



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1052301

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

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				

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Pfaff-Toedman 1-24
Doc ID	1052301

Tops

Name	Top	Datum
Top Anhydrite	1789	+658
Base Anhydrite	1824	+623
Heebner	3838	-1391
Toronto	3858	-1411
LKC	3872	-1425
BKC	1411	-1697
Pawnee	4247	-1800
Fort Scott	4340	-1893
Cherokee Shale	4363	-1916
Cherokee Sand	4428	-1981
Mississippi	4458	-2011

DRILL STEM TESTS

No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IRM-FRM	RECOVERY

REMARKS AND RECOMMENDATIONS

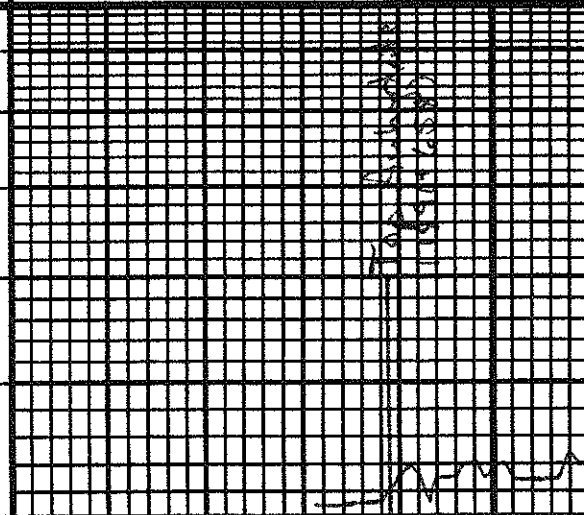
7515

LEGEND

-  Anhydrite
-  Salt
-  Sandstone
-  Shale
-  Carb sh
-  Limestone
-  Ool.Lime
-  Chert
-  Dolomite

DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



1800

REMARKS

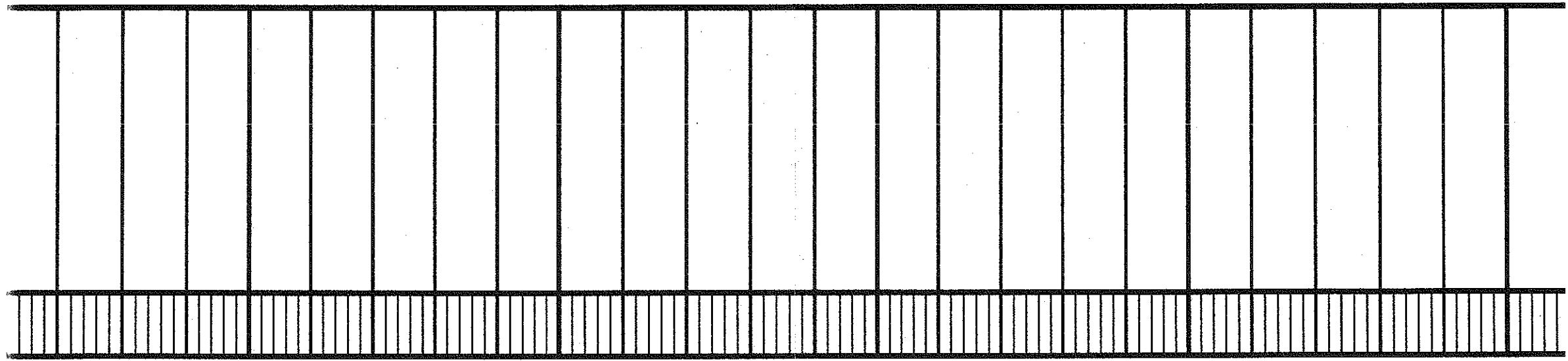
OIL SHOWS

SAMPLE DESCRIPTIONS

LITHOLOGY

DEPTH

LOG 7710



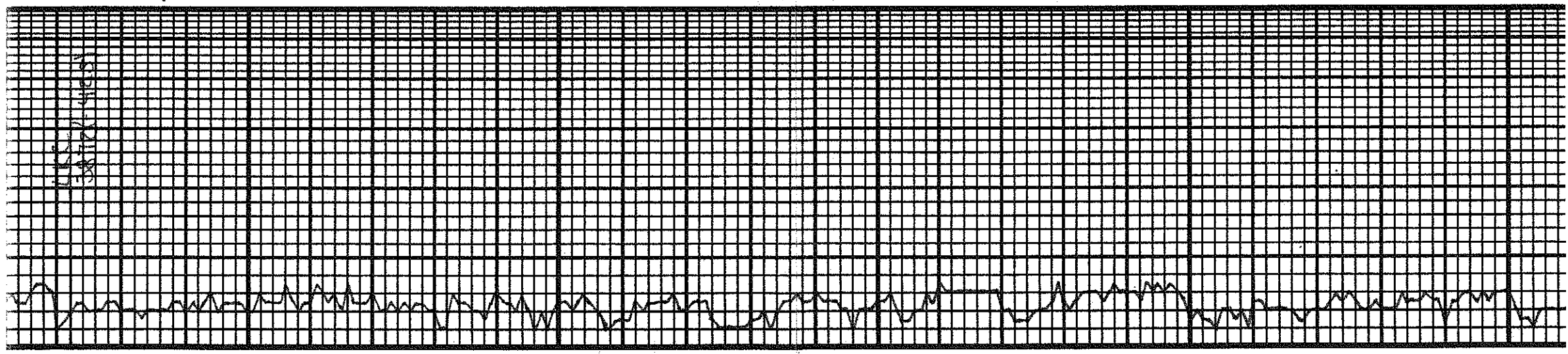
3900

50

4000

50

4100



STATION 1000

BK6
41876/100

50

4200

BK6
42511/100

50

4300

BK6
43015/100

50

Sh: grey

LS: wnt, fu, mid xln, Fass,
Ting front bon sh.
Rx chrs, prx

Sh: ben w/ grey

LS: tom-wnt, mid xln,
Scat Fass, prx

Sh: ben w/ red, Arg in
part.

LS: wnt-tom, fu-wid
xln, ting wntld. All
vprx, NS.

Sh: grey w/ scat
bn

LS: wnt-tom, fu-xln,
y chrs, pt. No vis. tom
prx

Sh: drk grey

LS: wnt-scray, fu-xln,
fu sub xln ix. Ting

tom-beg, fu-xln

xln, v chrs, No vis, NS.

Scat arg & tom chro.

LS: Mostly AIA, tom,

v fu xln, y chrs, No

vis, NS. Scat chro

AIA

LS: AIA w/ drk grey

su int/loads.

