Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1070750

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5046
Name: Raymond Oil Company, Inc.
Address 1: PO BOX 48788
Address 2:
City: WICHITA State: KS Zip: 67202 + 1822
Contact Person: Ted McHenry
Phone: (316) 267-4214
CONTRACTOR: License # 6039
Name: L. D. Drilling, Inc.
Wellsite Geologist: Kim Shoemaker
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
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

9/14/2011	9/26/2011	10/18/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-193-20820-00-00
Spot Description:
SW SW NW SE Sec. 32 Twp. 9 S. R. 34 ☐ East ☑ West
1520 Feet from ☐ North / ☑ South Line of Section
2510 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Thomas
Lease Name: Theimer/Werner Well #: 1
Field Name:
Producing Formation: Jn Zone
Elevation: Ground: 3282 Kelly Bushing: 3285
Total Vertical Depth: 4950 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 302 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 2864 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: 6500 ppm Fluid volume: 600 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

☑ **Confidentiality Requested**
Date: 12/23/2011
☑ **Confidential Release Date:** 12/22/2013
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 12/27/2011

[redacted] 1070750

Operator Name: Raymond Oil Company, Inc. Lease Name: Theimer/Werner Well #: 1

Sec. 32 Twp. 9 S. R. 34 ☐ East ☑ West County: Thomas

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

List All E. Logs Run:

Dual Induc
Micro
Density/Neutron

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

Name	Top	Datum
B/Anhy	2850	+436
Heeb	4161	-876
Stark	4338	-1053
Miss	4833	-1548

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	17.75	13.375	30	302	Common	300	3%cc,2% gel
Production	7.875	4.5	10.5	4930	60/40 pozmix	225	7.5%Salt,2% gel
2nd Stage	7.875	4.5	10.5	4930	60/50 pozmix	775	8%gel,1/2#floseal

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	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

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

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

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:

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

DRILL STEM TEST REPORT

Raymond Oil Company

P.O. Box 48788
Wichita, KS 67202

ATTN: Kim Shoemarker

32-9s-34w Thomas Ks

Theimer Werner #1

Job Ticket: 43699 **DST#: 1**

Test Start: 2011.09.21 @ 17:26:52

GENERAL INFORMATION:

Formation: **LKC 140**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:47:07
Time Test Ended: 01:11:07

Test Type: Conventional Bottom Hole (Initial)
Tester: Brandon Turley
Unit No: 35

Interval: 4336.00 ft (KB) To 4372.00 ft (KB) (TVD)
Total Depth: 4372.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

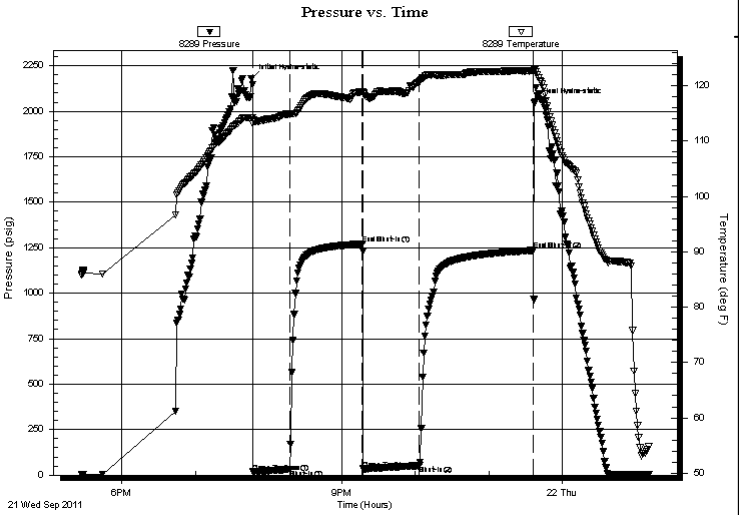
Reference Elevations: 3285.00 ft (KB)
3280.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8289

Press@RunDepth: 52.37 psig @ ft (KB)
Start Date: 2011.09.21 End Date: 2011.09.22
Start Time: 17:26:57 End Time: 01:11:06

Capacity: 8000.00 psig
Last Calib.: 2011.09.22
Time On Btm: 2011.09.21 @ 19:45:52
Time Off Btm: 2011.09.21 @ 23:37:22

TEST COMMENT: IF: 1/4 blow built to 3 in 30 min.
IS: No return.
FF: Surface blow built to 3 in 45 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2177.89	114.21	Initial Hydro-static
2	17.93	113.19	Open To Flow (1)
31	32.20	114.86	Shut-In(1)
91	1271.01	118.94	End Shut-In(1)
92	33.97	118.63	Open To Flow (2)
138	52.37	120.74	Shut-In(2)
231	1235.27	122.71	End Shut-In(2)
232	2046.88	122.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	w cm 40%w 60%m	0.87
10.00	mcw 60%w 40%m	0.14

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Company

P.O. Box 48788
Wichita, KS 67202

ATTN: Kim Shoemarker

32-9s-34w Thomas Ks

Theimer Werner #1

Job Ticket: 43699 **DST#: 1**

Test Start: 2011.09.21 @ 17:26:52

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	34000 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.39 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3400.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	w cm 40%w 60%m	0.870
10.00	mcw 60%w 40%m	0.140

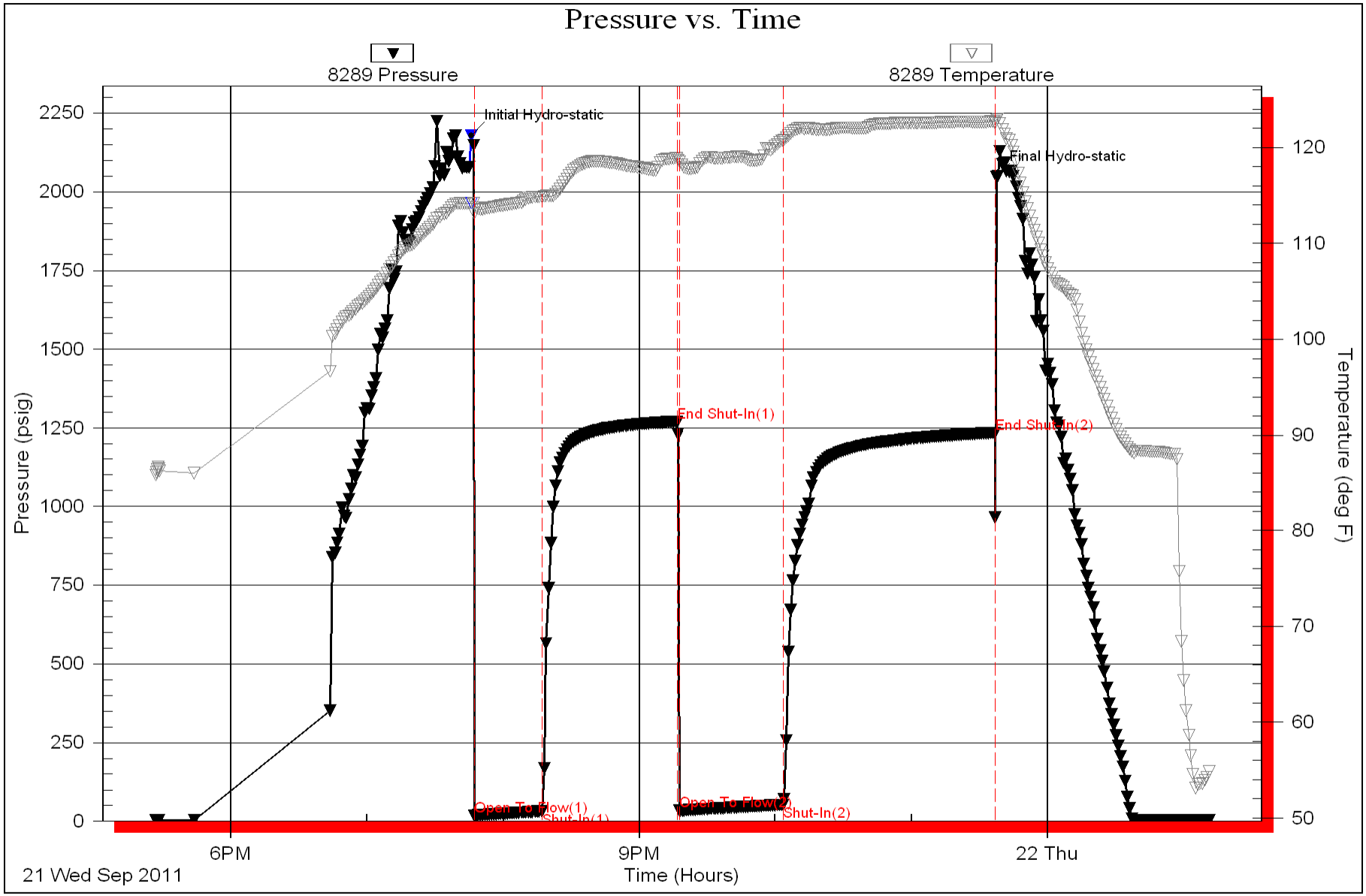
Total Length: 72.00 ft Total Volume: 1.010 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: .29@50=34000

Serial #: 8289 | Raymond Oil Company | Theimer Werner #1 | DST Test Number: 1



Trilobite Testing, Inc | Ref. No: 43699 | Printed: 2011.09.22 @ 08:45:11

DRILL STEM TEST REPORT

Raymond Oil Company

P.O. Box 48788
Wichita, KS 67202

ATTN: Kim Shoemarker

32-9s-34w Thomas Ks

Theimer Werner #1

Job Ticket: 43700 **DST#: 2**

Test Start: 2011.09.22 @ 09:17:48

GENERAL INFORMATION:

Formation: **LKC 160**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:15:13
Time Test Ended: 16:32:42

Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 35

Interval: **ft (KB) To** **ft (KB) (TVD)**
Total Depth: 4404.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

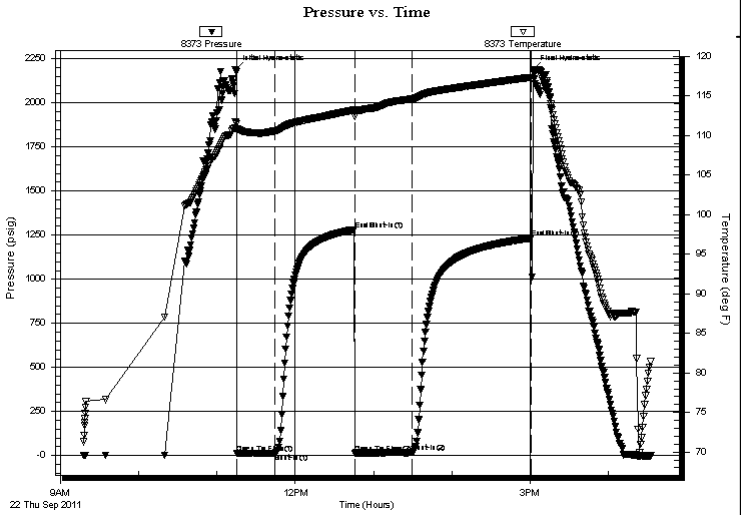
Reference Elevations: 3285.00 ft (KB)
3280.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8373 **Inside**

Press@RunDepth: 16.92 psig @ 4375.00 ft (KB)
Start Date: 2011.09.22 End Date: 2011.09.22
Start Time: 09:17:48 End Time: 16:32:42

Capacity: 8000.00 psig
Last Calib.: 2011.09.22
Time On Btm: 2011.09.22 @ 11:13:58
Time Off Btm: 2011.09.22 @ 15:02:12

TEST COMMENT: IF: Surface blow died in 12 min.
IS: No return.
FF: Surface blow never built and never died.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2187.51	111.73	Initial Hydro-static
2	11.88	110.73	Open To Flow (1)
31	14.73	110.60	Shut-In(1)
92	1281.85	113.24	End Shut-In(1)
92	14.65	112.39	Open To Flow (2)
136	16.92	114.63	Shut-In(2)
227	1233.56	117.37	End Shut-In(2)
229	2190.07	118.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%m	0.14

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Company

P.O. Box 48788
Wichita, KS 67202

ATTN: Kim Shoemarker

32-9s-34w Thomas Ks

Theimer Werner #1

Job Ticket: 43700 **DST#: 2**

Test Start: 2011.09.22 @ 09:17:48

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4400.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

