



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
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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: \_\_\_\_\_



1050597

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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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Vandenberg-Saxton Unit 1-18
Doc ID	1050597

All Electric Logs Run

Micro
Sonic
Dual Indcution
Compensted Porosity

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Vandenberg-Saxton Unit 1-18
Doc ID	1050597

Tops

Name	Top	Datum
Top Anhydrite	1404	+824
Base Anhydrite	1430	+798
Heebner	3721	-1493
LKC	3769	-1541
BKC	4077	-1849
Ft Scott	4264	-2036
Cherokee Shale	4279	-2051
Mississippi	4334	-2106
Osage	4634	-2136



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co Inc

**Vandenberg-Saxton #1-18**

P O Box 372  
Hays Ks 67601-0372

**18-20s-20w Pawnee**

Job Ticket: 41027

**DST#: 1**

ATTN: Ron Nelson

Test Start: 2010.11.04 @ 10:41:20

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:27:15

Time Test Ended: 16:24:44

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

**Interval: 4297.00 ft (KB) To 4347.00 ft (KB) (TVD)**

Reference Elevations: 2229.00 ft (KB)

Total Depth: 4347.00 ft (KB) (TVD)

2221.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6625 Inside**

Press @ RunDepth: 49.98 psig @ 4330.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.04

End Date:

2010.11.04

Last Calib.: 2010.11.04

Start Time: 10:41:20

End Time:

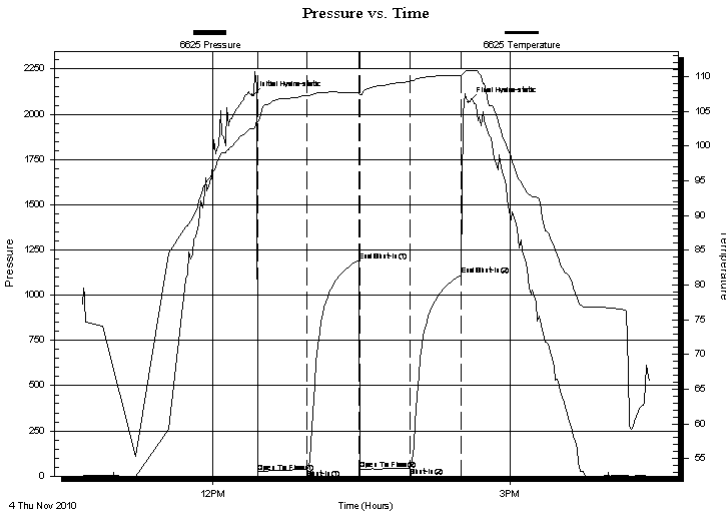
16:24:44

Time On Btm: 2010.11.04 @ 12:24:15

Time Off Btm: 2010.11.04 @ 14:35:15

TEST COMMENT: IFP-w k bl 1/4"to 1"bl  
ISIP-no bl  
FFP-surface to 1/4"bl  
FSIP-no bl

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2103.67	102.54	Initial Hydro-static
3	22.27	103.45	Open To Flow (1)
33	35.78	107.22	Shut-In(1)
65	1191.50	107.76	End Shut-In(1)
65	38.78	107.46	Open To Flow (2)
96	49.98	109.37	Shut-In(2)
127	1110.57	110.18	End Shut-In(2)
131	2068.73	110.90	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	MG05%G40%M55%O	0.64

