

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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

9/27/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4787
Name: TDI, Inc.
Address 1: 1310 Bison Road
Address 2:
City: Hays State: KS Zip: 67601 + 9696
Contact Person: Tom Denning
Phone: (785) 628-2593
CONTRACTOR: License # 5184
Name: Shields Oil Producers, Inc.
Wellsite Geologist: Herb Deines
Purchaser: Coffeyville Resources

KCC
SEP 27 2010
CONFIDENTIAL
RECEIVED
SEP 29 2010
KCC WICHITA

API No. 15 - 051-25988-00-00
Spot Description:
NW SE NW SW Sec. 22 Twp. 14 S. R. 16 East West
1,670 Feet from North South Line of Section
760 Feet from East West Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE NW SE SW
County: Ellis
Lease Name: Dreiling A Well #: 6
Field Name: Dreiling
Producing Formation: Arbuckle
Elevation: Ground: 1864' Kelly Bushing: 1869'
Total Depth: 3490' Plug Back Total Depth: 3457'
Amount of Surface Pipe Set and Cemented at: 234 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1650 Feet
If Alternate II completion, cement circulated from: 1650
feet depth to: surface w/ 200 sx cmt.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 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:
Well Name:
Original Comp. Date: Original Total Depth:
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: 3457 Plug Back Total Depth
 Commingled Permit #:
 Dual Completion Permit #:
 SWD Permit #:
 ENHR Permit #:
 GSW Permit #:
06/22/2010 07/01/2010 09/14/2010
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Pla
(Data must be collected from the Reserve Pla)
Chloride content: 47,000 ppm Fluid volume: 1000 bbls
Dewatering method used: Removed free fluids. Evaporation
Location of fluid disposal if hauled offsite:
Operator Name: TDI, Inc.
Lease Name: Dreiling B License #: 4787
Quarter SW Sec. 22 Twp. 14 S. R. 16 East West
County: Ellis Permit #: D25112

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.

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.

Signature: Tom Denning
Title: Tom Denning, President Date: 09/27/2010

KCC Office Use ONLY
 Letter of Confidentiality Received Date: 9/27/10 - 9/27/12
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NJ Date: 12-22-10

Operator Name: TDI, Inc. Lease Name: Dreiling A Well #: 6
 Sec. 22 Twp. 14 S. R. 16 East West County: Ellis

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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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i></p> <p>List All E. Logs Run: Dual Compensated Porosity Dual Induction Microresistivity</p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>953'</td> <td>+916'</td> </tr> <tr> <td>Topeka</td> <td>2824'</td> <td>-955'</td> </tr> <tr> <td>Heebner</td> <td>3046'</td> <td>-1177'</td> </tr> <tr> <td>Lansing/Kansas City</td> <td>3093'</td> <td>-1224'</td> </tr> <tr> <td>Base Kansas City</td> <td>3331'</td> <td>-1462'</td> </tr> <tr> <td>Arbuckle</td> <td>3348'</td> <td>-1479'</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	953'	+916'	Topeka	2824'	-955'	Heebner	3046'	-1177'	Lansing/Kansas City	3093'	-1224'	Base Kansas City	3331'	-1462'	Arbuckle	3348'	-1479'
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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 1/4"	8 5/8"	23#	234'	60/40 pos	160 sxs	2% gel 3%cc
production	7 7/8"	5 1/2"	15.5#	3491'	EA2	175 sxs	

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 type="checkbox"/> Plug Off Zone	1650'	sm	200 sxs	DV Cement from 1650' to surface. Cement did circulate.

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
4 spf	3350'-56'	100 gals 15% MA & 1000 gals of 15% SFG	
4 spf	3363'-66'	100 gals 15% MA & 1000 gals of 15% SFG	
4 spf	3391'-95'	100 gals 15% MA & 1000 gals of 15% SFG	

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>3488'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>09/25/2010</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>20</u>	Gas Mcf <u>5</u> Water Bbls. <u>5</u> Gas-Oil Ratio <u>32</u> Gravity <u>32</u>

DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3350' to 3395'</u>
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ALLIED CEMENTING CO., LLC. 041634

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Russell KS

DATE <u>6-23-10</u>	SEC. <u>22</u>	TWP. <u>14</u>	RANGE <u>16</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00am</u>	JOB FINISH <u>7:30am</u>
LEASE <u>Drilling 'A'</u>	WELL # <u>6</u>	LOCATION <u>Walker KS 3 1/2 South</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>1 West 3/4 North East into</u>				