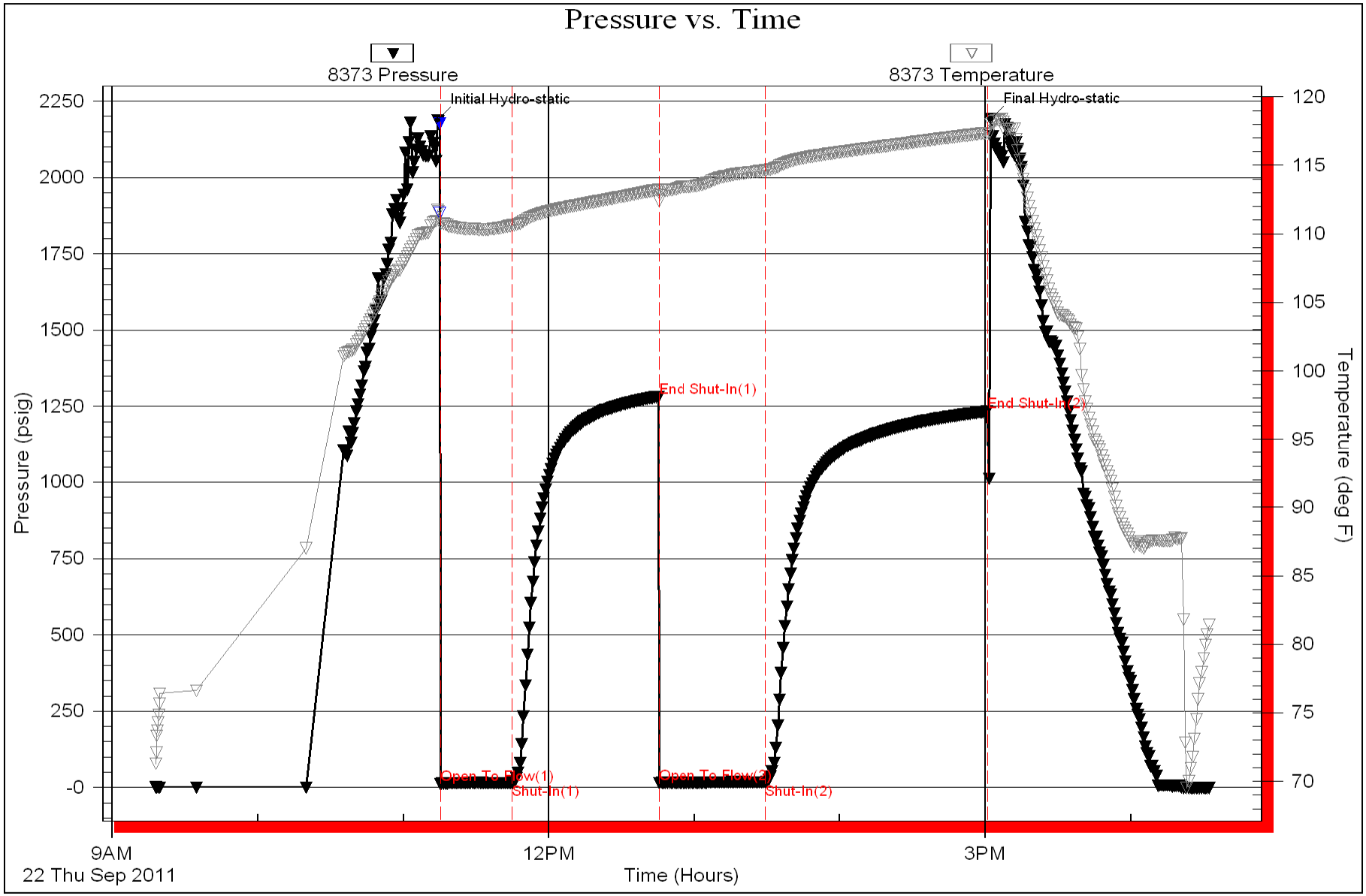
Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

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

Serial #: 8373 **Inside** Raymond Oil Company Theimer Werner #1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 43700 Printed: 2011.09.22 @ 16:53:13

DRILL STEM TEST REPORT

Raymond Oil Company

P.O. Box 48788
Wichita, KS 67202

ATTN: Kim Shoemarker

32-9s-34w Thomas Ks

Theimer Werner #1

Job Ticket: 43826 **DST#: 3**

Test Start: 2011.09.23 @ 03:37:51

GENERAL INFORMATION:

Formation: **LKC 220**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:26:46
Time Test Ended: 11:57:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 35

Interval: **ft (KB) To** **ft (KB) (TVD)**
Total Depth: 4475.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

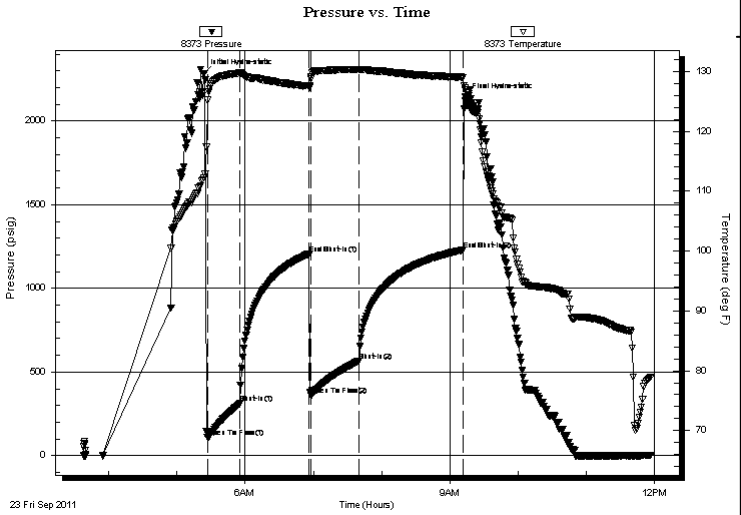
Reference Elevations: 3285.00 ft (KB)
3280.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8373 **Inside**

Press@RunDepth: 565.14 psig @ 4451.00 ft (KB)
Start Date: 2011.09.23 End Date: 2011.09.23
Start Time: 03:37:51 End Time: 11:57:30

Capacity: 8000.00 psig
Last Calib.: 2011.09.23
Time On Btm: 2011.09.23 @ 05:23:46
Time Off Btm: 2011.09.23 @ 09:13:15

TEST COMMENT: IF: BOB in 2 min.
IS: Surface blow built to a 1/4 in 60 min.
FF: BOB in 3 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2282.71	112.24	Initial Hydro-static
3	110.80	125.18	Open To Flow (1)
32	310.57	129.71	Shut-In(1)
93	1206.26	127.55	End Shut-In(1)
94	358.68	128.74	Open To Flow (2)
136	565.14	130.31	Shut-In(2)
229	1229.63	128.99	End Shut-In(2)
230	2142.27	127.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	w ater 100%w	4.35
372.00	ocmw 5%o 75%w 20%m	5.22
372.00	ocmw 10%o 50%w 40%m	5.22
124.00	gocw m 10%g 20%o 30%w 40%m	1.74

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Company

P.O. Box 48788
Wichita, KS 67202

ATTN: Kim Shoemarker

32-9s-34w Thomas Ks

Theimer Werner #1

Job Ticket: 43826 **DST#: 3**

Test Start: 2011.09.23 @ 03:37:51

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	53000 ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4400.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	w ater 100%w	4.348
372.00	ocmw 5%o 75%w 20%m	5.218
372.00	ocmw 10%o 50%w 40%m	5.218
124.00	gocw m 10%g 20%o 30%w 40%m	1.739

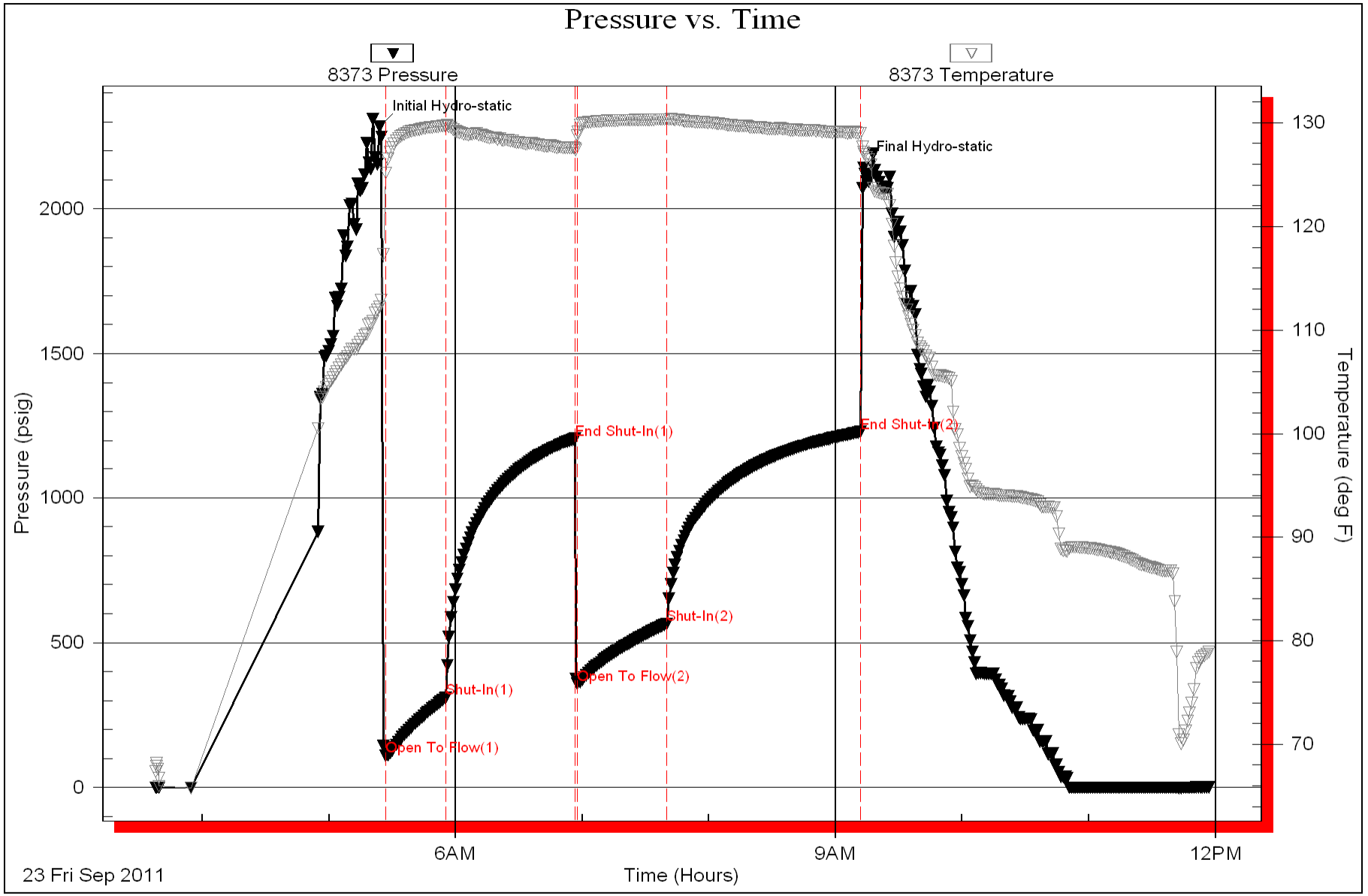
Total Length: 1178.00 ft Total Volume: 16.523 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: .16@63=53000

Serial #: 8373 **Inside** Raymond Oil Company Theimer Werner #1 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 43826 Printed: 2011.09.23 @ 12:15:49

DRILL STEM TEST REPORT

Raymond Oil Company

P.O. Box 48788
Wichita, KS 67202

ATTN: Kim Shoemarker

32-9s-34w Thomas Ks

Theimer Werner #1

Job Ticket: 43827 **DST#: 4**

Test Start: 2011.09.24 @ 19:15:40

GENERAL INFORMATION:

Formation: **Ft. Scott Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:03:35
Time Test Ended: 02:35:04

Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 35

Interval: **ft (KB) To** **ft (KB) (TVD)**
Total Depth: 4727.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

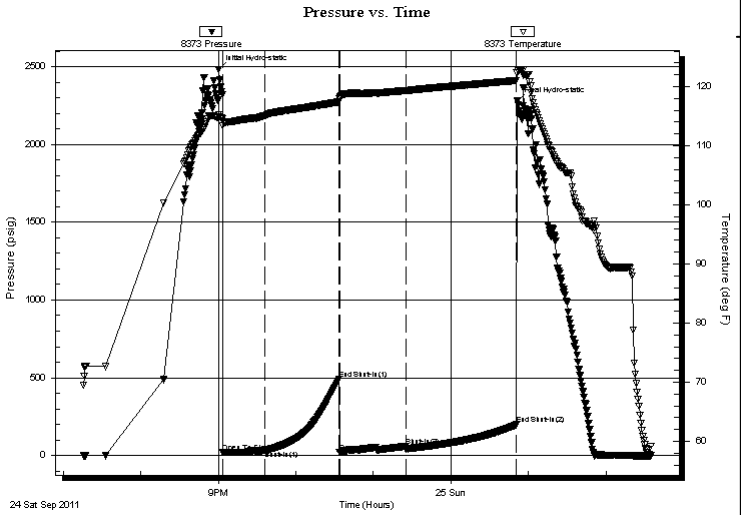
Reference Elevations: 3285.00 ft (KB)
3280.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8373 **Inside**

Press@RunDepth: 60.74 psig @ 4638.00 ft (KB)
Start Date: 2011.09.24 End Date: 2011.09.25
Start Time: 19:15:40 End Time: 02:35:04

Capacity: 8000.00 psig
Last Calib.: 2011.09.25
Time On Btm: 2011.09.24 @ 21:00:20
Time Off Btm: 2011.09.25 @ 00:51:04