## Gas Rates

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



**TRILOBITE**  
**TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Dow ning-Nelson Oil Co Inc

**Vandenberg-Saxton #1-18**

P O Box 372  
Hays Ks 67601-0372

**18-20s-20w Pawnee**

Job Ticket: 41027      **DST#: 1**

ATTN: Ron Nelson

Test Start: 2010.11.04 @ 10:41:20

## 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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

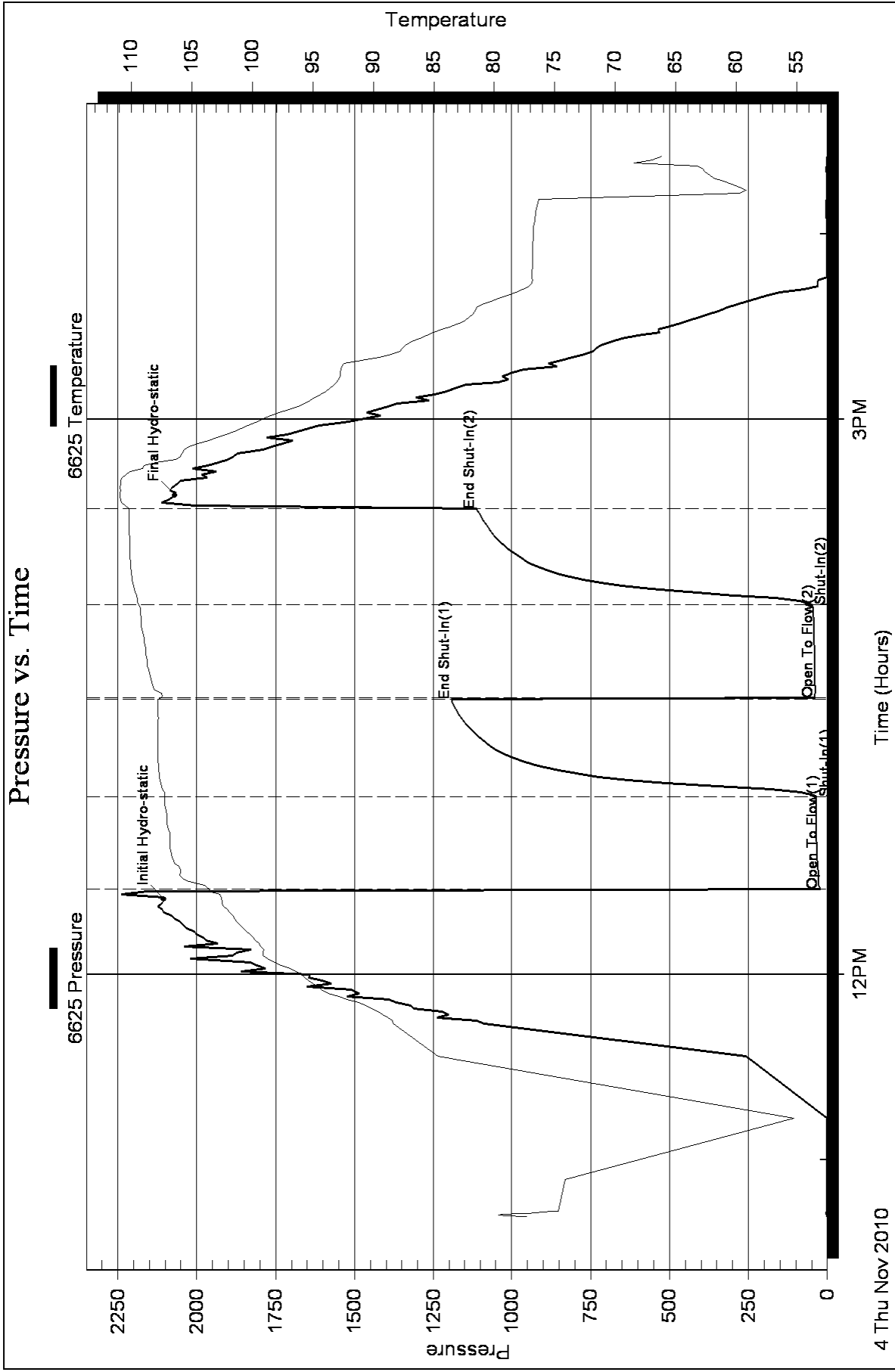
Length ft	Description	Volume bbl
65.00	MGo5%G40%M55%O	0.638

Total Length: 65.00 ft      Total Volume: 0.638 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co Inc

**Vandenberg-Saxton #1-18**

P O Box 372  
Hays Ks 67601-0372

**18-20s-20w Pawnee**

ATTN: Ron Nelson

Job Ticket: 41028

**DST#: 2**

Test Start: 2010.11.04 @ 22:13:28

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:13:53

Time Test Ended: 04:13:52

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

**Interval: 4343.00 ft (KB) To 4354.00 ft (KB) (TVD)**

Reference Elevations: 2229.00 ft (KB)

Total Depth: 4354.00 ft (KB) (TVD)

2221.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6625 Inside**

Press @RunDepth: 39.02 psig @ 4348.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.04

End Date:

2010.11.05

Last Calib.: 2010.11.05

Start Time: 22:13:28

End Time:

