



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: _____



1052968

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	Franz Trust 1-19
Doc ID	1052968

All Electric Logs Run

Micro
Sonic
Dual Induction
Compensated Density Neutron

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Franz Trust 1-19
Doc ID	1052968

Tops

Name	Top	Datum
Top Anhydrite	1402	+805
Base Anhydrite	1428	+779
Heebner	3722	-1515
LKC	3772	-1565
BKC	4088	-1881
Fort Scott	4274	-2067
Cherokee Shale	4294	-2087
Mississippi	4359	-2152
Osage	4386	-2179



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

DNOC
PO Box 1019
Hays, KS 67601
ATTN: Marc Downing

Franz Trust 1-19
19-20-20 Pawnee KS
Job Ticket: 41793 **DST#: 1**
Test Start: 2011.03.06 @ 03:53:20

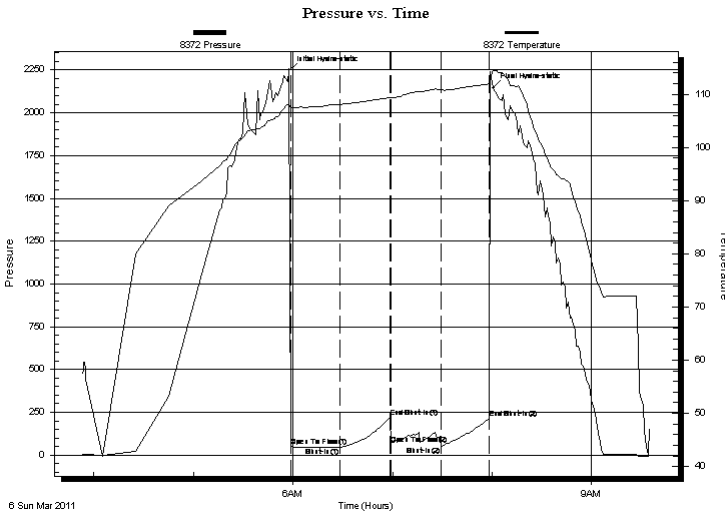
GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:58:49
Time Test Ended: 09:34:49
Interval: **4315.00 ft (KB) To 4363.00 ft (KB) (TVD)**
Total Depth: 4363.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 2204.00 ft (KB)
2196.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8372 Inside
Press @ Run Depth: 50.35 psig @ 4318.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.06 End Date: 2011.03.06 Last Calib.: 2011.03.06
Start Time: 03:53:20 End Time: 09:34:49 Time On Btm: 2011.03.06 @ 05:57:49
Time Off Btm: 2011.03.06 @ 08:00:49

TEST COMMENT: IFP - 1/4" blow - died 14 min
ISI - no blow back
FFP - no blow
FSI - no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2248.00	107.96	Initial Hydro-static
1	48.13	107.49	Open To Flow (1)
31	44.22	108.12	Shut-In(1)
61	220.72	109.37	End Shut-In(1)
61	60.83	109.31	Open To Flow (2)
92	50.35	110.84	Shut-In(2)
121	214.23	111.93	End Shut-In(2)
123	2144.95	114.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%	0.02

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

DNOC
PO Box 1019
Hays, KS 67601
ATTN: Marc Downing

Franz Trust 1-19
19-20-20 Pawnee KS
Job Ticket: 41793 **DST#: 1**
Test Start: 2011.03.06 @ 03:53:20