TEST COMMENT: IF: Surface blow died in 15 min.
IS: No return.
FF: No blow .
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2482.77	115.24	Initial Hydro-static
4	19.88	113.35	Open To Flow (1)
36	35.62	115.07	Shut-In(1)
93	489.98	117.40	End Shut-In(1)
94	20.86	118.07	Open To Flow (2)
145	60.74	119.33	Shut-In(2)
230	198.15	121.01	End Shut-In(2)
231	2277.79	122.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud oil spots 100%m	0.14

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Company

P.O. Box 48788
Wichita, KS 67202

ATTN: Kim Shoemarker

32-9s-34w Thomas Ks

Theimer Werner #1

Job Ticket: 43827 **DST#: 4**

Test Start: 2011.09.24 @ 19:15:40

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	64.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.38 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7200.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

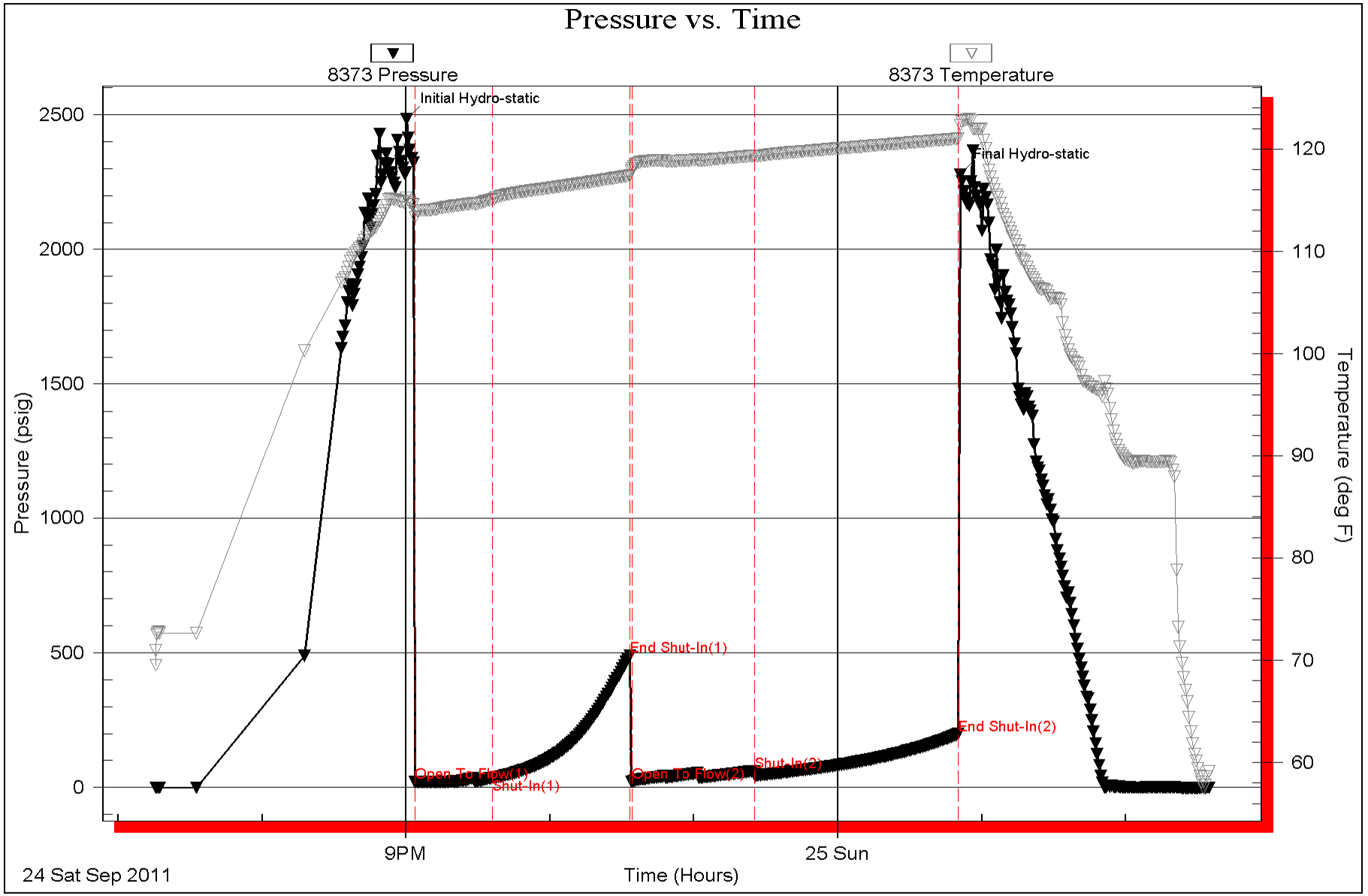
Recovery Table

Length ft	Description	Volume bbl
10.00	mud oil spots 100%m	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

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

Serial #: 8373 **Inside** Raymond Oil Company Theimer Werner #1 DST Test Number: 4



Trilobite Testing, Inc Ref. No: 43827 Printed: 2011.09.25 @ 11:15:49

DRILL STEM TEST REPORT

Raymond Oil Company

P.O. Box 48788
Wichita, KS 67202

ATTN: Kim Shoemarker

32-9s-34w Thomas Ks

Theimer Werner #1

Job Ticket: 43828 **DST#: 5**

Test Start: 2011.09.25 @ 18:13:19

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:46:58
Time Test Ended: 03:51:27

Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 35

Interval: **ft (KB) To** **ft (KB) (TVD)**
Total Depth: 4757.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

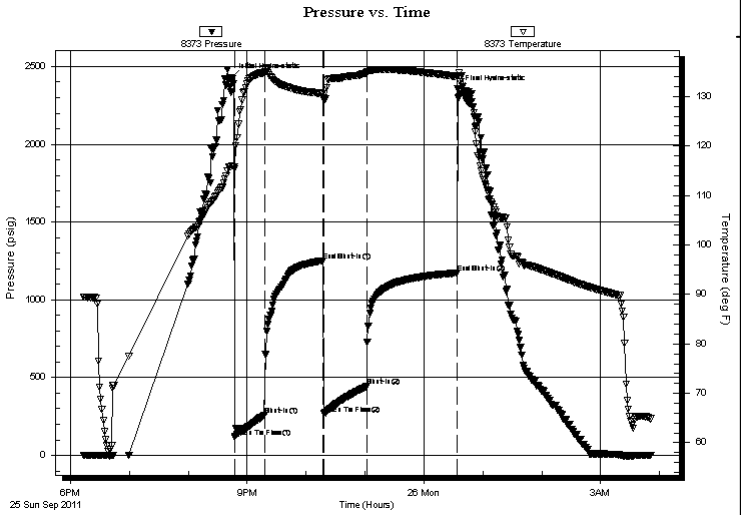
Reference Elevations: 3285.00 ft (KB)
3280.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8373 **Inside**

Press@RunDepth: 443.02 psig @ 4726.00 ft (KB)
Start Date: 2011.09.25 End Date: 2011.09.26
Start Time: 18:13:19 End Time: 03:51:28

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2011.09.25 @ 20:44:27
Time Off Btm: 2011.09.26 @ 00:34:27

TEST COMMENT: IF: BOB in 4 min.
IS: Surface blow BOB in 50 min.
FF: BOB in 8 min.
FS:BOB in 26 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2427.77	115.99	Initial Hydro-static
3	116.13	115.40	Open To Flow (1)
34	259.92	134.81	Shut-In(1)
93	1251.63	130.52	End Shut-In(1)
94	266.41	129.77	Open To Flow (2)
138	443.02	134.80	Shut-In(2)
229	1172.22	134.02	End Shut-In(2)
230	2353.87	134.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocmw 10%o 70%w 20%m	0.87
186.00	mw co 65%o 20%w 15%m	2.61
620.00	mcgo 30%g 60%o 10%m	8.70
186.00	mcgo 20%g 70%o 10%m	2.61
0.00	682 GIP	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Company

P.O. Box 48788
Wichita, KS 67202

ATTN: Kim Shoemarker

32-9s-34w Thomas Ks

Theimer Werner #1

Job Ticket: 43828 **DST#: 5**

Test Start: 2011.09.25 @ 18:13:19

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	26 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	28000 ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.57 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7400.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	ocmw 10%o 70%w 20%m	0.870
186.00	mw co 65%o 20%w 15%m	2.609
620.00	mcgo 30%g 60%o 10%m	8.697
186.00	mcgo 20%g 70%o 10%m	2.609
0.00	682 GIP	0.000

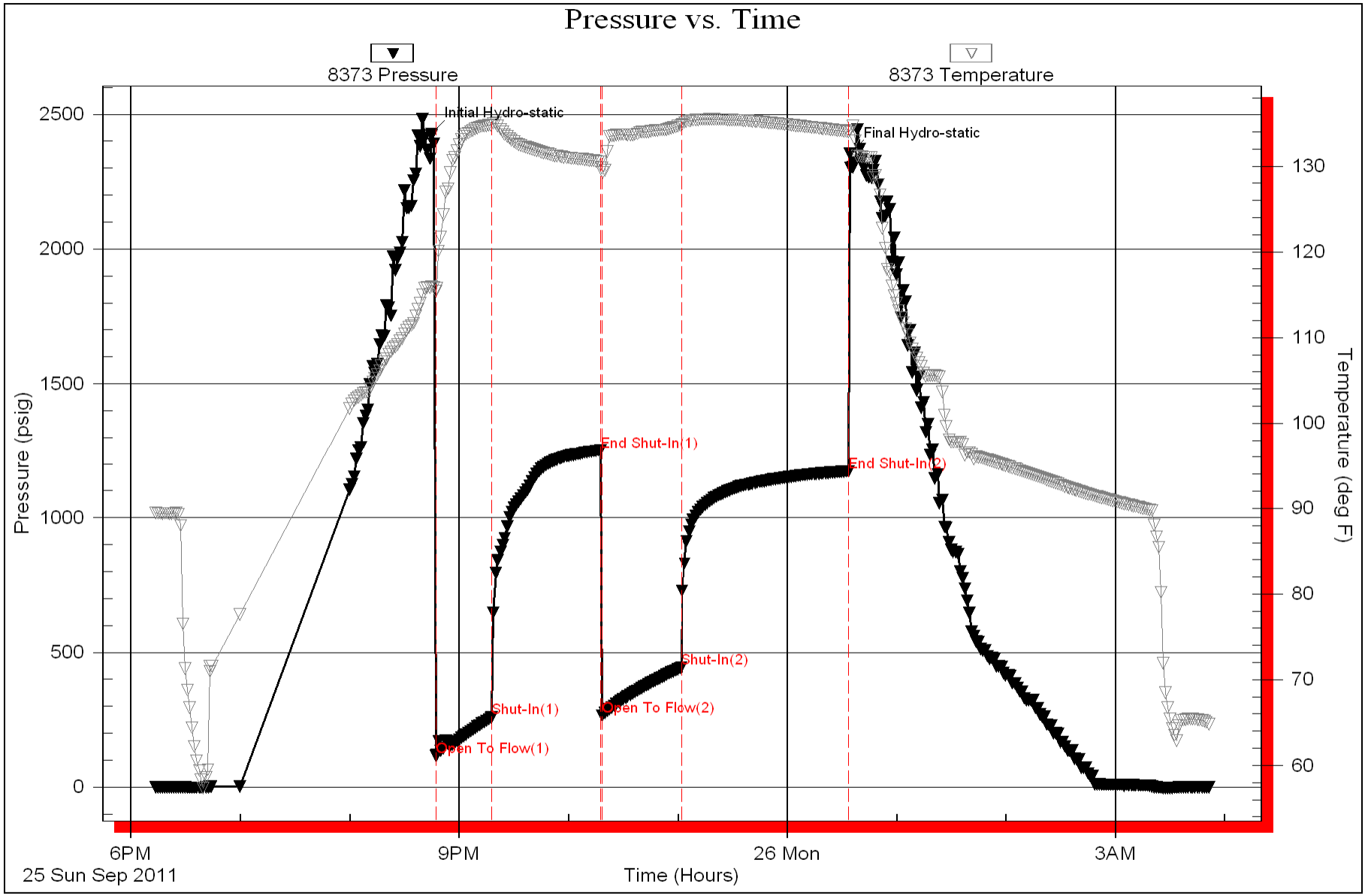
Total Length: 1054.00 ft Total Volume: 14.785 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: 27@70=26
.24@70=28000

Serial #: 8373 **Inside** Raymond Oil Company Theimer Werner #1 DST Test Number: 5



Trilobite Testing, Inc Ref. No: 43828 Printed: 2011.09.26 @ 08:53:25

CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 28266
LOCATION Oakley Ks
FOREMAN Kelly Gable
Walt Dinkel

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-27-11	7158	Theimer-Werner #1	32	9S	34W	Thomas

CUSTOMER: Raymond Oil Co, Inc
MAILING ADDRESS:
CITY: STATE: ZIP CODE:

TRUCK #	DRIVER	TRUCK #	DRIVER
399	miles Shaw		
460	Cody Roots		
528-T127	Damin Miller		
486-T129	Cecil Parker		

