

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

9/27/12

OPERATOR: License # 4787 **KCC**
Name: TDI, Inc. **SEP 27 2010**
Address 1: 1310 Bison Road
Address 2: CONFIDENTIAL
City: Hays State: KS Zip: 67601 + 9696
Contact Person: Tom Denning
Phone: (785) 628-2593 **RECEIVED**
CONTRACTOR: License # 33350
Name: Southwind Drilling **SEP 29 2010**
Wellsite Geologist: Herb Deines
Purchaser: Coffeyville Resources **KCC WICHITA**

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: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: 3691' Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
08/10/2010 08/16/2010 09/17/2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 051-26011-00-00
Spot Description: _____
NW SE NW NW Sec. 5 Twp. 15 S. R. 19 East West
825 Feet from North / South Line of Section
750 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Young Well #: 1
Field Name: wildcat
Producing Formation: Kansas City
Elevation: Ground: 2051' Kelly Bushing: 2061'
Total Depth: 3737' Plug Back Total Depth: 3691'
Amount of Surface Pipe Set and Cemented at: 220 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1312' Feet
If Alternate II completion, cement circulated from: 1312'
feet depth to: surface w/ 130 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 39,000 ppm Fluid volume: 1,000 bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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: [Signature]
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: 10-13-10

KCC

SEP 27 2010

CONFIDENTIAL

Operator Name: TDI, Inc. Lease Name: Young Well #: 1
 Sec. 5 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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1307'	+754'
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3052'	-992'
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3322'	-1261'
List All E. Logs Run:		Lansing/Kansas City	3368'	-1307'
Dual Compensated Porosity		Base Kansas City	3614'	-1553'
Dual Induction		Arbuckle	3716'	-1655'
Microresistivity				

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#	220'	common	150 sxs	2% gell, 3% cc
production	7 7/8"	5 1/2"	14#	3736'	EA-2	150 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	1312'	SMD	130 sxs	DV Cement from 1312' 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 <i>(Amount and Kind of Material Used)</i>	Depth
2 spf	3411'-14'	250 gals 15% MA & 750 gals 15% NE	
2 spf	3497'-3502'	250 gals 15% MA & 750 gals 20% NE	
2 spf	3522'-26'	250 gals 15% MA & 750 gals 20% NE	

RECEIVED
SEP 29 2010
KCC WICHITA

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>3685'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>09/22/2010</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>50</u>	Gas Mcf	Water Bbls. <u>15</u>	Gas-Oil Ratio <u>38</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)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3411' TO 3526'</u>
--	--	---

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

JOB LOG

SWIFT Services, Inc.

DATE 8-16-10 PAGE NO. 2

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
TDI		#1		Young		2-stage		18205	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1450	Vol	Rate					ca has w/FE SEP 27 2010 CONFIDENTIAL	
								RTD 3737' LTD 3738' 5 1/2" x 14" x 3739' x 43'	
								RECEIVED SEP 29 2010 KCC WICHITA Cent. 1, 3, 5, 7, 9, 11, 55 Bask. 2, 12, 56 D.V. Tool 56 @ 1312' Jts out 87, 93	
	1600							start FE	
	1730							Break Circ.	
	1810	0	4.5			200		Start Preflushes ^{suagal Mud flush} 20 bbl KCL flush	
	1820	32/0	5.5			300		start Cement 150cks EA-2	
	1830	36						End Cement Wash P/L Drop LD Plug	
	1835	0	6.5			150		start Displacement wtr	
	1844	60	6.5			200		Mud	
	1845	63	5			300		Catch Cement	
	1852	90				400 4400		Land Plug Release Pressure Float Held	
	1855	Rate	Vol					Drop opening Plug	
	1900	2.5	7					Plug RH	
	1910					1100		Open D.V.	
	1911	4.5	0			150		start KCL flush	
	1914	5.5	20/0			200		start Cement	
	1930		85					End Cement Drop Plug	
	1933	5.5	0			100		start Displacement	
	1936	5	16			150		Catch Cement	
	1939	4	20			175		Circ Cement	
	1940		32			450 4500		Land Plug Close D.V. Release DV Closed	