Mud and Cushion Information

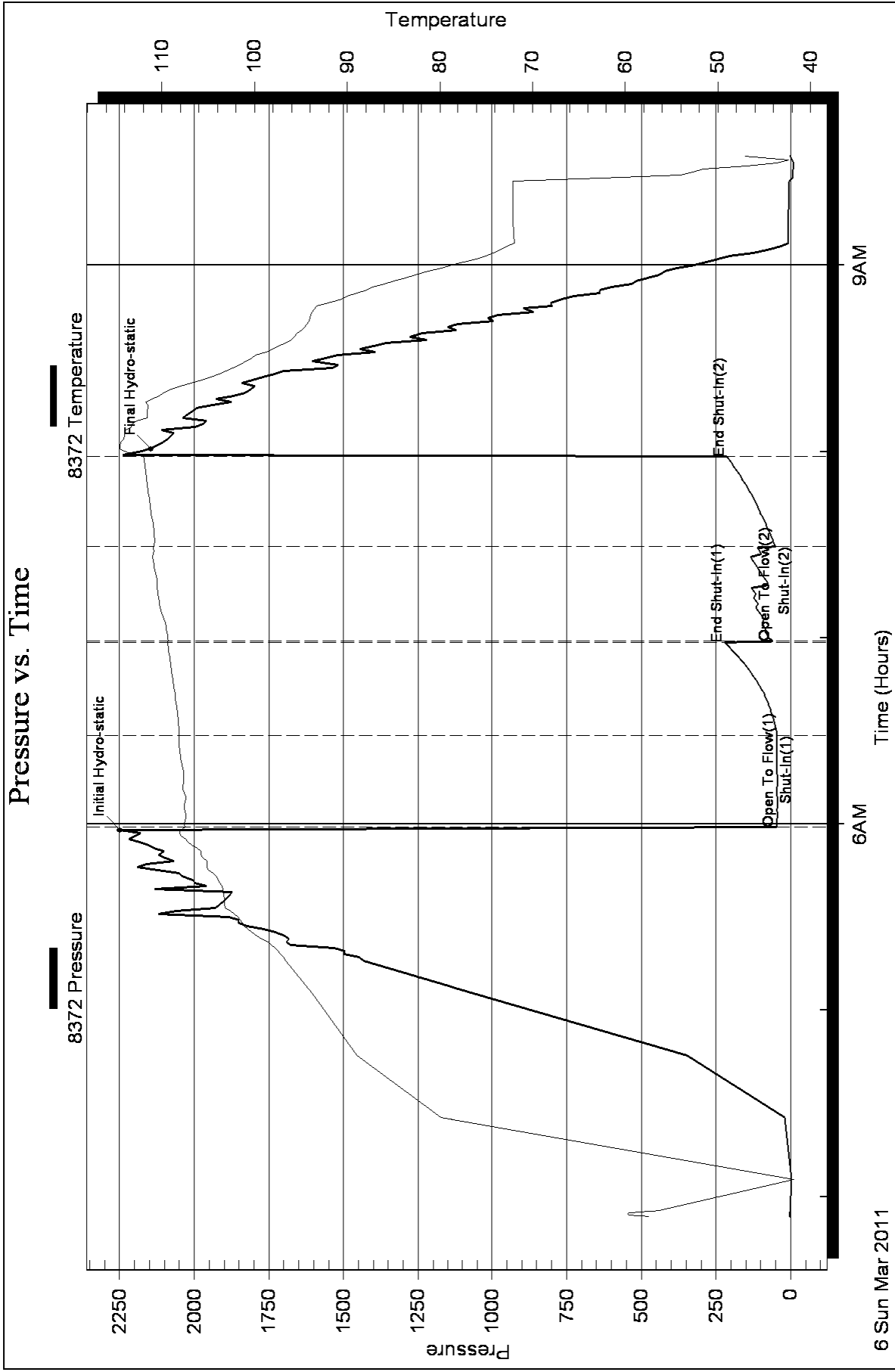
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.57 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

DNOC
PO Box 1019
Hays, KS 67601
ATTN: Marc Downing

Franz Trust 1-19
19-20-20 Pawnee KS
Job Ticket: 41794 **DST#: 2**
Test Start: 2011.03.06 @ 16:07:06

Mud and Cushion Information

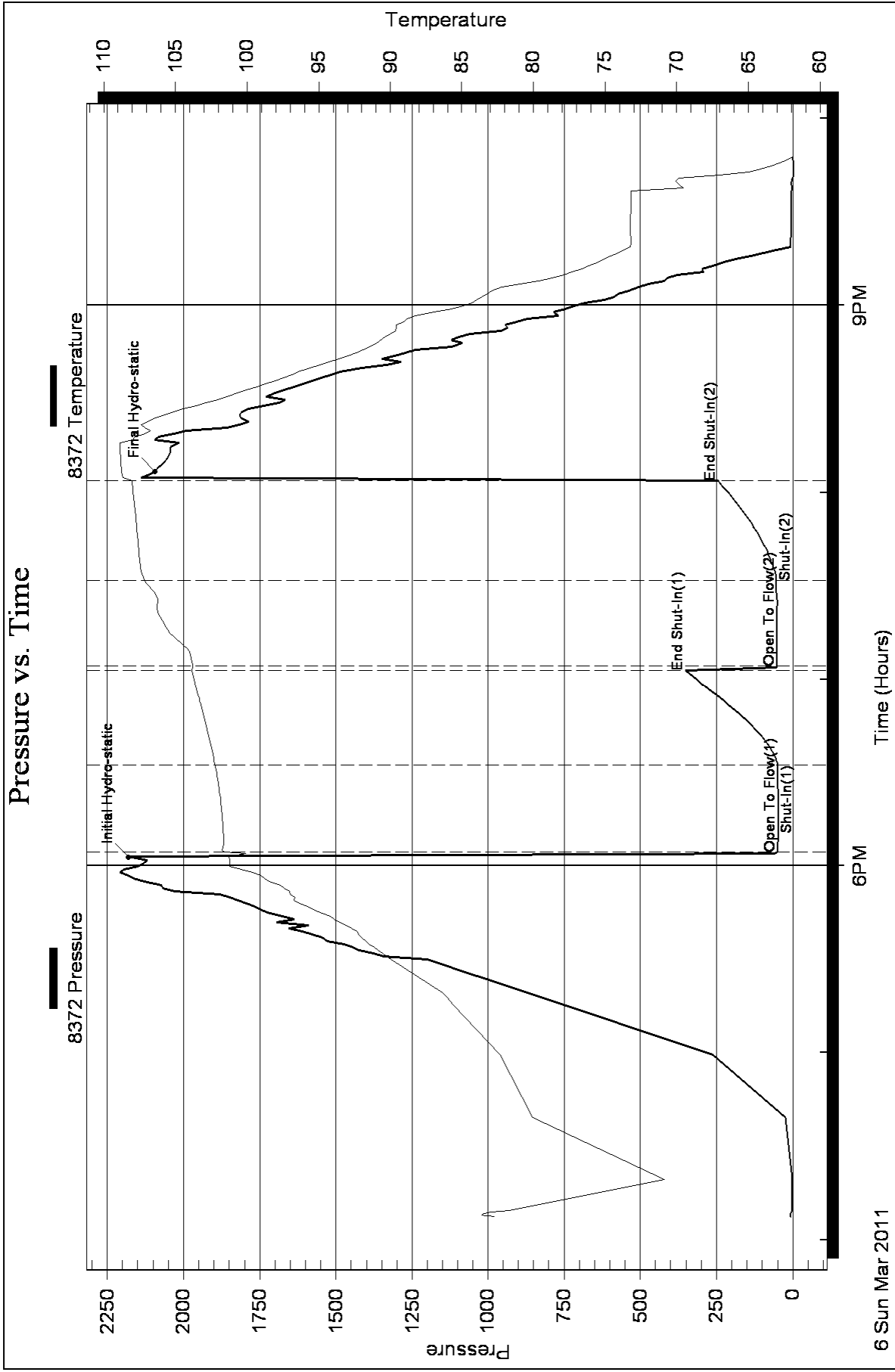
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 72.00 sec/qt	Cushion Volume: bbl		
Water Loss: 18.56 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 12000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

