KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1070657

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 # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Herb Deines
Purchaser: Coffeyville Resources

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] 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: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

08/30/2011	09/05/2011	10/04/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-051-26172-00-00
Spot Description:
SE - NW - NW - NE Sec. 22 Twp. 15 S. R. 18 [ ] East [x] West
480 Feet from [x] North / [ ] South Line of Section
2190 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:

- [x] NE
- [ ] NW
- [ ] SE
- [ ] SW

County: Ellis
Lease Name: Willard Well #: 1
Field Name: Schoenchen
Producing Formation: Arbuckle
Elevation: Ground: 2028 Kelly Bushing: 2038
Total Depth: 3744 Plug Back Total Depth: 3622
Amount of Surface Pipe Set and Cemented at: 223 Feet
Multiple Stage Cementing Collar Used? [x] Yes [ ] No
If yes, show depth set: 1203 Feet
If Alternate II completion, cement circulated from: 1203
feet depth to: 0 w/ 125 sx cmt.

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

Chloride content: 42000 ppm Fluid volume: 900 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. [ ] East [ ] West
County: Permit #:

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

- [x] **Letter of Confidentiality Received**
  Date: 01/10/2012
- [ ] **Confidential Release Date:**
- [x] **Wireline Log Received**
- [x] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrisor **Date:** 01/13/2012

Side Two

1070657

Operator Name: TDI, Inc. Lease Name: Willard Well #: 1

Sec. 22 Twp. 15 S. R. 18 ☐ 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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Dual Induction Log
Dual Compensated Porosity Log
Microresistivity Log

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	1195'	+843'
Topeka	2993'	-955'
Heebner	3271'	1233'
Lansing/KC	3321'	-1283'
Base KC	3544'	-1506'
Arbuckle	3596'	-1558'

CASING RECORD ☑ New ☐ 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	20	223	Common	140	2% gel, 3% CC
Production	7.85	5.5	14	3742	EA-2	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☑ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	0-1203	SMD	125	DV Tool
	-			

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
2	3625'-26'		
2	3614-19'		
2	3598'-3606'		
	3622' Bridge Plug		

TUBING RECORD: Size: 2.875" Set At: 3558' Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 10/24/2011

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	40		30		30

DISPOSITION OF GAS:
☑ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
Arbuckle

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

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

January 09, 2012

Tom Denning
TDI, Inc.
1310 BISON RD
HAYS, KS 67601-9696

Re: ACO1
API 15-051-26172-00-00
Willard 1
NE/4 Sec.22-15S-18W
Ellis County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Tom Denning

DRILL STEM TEST REPORT

TDI Inc

1310 Bison Rd
Hays Ks 67601-9696

ATTN: Tom Denning

Willard #1

22-15s-18w Ellis

Job Ticket: 44555 **DST#: 1**

Test Start: 2011.09.04 @ 00:45:15

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:51:40
Time Test Ended: 08:02:39

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

Interval: 3530.00 ft (KB) To 3612.00 ft (KB) (TVD)
Total Depth: 3612.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

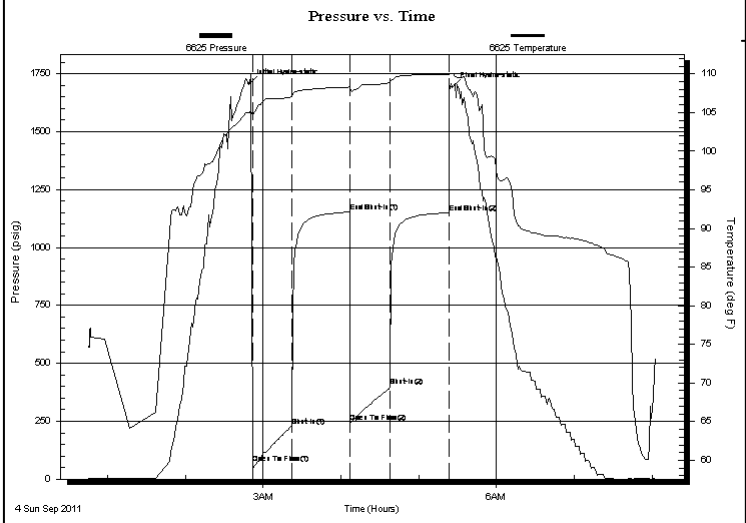
Reference Elevations: 2038.00 ft (KB)
2026.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6625 **Inside**

