KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINATION ACO-1 September 1999 Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32218	API No. 15 - 059-25203-0000
Name: TDR Construction,Inc.	County: Franklin
Address: 1207 N. 1st Street East	NE_NE_SE_SW Sec. 32 Twp. 15 S. R. 21 East West
City/State/Zip: Louisburg, KS. 66053	1145 feet from (S) / N (circle one) Line of Section
Purchaser: CMT	2805 feet from (E) / W (circle one) Line of Section
Operator Contact Person: Lance Town	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 710-5400	(circle one) NE SE NW SW
Contractor: Name: Town Oilfield Service, Inc.	Lease Name: Duffy Well #: 16
License: 33715	Field Name: Paola-Rantoul
Wellsite Geologist:	Producing Formation: Squirrel
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 782 Plug Back Total Depth:
✓ Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 21 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 2783
Operator:	feet depth to Surface www factor sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan A(F II NH 7-9-08 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 1500-3000 ppm Fluid volume 80 bbls
Plug Back Plug Back Total Depth	Dewatering method used_Used on lease
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Lease Name: License No.:
3/15/07 3/21/07 4/25/07 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov	n the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.
·	12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regul. herein are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: Sori Suskell	KCC Office Use ONLY
Title: Agent Date: 4-30-07	Letter of Confidentiality Received
Subscribed and sworn to before me this 30th day of Abuil	If Denied, Yes Date:
Act (Wireline Log Received
20	Geologist Report Received
Notary Public: acquily Check	UIC Distribution RECEIVED KANSAS CORPORATION COMMISSION
Date Commission Expires:	
	RANGE DIRECTION MAY 0 3 2007

NOTARY PUBLIC - State of Kara-JACQULYN CHEEK

∰ My Appt. Exp.⁄_

Operator Name: TDF	R Construction,Ir	ic.		Lea	ase Name:.	Duffy		Well #: 16		
Sec. 32 Twp. 15			t West	Cou	inty: Fran	klin				
INSTRUCTIONS: Sh tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowing overy, and flow rate	g and shu s if gas to	t-in pressures, surface test, a	whether	r shut-in pr	essure reache	d static level, hydr	ostatic pressu	res, bottom hol	le
Drill Stem Tests Taker		Y	′es ☑ No		⊘ l	og Forma	ation (Top), Depth	and Datum	Samp	le
Samples Sent to Geol	logical Survey	□ Y	es 🗹 No		Nan	ne		Тор	Datun	n
Cores Taken Electric Log Run (Submit Copy)		YY YY	-							
List All E. Logs Run:										
,										
		Repo	CASING			ew Used ermediate. prod	uction, etc.			
Purpose of String	Size Hole Drilled	Si	ze Casing t (In O.D.)	V	Veight bs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Pe	
Surface	9	6 1/4"	t (III O.D.)			21'	Portland	3	Additive	
Completion	5 5/8"	2 7/8"				782'	Portland	126	50/50 POZ	<u>.</u>
			ADDITIONAL	CEMEN	ITING / SQ	UEEZE RECOI	RD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Турє	of Cement	#Sad	cks Used		Type and I	Percent Additive	S	
Flug On Zone										
Shots Per Foot			RD - Bridge Plug Each Interval Per		pe	1	racture, Shot, Cemer (Amount and Kind of M			epth
2	726.0 -	736.	0 21	Perf	s					
2	738.0 -	748.	0 21	Perf	s					
TUBING RECORD	Size	Set At		Packe	er At	Liner Run	Yes No	•		
Date of First, Resumerd	Production, SWD or E	inhr.	Producing Met	hod	Flowin	g Pum	ping Gas Li	ft Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbis.	Gas	Mcf	Wat		. •	Gas-Oil Ratio		avity
Disposition of Gas	METHOD OF C	OMPLETIC	DN		L	Production Int	erval	,		
Vented Sold	Used on Lease mit ACO-18.)		Open Hole Other (Speci	P	erf. [] [Dually Comp.		RECEIVE		

MAY 0 3 2007

Frankklin County, KS Well: Duffy # 16

Town Oilfield Service, Inc. Commenced Spudding:

(913) 710 - 5400

3/15/07

Lease Owner: TDR

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WELL LOG

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	431Hertha
179	Shale	610
7	Lime	617
5	Shale	622
4	Lime	624