DNOC
 PO Box 1019
 Hays, KS 67601
 ATTN: Marc Downing

Franz Trust 1-19
19-20-20 Pawnee KS
 Job Ticket: 41795 **DST#: 3**
 Test Start: 2011.03.07 @ 13:09:04

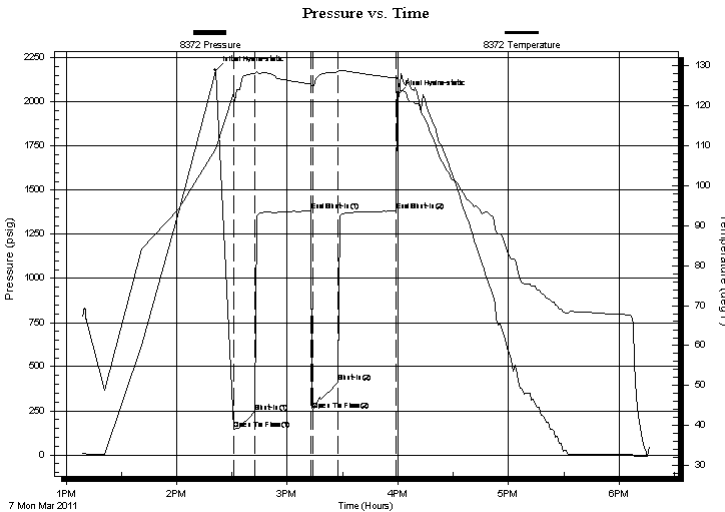
GENERAL INFORMATION:

Formation: **Miss (3)**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:31:03
 Time Test Ended: 18:16:33
 Interval: **4370.00 ft (KB) To 4390.00 ft (KB) (TVD)**
 Total Depth: 4485.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Straddle
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 2204.00 ft (KB)
 2196.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8372 Inside
 Press @ Run Depth: 409.59 psig @ 4375.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.03.07 End Date: 2011.03.07 Last Calib.: 2011.03.07
 Start Time: 13:09:04 End Time: 18:16:33 Time On Btm: 2011.03.07 @ 14:21:03
 Time Off Btm: 2011.03.07 @ 16:00:03

TEST COMMENT: IFP - BOB 3 min
 ISI - no blow back
 FFP - BOB 3 min
 FSI - no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2178.89	109.19	Initial Hydro-static
10	145.30	123.24	Open To Flow (1)
22	244.48	128.07	Shut-In(1)
52	1381.44	125.44	End Shut-In(1)
53	254.69	124.81	Open To Flow (2)
67	409.59	128.42	Shut-In(2)
98	1381.24	126.91	End Shut-In(2)
99	2043.10	126.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
885.00	MW 90%W, 10%M	12.13

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DNOC
PO Box 1019
Hays, KS 67601
ATTN: Marc Downing

Franz Trust 1-19
19-20-20 Pawnee KS
Job Ticket: 41795 **DST#: 3**
Test Start: 2011.03.07 @ 13:09:04