Press@RunDepth: 402.34 psig @ 3544.00 ft (KB)
Start Date: 2011.09.04 End Date: 2011.09.04
Start Time: 00:45:15 End Time: 08:02:39

Capacity: 8000.00 psig
Last Calib.: 2011.09.04
Time On Btm: 2011.09.04 @ 02:49:10
Time Off Btm: 2011.09.04 @ 05:26:09

TEST COMMENT: 30-IFP-strg bl in 4 min
45-ISIP-1/2"bl bk
30-FFP-strg bl in 6 min
45-FSIP-surface bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1706.73	105.03	Initial Hydro-static
3	66.31	104.75	Open To Flow (1)
33	230.70	107.07	Shut-In(1)
78	1152.89	108.30	End Shut-In(1)
78	245.94	108.09	Open To Flow (2)
109	402.34	108.86	Shut-In(2)
154	1149.48	109.87	End Shut-In(2)
157	1693.93	110.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	350'GIP	0.00
425.00	CO	5.96
280.00	MGO 15%G40%M45%O	3.93
250.00	MGO 25%G15%M60%O	3.51

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc

1310 Bison Rd
Hays Ks 67601-9696

ATTN: Tom Denning

Willard #1

22-15s-18w Ellis

Job Ticket: 44555 **DST#: 1**

Test Start: 2011.09.04 @ 00:45:15

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	32 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.80 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2900.00 ppm				
Filter Cake:	1.00 inches				