04:13:52

Time On Btm: 2010.11.05 @ 00:11:23

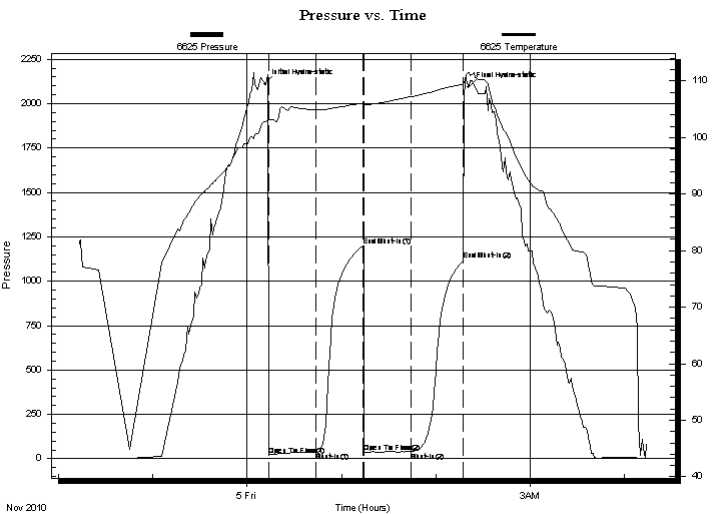
Time Off Btm: 2010.11.05 @ 02:20:53

TEST COMMENT: IFP-w k bl 1/4"to 3/4"bl

ISIP-no bl

FFP-surface bl

FSIP-no bl



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2110.39	102.79	Initial Hydro-static
3	21.27	103.18	Open To Flow (1)
33	37.56	104.85	Shut-In(1)
62	1197.51	106.09	End Shut-In(1)
63	34.80	105.80	Open To Flow (2)
93	39.02	107.22	Shut-In(2)
126	1118.80	109.46	End Shut-In(2)
130	2095.49	111.50	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
45.00	HOCM 20% O80%M	0.36

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Dow ning-Nelson Oil Co Inc

**Vandenberg-Saxton #1-18**

P O Box 372  
Hays Ks 67601-0372

**18-20s-20w Pawnee**

Job Ticket: 41028      **DST#: 2**

ATTN: Ron Nelson

Test Start: 2010.11.04 @ 22:13:28

## 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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.73 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

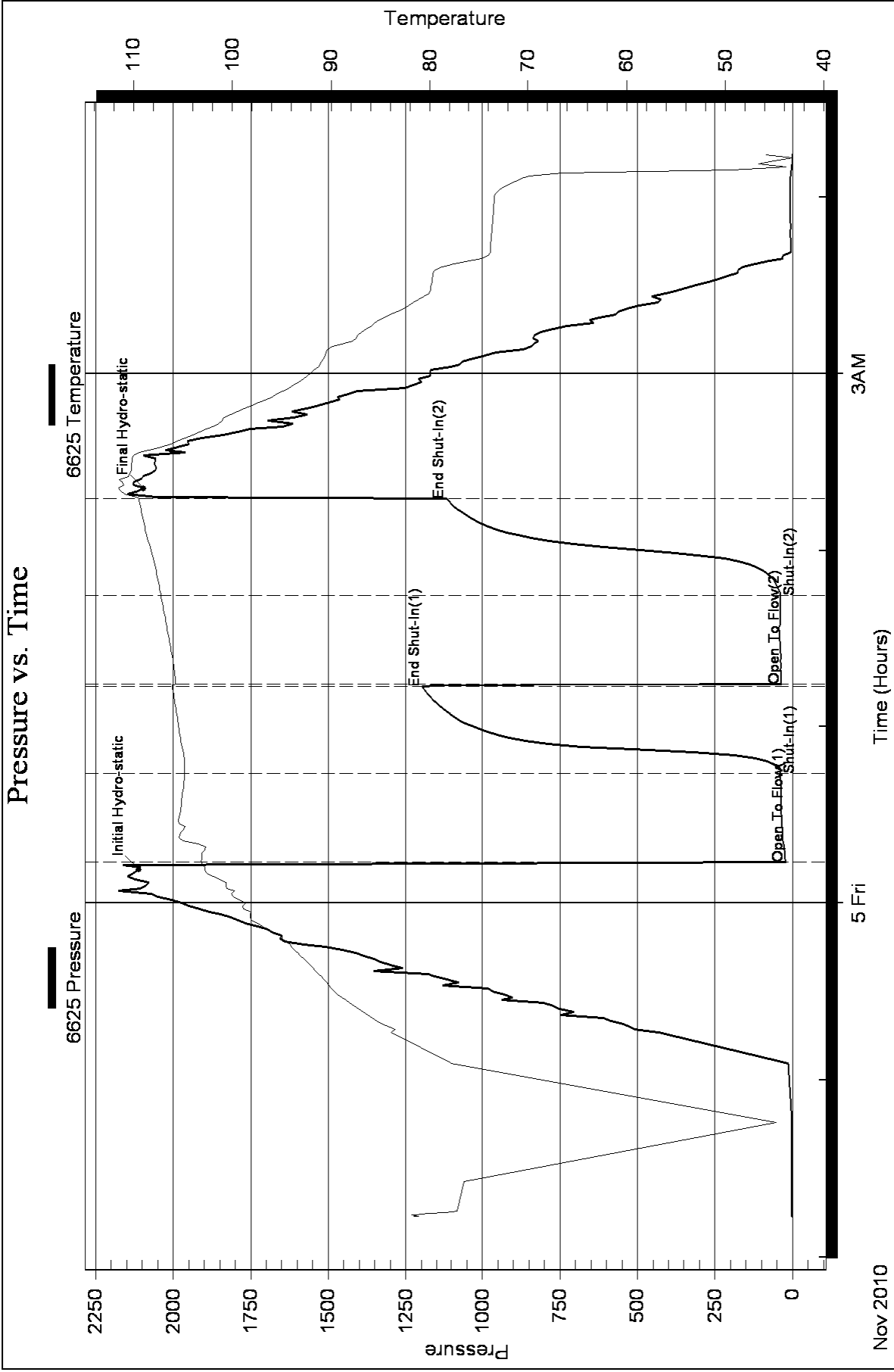
Length ft	Description	Volume bbl
45.00	HOCM 20% O 80% M	0.358