Mud and Cushion Information

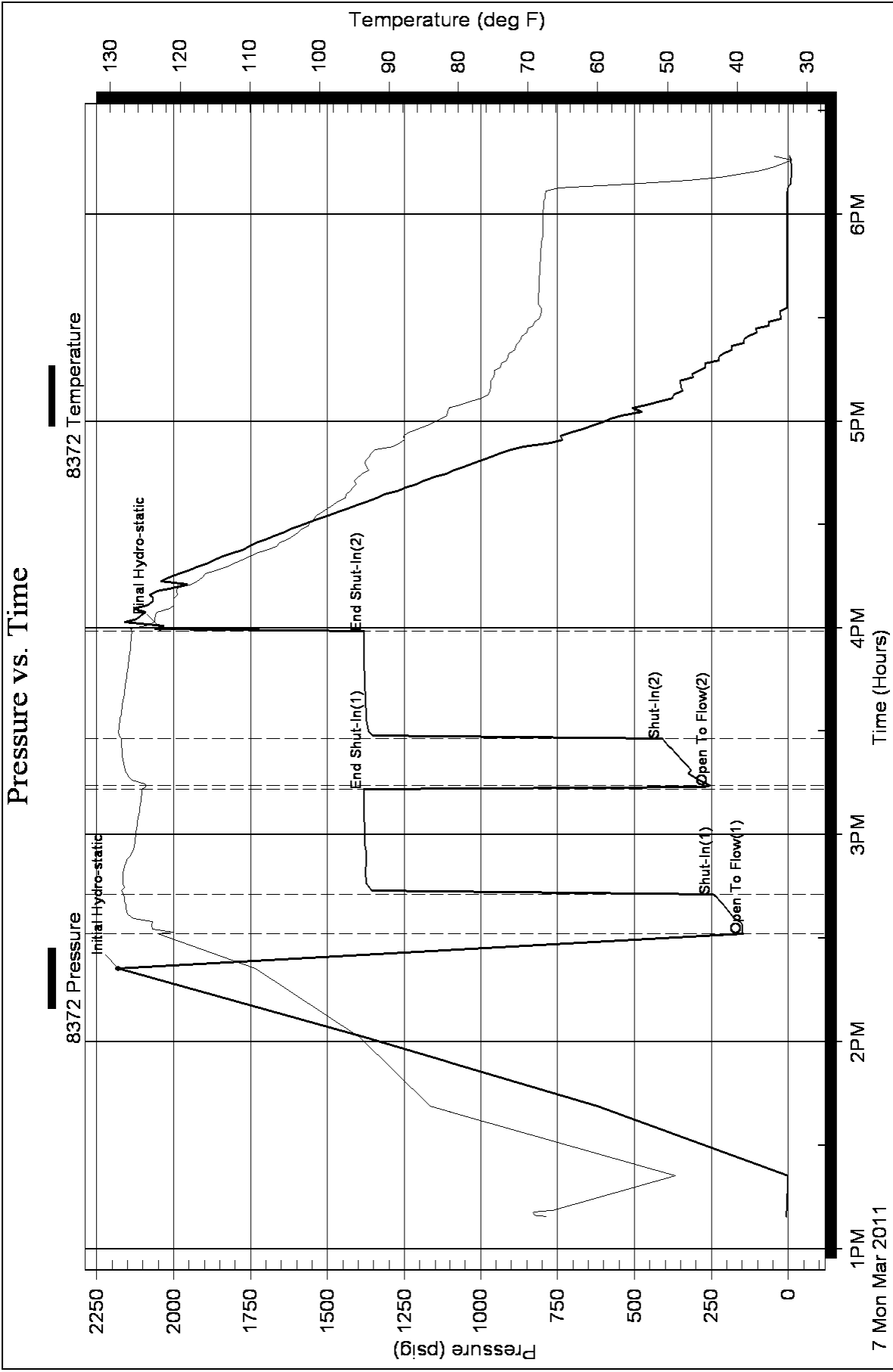
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	45000 ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7200.00 ppm			
Filter Cake: inches			