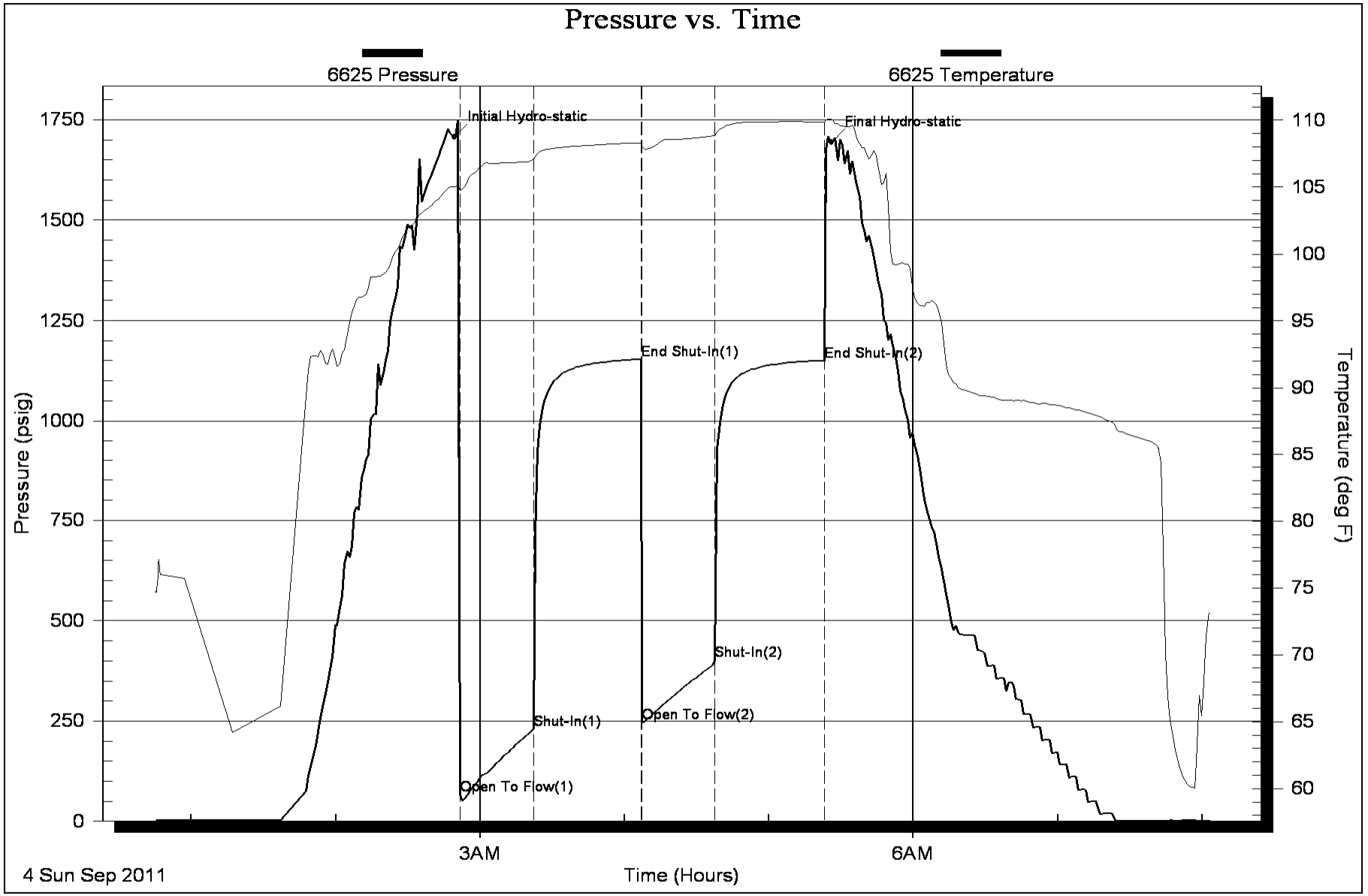
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	350'GIP	0.000
425.00	CO	5.962
280.00	MGO 15%G40%M45%O	3.928
250.00	MGO 25%G15%M60%O	3.507

Total Length: 955.00 ft Total Volume: 13.397 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6625 Pressure
6625 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure (psig)
Temperature (deg F)
1750
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
70
65
60
3AM
6AM
4 Sun Sep 2011
Time (Hours)

HERB DEINES

CONSULTING GEOLOGIST

108 W. 35th ST. PH. 785-625-3380 HAYS, KS 67601

COMPANY TDI, Inc.

WELL Willard #1

FIELD Schoenchen

COUNTY Ellis STATE Kansas

LOCATION: 480' FNL & 2190' FEL, NE/4

SEC 22 TWP 15s RGE 18w

Elevations: KB 2038 DF GL 2028'

Logging by: Log Tech

1. Dual Induction Log
2. Dual Compensated Porosity Log
3. Microresistivity Log
4.
5.
6.

Contractor Southwind Drlg. Inc. Rig #1

Commenced 8-30-2011 Completed 9-05-2011

RTD 3745' LTD 3744'

Surface Casing 8 5/8" set To 223.68' w/ 140 sxs Common 2% Gel 3% CC

Production Casing 5 1/2" set To 3742' w/ 150 sxs EA2 DV AT 1203' w 125 sxs SMD 30 sxs in Rathole 20 sxs in mousehole Swist Services Ticket# 20339

Drilling Time 2900' - RTD Samples 2950' - RTD

Daily Penetration Rate

Date	Depth	Activity	Date	Depth	Activity
8-30-11		Rig, Spud, Set SP			
8-31-11	637'	Drlg			
9-01-11	1982'	Drlg			
9-02-11	2785'	Drlg			
9-03-11	3385'	Drlg			
9-04-11	3612'	DST #1, RTD, Logs			
9-05-11	3745'	Finish Logs, Run Csg, RD			

FOLD HERE

REMARKS Recommendation To Run production casing based on favorable formation structure and positive results of DST #1.