Sh: Black Carb

LS: tom-wnt, fu xln,

Scat pr prx w/ spotted

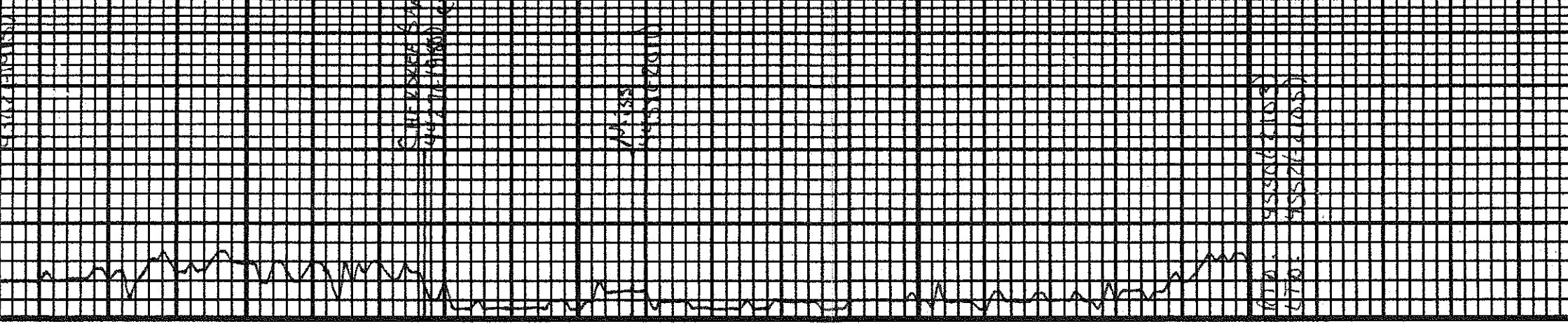
Stn, NSF, No od. Mostly

tit & chrs. Scat sub chrs

Vis: SS. Wt: 9.4

DST #1

4387-4430



I.F. 808 5min
 FF. 808 9min
 IFP. 93-220
 FFP. 232-333
 SIP. 1022-962
 HP. 2276-2170
 Rec:
 315' MW 161w
 330' MW 957w
 10' m
 BHT: 136' CUL. 321K
 DST # 2 (Straddle)
 4443-4460
 45-45-45-45
 I.F. 7"
 F.F. 5 1/2"
 IFP. 25-62
 FFP. 67-95
 SIP. 1298-1267
 HP. 2361-2190
 Rec:
 155' MW 981w
 BHT: 129' CUL. 411K

Sh: brn-red.

Sh: AIA

LS: tan-whit, oil, part

Sh: brn-gry

LS: tan-whit, fur-nd-x-by chms

Sh: gry w/ brn

LS: tan, ind-x-nd, oal.

Sh: gry
 SS: Cr, ind, cro grtz chert, pr. sch.
 v Aug. Fr 1.5 to 1.5 ft. friable.

Sh: grey, scat sptd sfb, mostly
 barren, No Od, No Fluor.

SS: Some AIA, much chert

tan - gel ss tang fur ind gry,
 w/ll sort, aug, fr 1.5 x w/ fr.
 gd scat, gel sfb, Dead in art.

Sh: gry

Chrt: wht: tan, shp + fresh
 w/ll frant weath. Fass w/ll
 frant part 1.2 pss w/ ssid

rdge str. gd frang, NSF, No
 No Od, gel chrt.

Chrt: Tang bone wht, fresh +
 shp. gd frang, ALL NG

Chrt: Frant AIA tang

tan-gel Fass + tang

brn, frang. Rx tot
 barren w/ No ad.

Sh: brn-red w/ gry

Manley

D S / # 1

D S / # 2

4400

50

4500

4550

4440 4550
 4420 4530
 4400 4510

4440 4550
 4420 4530
 4400 4510

4440 4550
 4420 4530
 4400 4510

ALLIED CEMENTING CO., LLC. 038699

Federal Tax I.D.# 20-5975804

BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend KS

DATE <u>2-18-11</u>	SEC. <u>11</u>	TWP. <u>14S</u>	RANGE <u>20W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 PM</u>	JOB FINISH <u>7:30 PM</u>
LEASE <u>Toedman</u>	WELL # <u>1-24</u>		LOCATION <u>Brownell west T6 X RD</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1/2 north west into</u>				

CONTRACTOR <u>Discovery 4</u>	OWNER <u>Downing & Nelson</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>223</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>223</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15</u>	
PERFS.	
DISPLACEMENT <u>13.25 BBHs</u>	

CEMENT			
AMOUNT ORDERED <u>150 SX class A</u>			
<u>+ 3% cc + 2% Gel</u>			
COMMON	<u>150</u>	@ <u>13.50</u>	<u>2025.00</u>
POZMIX		@	
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>150</u>	@ <u>2.25</u>	<u>337.50</u>
MILEAGE	<u>150 x 16 x .10</u>	2.40	<u>300.00</u>
TOTAL			<u>2,980.75</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Wayne</u>
# <u>366</u>	HELPER <u>Bob-R</u>
BULK TRUCK	
# <u>341</u>	DRIVER <u>Bill</u>
BULK TRUCK	
#	DRIVER