Total Length: 45.00 ft      Total Volume: 0.358 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co Inc

**Vandenberg-Saxton #1-18**

P O Box 372  
Hays Ks 67601-0372

**18-20s-20w Pawnee**

ATTN: Ron Nelson

Job Ticket: 41029

**DST#: 3**

Test Start: 2010.11.05 @ 10:18:58

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:24:53

Time Test Ended: 18:04:22

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

**Interval: 4352.00 ft (KB) To 4368.00 ft (KB) (TVD)**

Reference Elevations: 2229.00 ft (KB)

Total Depth: 4368.00 ft (KB) (TVD)

2221.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6625 Inside**

Press @ Run Depth: 185.28 psig @ 4353.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.05

End Date:

2010.11.05

Last Calib.:

2010.11.05

Start Time: 10:18:58

End Time:

18:04:22

Time On Btm:

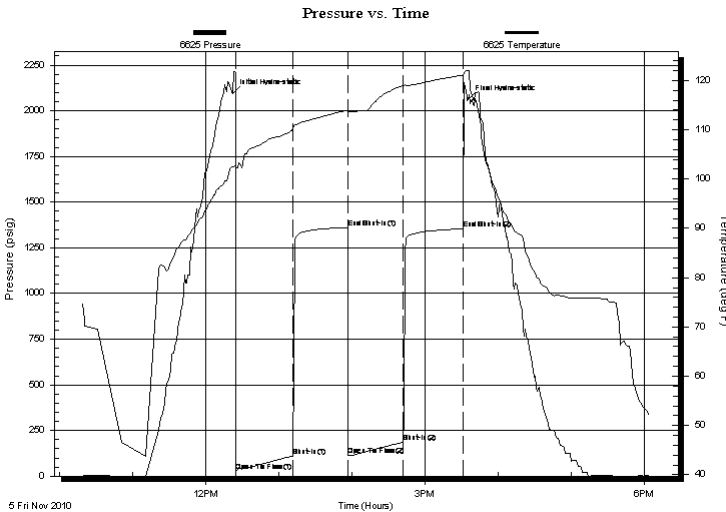
2010.11.05 @ 12:22:23

Time Off Btm:

2010.11.05 @ 15:35:22

**TEST COMMENT:** IFP-w k to strg in 19 min  
ISIP-1"bl bk  
FFP-w k to strg in 35 min  
FSIP-1"bl bk

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.59	102.49	Initial Hydro-static
3	28.07	102.32	Open To Flow (1)
49	110.18	110.20	Shut-In(1)
94	1360.79	113.98	End Shut-In(1)
95	114.25	113.72	Open To Flow (2)
140	185.28	118.94	Shut-In(2)
189	1353.70	121.07	End Shut-In(2)
193	2061.69	122.05	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	465'GIP	0.00
95.00	MGO 10%G30%M60%O	1.06
372.00	CO	5.22