Herb Deines

15-051-26,172-00-00

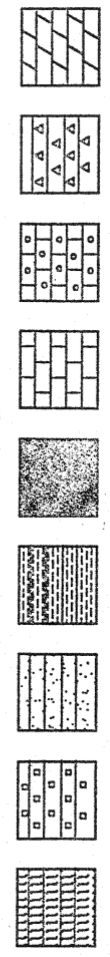
Bit Record

Make & Type	Serial No.	Nozzles	Depth In	Depth Out	Hours

Formation	Sample Log	Datum	* Formation	Sample Log	Datum	*
Anhydrite Top	1196	1195	+843			
Anhydrite Base	1233	1230	+808			
Topeka	2994	2993	-955			
Heebner Shale	3274	3271	-1233			
Toronto	3294	3291	-1253			
LKC	3323	3321	-1283			
BKC	3547	3544	-1506			
Arbuckle	3594	3596	-1558			
RTD	3745					
LTD		3744	-1706			

* Structural Position to:

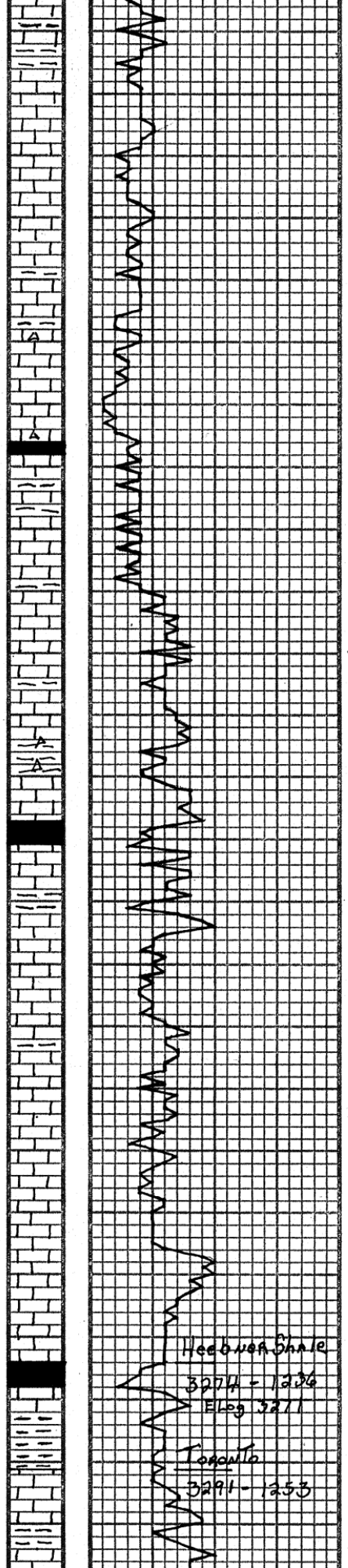
LEGEND



LOG 7703

SCALE " = 100'

Lithology	Drilling time in minutes (1 2 3 4 5 6 7 8 9)	DEPTH	Sample Description	Remarks, drill stem tests, etc.
				Mud System - Gel Chemical Mud Co
		70		
		80		Slope Survey 225' 1/2°
		90		
	Anhydrite Top 1195+843	1200		
		10		
		20		
	Anhydrite Base 1230+808	30		
		40		
		50		
		2900		
		10		
		20	Lm med brn FNX/N - granular foss	
		30	Lm LT gray FNX/N Sli Foss	
		40	Sh gray soft - blocky Lm LT-med gray FNX/N Sli Foss	
		50	Lm LT gray - med brn FNX/N - granular in part	
		60		
		70	Sh med gray Lm brn FNX/N	
		80	Sh med gray	
	Topeka 2993 - 955	90		
		3000	Lm cam FNX/N Lm cam-LT brn FNX/N - Sli granular Sli Chalk in part	
		10		
		20	Lm med brn - grayish brn FNX/N Sli foss	
		30	Lm brn-gray FNX/N - granular trashy mix in part Sli Foss	
		40	Lm brn - med gray FNX/N - Granular Sli Foss	
		50	Lm off wht - LT brn - gray FNX/N	