Circ 20cks to pit

Thank you
Nick, Josh, Joe, & John

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

KCC

SEP 27 2010

No. 4216

Date	8/10/10	Sec.	5	Twp.	15	Range	19	County	Ellis	State	KS	Location	Ardeno 4 1/2 hrs E into	Finish	4:15 PM
------	---------	------	---	------	----	-------	----	--------	-------	-------	----	----------	-------------------------	--------	---------

Lease	Lang	Well No.	1	Location	Ardeno 4 1/2 hrs E into
-------	------	----------	---	----------	-------------------------

Contractor	Southwest #1	Owner	To Quality Oilwell Cementing, Inc.
------------	--------------	-------	------------------------------------

Type Job	Surface	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
----------	---------	--	--

Hole Size	12 1/4	T.D.	221	Charge To	T.D.T.
-----------	--------	------	-----	-----------	--------

Eq.	8 5/8	Depth	220	Street	
-----	-------	-------	-----	--------	--

Tbg. Size		Depth		City	
-----------	--	-------	--	------	--

Tool		Depth		State	
------	--	-------	--	-------	--

Cement Left in Csg.	15'	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.	
---------------------	-----	------------	--	--	--

Meas Line		Displace		Cement Amount Ordered	150 Cons. 2 1/2 hrs
-----------	--	----------	--	-----------------------	---------------------

EQUIPMENT

Pumptrk	5	No.		Cement	2	Common	150
				Helper			
Bulktrk		No.		Driver	2	Poz. Mix	
				Driver			
Bulktrk	10	No.		Driver	2	Gel.	3
				Driver			

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
8 5/8 on bottom 5 1/2" Circulation	Sand
M.X. 150 lbs. 4 1/2" Displace	Handling 15.8
Cement Circulation 2'	Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

RECEIVED

SEP 29 2010

KCC WICHITA

Pumptrk Charge Surface

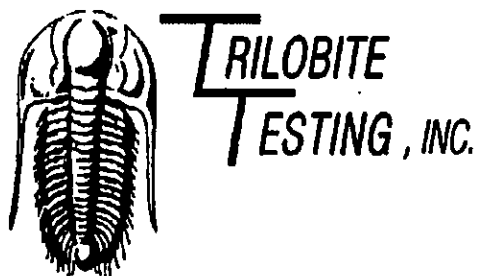
Mileage 11

X Signature

Handwritten Signature

Tax	
Discount	
Total Charge	

KCC
SEP 27 2010
CONFIDENTIAL



DRILL STEM TEST REPORT

Prepared For: **TDI Inc**

1310 Bison Rd
Hays Ks 67601-9696

ATTN: Tom Denning

5-15s-19w Ellis,KS

Young #1

Start Date: 2010.08.14 @ 14:42:32

End Date: 2010.08.14 @ 19:48:26

Job Ticket #: 39875 DST #: 1

RECEIVED

SEP 29 2010

KCC WICHITA

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TDI Inc
1310 Bison Rd
Hays Ks 67601-9696
ATTN: Tom Denning

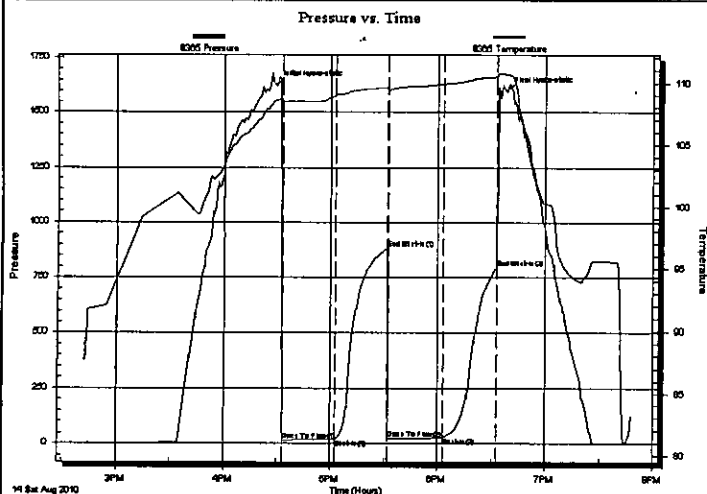
Young #1
5-15s-19w Ellis,KS
Job Ticket: 39875 DST#: 1
Test Start: 2010.08.14 @ 14:42:32