JOB TYPE Prod-O-DV HOLE SIZE 9⅞-7⅞ HOLE DEPTH 4950' CASING SIZE & WEIGHT 4½ - 10½#
CASING DEPTH DRILL PIPE TUBING OTHER DV @ 2864
SLURRY WEIGHT 14.2-12.5 SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 42'
DISPLACEMENT DISPLACEMENT PSI MIX PSI RATE 6 BPM

REMARKS: Safety Meeting, run Float Equip Cent #1-3-5-7-11 - 48-80, Basket on 48-80 DV Tool @ 48 Baskets on 48-80, on bottom circ 20 min, mixed 225 sks 60/40 poz, 7½% Salt, 2% Gel, Clear Pump + Lines, release Plug & Displaced 33 BBL water 46½ BBL mud @ 650#, Landed Plug @ 1000 psi, release Pressure, Float Held, open DV Tool, break circ, mix 30 sks in hole, mix 745 - sks 60/40 poz, 8% Gel ¼# Flo Seal, release Plug & Disp 45½ BBL H2O @ 900#, Landed Plug @ 1700#, release Pressure, Tool Held Cement Did Circ

Thank You
Kelly + Crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401P	1	PUMP CHARGE	2950.00	2950.00
5406	20	MILEAGE	5.00	100.00
1131	225 SKS	60/40 poz (Bottom Stage)	14.35	3,228.75
1131	775 SKS	60/40 poz (Top Stage)	14.35	11,121.25
1111	800 #	Salt	.42	336.00
1118B	5722 #	Bentonite Gel	.24	1,373.28
1107	194 #	Flo Seal	2.66	516.04
5407A	43.	Ton Mileage Delivery	1.58	1,358.80
4161	1	AFU Float Shoe 4½	342.00	342.00
4129	7	Centralizers 4½	46.00	322.00
4103	2	Baskets	261.00	522.00
4283	1	DV Tool	3850.00	3850.00
				26020.12
		Less 10% Disc	-	2602.01
				23,418.11
		244574	SALES TAX	1419.88
			ESTIMATED TOTAL	24837.99

Ravin 3737

AUTHORIZTION Albert Smith TITLE Foreman DATE 9-27-11

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

WATERED

TICKET NUMBER 28249
LOCATION Oxford
FOREMAN Fuzzy

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-28-11	7158	Theimer #1	28	9	34	Thomas KS

CUSTOMER: Raymond Oil
MAILING ADDRESS:
CITY / STATE / ZIP CODE:

Hwy 40 + 25 N-Rd H - 4 1/2 W N into

TRUCK #	DRIVER	TRUCK #	DRIVER
463	John G		
439	Cody R		

JOB TYPE Surface HOLE SIZE 17 1/4 HOLE DEPTH 306' CASING SIZE & WEIGHT 13 3/8 - 48#
CASING DEPTH 308' DRILL PIPE TUBING OTHER
SLURRY WEIGHT 15.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
DISPLACEMENT 44.1 DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety meeting on LD #1. Rig up & circulate. mix 300 sks class 'A' 3% cc 2% cel. Displace 44 BBL and shut in. Cement did circulate approx 6 BBLs to pit.

Thanks Fuzzy & Crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	1025.00	1025.00
5406	20	MILEAGE	5.00	100.00
5407 A	14.1 ton	Ton Mileage Delivery	1.58	445.60
1104 S	300 sks	Class 'A'	16.80	5040.00
1102	846 #	Calcium Chloride	.84	710.64
1118 B	564 #	Bentonite	.24	135.36
		subtotal		7456.60
		less 10% discount		745.66
				6710.94
		244611	SALES TAX	386.71
			ESTIMATED TOTAL	7097.65

Ravin 3737

AUTHORIZTION Rick Wilson TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 28272
LOCATION Oakley
FOREMAN Kelly Gabel

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-12-11	7158	Theimer #1	28	9	34	Thomas

CUSTOMER: Raymond Oil
MAILING ADDRESS:
CITY / STATE / ZIP CODE:

Hwy 40 & K25 N to Rail W N into

TRUCK #	DRIVER	TRUCK #	DRIVER
463	JOSH G		
439	Cecil P		

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4911 CASING SIZE & WEIGHT
CASING DEPTH DRILL PIPE TUBING OTHER
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING
DISPLACEMENT DISPLACEMENT PSI MIX PSI RATE

REMARKS: ~~Rig~~ Safety Meeting. rigged up on LD Drilling Rig #1. Mixed cement Plugs and displaced. Washed out pumps & lines rigged down & left location.

255KS @ 2780
100SKS @ 1825
40SKS @ 350
10SKS @ 40
30SKS RH

Thank You
Kelly & Crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1250.00	1250.00
5407	20	MILEAGE	5.00	100.00
1131	205	60/40 POZ	14.35	2941.75
1118B	705#	Bentonite	.24	169.20
1107	51.25	Flo-Seal	2.66	136.53
5407A	8.81	Ton Mileage delivery (Min)	1.58	410.00
4436	1	13 3/8 Wooden Plug	171.00	171.00
				5128.38
		Less 10% disc		517.83
				4660.45
		244922	SALES TAX	224.58
			ESTIMATED TOTAL	4885.03

Ravin 3737

7:30AM
AUTHORIZTION Richard Wilson TITLE DATE 10-12-11

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 33636
LOCATION Oakley
FOREMAN Kelly Gabel

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-13-11	7158	Olsen Kistler #1	28	9	34	Thomas

CUSTOMER: Raymond oil
MAILING ADDRESS:
CITY | STATE | ZIP CODE:

Monument
W to K25
N to Rail
4 W
1 S
2 W

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Jason G		
439	Damon M		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 304 CASING SIZE & WEIGHT 13 3/8 48#
CASING DEPTH 300' DRILL PIPE TUBING OTHER
SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
DISPLACEMENT 17.3 DISPLACEMENT PSI MIX PSI RATE 5 bbl/min

REMARKS: Safety Meeting. Rigged up on 4D Drilling Rig #1. Hooked up to circulate. Pumped 300 sks Com 3%cc & 2%gel. Displaced with 17.3 bbl H2O. Shut in washed out pumps and lines. rigged down & left location.

Cement did circulate

Thank You
Kelly & Crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1025.00	1025.00
5406	80	MILEAGE	5.00	100.00
5407A	14.1 ton	Ton Mileage delivery	158.00	445.50
11045	300 sks	class A cement	16.80	5040.00
1102	846#	calciumchloride	.84	710.64
1118B	564#	Bentonite	.24	135.36
				7456.00
		Less 10%	disc	745.66
				6710.34
			SALES TAX	386.71
		245009	ESTIMATED TOTAL	7097.05

Ravin 3737

5:00 AM
AUTHORIZTION David L Rice TITLE DATE 10-13-11

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY: RAYMOND OIL COMPANY, INC.

1 THEIMER WERNER

WILDCAT

2494' FEL & 1464' FSL

32 9S RGE. 34W

THOMAS KANSAS

L.D. DRILLING, INC.

SPUD 9-14-11 COMP. 9-27-11

T.D. 4950 4951

MUD UP 3515 TYPE MUD CHEMICAL

ELEVATIONS

KB 3285

DF

GL 3280

Measurements Are All From 3285 KB

CASING

SURFACE 13 3/8"@ 302

PRODUCTION 4½"@

ELECTRICAL SURVEYS

· DUAL IND., DENS.-N. MICRO

SAMPLES SAVED FROM 3750 TO 4950

DRILLING TIME KEPT FROM 3600 TO 4950

SAMPLES EXAMINED FROM 3750 TO 4950

GEOLOGICAL SUPERVISION FROM 3750 TO 4950

GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	2820+464	2820+464
B/ANH.	2849+436	2850+435
STOTLER	3825-540	3826-541
HEEBNER	4160-875	4161-876
LANSING	4198-913	4201-916
STARK	4429-1144	4429-1144
MARMATON	4511-1226	4510-1225
FORT SCOTT	4672-1387	4672-1387
CHEROKEE	4703-1418	4703-1418
MISSISSIPPI	4840-1555	4833-1548

REMARKS

9-14-11 SPUD
9-15 @ 306'
9-16 @ 1070'
9-17 @ 1802'
9-18 @ 2705'
9-19 @ 3390'
9-20 @ 3865'
9-21 @ 4309'
9-22 @ 4404'
9-23 @ 4475'
9-24 @ 4650'
9-25 @ 4741'
9-26 @ 4858'
9-27 @ 4950

API: 15-193-20820

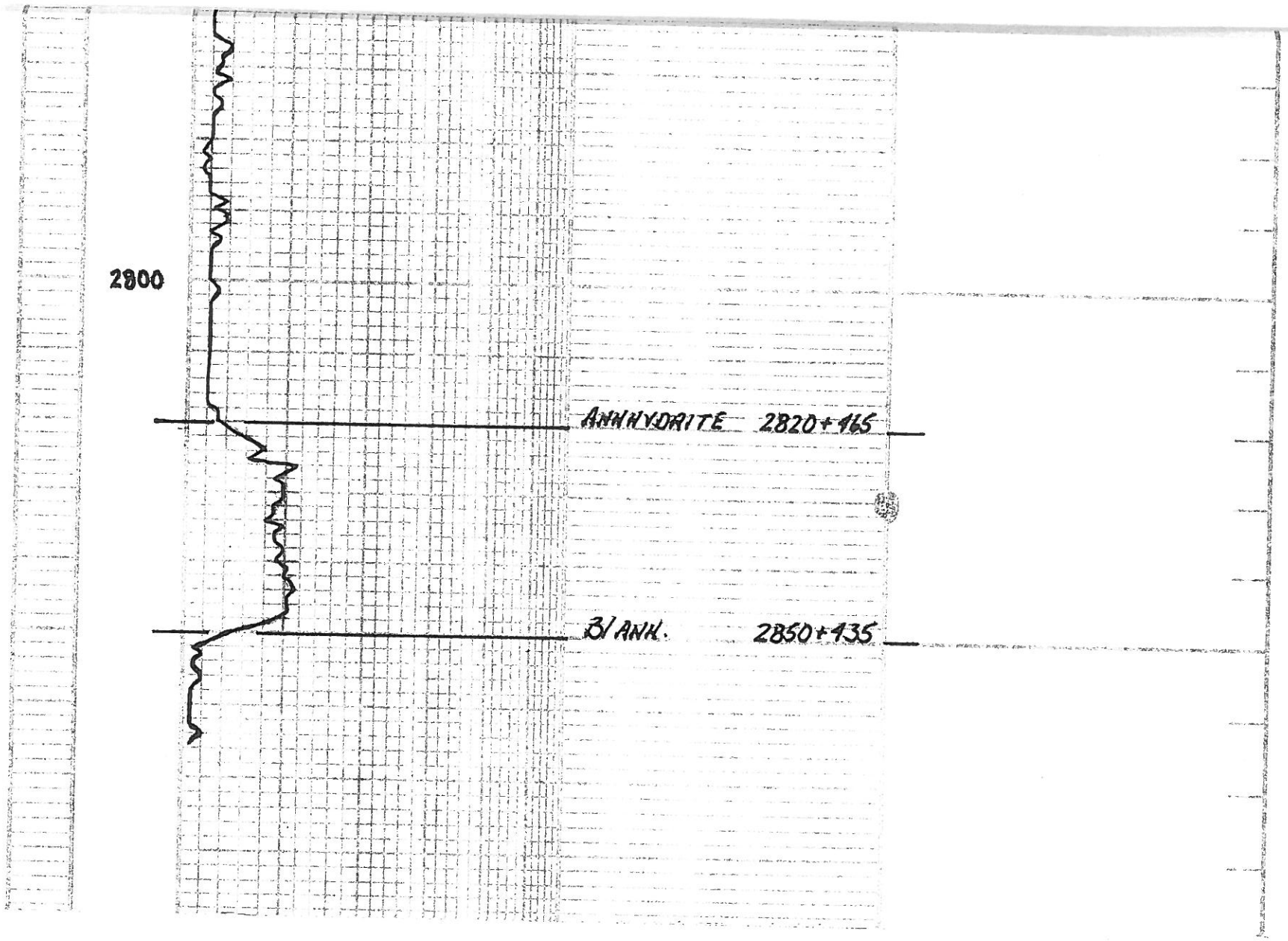
LEGEND

DRILLING TIME IN MINUTES PER FOOT
(Rate of Penetration Increases)