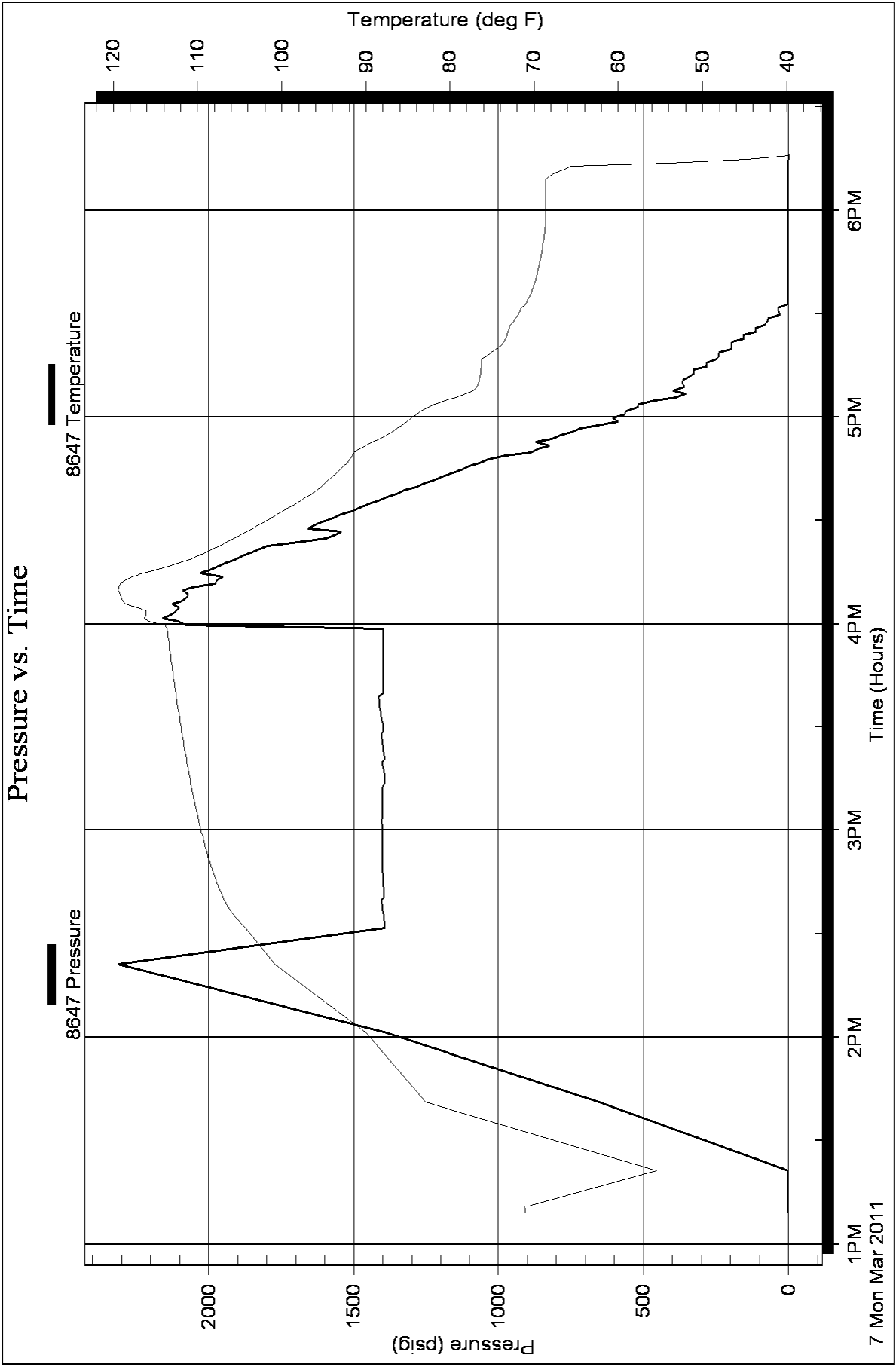
Recovery Information

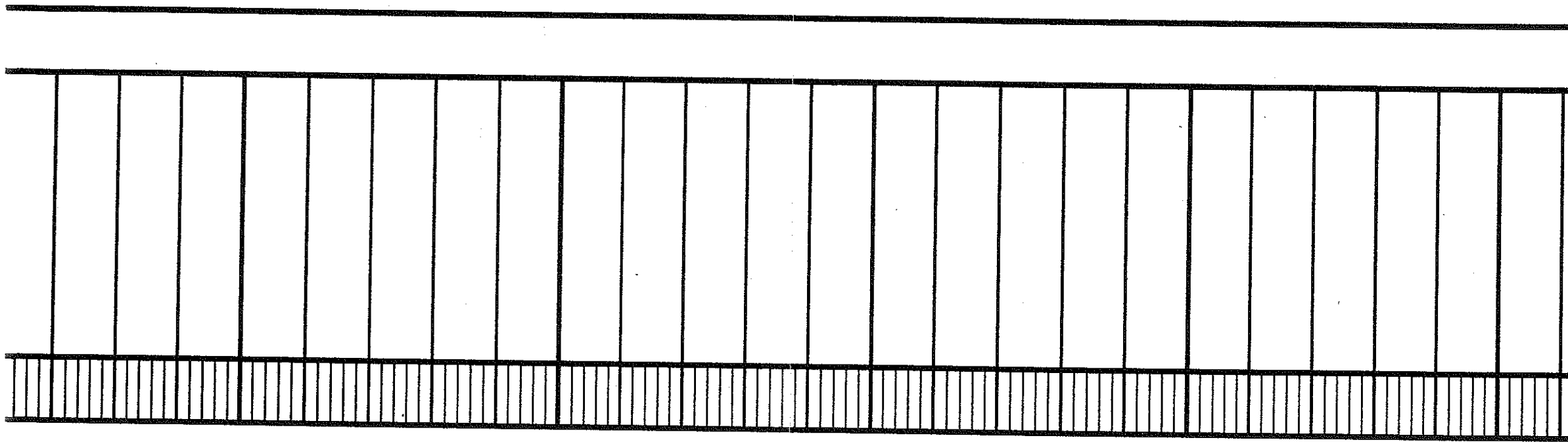
Recovery Table

Length ft	Description	Volume bbl
885.00	MW 90%W, 10%M	12.132

Total Length: 885.00 ft Total Volume: 12.132 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