GENERAL INFORMATION:

Formation: LKC "D"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:32:57
Time Test Ended: 19:48:26
Interval: 3408.00 ft (KB) To 3428.00 ft (KB) (TVD)
Total Depth: 3428.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42
Reference Elevations: 2069.00 ft (KB)
2061.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8365 Inside
Press@RunDepth: 25.51 psig @ 3409.00 ft (KB)
Start Date: 2010.08.14 End Date: 2010.08.14
Start Time: 14:42:32 End Time: 19:48:26
Capacity: 8000.00 psig
Last Calib.: 2010.08.14
Time On Btm: 2010.08.14 @ 16:29:27
Time Off Btm: 2010.08.14 @ 18:38:27

TEST COMMENT: FFP-w k bl thru-out 1/4" to surface bl
FFP-no bl



PRESSURE SUMMARY

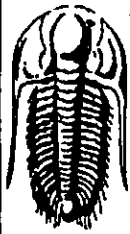
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1626.90	108.55	Initial Hydro-static
4	13.44	108.45	Open To Flow (1)
34	19.34	109.02	Shut-In (1)
63	880.90	109.65	End Shut-In (1)
63	21.04	109.38	Open To Flow (2)
94	25.51	109.95	Shut-In (2)
124	792.70	110.53	End Shut-In (2)
129	1599.42	110.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
29.00	SOCM 1% O99%M	0.41
1.00	CO	0.01

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

TDI Inc
1310 Bison Rd
Hays Ks 67601-9696
ATTN: Tom Denning

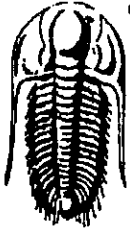
Young #1
5-15s-19w Ellis, KS
Job Ticket: 39875 DST#: 1
Test Start: 2010.08.14 @ 14:42:32

Tool Information

Drill Pipe:	Length: 3409.00 ft	Diameter: 3.80 inches	Volume: 47.82 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 47.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3408.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3388.00	
Shut In Tool	5.00			3393.00	
Hydraulic tool	5.00			3398.00	
Packer	5.00			3403.00	21.00 Bottom Of Top Packer
Packer	5.00			3408.00	
Stubb	1.00			3409.00	
Recorder	0.00	8365	Inside	3409.00	
Recorder	0.00	6625	Outside	3409.00	
Perforations	16.00			3425.00	
Bullnose	3.00			3428.00	20.00 Bottom Packers & Anchor
Total Tool Length:	41.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc
1310 Bison Rd
Hays Ks 67601-9696
ATTN: Tom Denning

Young #1
5-15s-19w Ellis,KS
Job Ticket: 39875 DST#: 1
Test Start: 2010.08.14 @ 14:42:32