Frankklin County, KS Well: Duffy # 16

Town Oilfield Service, Inc. Commenced Spudding:

(913) 710 - 5400

3/15/07

Lease Owner: TDR

7	Shale/Shells	631
9	Shale	640
2	Lime	642
18	Shale	660 Dark
3	Lime	663
19	Shale	682
2	Lime	684
13	Shale	697
1	Lime	698
25	Shale	723
29	Sand	752 Check Core Page
30	Shale	TD 782

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CORE Started at 4:05

Bleeding - good	724
No Bleed	725
Bleeding	726
Bleeding	727

	728
No Bleed	729
	730

Blood	731
Rieed	732

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

Sandy Shale	751
Some Oil	752

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REMIT TO

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

Consolidated Oil Well Services, LLC Dept. 1228 Denver, CO 80256

İnvoice #

212549

INVOICE

Invoice Date: 03/23/2007

Terms: 0/30,n/30

Page

1

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

DUFFY #16 32-15-21 15377 03/21/07

Part	Number	Description	Qty	Unit Price	Total
1124 n		50/50 POZ CEMENT MIX	126.00		1115.10
11188		PREMIUM GEL / BENTONITE	437.00	.1500	65.55
1110A		KOL SEAL (50# BAG)	705.00	.3800	267.90
1111		GRANULATED SALT (50 #)	296.00	. 3000	88.80
1107		FLO-SEAL (25#)	30.00	1.9000	57.00
4402		2 1/2" RUBBER PLUG	1.00	20.0000	20.00
	Description		Hours	Unit Price	Total
164	CEMENT PUMP		1.00		840.00
164	EQUIPMENT MILE	AGE (ONE WAY)	20.00		66.00
510	MIN. BULK DELI		1.00		285.00

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Parts: _abor: Sublt:	.00	Freight: Misc: Supplies:	.00	Tax: Total: Change:	109.79 2915.14 .00	AR	2915.14
Signed					Da	ate	

TICKET NUMBER 15377
LOCATION Officer KS
FOREMAN Casey Kennely

TREATMENT REPORT & FIELD TICKET

		(CEMENT			
DATE	CUSTOMER#	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/21/07	7841 DJ	fy #/10	32	15	21	FR
	construction	1				220/50
TDR C	<u>cvatruction</u>		TRUCK#	DRIVER	TRUCK #	DRIVER
MAILING ADDRES	S = 1 CT .	,	500	Caken		
1 aC+	J. First Street	T	164	Ric Arb		
CITY	state KS	ZIP CODE	510	Ken Ham		
Louisbu	7			CASING SIZE & W	27/0	FIF
JOB TYPE Jac	String HOLE SIZ		DLE DEPTH 782'	Casing Size & W		
CASING DEPTH_			BING	CEMENT LEFT in	OTHER	subbas dua
SLURRY WEIGHT	SLURRY \		ATER gal/sk	RATE 5 bon	CASING 19	1000KI PIUS
DISPLACEMENT	4.5 55 DISPLACE	EMENT PSI MI	X PSI	RATE S DON	6.0	
REMARKS:	ablished circu	lation, mixed	141 sks 50/	# - Freemon	Dec , D	uped
5 bbls tr	och water, Mix	ed touped	141 5kg 50/9	TO FORMER	Cercent	wyara
		, 5% Salt,	and ly# Hose	el per sk	Alished p	omp -
dean, d		ubber plus to	or casing (D	W/ 405 B	ble thesh	water,
pressured	to wan FSI	shot beloe.				
				-1/-		
) 		
						·
ACCOUNT CODE	QUANTITY or UNITS	DESC	RIPTION of SERVICES or PI	RODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	accused some	164		84000
5406	20 miles	MILEAGE DUM	up truck!	164		6600
5467	munissing	MILEAGE PUR	rileage.	510		58.2 a
			J			
						<u> </u>
1124	126 sks	50/50	Pormix cement			1115.10
11188	437 #	Premior				65,55
ILIC A	705#	Kol Sea	(267,90
1111	296 #		ted Salt			88.80
1107	30 #	Flo Sea				5700
4402	7				 	20 00
4700	•	Q /3 1	rubber plug			100
-						
-					 	
				Sub total		2805.35
				300 1017V	 	S. S. C. J. J. S.
					†·	
1 1					4	

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SALES TAX ESTIMATED TOTAL

MAY 0 3 2007