REMARKS:

Pipe on Bottom Break circulation with Rig mud shut down
Hook up to cement line mix 150 SX class A 3% cc + 2% Gel
Displace 13.25 BBHs fresh water shut in. Cement did circulate
Rig Down

SERVICE

DEPTH OF JOB	<u>223</u>		
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>16</u>	@ <u>7.00</u>	<u>112.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL			<u>1103.00</u>

CHARGE TO: Downing & Nelson

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment.

ALLIED CEMENTING CO., LLC. 038709

Federal Tax I.D.# 20-5975804

ATTN: P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend KS

DATE <u>2-24-11</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>4:30 PM</u>	JOB FINISH <u>5:30 PM</u>
<u>Pratt</u> LEASE <u>Toedman</u>	WELL# <u>1-24</u>	LOCATION <u>Brownell KS west</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>TO XRD 1 north west TO</u>				

CONTRACTOR <u>Discovery Rig 3</u>	OWNER <u>Downing + Nelson</u>
TYPE OF JOB <u>Rotary plug</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4550</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>1860</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT
AMOUNT ORDERED 290 SX 60/40 4% Gel
4 flo seal

COMMON	<u>174</u>	@	<u>13.50</u>	<u>2,349.00</u>
POZMIX	<u>116</u>	@	<u>7.55</u>	<u>875.80</u>
GEL	<u>10</u>	@	<u>20.25</u>	<u>202.50</u>
CHLORIDE		@		
ASC		@		
<u>4 flo seal</u>	<u>72#</u>	@	<u>2.45</u>	<u>176.40</u>
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>290</u>	@	<u>2.25</u>	<u>652.50</u>
MILEAGE	<u>290 x 18 x .10</u>			<u>522.00</u>
TOTAL				<u>4778.20</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Wayne-D</u>
# <u>366</u>	HELPER <u>Bob-R</u>
BULK TRUCK	
# <u>344</u>	DRIVER <u>Greg</u>
BULK TRUCK	
#	DRIVER

REMARKS:

<u>1st</u>	<u>plug 1860 mix 50 SX</u>
<u>2nd</u>	<u>plug 1080 mix 80 SX</u>
<u>3rd</u>	<u>plug 650 mix 50 SX</u>
<u>4th</u>	<u>plug 250 mix 40 SX</u>
<u>5th</u>	<u>plug 60 mix 20 SX</u>
	<u>Rathole 30 SX</u>
	<u>mouse 20 SX</u>

SERVICE

DEPTH OF JOB	<u>1860</u>		
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>18</u>	@	<u>7.00</u> <u>126.00</u>
MANIFOLD		@	
		@	
		@	

CHARGE TO: Downing - Nelson
STREET _____
CITY _____ STATE _____ ZIP _____

TOTAL 1117.00

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

DNOC
PO Box 372
Hays, Ks
67601
ATTN: Marc Downing

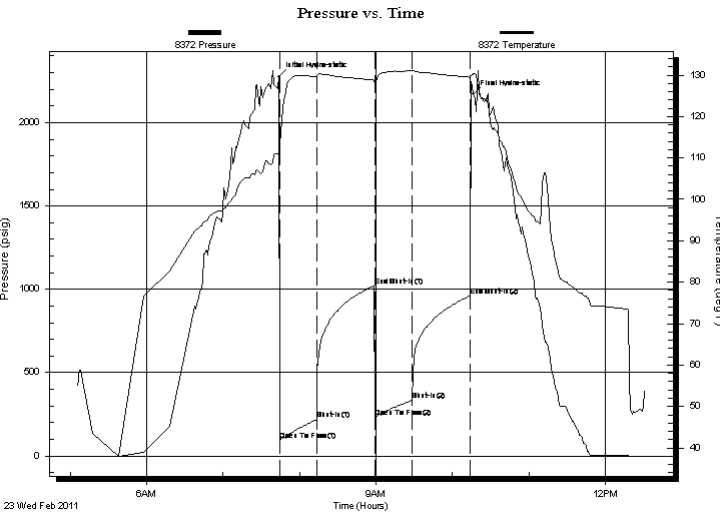
Pfaff-Toedman 1-24
24-16-23/Ness
Job Ticket: 41785 **DST#: 1**
Test Start: 2011.02.23 @ 05:05:54

GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:44:23
Time Test Ended: 12:31:23
Interval: **4387.00 ft (KB) To 4430.00 ft (KB) (TVD)**
Total Depth: 4430.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 2447.00 ft (KB)
2439.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8372 Inside
Press @ Run Depth: 333.14 psig @ 4390.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.02.23 End Date: 2011.02.23 Last Calib.: 2011.02.23
Start Time: 05:05:54 End Time: 12:31:23 Time On Btm: 2011.02.23 @ 07:43:53
Time Off Btm: 2011.02.23 @ 10:16:23

TEST COMMENT: IFP - BOB 5 min
ISI - no blow back
FFP - BOB 9 min
FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2275.72	110.90	Initial Hydro-static
1	93.11	109.48	Open To Flow (1)
30	219.92	129.74	Shut-In(1)
75	1022.15	128.76	End Shut-In(1)
76	231.62	128.32	Open To Flow (2)
105	333.14	131.05	Shut-In(2)
150	961.82	129.48	End Shut-In(2)
153	2169.76	130.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	MUD 100%	0.05
330.00	MW 95%W, 5%M	4.43
315.00	WM 10%W, 90%M	4.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DNOC

Pfaff-Toedman 1-24

PO Box 372
Hays, Ks
67601

24-16-23/Ness

Job Ticket: 41785

DST#: 1

ATTN: Marc Dow ning

Test Start: 2011.02.23 @ 05:05:54

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:

32000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	MUD 100%	0.049
330.00	MW 95%W, 5%M	4.429
315.00	WM 10%W, 90%M	4.419