Mud and Cushion Information

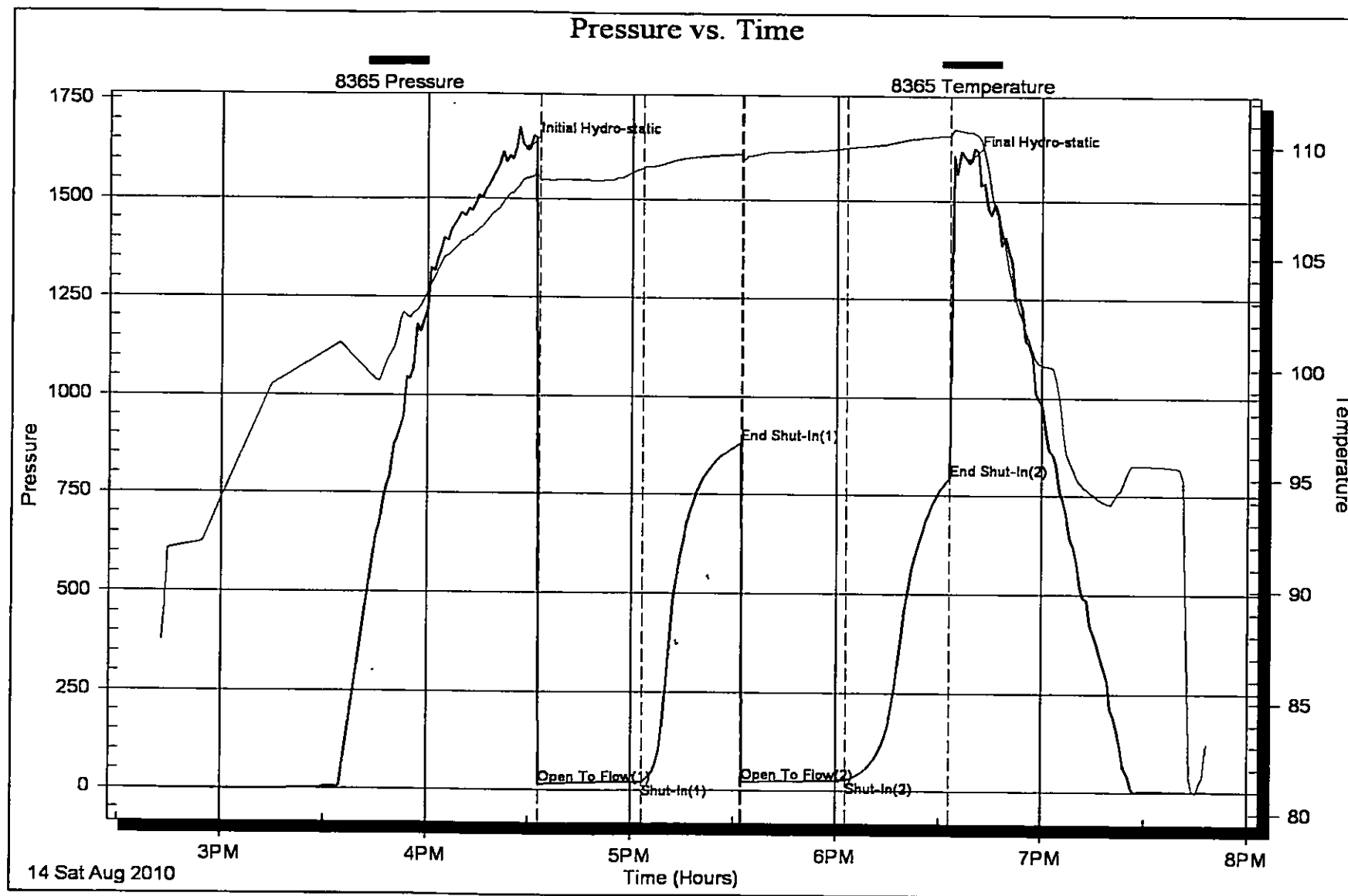
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3300.00 ppm			
Filter Cake: 1.00 inches			

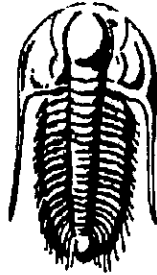
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
29.00	SOCM 1%O99%M	0.407
1.00	CO	0.014

Total Length: 30.00 ft Total Volume: 0.421 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **TDI Inc**

1310 Bison Rd
Hays Ks 67601-9696

ATTN: Tom Denning

5-15s-19w Ellis,KS

Young #1

Start Date: 2010.08.15 @ 08:04:15

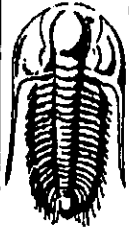
End Date: 2010.08.15 @ 13:13:39

Job Ticket #: 40126 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TDI Inc
1310 Bison Rd
Hays Ks 67601-9696
ATTN: Tom Denning