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Downing-Nelson Oil Co Inc

**Vandenberg-Saxton #1-18**

P O Box 372  
Hays Ks 67601-0372

**18-20s-20w Pawnee**

Job Ticket: 41029 **DST#: 3**

ATTN: Ron Nelson

Test Start: 2010.11.05 @ 10:18:58

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1600.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

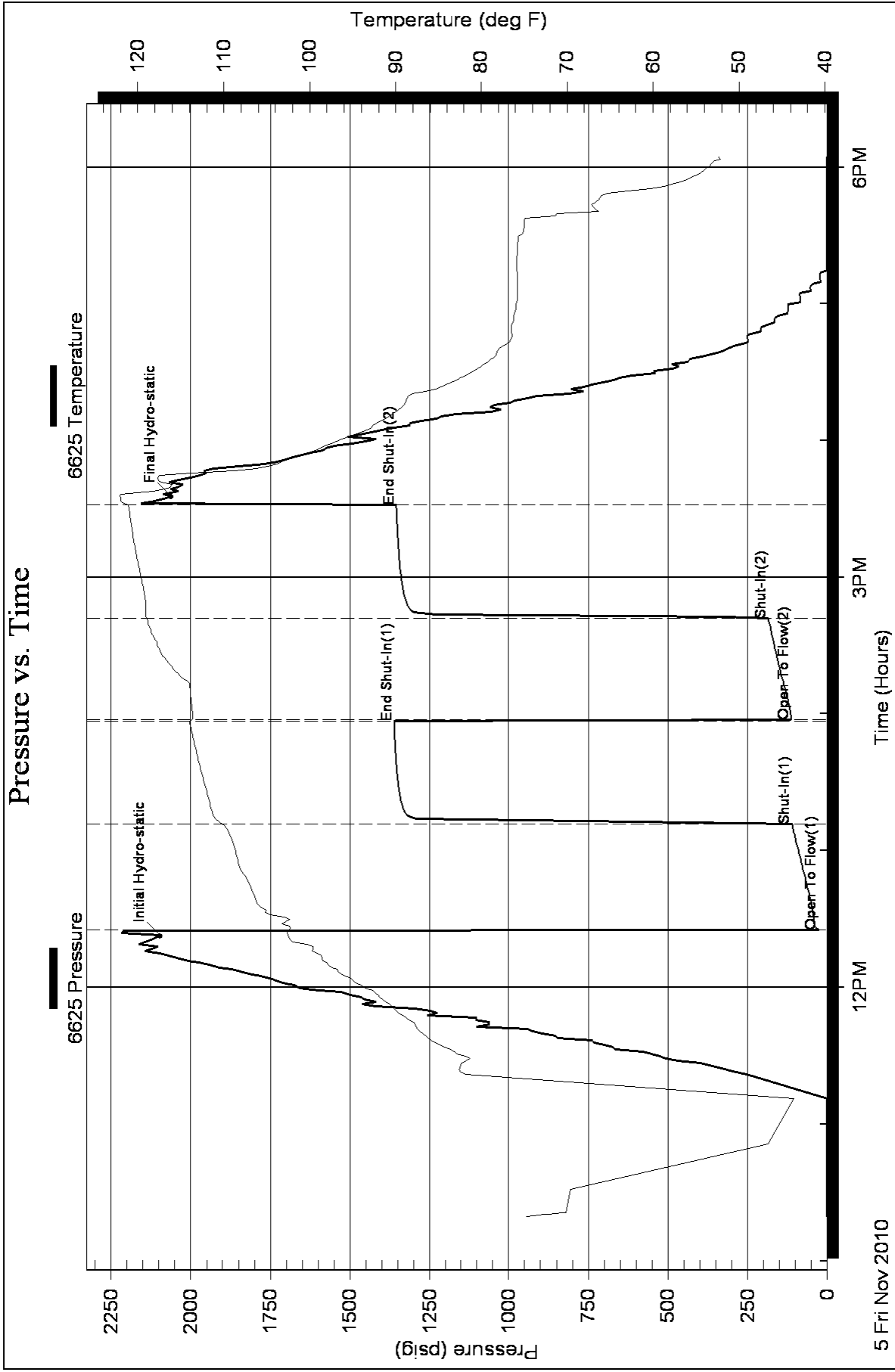
Length ft	Description	Volume bbl
0.00	465'GIP	0.000
95.00	MGO 10%G30%M60%O	1.059
372.00	CO	5.218

Total Length: 467.00 ft Total Volume: 6.277 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