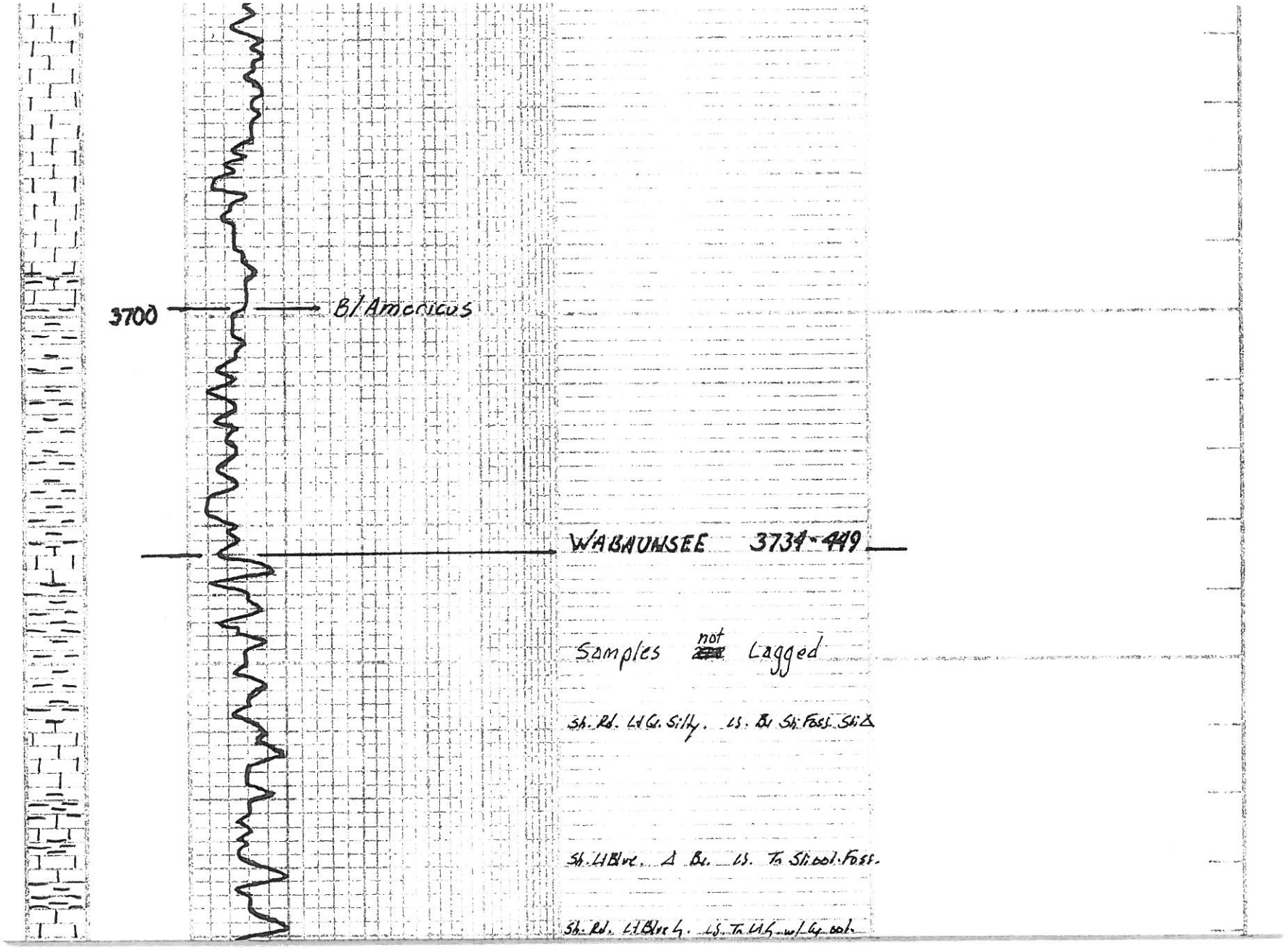
DEPTH
2750

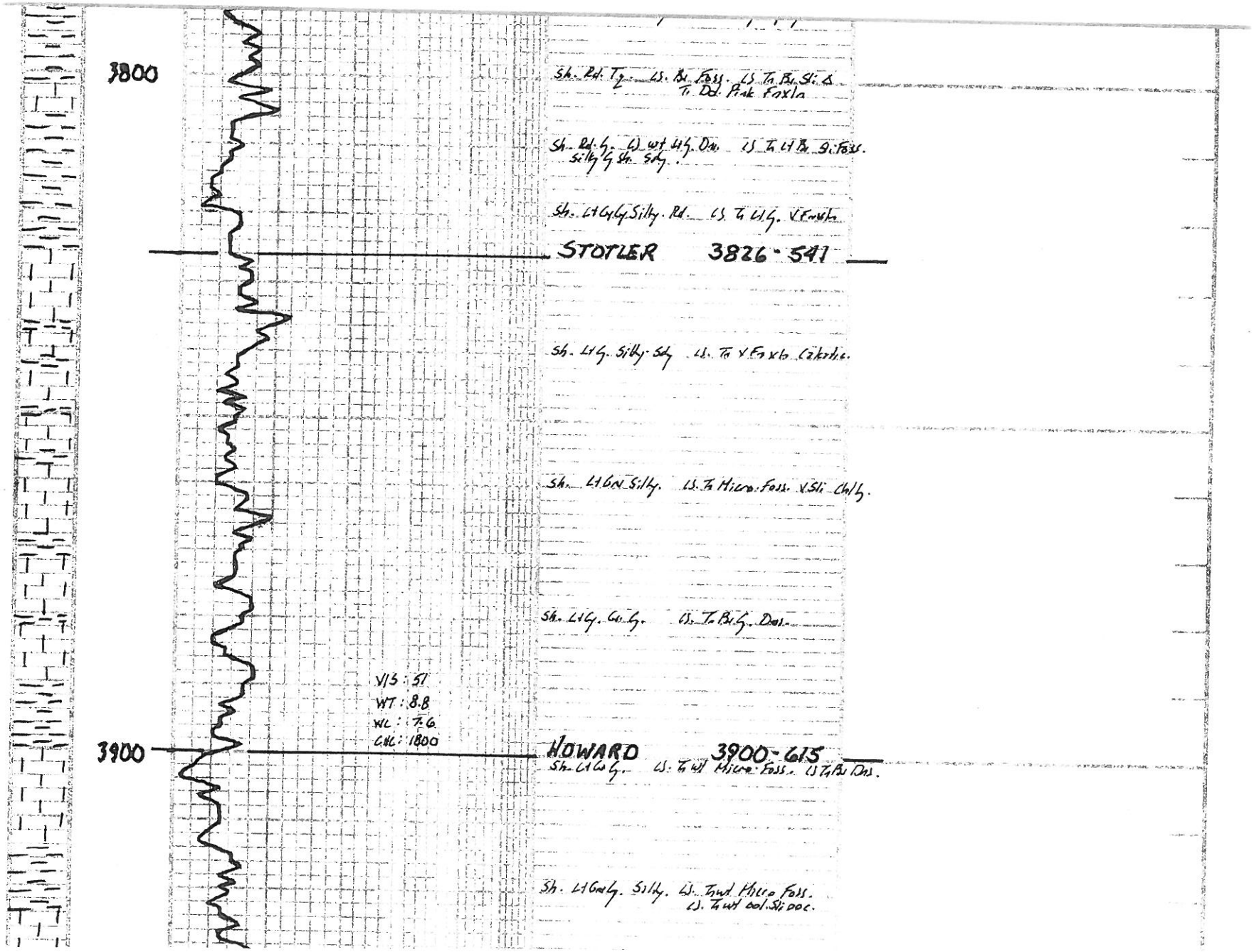
SAMPLE DESCRIPTIONS

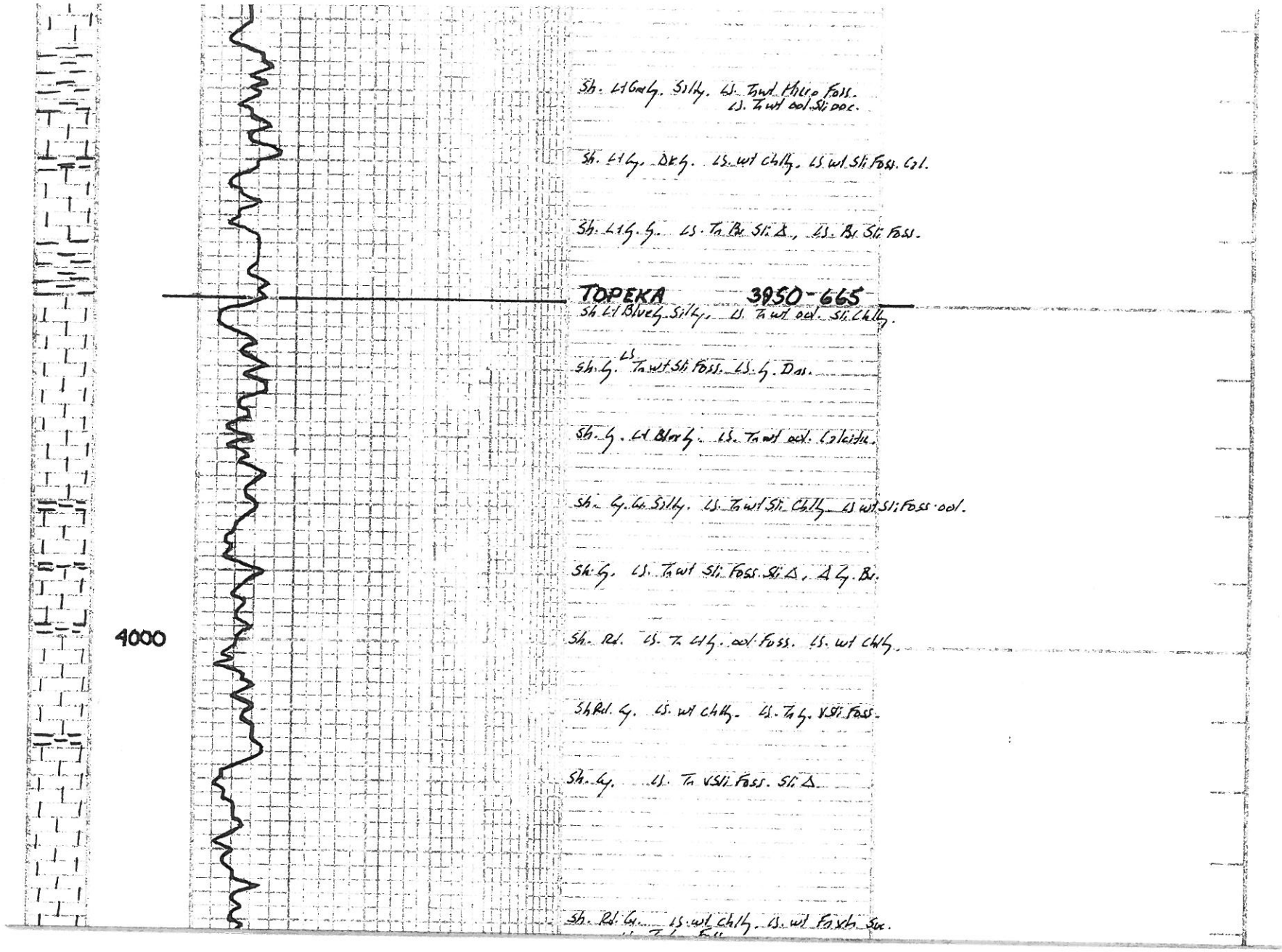
REMARKS

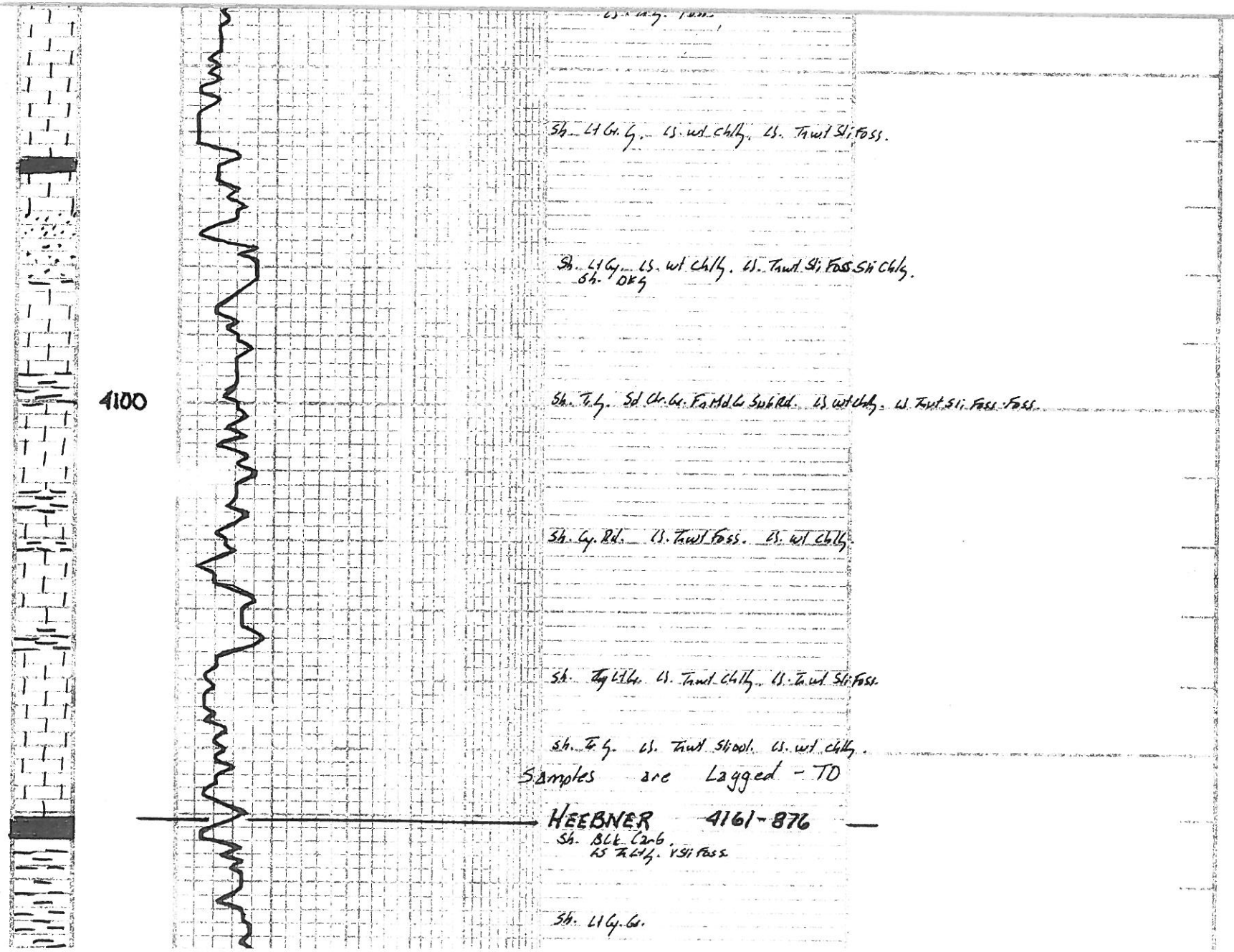

2800
ANHHYDRITE 2820+165
B/ANH. 2850+135

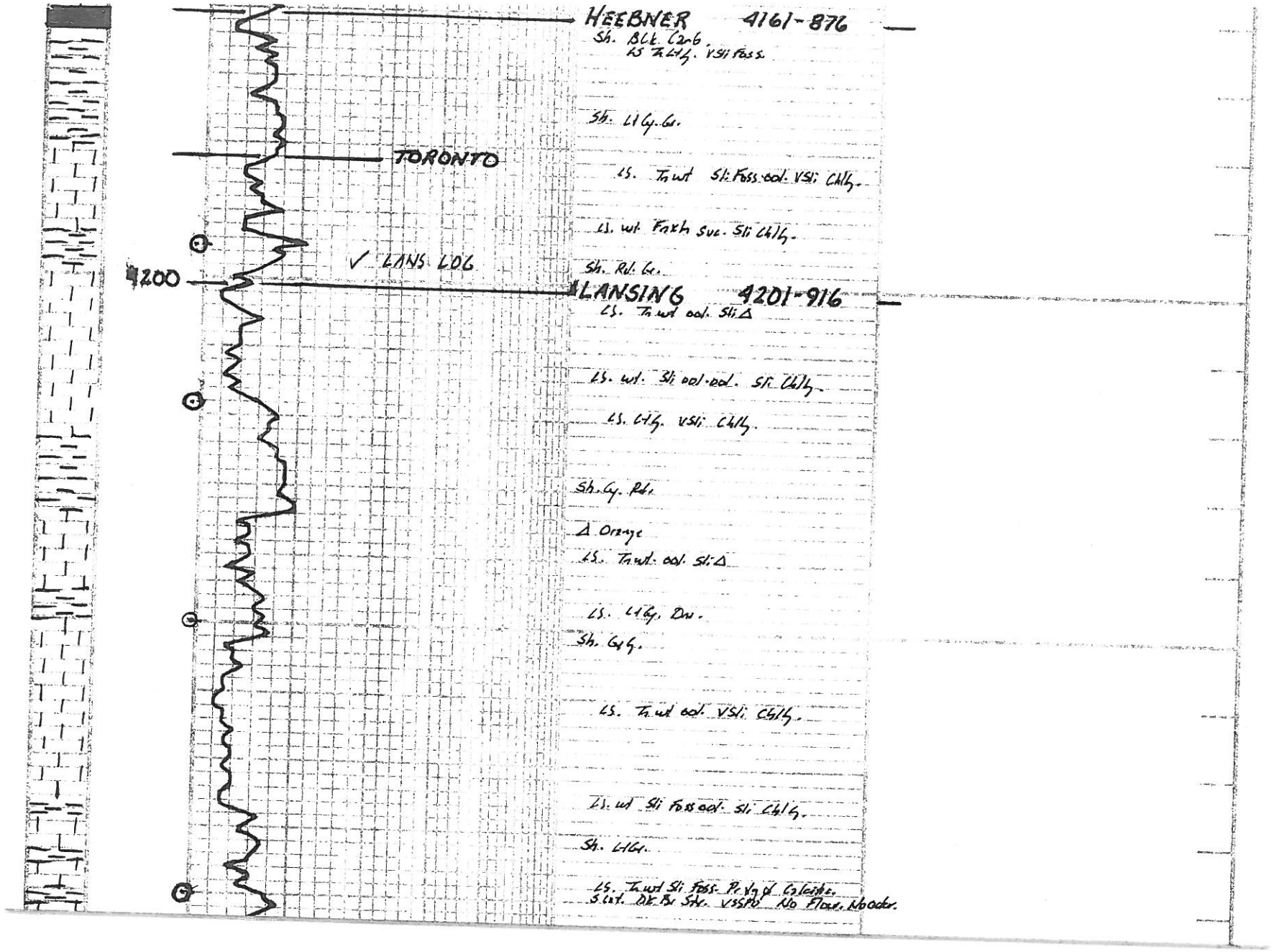
2900
3600

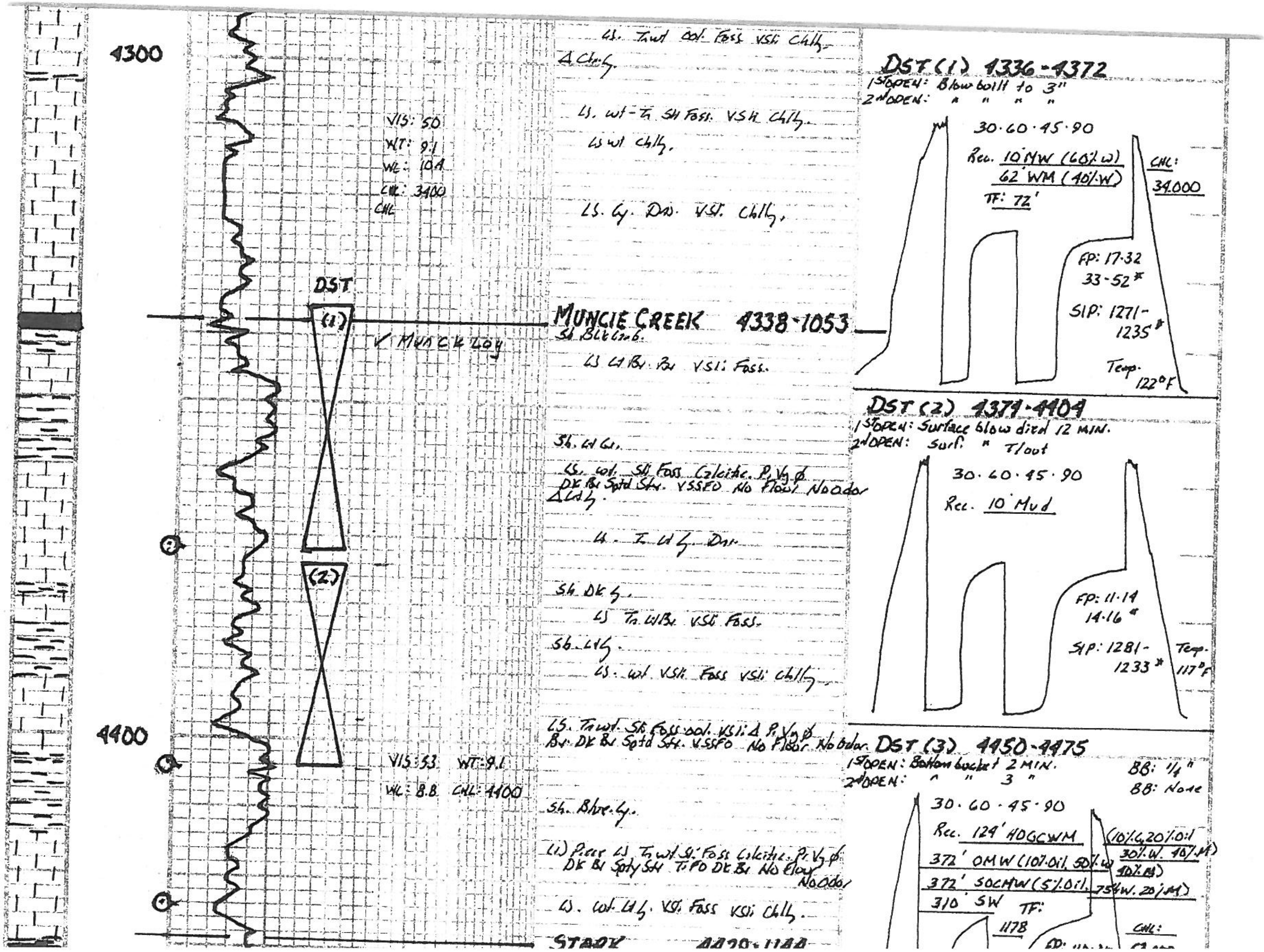

3700
B/ Amoricus
WABAUNSEE 3734-449
Samples not Lagged
Sh. Rd. Lt Gy. Silty. Ls. Bf Sl. Foss. Sli Δ
Sh. Lt Blue. Δ Bf. Ls. Tr Sl. cool. Foss.
Sh. Rd. Lt Blue Gy. Ls. Tr Lt Gy w/ Gy coal