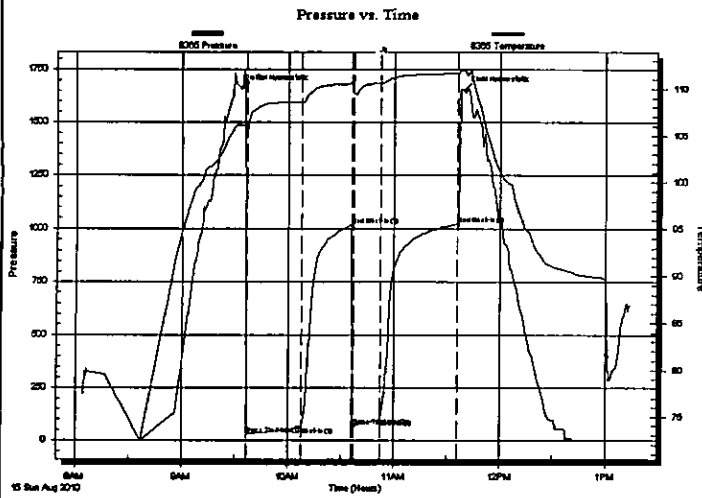
Young #1
5-15s-19w Ellis,KS
Job Ticket: 40126 DST#: 2
Test Start: 2010.08.15 @ 08:04:15

GENERAL INFORMATION:

Formation: **LKC H-I**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 09:36:40
 Time Test Ended: 13:13:39
 Interval: **3480.00 ft (KB) To 3535.00 ft (KB) (TVD)**
 Total Depth: **3535.00 ft (KB) (TVD)**
 Hole Diameter: **7.85 inches** Hole Condition: Fair
 Test Type: **Conventional Bottom Hole**
 Tester: **Ray Schwager**
 Unit No: **42**
 Reference Elevations: **2069.00 ft (KB)**
2061.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 8365 Inside
 Press@RunDepth: **98.77 psig @ 3482.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.08.15** End Date: **2010.08.15** Last Calib.: **2010.08.15**
 Start Time: **08:04:15** End Time: **13:13:39** Time On Btm: **2010.08.15 @ 09:33:40**
 Time Off Btm: **2010.08.15 @ 11:39:40**

TEST COMMENT: IFF-strg bl in 4 min
 FFP-strg bl in 1 1/2min
 ISIP-w k bl bk
 FSIP-1/4"bl bk



PRESSURE SUMMARY

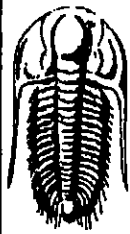
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1661.24	106.04	Initial Hydro-static
3	26.70	105.37	Open To Flow (1)
34	65.24	108.55	Shut-In(1)
63	1014.24	110.56	End Shut-In(1)
64	65.47	109.51	Open To Flow (2)
79	98.77	110.61	Shut-In(2)
123	1019.97	111.62	End Shut-In(2)
126	1654.57	111.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	VGMO 60%G5%M35%O	1.74
62.00	MGO 20%G 30%M 40%O	0.87
0.00	1560, GIP	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

TDI Inc
1310 Bison Rd
Hays Ks 67601-9696

ATTN: Tom Denning

Young #1
5-15s-19w Ellis, KS
Job Ticket: 40126 DST#: 2
Test Start: 2010.08.15 @ 08:04:15

Tool Information

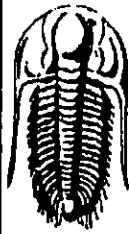
Drill Pipe:	Length: 3474.00 ft	Diameter: 3.80 inches	Volume: 48.73 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 48.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3480.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	76.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3460.00	
Shut In Tool	5.00			3465.00	
Hydraulic tool	5.00			3470.00	
Packer	5.00			3475.00	21.00 Bottom Of Top Packer
Packer	5.00			3480.00	
Stubb	1.00			3481.00	
Perforations	1.00			3482.00	
Recorder	0.00	8365	Inside	3482.00	
Recorder	0.00	6625	Outside	3482.00	
Blank Spacing	32.00			3514.00	
Perforations	18.00			3532.00	
Bullnose	3.00			3535.00	55.00 Bottom Packers & Anchor

Total Tool Length: 76.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc
1310 Bison Rd
Hays Ks 67601-9696
ATTN: Tom Denning

Young #1
5-15s-19w Ellis, KS
Job Ticket: 40126 DST#: 2
Test Start: 2010.08.15 @ 08:04:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	VGMO 60%G5%M35%O	1.739
62.00	MGO 20%G 30%M 40%O	0.870
0.00	1560, GIP	0.000

Total Length: 186.00 ft Total Volume: 2.609 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