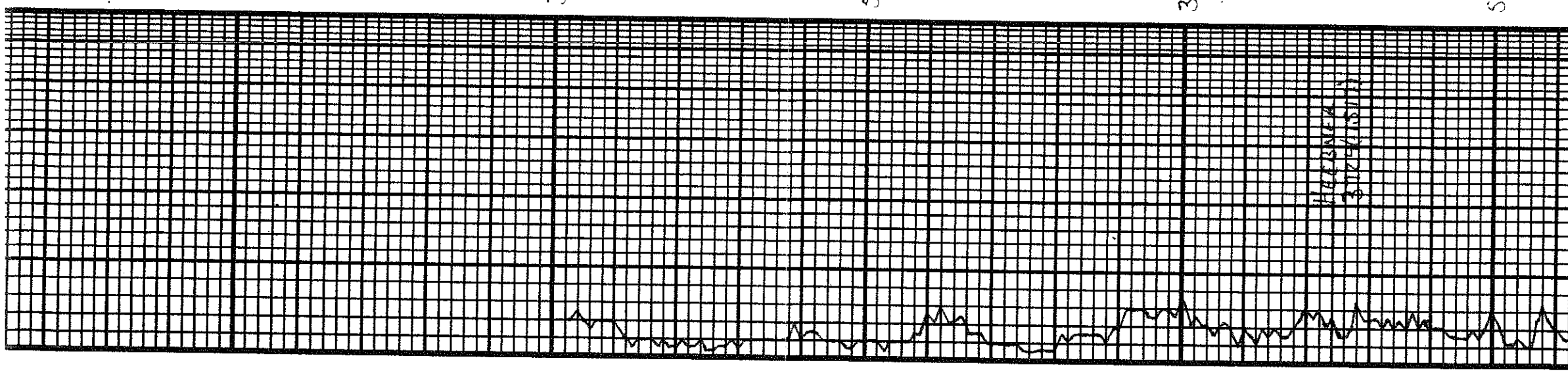


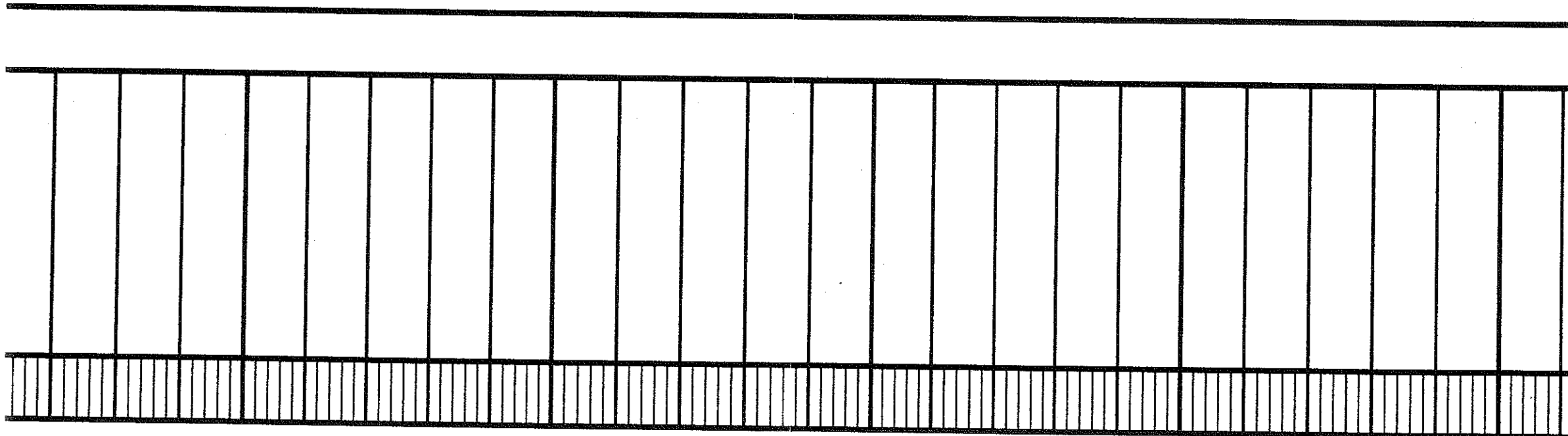
3600

50

3700

50





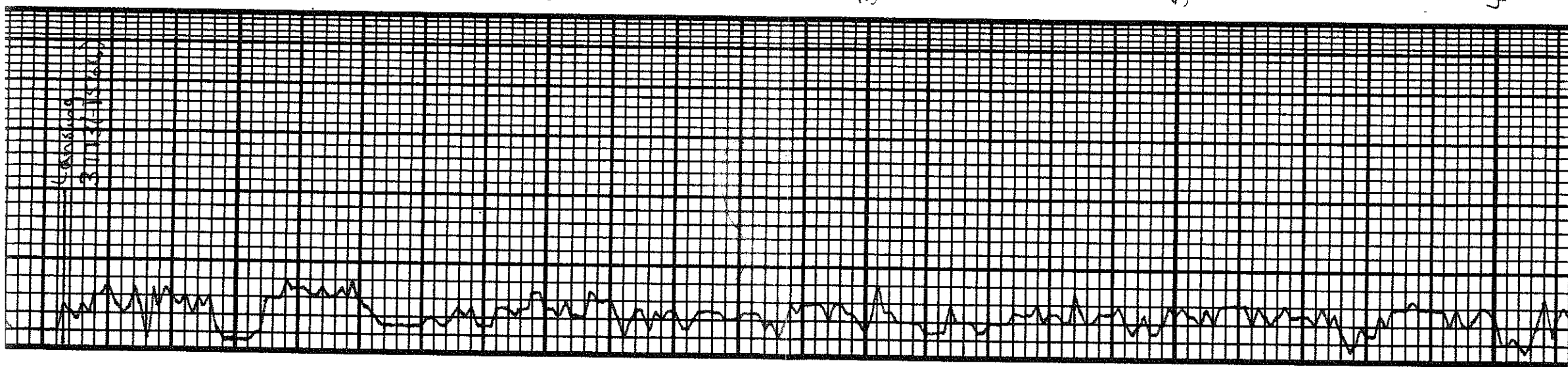
3800

50

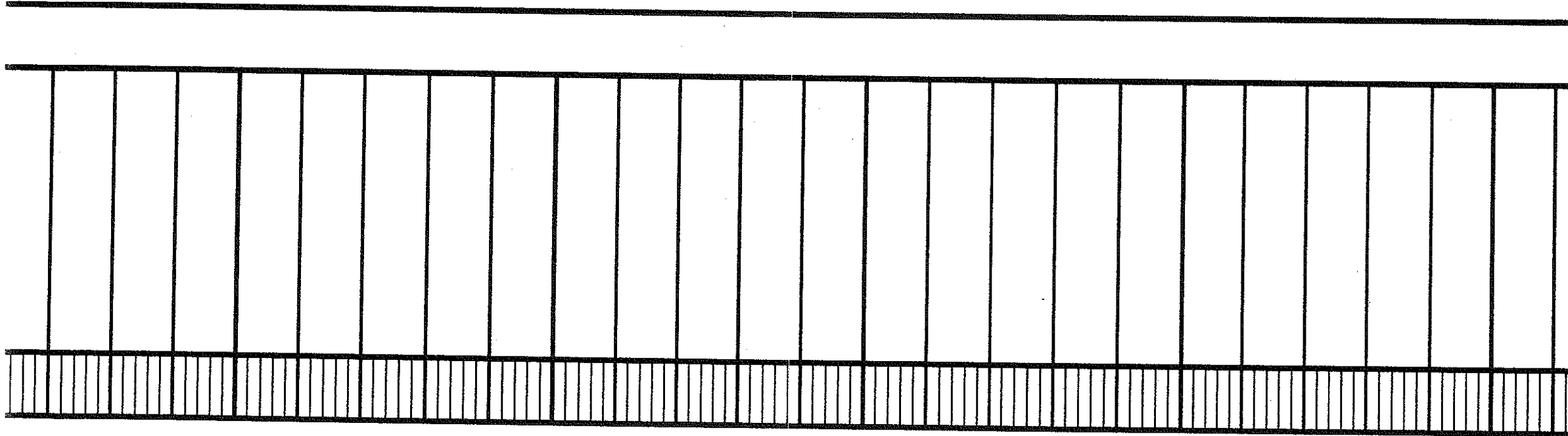
3900

50

4000



4000
3800



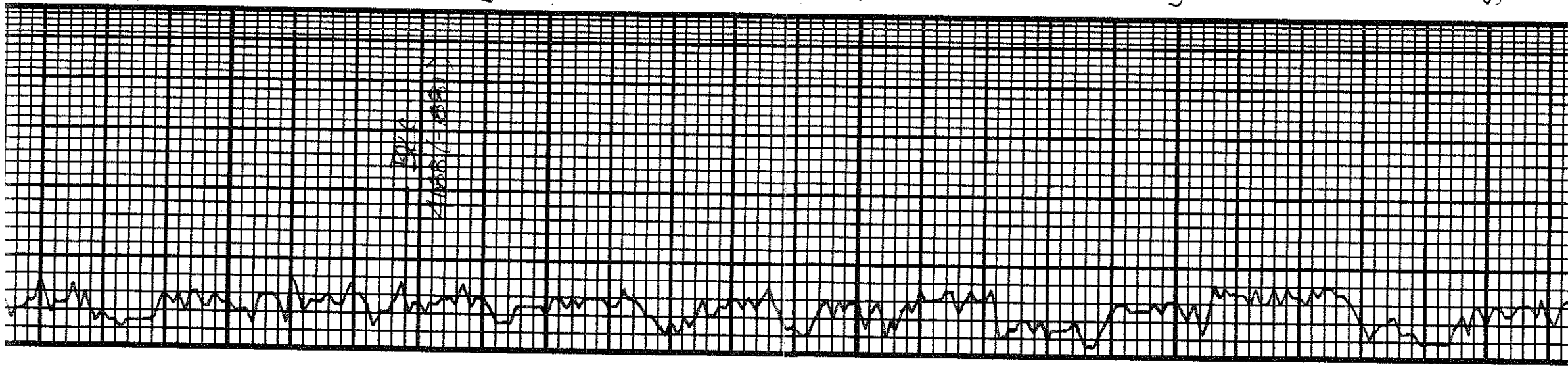
50

4160

50

4200

50



2024
21607-1050

1931501
1931502

1931503
1931504

1931505
1931506

1931507
1931508

1931509
1931510

1931511
1931512

4300

50

4400

50

LS: med. to fine, few foss.
mostly fine, sub-xhr
in part. Feat. pass. w/ pe. resid
str. NSFO, 14. Od.

Sh: Black Carb

Sh: gray

LS: tan, med. to fine, few foss.
fine

LS: tan, fine med. xhr, v. fine,
fine

Sh: brown

LS: tan, v. fine + fine, fine
SS clust, well cement, NS.

Sh: Brown

Feat. cl. ch. wh. fine in
part. Scot. fine, weather w/ for bon
str. r. sfo, 14 Od. Much lime
in 60 min. imp. - V. Shaly leas.

LS: Tan - fine to med. v. fine
w/ sfo - Feat. odor of str. fr.
amt 9 m. Shales w/ fine ls.

LS: dolomitic w/ to amt. act. ch.
VC. part str. no odor - v.
shaly

Sh: Tan - v. shaly. Part of
str. - No odor. Oxyg.