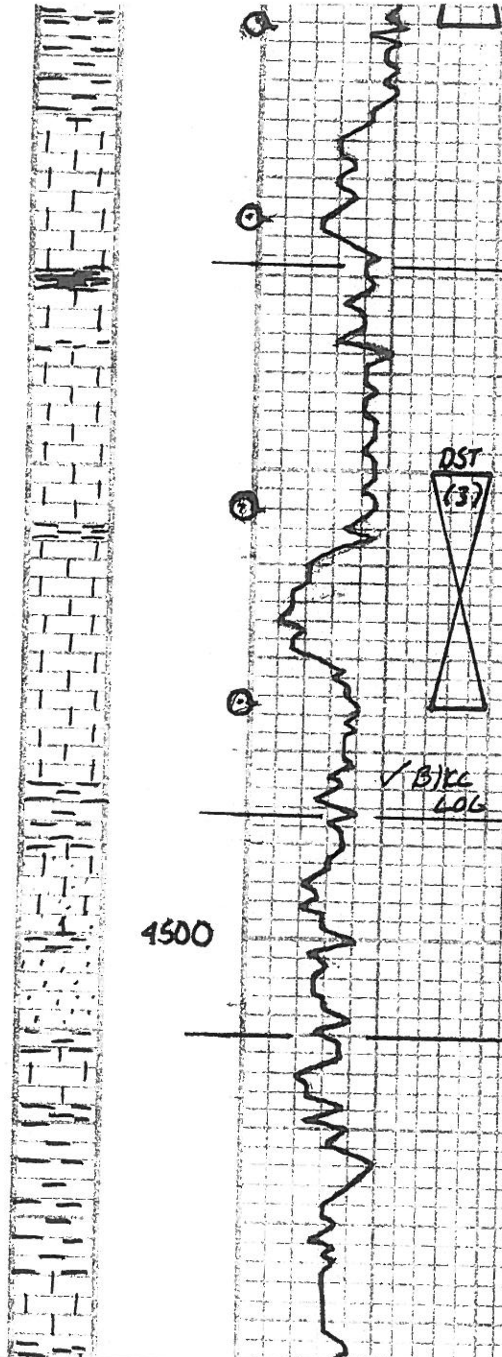

3800
Sh. Rd. Tr. Ls. Bn. Foss. Ls Tn Bn Sl. Δ
Tr. Dol. Pink Foxla
Sh. Rd. Gy. Gl wt Gy. Dol. Ls Tn Lt Bn Gl. Foss.
Silty Gy Sh. Sdy.
Sh. Lt Gy Gy Silty. Rd. Ls Tn Lt Gy. V Fossils
STOTLER 3826 - 541
Sh. Lt Gy. Silty. Sdy Ls. Tn V Fn x to Calcarlic.
Sh. Lt Gy Sil. Ls. Tn Micro. Foss. V Sl. Chty.
Sh. Lt Gy. Gy. Gy. Ls. Tn Bn Gy. Dol.
V/S : 51
WT : 8.8
WL : 7.6
CHL : 1800
3900
HOWARD 3900 - 615
Sh. Lt Gy Gy. Ls. Tn Wt Micro. Foss. Ls Tn Bn Dol.
Sh. Lt Gn Gy. Silty. Ls. Tn wt Micro Foss.
Ls. Tn wt Gol. Sl. Dol.


