KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

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

Operator: License # 4787	API No. 15 - 051-25816-00-00
·	
Name: TDI, Inc Name: 1310 Bison Road	
City/State/Zip: Hays, Kansas 67601	
	000
Purchaser; none Tom Denning	teet from E / (VV) (circle one) Line of Section
Operator Contact Person: Tom Denning	1 <u></u>
Phone: (785) 628-2593	
Contractor: Name: Anderson Drilling	
License: 33237	Field Name: Air Base East
Wellsite Geologist: Herb Deines	!
Designate Type of Completion:	Elevation: Ground: 1925' Kelly Bushing: 1930'
New Well Re-Entry Workover	Total Depth: 3401' Plug Back Total Depth:
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 220 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
f Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from.
Operator:	feet depth tow/sx cmt.
Well Name:	Drilling Fluid Management Plen 2. A ALL T Area
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan D+A AI+ I NUC (Data must be collected from the Reserve Pit) 1-5-09
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 30,000 ppm Fluid volume 350 bbls
Plug Back Plug Back Total Depth	Dewatering method used evaporation
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.:
10/08/08	Quarter Sec. Twp. S. R. East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, worko Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well and requirements of the statutes, rules and regulations promulgated to regulations.	ith the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-gs and geologist well report shall be attached with this form. ALL CEMENTING lls. Submit CP-111 form with all temporarily abandoned wells.
nerein are complete and correct to the best of my knowledge.	
Signature: 1-12-	KCC Office Use ONLY
itle: President Date:	Letter of Confidentiality Received
Subscribed and sworn to before me thisday of	If Denied, Yes [] Date:
20.08	Wireline Log Received
	Geologist Report Received RECEIVED
Notary Public Security Public	KANSAS CORPORATION COMN
HOWARD R. SLOA	nsas
My Appt. Expires \$129/12	CONSERVATION DIVISION

Operator Name: TDI, I	nc			Lea	se Name: [_LF		_ Well #: 1		
Sec. 25 Twp. 13		☐] East	☑ West	Cou	nty: Ellis					
NSTRUCTIONS: Sho ested, time tool open emperature, fluid reco lectric Wireline Logs	and closed, flowing very, and flow rate	g and shut s if gas to	-in pressures, surface test,	whether along wit	shut-in pre	essure reached	static level, hydr	ostatic pressu	res, botto	m hole
Drill Stem Tests Taken (Attach Additional Sheets)				Log Formation (Top), De			Pepth and Datum		⊘ Sample	
Samples Sent to Geol	•	[?] Y	es []No		Nam Tope			Тор 2851'		Datum 921'
Cores Taken		Heeb				3074'		-1144'		
lectric Log Run	ectric Log Run			Toronto					-1164'	
ist All E. Logs Run:					- 1	ing/ KC		3118'		1188'
-					Base			3317' 3360'		1387' 1430'
none				Arbuckle RTD			3401'		1430 1471'	
		Repo		RECORI	1	ew [] Used	tion, etc.			
Purpose of String	Size Hole Drilled		e Casing (In O.D.)		Veight os. / Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
Surface Pipe	12 1/4"	8 5/8"		23#		220'	common	150sx		1 & 3 % cc
				<u> </u>						
			ADDITIONAL	L CEMEN	ITING / SQL	JEEZE RECORE)			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sad	cks Used	Type and Percent Additives				
			RECORD - Bridge Plugs Set/Type age of Each Interval Perforated			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				Depth
								KANSAS	RECE CORPORA	IVED
									40V 0	3-2008
TUBING RECORD	Size	Set At		Packe	er At	Liner Run	Yes No		inservatio Wichit	ON DIVISION A, KS
Date of First, Resumerd	Production, SWD or E	inhr.	Producing Me	thod	Flowing	g [] Pumpii	ng []GasLi	ft [] Oth	er (Explain,	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls. (Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF (COMPLETIC	IN			Production Inter	val	-		
Vented [] Sold (If vented, Subr	Used on Lease mit ACO-18.)		Open Hole Other (Spec	Eify)	\	oually Comp.	Commingled			

DRILLER'S WELL LOG

TDI, INC 1310 BISON ROAD HAYS KS 67601

LLF-1 NW/4 25-13-16 ELLIS CO, KS

SPUD DATE: 10-08-08

COMPLETE DATE: 10-15-08

Ground Elevation: 1925'

DEPTH

0 – 0220 Sand & Shale

0220 - 0715 Sand & Shale

0715 - 1011 Sand & Shale

1011 - 1052 Anhydrite

1052 - 1180 Sand & Shale

1180 - 1517 Sand & Shale

1517 - 1860 Shale & Sand

1860 - 2080 Shale & Sand

2080 - 2295 Shale

2295 - 2532 Shale

2532 - 2809 Shale

2809 - 2967 Shale

2967 - 3190 Shale

3190 - 3355 Shale

3355 - 3368 Shale

3368 - 3400 Shale

3400 R.T.D.

<u>Surface Pipe:</u> Set 210' of 8 5/8" casing @ 215' with 150 sacks of COM, 3% CC, 2% Gel