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

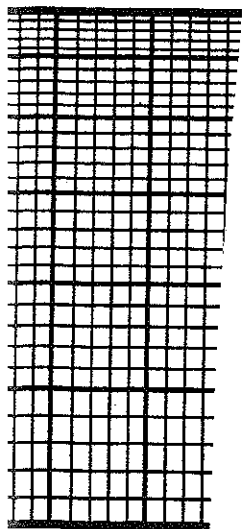
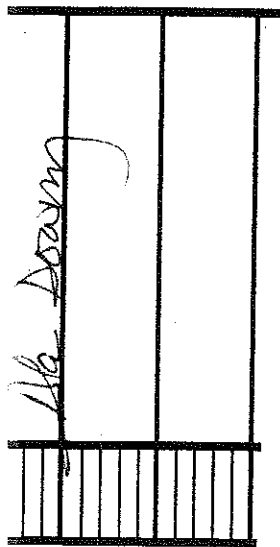
Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

Sh: Tan - Trip w/ Bone w/ht
act. sh. shaly

4





ALLIED CEMENTING CO., LLC. 038714

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

G-cent Bend KS

DATE <u>3-1-11</u> <i>front 2</i>	SEC. <u>19</u>	TWP. <u>20</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>530</u>	JOB FINISH <u>600 PM</u>
LEASE <u>Trust</u>	WELL # <u>1-19</u>	LOCATION <u>Alexander 11 South Tow RD</u>			COUNTY <u>Pawnee</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>2 west 4 south East into</u>				

CONTRACTOR Discovery Rig 4
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 1162
 CASING SIZE 8 3/4 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 500 MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 42.53
 PERFS.
 DISPLACEMENT 71.25 BBLS

OWNER Downing & Nelson
 CEMENT
 AMOUNT ORDERED 45004 CLASS A 3% cc + 2% Gel

EQUIPMENT
 PUMP TRUCK CEMENTER Wayne
 # 224 HELPER Bob-R
 BULK TRUCK
 # 344-170 DRIVER Gees
 BULK TRUCK
 # DRIVER

COMMON	<u>450</u>	@	<u>16.25</u>	<u>7312.50</u>
POZMIX		@		
GEL	<u>8</u>	@	<u>21.25</u>	<u>170.00</u>
CHLORIDE	<u>15</u>	@	<u>58.20</u>	<u>873.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>473</u>	@	<u>2.25</u>	<u>1064.25</u>
MILEAGE	<u>473 x 29 x .11</u>			<u>1508.87</u>
TOTAL				<u>10928.62</u>

REMARKS:

Pipe on Bottom Break circulation with Rig mud Shut Down
Hook up to cement line
Run 10 BBLS spacer fresh water
Mix 45004 Class A 3% cc + 2% Gel
Shut Down Release Plug
Displace 71.25 BBLS fresh water
Cement did circulate Rig Down
land Plug 500 PSI

SERVICE

DEPTH OF JOB	<u>1162</u>		
PUMP TRUCK CHARGE			<u>1925.00</u>
EXTRA FOOTAGE		@	
MILEAGE Heavy	<u>58</u>	@	<u>7.00</u> <u>406.00</u>
MANIFOLD		@	
Mileage light	<u>58</u>	@	<u>4.00</u> <u>232.00</u>
TOTAL <u>2563.00</u>			

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

PLUG & FLOAT EQUIPMENT

<u>1 Rubber Plug</u>	@	<u>74.00</u>	<u>74.00</u>
<u>1 8 3/8 Baffle Plate</u>	@	<u>67.20</u>	<u>67.20</u>
	@		

ALLIED CEMENTING CO., LLC. 038727

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend KS

DATE <u>3-7-11</u>	SEC. <u>19</u>	TWP. <u>20</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 am</u>	JOB FINISH <u>7:30 am</u>
LEASE <u>Frantz Trust</u> WELL # <u>1-19</u>		LOCATION <u>Alexander South to W Rd</u>		COUNTY <u>Pawnee</u>	STATE <u>KS</u>		
OLD OR NEW <input checked="" type="radio"/> (Circle one)		<u>2 west 1/4 south E into</u>					

CONTRACTOR Discovers Rig #4
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 0 8 1/2 I.D.
 CASING SIZE 8 5/8 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH 1200
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER Downing - Nelson Oil Co
 CEMENT
 AMOUNT ORDERED 170 sz 60/40 4% gel
1/4 flo seal

COMMON <u>107 sz</u>	@	<u>13.50</u>	<u>1377.00</u>
POZMIX <u>68 sz</u>	@	<u>7.55</u>	<u>513.40</u>
GEL <u>6</u>	@	<u>20.25</u>	<u>121.50</u>
CHLORIDE	@		
ASC	@		
<u>50 # flo seal</u>	@	<u>2.45</u>	<u>122.50</u>
	@		
	@		
	@		
	@		
	@		
	@		
HANDLING <u>178</u>	@	<u>2.25</u>	<u>400.50</u>
MILEAGE <u>178 x 30 x .10</u>			<u>534.00</u>
TOTAL			<u>3068.90</u>

EQUIPMENT

PUMP TRUCK CEMENTER Bobby Roller
 # 366 HELPER Cooley
 BULK TRUCK
 # 482-188 DRIVER Kewin W.
 BULK TRUCK
 # DRIVER

REMARKS:
1st plug 1200 ft 50 sz 5
2nd plug 450 ft 40 sz 5
3rd plug 600 ft 20 sz 5
Rathole 30 sz 5
Mouse hole 20 sz 5
Rig down

SERVICE

DEPTH OF JOB <u>1200</u>			
PUMP TRUCK CHARGE		<u>991.00</u>	
EXTRA FOOTAGE	@		
MILEAGE <u>30</u>	@	<u>7.00</u>	<u>210.00</u>
MANIFOLD	@		
<u>high truck mileage</u>	@	<u>4.00</u>	<u>NC</u>
	@		
TOTAL			<u>1201.00</u>

CHARGE TO: Downing - Nelson Oil Co.
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		

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