4000
Sh. Lt Grn Gy. Silty. LS. Tn wt Fossiliferous. LS. Tn wt ool. Sli ooc.
Sh. Lt Gy. Dk Gy. LS wt Chalky. LS wt Sli Foss. Col.
Sh. Lt Gy. Gy. LS. Tn Bx Sli Δ, LS. Bx Sli Foss.
TOPEKA 3850-665
Sh. Lt Blue Gy. Silty. LS. Tn wt ool. Sli Chalky.
Sh. Gy. LS. Tn wt Sli Foss. LS. Gy. Dns.
Sh. Gy. Lt Blue Gy. LS. Tn wt ool. Calcite.
Sh. Gy. Lt Silty. LS. Tn wt Sli Chalky LS wt Sli Foss ool.
Sh. Gy. LS. Tn wt Sli Foss. Sli Δ, Δ Gy. Bx.
Sh. Rd. LS. Tn Lt Gy. ool Foss. LS. wt Chalky.
Sh Rd. Gy. LS. wt Chalky. LS. Tn Gy. v Sli Foss.
Sh. Gy. LS. Tn v Sli Foss. Sli Δ
Sh. Rd. Gy. LS wt Chalky. LS. wt Foss Sli.


4100
Sh. Lt Gy. Ls. wt chlky. Ls. Twnt Sli Foss.
Sh. Lt Gy. Ls. wt Chlky. Ls. Twnt Sli Foss Sli Chlky.
Sh. Dk Gy
Sh. Tr Gy. Sd Ch. Gy. Fa Mdu Sub Rd. Ls wt chlky. Ls Twnt Sli. Foss. Foss.
Sh. Gy. Rd. Ls. Twnt Foss. Ls. wt chlky.
Sh. Dy Lt Gy. Ls. Twnt Chlky. Ls. Twnt Sli Foss.
Sh. Tr Gy. Ls. Twnt Sli Dol. Ls. wt chlky.
Samples are Lagged - TD
HEEBNER 4161-876
Sh. Blk Carb.
Ls Tr Gy. V Sli Foss.
Sh. Lt Gy. Ls.


HEEBNER 4161-876
Sh. Blk. Carb.
LS Tn Lt Gy. VSli Foss.
Sh. Lt Gy. Gr.
TORONTO
LS. Tn wt Sli Foss. ool. VSli Chlk.
LS. wt Fxln Suc. Sli Chlk.
Sh. Rd. Gr.
4200
✓ LANS LOG
LANSING 4201-916
LS. Tn wt ool. Sli Δ
LS. wt. Sli ool-ool. Sli. Chlk.
LS. Lt Gy. VSli Chlk.
Sh. Gy. Rd.
Δ Orange
LS. Tn wt. ool. Sli Δ
LS. Lt Gy. Dns.
Sh. Gy Gy.
LS. Tn wt ool. VSli Chlk.
LS. wt Sli Foss ool. Sli Chlk.
Sh. Lt Gr.
LS. Tn wt Sli Foss. Pr Vg of Calcite.
Sl Lst. Dk Br Stn. VSSPor. No Flor. No odor.


4300
4400
Ls. Tn-wt ool. Foss VSl. Chlky.
Δ Chky.
Ls. wt-Tn. Sli Foss. VSli Chlky.
Ls wt Chlky.
Ls. Gy. Dns. VSl. Chlky.
VIS: 50
WT: 9.1
WL: 10.4
CHL: 3400
CHL
DST
(1)
(2)
MUNCIE CREEK 4338-1053
Sh Blk Carb.
✓ Munck Log
Ls Lt Br. Br. VSl. Foss.
Sh. Lt Gr.
Ls. ool. Sli Foss Calcitic. P. Vg φ
Dk Br Sptd Stn. VSSFO No Flour. No Odor
Δ Ltly.
Ls. Tn Lt Gy. Dns.
Sh. Dk Gy.
Ls Tn. Lt Br. VSli Foss.
Sh. Ltly.
Ls. wt VSli Foss VSli Chlky.
Ls. Tn-wt. Sli Foss ool. VSl. Δ P. Vg φ
Br. Dk Br Sptd Stn. VSSFO No Flour. No Odor
VIS: 53 WT: 9.1
WL: 8.8 CHL: 4400
Sh. Blue-Gy.
(Li) Piece Ls Tn-wt Sl. Foss Calcitic. P. Vg φ
Dk Br Sptd Stn TrFO Dk Br. No Flour.
No Odor
Ls. wt Ltly. VSl Foss VSli Chlky.
DST (1) 4336-4372
1st OPEN: Blow built to 3"
2nd OPEN: " " " "
30·60·45·90
Rec. 10' MW (60% W)
62' WM (40% W)
TF: 72'
CHL: 34,000
FP: 17-32
33-52#
SIP: 1271-
1235#
Temp. 122°F
DST (2) 4371-4404
1st OPEN: Surface blow died 12 MIN.
2nd OPEN: Surf. " T/out
30·60·45·90
Rec. 10' Mud
FP: 11-14
14-16#
SIP: 1281-
1233#
Temp. 117°F
DST (3) 4450-4475
1st OPEN: Bottom bucket 2 MIN.
2nd OPEN: " " 3 "
BB: 1/4"
BB: None
30·60·45·90
Rec. 124' HOGCWM (10% G, 20% O, 30% W, 40% M)
372' OMW (10% Oil, 50% W, 40% M)
372' SOCMW (5% Oil, 75% W, 20% M)
310' SW
TF: 1178
CHL:



VIS: 53 WT: 9.1
WL: 8.8 CHL: 4400

Sh. Blue-G.

(2) Piece LS Tn wt Sli Foss Calcitic. Pr. Vg ϕ
Dk Bl Spty SH Tr FO Dk Bl No Flour
No Odor

LS. Wt. Lt G. VSl. Foss VSli Chlky.

STARK 4429-1149

Sh. Gy. Dk Gy.

LS Tn G. Shool. Foss.

LS. Lt G. Dn. VSli Chlky.

LS. Lt G. Sh Foss Sli Δ T. Vg ϕ
Bu Spld Sh. VSSFO. Dull Flour
F. Odor.

Sh. Gy. Dk Gy.

Dol. Tn. Wh. Lt Gy. Fn-Md Xln Some Co Xln
Fr Gd Xln ϕ. Bl Sd Sh. FSFO Fr Dull Flour
Tr LS. Tn Foss. w/ Blsh FSFO Fr Odor
Fr Flour.

VIS: 50
WT: 9.0
WL: 9.6
CHL: 5800

LS. Tn Lt G. VSli Foss VSli Δ

BIKC 4487-1202

Sh. Gy.

LS. Tn wt VSli Foss.

Sdy Silty Sh. Pyrtic. Lt Blue-G.

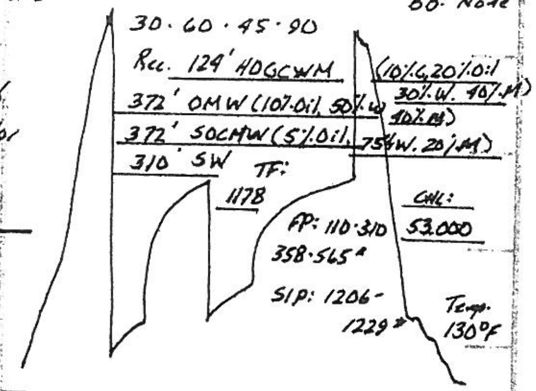
MARMATON 4510-1225

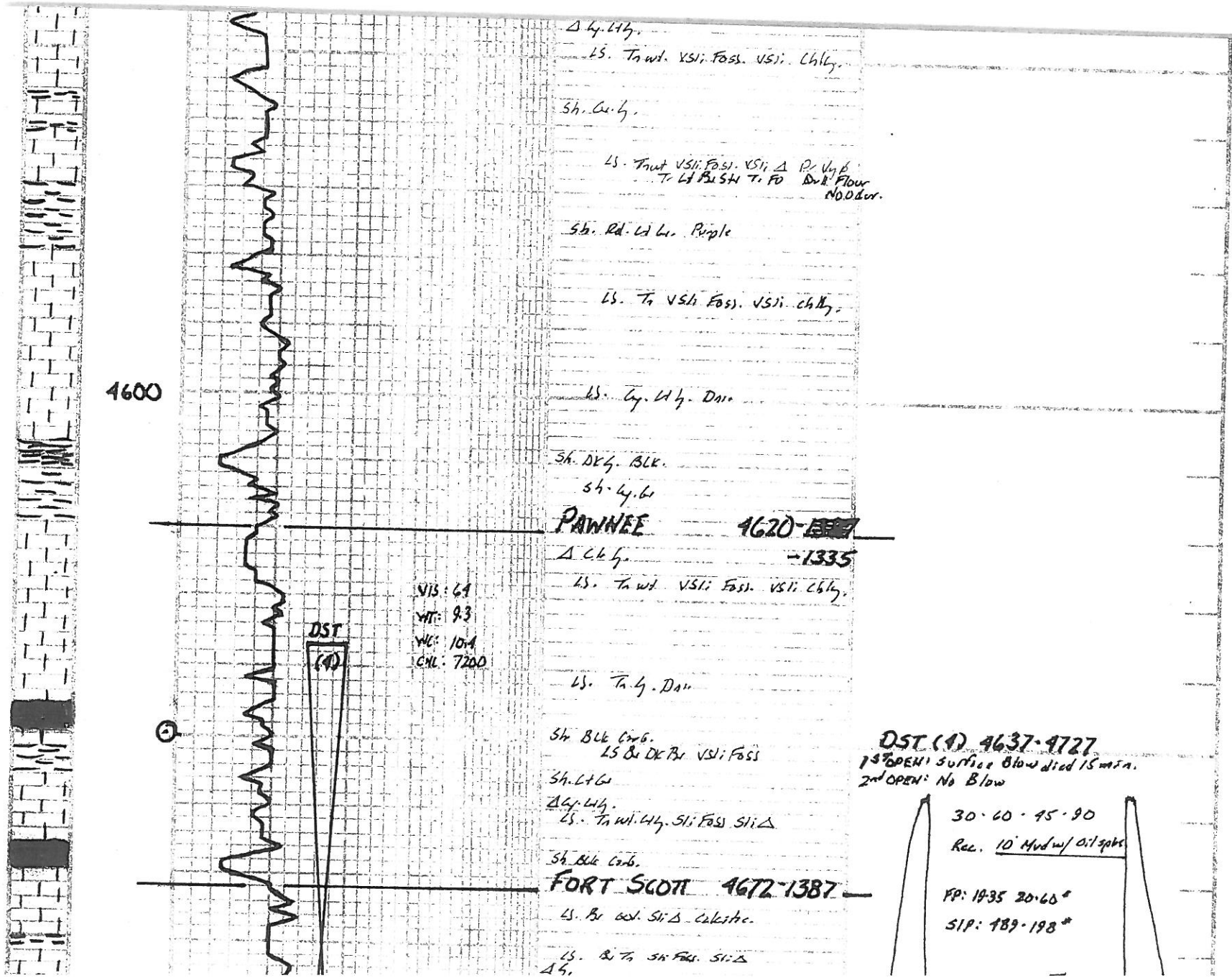
LS. LS. Tn Lt Bl VSli Foss.

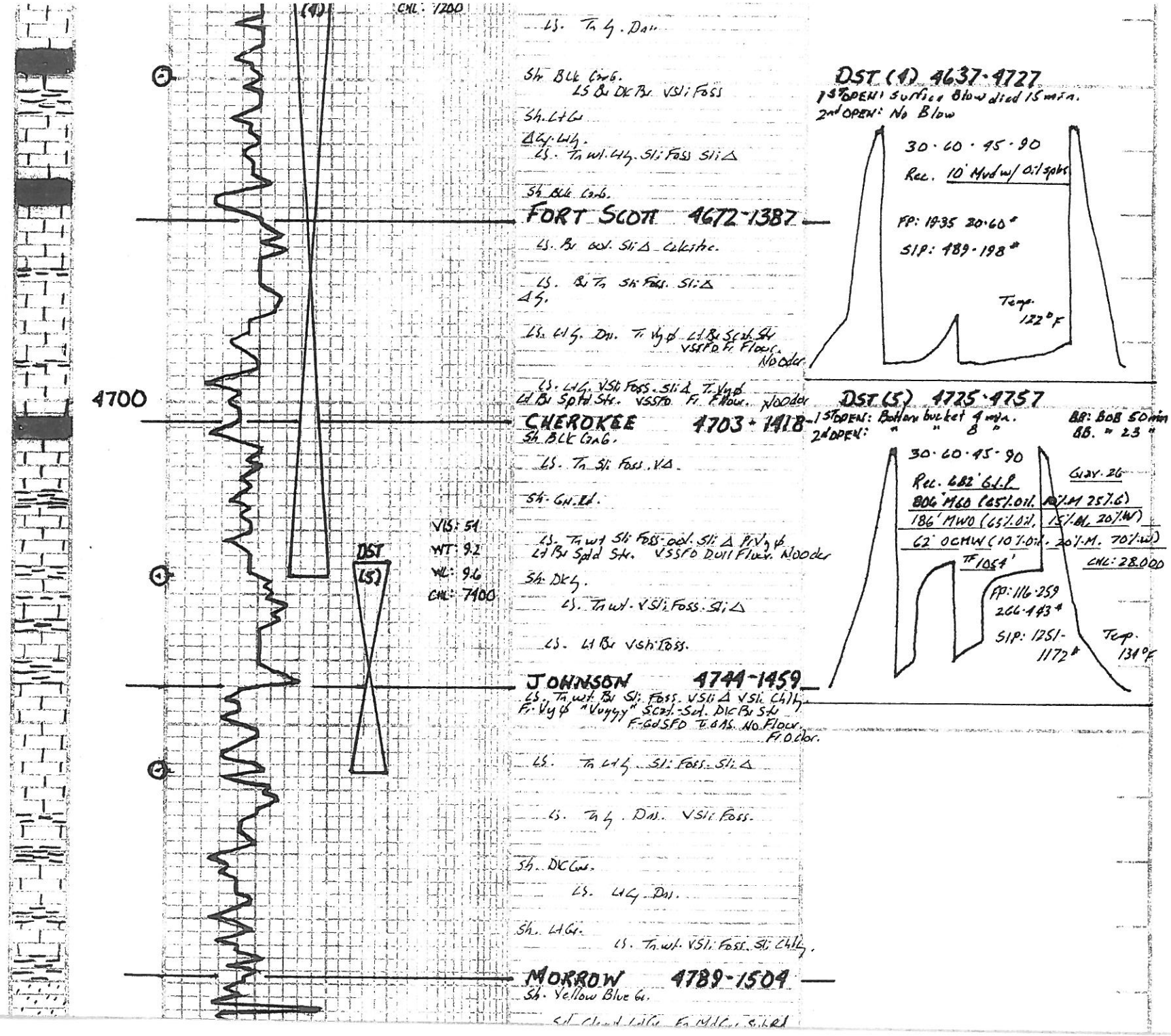
Sh. Lt Gr Gy. Rd.