Total Length: 655.00 ft

Total Volume: 8.897 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

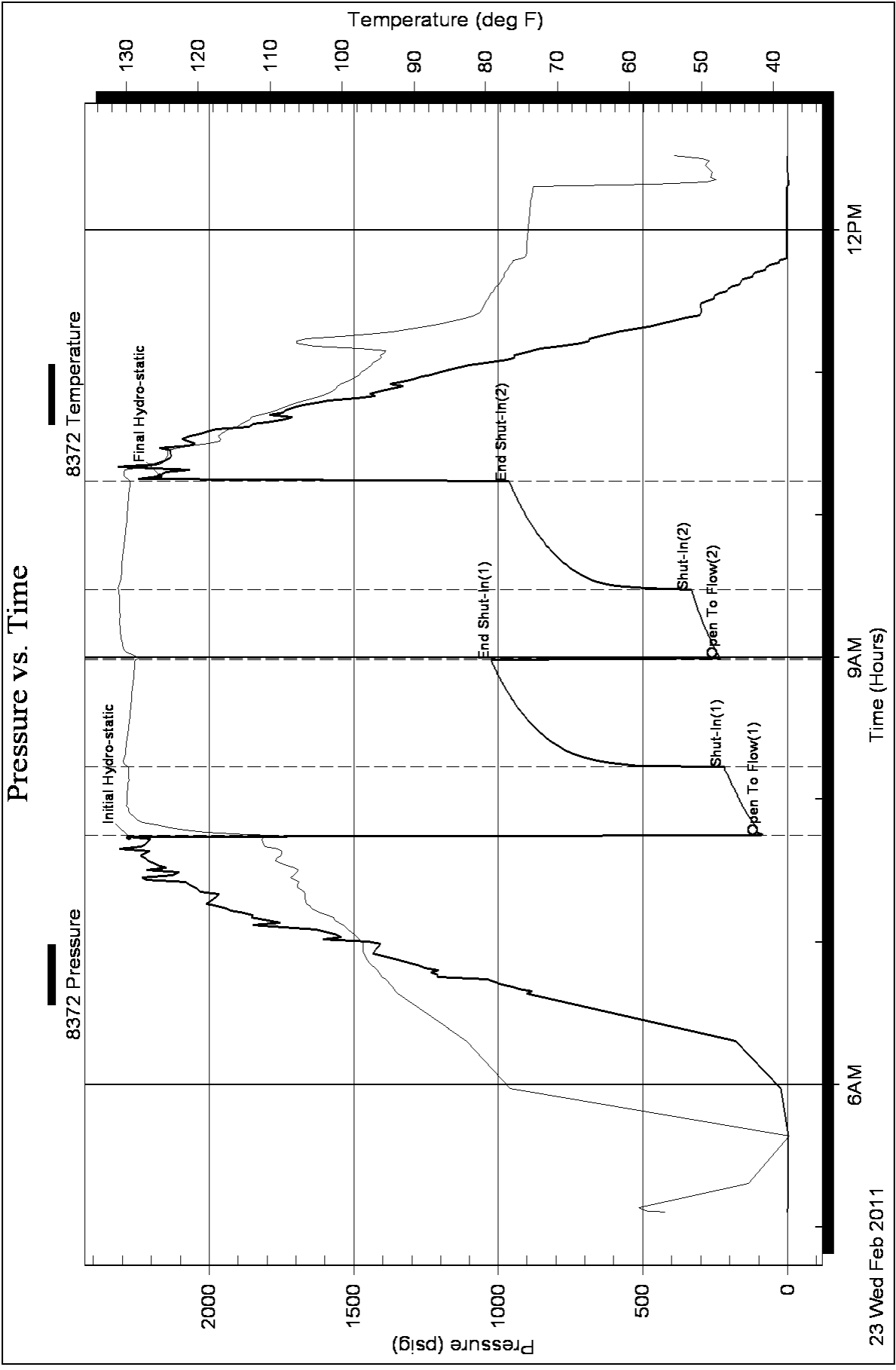
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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Hays, Ks
67601
ATTN: Marc Downing

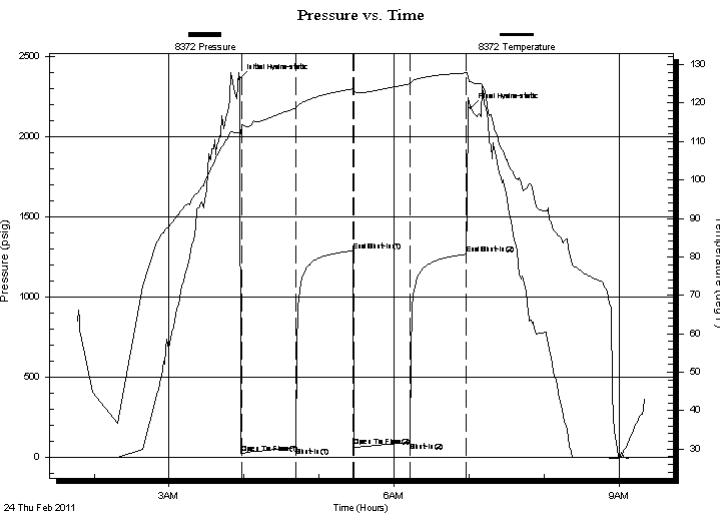
Pfaff-Toedman 1-24
24-16-23/Ness
Job Ticket: 41786 **DST#: 2**
Test Start: 2011.02.24 @ 01:46:51

GENERAL INFORMATION:

Formation: **Cong Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:57:50
Time Test Ended: 09:20:20
Interval: 4443.00 ft (KB) To 4460.00 ft (KB) (TVD)
Total Depth: 4551.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Straddle
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 2447.00 ft (KB)
2439.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8372 Inside
Press @ Run Depth: 94.82 psig @ 4445.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.02.24 End Date: 2011.02.24 Last Calib.: 2011.02.24
Start Time: 01:46:51 End Time: 09:20:20 Time On Btm: 2011.02.24 @ 03:56:20
Time Off Btm: 2011.02.24 @ 07:01:20

TEST COMMENT: IFP - weak to good blow - 1/2" - 7"
ISI - no blow back
FFP - weak to fair blow sur - 5 1/2"
FSI - no blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2360.73	112.15	Initial Hydro-static
2	25.47	114.31	Open To Flow (1)
45	62.37	118.78	Shut-In(1)
91	1288.11	123.72	End Shut-In(1)
92	67.50	123.08	Open To Flow (2)
136	94.82	125.00	Shut-In(2)
182	1266.73	127.85	End Shut-In(2)
185	2180.19	125.53	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
155.00	MW 90%W, 10%M	1.88

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



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TESTING, INC**

DRILL STEM TEST REPORT

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PO Box 372
Hays, Ks
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ATTN: Marc Dow ning

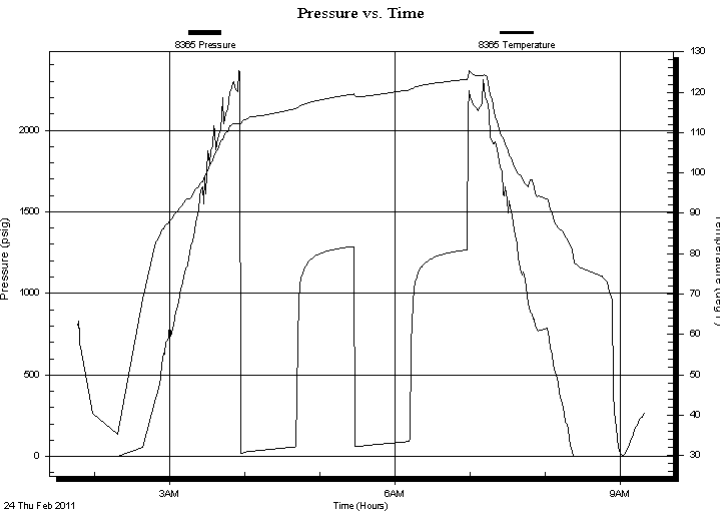
Pfaff-Toedman 1-24
24-16-23/Ness
Job Ticket: 41786 **DST#: 2**
Test Start: 2011.02.24 @ 01:46:51

GENERAL INFORMATION:

Formation: **Cong Sand**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle
Time Tool Opened: 03:57:50 Tester: Brian Fairbank
Time Test Ended: 09:20:20 Unit No: 41
Interval: 4443.00 ft (KB) To 4460.00 ft (KB) (TVD) Reference Elevations: 2447.00 ft (KB)
Total Depth: 4551.00 ft (KB) (TVD) 2439.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 8.00 ft

Serial #: 8365 Outside
Press @ Run Depth: psig @ 4445.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.02.24 End Date: 2011.02.24 Last Calib.: 2011.02.24
Start Time: 01:46:45 End Time: 09:19:44 Time On Btm:
Time Off Btm:

TEST COMMENT: IFP - weak to good blow - 1/2" - 7"
ISI - no blow back
FFP - weak to fair blow sur - 5 1/2"
FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
155.00	MW 90%W, 10%M	1.88

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

DNOC

Pfaff-Toedman 1-24

PO Box 372
Hays, Ks
67601

24-16-23/Ness

Job Ticket: 41786

DST#: 2

ATTN: Marc Downing

Test Start: 2011.02.24 @ 01:46:51

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

41000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
155.00	MW 90%W, 10%M	1.883

Total Length: 155.00 ft

Total Volume: 1.883 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