## DRILL STEM TESTS

No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IHH-FHH	RECOVERY

REMARKS AND RECOMMENDATIONS

Perforat RWK section of Miss before  
Abandonment (DST #1 + #2)

7515

### LEGEND

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

REMARKS	OIL SHOWS	SAMPLE DESCRIPTIONS														
LITHOLOGY																
DEPTH																
DRILLING TIME IN MINUTES PER FOOT	Rate of Penetration Decreases	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;">5"</td> <td style="width: 20px;">10"</td> <td style="width: 20px;">15"</td> <td style="width: 20px;">20"</td> <td style="width: 20px;">25"</td> </tr> <tr> <td colspan="5" style="background-color: #cccccc;"> <div style="text-align: center; margin-top: 5px;"> </div> </td> </tr> </table>					5"	10"	15"	20"	25"	<div style="text-align: center; margin-top: 5px;"> </div>				
5"	10"	15"	20"	25"												
<div style="text-align: center; margin-top: 5px;"> </div>																

LOG 7710

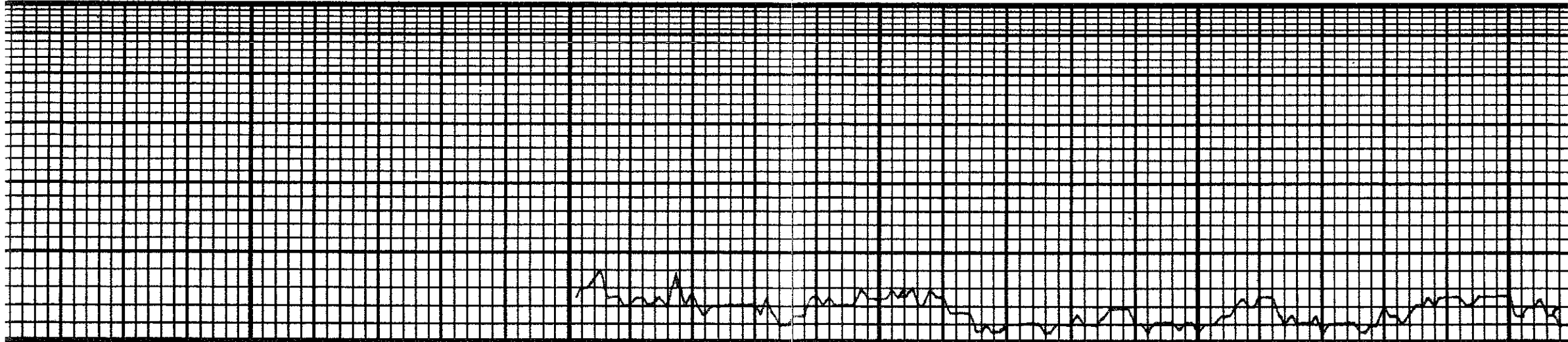


3550

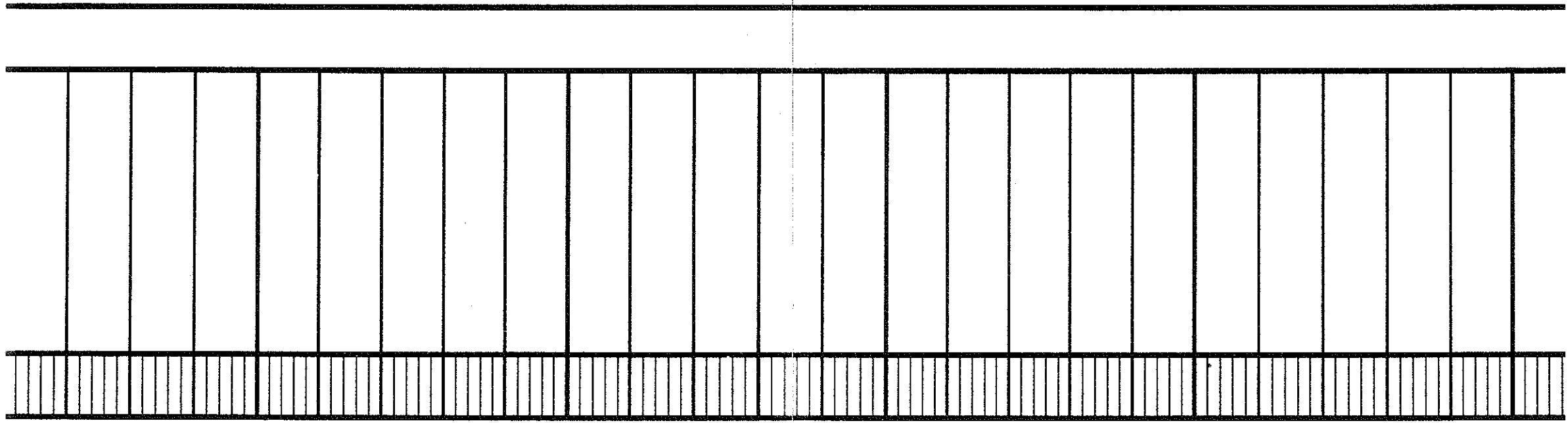
3600

50

3700







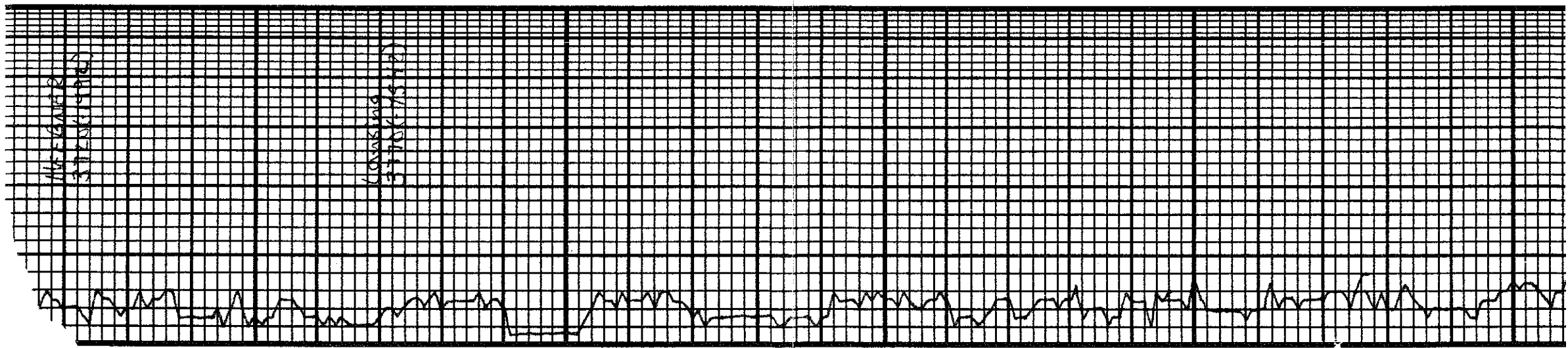
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3800

50

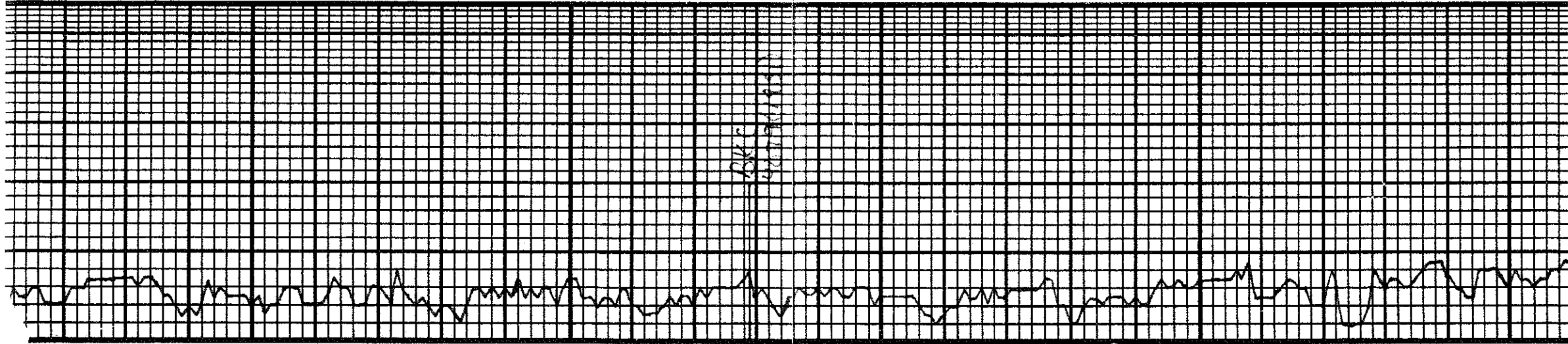
3900

50



UNFLEXIBLE  
STRESSING

LOADING  
3-170 (175)