60 Lm LTBRN - gray FNX/N - granular
Sli Foss

70 Lm offwht - LTbrn FNX/N - Granular
Sli Foss chalk in part

80 Lm brnish gray FNX/N - Granular
Sli Foss Crinoid fragments

90 Lm LT-med brn FNX/N Sli Foss

3100

10 Lm LTbrn - LTgray Granular
Sli chalk

20 Lm LT-med brn FNX/N - Granular

30 Sh gray - blk Carb

Lm LTbrn - LTgray FNX/N - Granular

40

50 Lm offwht - LTgray FNX/N - Granular

60 Lm LT-med brn FNX/N - granular in part
Sli Foss

70 Lm LTbrn - grayish brn FNX/N

80 Lm LT-med brn FNX/N

90 Sh blk Carb

Lm Tan - LTbrn FNX/N

3200

Lm off wht - LTbrn FNX/N
scattered gray mottling

10 Lm off wht - Med brn FNX/N - Granular
Sli foss

20 Lm LTbrn - brownish gray FNX/N

30 Lm LTgray - gray FN - VFX/N
Sli Foss

40 Lm off wht - LTbrn FNX/N - granular
Chalk NS

50 Lm off wht - LTbrn FNX/N - granular
Sli Foss

60 Lm LTbrn FN - VFX/N w chalk in part

70 Lm LTbrn FNX/N w chalk in part
Sh blk Carb

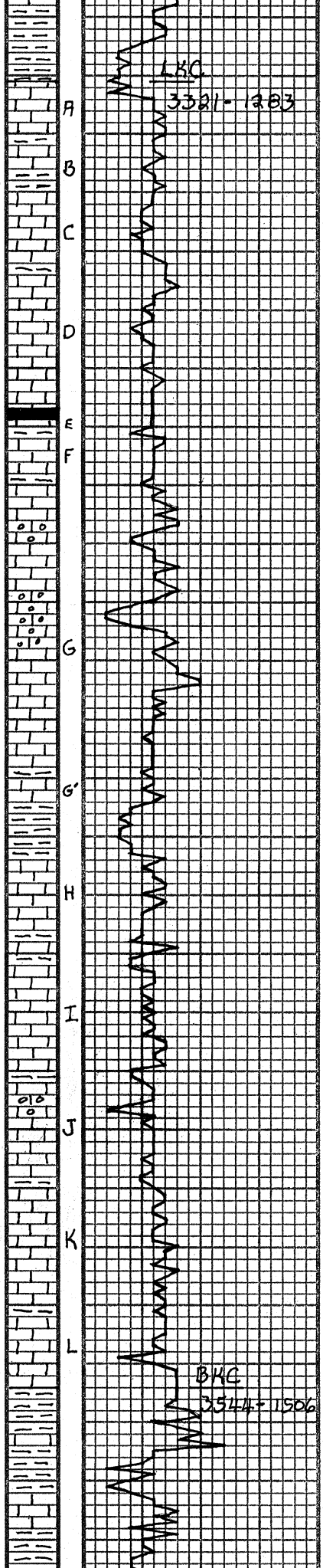
80 Lm med brn VFX/N Sli Foss

Sh green + grayish gray soft

90 Lm cam - LTbrn FN - VFX/N Chalk in part
NS

3300

Lm cam - Tan - LTbrn FN - VFX/N w chalk
NS



10 Sh Red, brn, soft

20 Lm LtBrn FN-VFX/N
Few pcs oolitic w LtStain NFO No odor

30 Lm Cam-brn Mostly FNX/N
Lt odor noted in interval w Scattered Stn
Sh dove gray - Lt green soft

40 Lm cam-tan - Lt brn FNX/N w chalk