CONTRACTOR Shields Drilling #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 227

CASING SIZE 8 5/8 DEPTH 227

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 14.13 Bbl

EQUIPMENT

PUMP TRUCK CEMENTER John

473/28 HELPER Heath

BULK TRUCK

410 DRIVER Glenn

BULK TRUCK DRIVER

OWNER	CEMENT	AMOUNT ORDERED <u>160 60/40 31-CC 2 1/2 Gal</u>
COMMON <u>96</u> @ <u>13.50</u>		<u>1296.00</u>
POZMIX <u>64</u> @ <u>7.55</u>		<u>483.20</u>
GEL <u>3</u> @ <u>20.25</u>		<u>60.75</u>
CHLORIDE <u>5</u> @ <u>51.50</u>		<u>257.50</u>
ASC @		
HANDLING <u>80</u> @ <u>2.25</u>		<u>180.00</u>
MILEAGE <u>114.56/41.5</u>		<u>120.00</u>
TOTAL		<u>2897.45</u>

REMARKS: KCC WICHITA

Est Circulation

Mix 160 sk cement

Displace w/ 14 Bbl H₂O

Cement Did Circulate!

SERVICE	
DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>991.00</u>
EXTRA FOOTAGE @	
MILEAGE <u>15</u> @ <u>7.00</u>	<u>105.00</u>
MANIFOLD @	
TOTAL	<u>1096.00</u>

CHARGE TO: TDI Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT	
<u>8 5/8 Wooden Plug</u> @	<u>N-C</u>
TOTAL	<u>N-C</u>

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 done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

TOTAL CHARGES 6000

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Thomas J Engel

SIGNATURE Thomas J Engel

JOB LOG

SWIFT Services, Inc.

DATE 07-01-10 PAGE NO. 7

CUSTOMER **TJZ** WELL NO. **A 6** LEASE **DREILING** JOB TYPE **2-STAGE** TICKET NO. **18025**

CHART NO.	TIME	RATE (BPM)	VOLUME (BB) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0730							ON LOCATION 130 CMT: BOTTENUS SEA-2 - 455WS FOIL RH, 174 TOP: 200 SMD LTD 3490 RTD 3500 SET PIPE 3489, SJ 31.53, T-INSERT 3455 5 1/2 15.5/HR D.V. ON TOP #47, 1650FT, PORT COLUMN ON TOP #62, 964 FT CENT 2, 4, 6, 8, 10, 12, 46, 61 BSWS, 3, 13, 47, 62
	0840							START OSG & FLOAT EQU TAG BOTTENUS, DRIP BALL BENCH CIRC & ROTATE PIPE, CIRC DOWN TAG, PULL UP 1 FT PLUG RH 30, MH 15 GOOD CIRC!
	1000							
	1025							
	1040		7.5					
	1045	5.5	12		✓		250	MUD FLUSH 500 GALS
			20		✓			MUD FLUSH
			36		✓			1305 WS EA-2 CMT
								DRIP L.V. PLUG, WASHOUT PL.
	1100	6.0	0		✓		250	START DRIP 1/4 H ₂ O
			43		✓		300	" " 1/2 RIL MUD
			75		-		600	
			80		-		700	
	1115	4.0	82.5		-		1500	LAND PLUG - RELEASE - DRY
	1118							DRIP D.V. OPENING PART
	1130		10.0		✓		1100	OPEN D.V., PUMP MUD OFF P.T. 10 bbls, CIRC 1 bbl, GOOD CIRC!
	1133	5.0	10.0		✓		300	START MUD FLUSH
			0		✓			" 2 BSWS SMD CMT @ 11.2 1/4 H ₂ O
			100		-			20 SWS " " " 14.0 1/4 H ₂ O
			105		-			END CMT
								DRIP D.V. CLOSING PLUG
	1153	5.5	0		✓		300	START DRIP
			37.0		-		400	STAINERS OF CMT
	1200		39.2		-		1300	LAND & CLOSE D.V., RELEASE DRY
								CELLER FULL OF CMT 20 SWS +
								RECEIVED
								SEP 29 2010
								KCC WICHITA
								JOB COMPLETE
								THANK YOU!
								DAVE, JOSH & JOHN