



KANSAS CORPORATION COMMISSION 1084165
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4787
Name: TDI, Inc.
Address 1: 1310 BISON RD
Address 2: _____
City: HAYS State: KS Zip: 67601 + 9696
Contact Person: Tom Denning
Phone: (785) 628-2593
CONTRACTOR: License # 6426
Name: Express Well Service & Supply Inc
Wellsite Geologist: Herb Deines
Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD SLOW

Gas D&A ENHR SIGW

OG GSW Temp. Abd.

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
Operator: TDI, Inc.

Well Name: Kraus #1

Original Comp. Date: 8/10/2010 Original Total Depth: 3730

Deepening Re-perf. Conv. to ENHR Conv. to SWD

Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: D-31181

ENHR Permit #: _____

GSW Permit #: _____

<u>5/17/2012</u>	<u>5/31/2012</u>	<u>6/1/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-051-25991-00-01

Spot Description: _____
NW SE NW SW Sec. 10 Twp. 15 S. R. 19 East West

1925 Feet from North / South Line of Section

910 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Ellis

Lease Name: Kraus Well #: 1

Field Name: Reichert

Producing Formation: None, dispose into Reagan and Granite Wash

Elevation: Ground: 2022 Kelly Bushing: 2027

Total Depth: 3833 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 233 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1254 Feet

If Alternate II completion, cement circulated from: 1254
feet depth to: 0 w/ 135 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 95000 ppm Fluid volume: 1000 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:
Operator Name: TDI, Inc.

Lease Name: Breeden License #: 4787

Quarter SE Sec. 5 Twp. 15 S. R. 19 East West

County: Ellis Permit #: D-30476

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: Deanna Garfior Date: 07/16/2012



1084165

Operator Name: TDI, Inc. Lease Name: Kraus Well #: 1
 Sec. 10 Twp. 15 S. R. 19 East West County: Ellis

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1242'	+785'
Electric Log Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka	2999'	-972'
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3274'	-1247'
List All E. Logs Run:		Lansing/Kansas City	3320'	-1293'
Attached		Arbuckle	3642'	-1615'
		Reagan	3718'	-1691'
		Granite Wash	3820'	-1793'

CASING RECORD <input checked="" 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	12.25	8.625	23	233	common	150	3% CC, 2% gel
production	7.875	5.5	14	3726	EA-2	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input checked="" type="checkbox"/> Plug Off Zone	1254-	SMD	135	(circulated to surface)
	3477-3637	standard	325	(squeezed all perms)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3633'-37' (squeezed off)	200 gal 7 1/2% INS w/ 10% solvent	
2	3505'-08' (squeezed off)	250 gal 15% MA	
2	3477'-79' (squeezed off)	250 gal 15% MA	

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>3702'</u>	Packer At: <u>3702'</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>7/6/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>SWD</u>			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio
				Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3726'-3833'</u>
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Form	ACO1 - Well Completion
Operator	TDI, Inc.
Well Name	Kraus 1
Doc ID	1084165

All Electric Logs Run

Borehole Compensated Sonic Log
Dual Induction Log
Dual Compensated Porosity Log
Microresistivity Log