No odor gilsonitic in part

50 Lm Lt-med brn Mostly VFX/N
Ipa Trace fresh oil stain
poorly Developed Ø Scat Stn

60 Lm tan FNX/N

70 Sh blk carb

80 Lm Lt gray FNX/N

Lm cam-Lt brn Mostly FNX/N
Scat stain pinpt Vug Ø NFO No odor

90 Lm wht-cam FNX/N
oolitic-oomoldic in part Trace fresh oil
intraoolitic Ø No odor detected

3400

10 Lm wht-cam FN-VFX/N
oolitic-oomoldic in part Mostly barren
w chalk in part

20 Lm wht-cam FN-VFX/N

30 Lm wht-cam FN-VFX/N
Sli chalk

40 Lm off wht-cam FN-VFX/N

Sh gray-blk

50 Lm Lt-med brn Mostly FN-VFX/N NS

60 Lm cam-Lt brn FN-VFX/N Sli chalk

70 Lm off wht-Lt brn FN-VFX/N
Sli chalk
Few pcs oolitic wht Scat stn NFO No odor

Lm cam-Lt brn FN-VFX/N

80 Lm cam-Lt brn FN-VFX/N

Lm cam-Lt brn FN-VFX/N chalk in part

90 Lm off wht-brn FN-VFX/N w chalk
Few pcs oolitic-oomoldic VLT odor
Vug Ø on bkt

3500

Lm off wht-cam FN-VFX/N w chalk in part

10 Lm cam-Lt brn FN-VFX/N
Sli chalk

20 Lm wht-cam FN-VFX/N Sli chalk

30 Lm cam FN-VFX/N Sli chalk

40 Sh Red wash soft

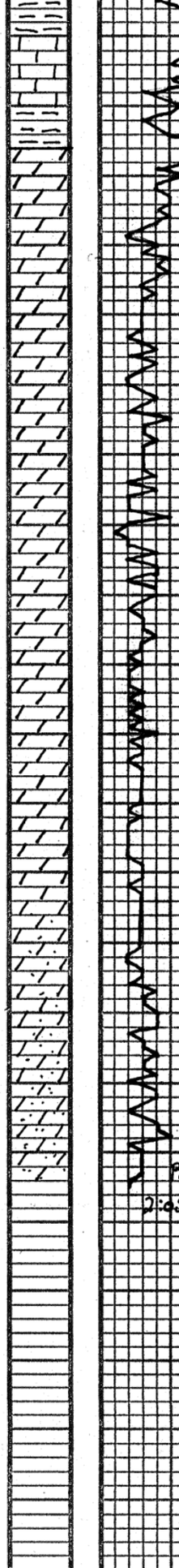
50 Lm wht crumbly chalky

60 Sh Red wash, brn

Clastic mix Lm, sh

70 Sh Beds, bans

DST #1 3530'-3612'
30-45-30-45
Rec: 350' GIP
~~425' CO~~
280' MGO - 15%G, 45%O
250' MGO - 25%G, 60%O
955' Total Fluid
Gravity 32
BHT: 109°
ISIP: 1152#
FSIP: 1149#
FP: 66-230, 245-402