RECEIVED KANSAS CORPORATION COMMISSION

NOV 03 2008

ALLIED CEMENTING CO., LLC. 35021

REMIT TO P.O. BOX 31	SERVICE POINT:						
RUSSELL, KANSAS 67665	_ Kussell						
DATE 10.9-08 SEC. TWP. RANGE 13	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 1. 30am			
	m l w l v	11.3/11	COUNTY	STATE.			
OLD OR (Circle one)	minio		1111-3	1/			
OLD OR NEW (Cites one)		Ento	J				
CONTRACTOR MANAGEMENT	OWNER						
TYPE OF JOB Surface	CEMENT						
HOLE SIZE 1244 T.D. 2 2 C CASING SIZE 888 23# DEPTH 220	AMOUNT OF	DEDED I	10- 70	1.11			
CASING SIZE 898 23# DEPTH Z 20 TUBING SIZE DEPTH	AMOUNT OF	RDERED	2011 37	2601			
DRILL PIPE DEPTH				2015			
TOOL DEPTH							
PRES. MAX MINIMUM	COMMON	150	@ /2,5	2025,00			
MEAS. LINE SHOE JOINT	POZMIX						
CEMENT LEFT IN CSG. 15'	GEL	<i>-</i>	@ 20.25	60.75			
PERFS.	CHLORIDE _	5		257,50			
DISPLACEMENT 13RC	ASC						
EQUIPMENT							
EQUI MEM							
DIN (DEDUCK OF VENTER)			@				
PUMPTRUCK CEMENTER CALL			_@				
# 4/7 HELPER Matt	****		_ @				
BULK TRUCK			@				
# 3 DRIVER Holly BULK TRUCK			_ @				
# DRIVER	-		_ @				
T DRIVER	HANDLING_		_ @ <u>_ 2. 2) </u>				
	MILEAGE	10/skfaile		300,00			
REMARKS:			TOTAI	2998.75			
REMARKS:				,			
		SERVI	CE				
	DEPTH OF JO						
		K CHARGE		991,00			
	EXTRA FOO		_@				
	MILEAGE _	8	@ 7.00				
hanks,	MANIFOLD.		_@	-			
,			_@				
			_ @	- 			
CHARGE TO:							
STREET			TOTAI	1042,00			
CITYSTATEZIP		PLUG & FLOA	FEATIDME	NT.			
		I LOG & FLOA	EQUI ME				
			<u> </u>				
			@				
	رز ء	Wood Plus	_@	66.00			
To Allied Cementing Co., LLC.	018	west riv		66.00			
You are hereby requested to rent cementing equipment		-	_@				
and furnish cementer and helper(s) to assist owner or			_@				
contractor to do work as is listed. The above work was				// -			
done to satisfaction and supervision of owner agent or		•	TOTAL	66.00			
contractor. I have read and understand the "GENERAL							
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX	(If Any)					
	TOTAL CHAI	RGES					
fold a second				RECEIVED			
PRINTED NAME MADE SALES	DISCOUNT _		IF(RA)	SAS DORPORATION COMM			
$Q(I_n \cup I_n)$							
SIGNATURE CLOW SOME				NOV 03 2008			

ALLIED CEMENTING CO., LLC. 35031

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SER	SERVICE POINT:				
			Λ			
DATE 10-14-08 SEC. TWP. RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH		
LEASELLF WELL TE # LOCATION WOLKE	a 2 . in K.	e 4.=	COUNTY	STATE Kansas		
OLD OR NEW (Circle one)	CANIE 4	9 7/2	Ellis	Mansas		
CONTRACTOR A &A DRIG Rig#1	OWNER		J			
TYPE OF JOB ROTARY Plug	OWNER					
HOLE SIZE 7 1/8 T.D. 3401	CEMENT	n.40	60	444		
CASING SIZE 8 98 SURFACE DEPTH 230		DERED 230	SK 740 4	16Ge L		
TUBING SIZE HAVE DEPTH	<u> 4 # F10</u>					
ORILL PIPE 4 % X F / HENCEDEPTH 3380' TOOL DEPTH	Per S	<u>X.,</u>				
PRES. MAX MINIMUM	COMMON /	38	@ 13.53	1867,00		
MEAS. LINE SHOE JOINT	POZMIX	92	@ 7.55	694.60.		
CEMENT LEFT IN CSG.	GEL	8	@ <u>20,25</u>	162,00		
PERFS.	CHLORIDE		_@			
DISPLACEMENT	ASC	57	_@	100 1=		
EQUIPMENT	Elo Sail	ק כ	^	139.65		
			-@ <i>-</i>			
PUMPTRUCK CEMENTER CALLAND				·		
# 398 HELPER BOB						
BULK TRUCK BULK T						
BULK TRUCK			@			
DRIVER			_ @			
74.	HANDLING_		@ 2,21	543,00		
REMARKS:	MILEAGE 16	riskiane	TOTAL	3699 25		
25 SK @ 3380 25 SK @ 1010		SERVI	CE			
100 SK @ 520	DEPTH OF JOE					
10 SK @ 270	PUMP TRUCK			990.00		
30 SK @ Ruthole	EXTRA FOOTA MILEAGE		@ <u></u>			
/It saks	MANIFOLD		_@ <u></u>			
	MANIFOLD					
CHARGE TO: T. D. L. TAC.			-			
TREET		1	TOTAL	1046.00		
CITYSTATEZIP						
	Pi	LUG & FLOAT	EQUIPMEN	T		
	8 × Dov	HOLL Pluy		79: -		
	9	7	@			
			@			
To Allied Cementing Co., LLC.	-		.@			
You are hereby requested to rent cementing equipment			. @			
and furnish cementer and helper(s) to assist owner or			.@			
contractor to do work as is listed. The above work was			TOTAL	'ec.,		
lone to satisfaction and supervision of owner agent or			IOTAL	38.00		
contractor. I have read and understand the "GENERAL	SALES TAX (If	Anv)				
TERMS AND CONDITIONS" listed on the reverse side.	·	-	******			
Floto	TOTAL CHARG		KANGA	RECEIVED		
PRINTED NAME 1/0/0 Senesac	DISCOUNT	See 1946	IF PAID	S CORPORATION COMM		
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