4000

50

4000

4100

50

4200

												Sh: Black C sub
												Sh: [unclear]
												prp, sub xlr in prt.
												Sh: tom w/ dark red.
												LS: wht, v fu xlr, v dms.
												Sh: AIA
												LS: wht - 11 tom, fu xlr,
												prp. All v dms NS
												w/ No Od.
												Sh: grey
												LS: tom, v fu xlr, v dms
												Sh: grey
												LS: wht, v fu xlr, v dms.
												Seat sub xlr. NS
												Sh: grey w/ same dex
												gg t dex red
												Sh: lt gg
												LS: wht - tom, fu - mid
												xlr, v dms, No vis x
												Sh: gg
												LS: tom - tom, mid xlr, trig
												v fu - mid xlr. All dms
												w/ No vis x. Seat Fass.



# ALLIED CEMENTING CO., LLC.

30133

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <u>10/31/10</u>	SEC. <u>18</u>	TWP. <u>20</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>1:15 P.M.</u>	JOB FINISH <u>1:45 P.M.</u>
LEASE <u>Vandenberg</u>	WELL# <u>1-18</u>	LOCATION <u>Rush Center 5th County line</u>			COUNTY <u>Pawnee</u>	STATE <u>Ks.</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>25 to rd x 14w 1/2 S winter</u>				

CONTRACTOR Discovery Drilling Rig #4

TYPE OF JOB Surface Seal

HOLE SIZE 12 1/8 T.D. 394

CASING SIZE 8 5/8 DEPTH 394.33

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 24.15 bbl

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 225 Con 31cc 226.1

EQUIPMENT

PUMP TRUCK CEMENTER Shane

# 417 HELPER Heath

BULK TRUCK

# 473-187 DRIVER Ron D.

BULK TRUCK

# DRIVER

COMMON	<u>225</u>	@	<u>13.50</u>	<u>3037.50</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>20.25</u>	<u>81.00</u>
CHLORIDE	<u>8</u>	@	<u>51.50</u>	<u>412.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>225</u>	@	<u>2.25</u>	<u>506.25</u>
MILEAGE	<u>110.516</u>			<u>562.50</u>
				TOTAL <u>4599.25</u>

REMARKS:

Ran 9 hrs 55% + Landig J1

Est Circulation

Mixed 225 sts.

Cement Circulate

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>991.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>25</u>	@	<u>7.00</u>	<u>175.00</u>
MANIFOLD		@		
		@		
		@		
				TOTAL <u>1166.00</u>

CHARGE TO: Downing Nelson

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

		@		
		@		
	<u>8 5/8 wood plug</u>	@		<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

*Thanks!*

# ALLIED CEMENTING CO., LLC.

30133

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <u>10/31/10</u>	SEC. <u>18</u>	TWP. <u>20</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>1:15 P.-</u>	JOB FINISH <u>1:45 P.-</u>
LEASE <u>Vandenberg</u>	WELL# <u>1-18</u>	LOCATION <u>Rush Center 5th County line</u>			COUNTY <u>Pawnee</u>	STATE <u>Ks.</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>25 to rd x 14w 1/2 S winto</u>				

CONTRACTOR Discovery Drilling Rig #4

TYPE OF JOB Surface Seal

HOLE SIZE 12 1/8 T.D. 394

CASING SIZE 8 5/8 DEPTH 394.33

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 24.15 bbl

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 225 Con 31cc 226.1

EQUIPMENT

PUMP TRUCK CEMENTER Shane

# 417 HELPER Heath

BULK TRUCK

# 473-187 DRIVER Ron D.

BULK TRUCK

# DRIVER

COMMON	<u>225</u>	@	<u>13.50</u>	<u>3037.50</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>20.25</u>	<u>81.00</u>
CHLORIDE	<u>8</u>	@	<u>51.50</u>	<u>412.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>225</u>	@	<u>2.25</u>	<u>506.25</u>
MILEAGE	<u>110.516</u>			<u>562.50</u>
				TOTAL <u>4599.25</u>

REMARKS:

Ran 9 hrs 55% + Landig J1

Est Circulation

Mixed 225 sts.

Cement Circulate

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>991.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>25</u>	@	<u>7.00</u>	<u>175.00</u>
MANIFOLD		@		
		@		
		@		
				TOTAL <u>1166.00</u>

CHARGE TO: Downing Nelson

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

		@		
		@		
	<u>8 5/8 wood plug</u>	@		<u>N-C</u>
		@		
		@		

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