells	92
5	Lime	97
13	Shale/Shells	110
3	Lime	113
5	Shale/Shells	118
25	Shale	153
9	Lime	162
7	Shale/Shells	169
2	Lime	171
4	Shale/Shells	175
73	Shale	248
22	Lime	270
20	Shale	290
3	Redbed	293
2	Shale/Shells	295
5	Lime	300
22	Shale	322
2	Lime	324
18	Shale	342
17	Shale/Shells	359
23	Lime	382 winterset
10	Shale/Slate	392
23	Lime	415 Bethany falls
3	Shale	418
5	Lime	423 KC, dark
4	Shale	427
4	Lime	431 Hertha
179	Shale	610
7	Lime	617
5	Shale	622
4	Lime	624

Lease Owner: TDR

(913) 710 - 5400

3/15/07

[illegible]

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CONSERVATION DIVISION
WICHITA, KS

CORE	
Started at 4:05	

Bleeding - good	724
No Bleed	725
Bleeding	726
Bleeding	727

No Bleed	728
	729
	730

Bleed	731
	732

	733
	734
	735
	736
	737
	738
Oil Sand with show some shale	739
	740
	741
	742
	743
	744
	745
	746
	747
	748
	749
	750

Sandy Shale	751
Some Oil	752

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WICHITA, KS