Arbuckle
3596 - 1558

ATD
2:05 AM 9-4-2011

80 Lm CRM FN X/N crumbly oolitic but well Cemented
Few glaconitic specks in part

90 Sh Red, brn, MAROON

3600 Dol brn FN X/N - soft granular
LT distinctive Arbuckle odor LTSFO on bak
Gd wet Cut

10 Dol Ivory. LT brn FN-md X/N F-G odor
increasing staining & grain size cx/n inf

Dol Ivory-LT brn FN-Med X/N F-G odor

20 Dol Ivory-LT brn FN-CX/N Gd intergrn Ø
Gd odor

30 Dol mostly Ivory FN CX/N
scattered FN X/N pyrite
Decreasing odor

40 Dol Ivory-LT brn FN-CX/N

50 Dol Ivory - LT brn FN-CX/N
Sh LT brn-earthy w pyrite crystal imbedded

Dol Ivory FN-CX/N Sligil sandy in part

60

Dol Ivory w LT salmon TINT FN CX/N

70

Dol Ivory - LT Salmon Med-CX/N

80

Dol Ivory - LT Salmon FN-CX/N

90

Dol Ivory - LT Salmon FN-CX/N

3700

Dol Ivory - LT salmon Sli pyritic
10 imbedded QTz crystals
some sucrosic CX/N

20 Dol Ivory - CRM FN-CX/N

30 Dol Ivory-CRM FN-CX/N
scattered sand grains - QTz

40

Slope Survey 3/4°

50

1st Open: STRONG BOB 4 min
1/2" blow back

2nd Open: STRONG BOB 6 min
No blow back

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 No. 5084

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8-30-11	22	15	18	Ellis	Kansas		5:45PM

Lease Willard Well No. 1 Location Hays 9S 1/2E

Contractor Southwind Drilling Rig 1 Owner

Type Job Surface To Quality Oilwell Cementing, Inc.
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 12¼ T.D. 225

Csg. 8⅝ 23# Depth Charge To TDI

Tbg. Size Depth Street

Tool Depth City State

Cement Left in Csg. 10-15' Shoe Joint The above was done to satisfaction and supervision of owner agent or contractor.

Meas Line Displace 13⅓ Bbl Cement Amount Ordered 150 Common 3%CC 2%Gel

EQUIPMENT

Pumptrk 5 No. Cementer / Helper Steve

Bulktrk 14 No. Driver / Driver Chris

Bulktrk No. Driver / Driver Michael

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Cement did Circulate

Common	150
Poz. Mix	
Gel.	3
Calcium	5
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	158
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Surface	
Pumptrk Charge	Surface
Mileage	10
Tax	
Discount	
Total Charge	

X Signature Frank Rance

JOB LOG — **SWIFT Services, Inc.** — DATE 7-5-11 — PAGE NO. 1

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
TDI	#1	Willard	2-stage	20339

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0545							on loc w/ FE
								RTD 3745' LTD 3744'
								5½" X 14# X 3745' X 39'
								Cent 1, 3, 5, 7, 9, 11, 13, 59, 29
								Baskets 2, 13, 60, 80
								DV 60 @ 1205'
	0900							Start FE
	1045							Break Circulation
	1155	4.5	0				150	Start Preflushes 500 gal Mud Flush 20 bbl KCL Flush
	1202	5.5	32/0				200	Start Cement 150 sks EA-2
	1210		36					End Cement
								Wash P/L
								Drop LD Plug
	1214	6.5	0				150	Start Displacement
	1224	5	68				200	Catch Cement KCL in last 20 bbl
	1230		90.5				600/1200	Land Plug
								Release Pressure
								Float Held
								Drop Opening Plug
	1235	2.5	7/5					Plug RH + MH 30/20 sks SMD
	1245						1100	Open DV
	1247	6	0				100	Start Cement 125 sks SMD
	1259		70					End Cement
								Drop Closing Plug
	1302	6	0				100	Start Displacement
	1307	4	26				350	Circ Cement
	1308		29.5				450/1400	Land Plug
								Close DV
								Release Pressure
								DV Closed
								Circ 25 sks to pit
								Thank you
								Nick, Josh E. & Rob

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

January 10, 2012

Tom Denning
TDI, Inc.
1310 BISON RD
HAYS, KS 67601-9696

Re: ACO-1
API 15-051-26172-00-00
Willard 1
NE/4 Sec.22-15S-18W
Ellis County, Kansas

Dear Tom Denning:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 08/30/2011 and the ACO-1 was received on January 10, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department