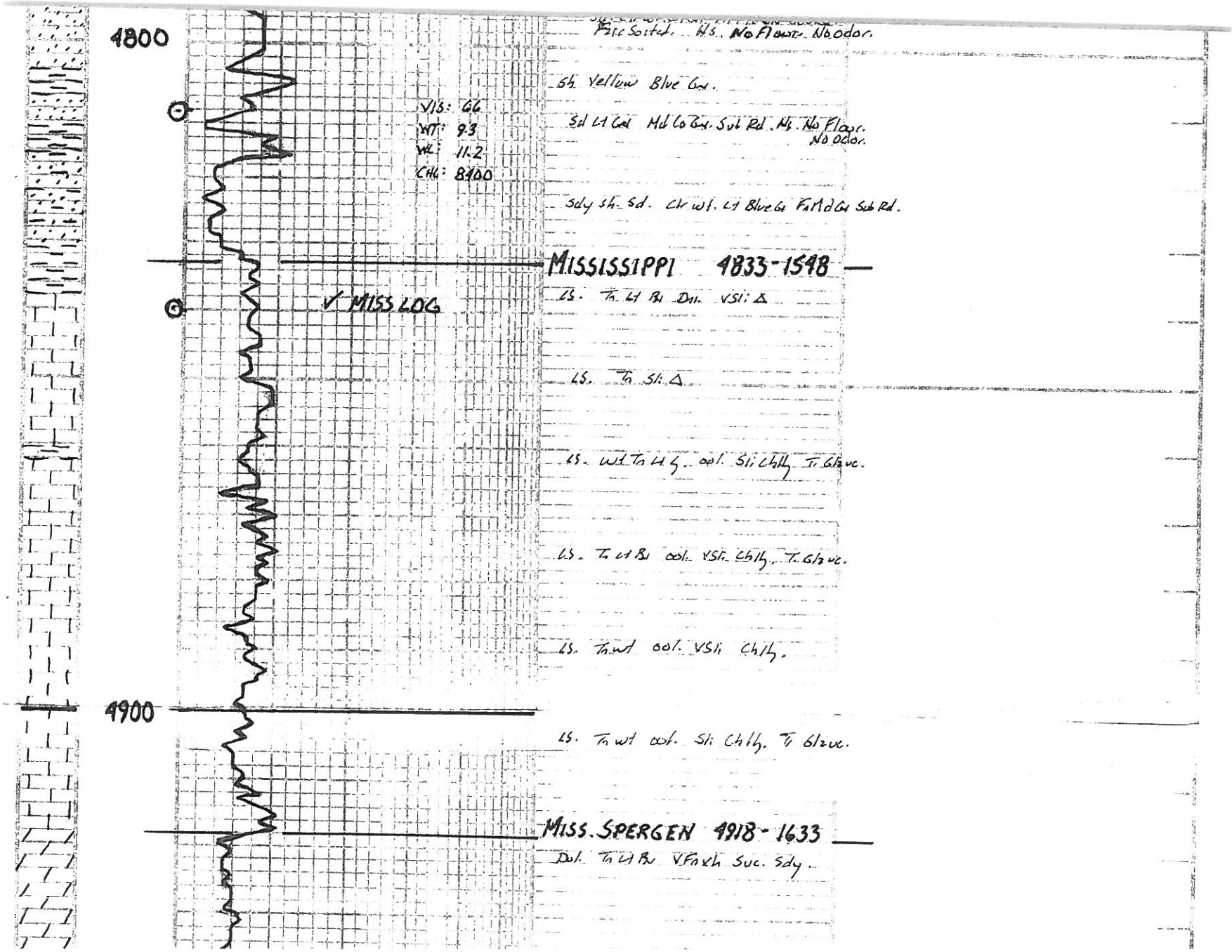
LS. Wt. VSli Foss w/ Rd. Sh. Strks.

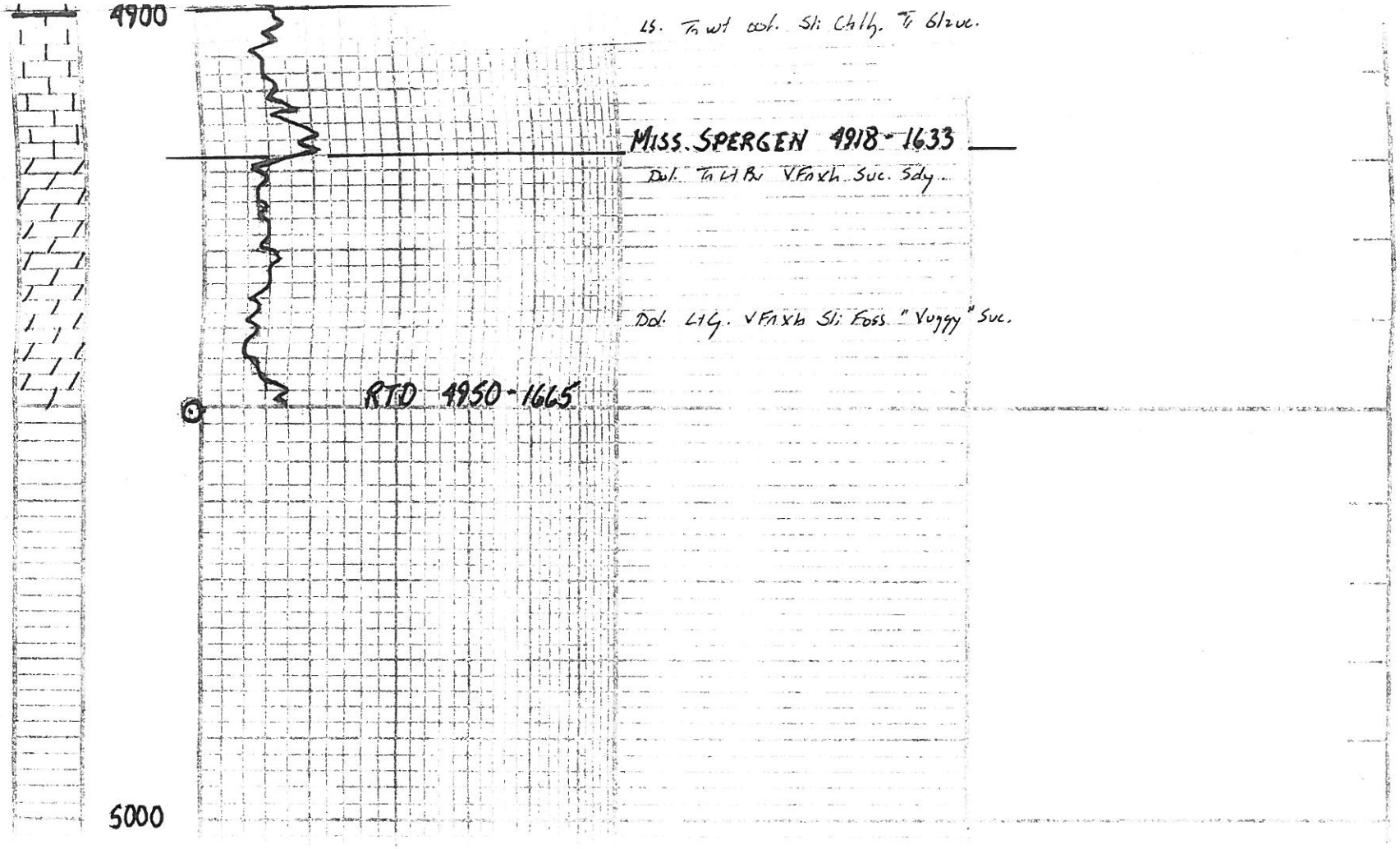
1st OPEN: Bottom bucket 2 MIN. BB: 1/4"
2nd OPEN: " " 3 " BB: None




1600
DST (1)
VIS: 64
WT: 9.3
WL: 10.4
CHL: 7200
Δ Gy. Lt Gy.
Ls. Tn wt. VSli Foss. VSli Chty.
Sh. Gn. Gy.
Ls. Tn wt VSli Foss. VSli Δ Pr Vug P
Tr Lt Br SH Tr FO Dull Flow
NO Odor.
Sh. Rd. Lt Gy. Purple
Ls. Tn VSh Foss. VSli chty.
Ls. Gy. Lt Gy. Dns.
Sh. DK Gy. Blk.
Sh. Gy. Gn
PAWNEE 4620-1335
Δ Ch Gy.
Ls. Tn wt VSli Foss. VSli Chty.
Ls. Tn Gy. Dns.
Sh Blk Carb.
LS & DK Br VSli Foss
Sh. Lt Gn
Δ Gy. Lt Gy.
Ls. Tn wl. Lt Gy. Sli Foss Sli Δ
Sh. Blk Carb.
FORT SCOTT 4672-1387
Ls. Br occ. Sli Δ Calcite.
Ls. & Tn Sh Foss. Sli Δ
Gy.
DST (1) 4637-4727
1st OPEN: Surface Blow died 15 min.
2nd OPEN: No Blow
30 · 60 · 45 · 90
Rec. 10' Mud w/ Oil spks
FP: 19-35 20-60#
SIP: 189-198#


(1)
CHL: 7200
4700
DST (5)
VIS: 51
WT: 9.2
WL: 9.6
CHL: 7400
Ls. Tn Lt Gy. Dol.
Sh. Blk Carb.
LS Br Dk Br. VSli Foss
Sh. Lt Gy
Lt Gy. Lt Gy.
LS. Tn wl. Lt Gy. Sli Foss Sli Δ
Sh. Blk Carb.
FORT SCOTT 4672-1387
LS. Br occ. Sli Δ Calcite.
LS. Br Tn Sli Foss. Sli Δ
Δ Gy.
LS. Lt Gy. Dol. Tr Vug φ Lt Br Spd Sh. VSSFO Fr. Flour. No Odor
LS. Lt Gy. VSli Foss. Sli Δ Tr Vug φ Lt Br Spd Sh. VSSFO Fr. Flour. No Odor
CHEROKEE 4703-1418
Sh. Blk Carb.
LS. Tn Sli Foss. V Δ.
Sh. Gn. Gy.
LS. Tn wt Sli Foss. occ. Sli Δ Tr Vug φ Lt Br Spd Sh. VSSFO Dull Flour. No Odor
Sh. Dk Gy.
LS. Tn wt. VSli Foss. Sli Δ
LS. Lt Br Vsli Foss.
JOHNSON 4744-1459
LS. Tn wt. Br Sli Foss. VSli Δ VSli Chty. Fr. Vug φ "Vuggy" Scatt.-Sml. Dk Br Sh. F-GdSFO T. GAS. No Flow. Fr. Odor.
LS. Tn Lt Gy. Sl. Foss. Sli Δ
LS. Tn Gy. Dns. VSli Foss.
Sh. Dk Grn.
LS. Lt Gy. Dol.
Sh. Lt Gr.
LS. Tn wt. VSli Foss. Sli Chty.
MORROW 4789-1509
Sh. Yellow Blue Gr.
DST (1) 4637-4727
1st OPEN: Surface Blow died 15 min.
2nd OPEN: No Blow
30-60-45-90
Rec. 10' Mud w/ 0.1 spks
FP: 19-35 20-60#
SIP: 489-198#
Temp. 122°F
DST (5) 4725-4757
1st OPEN: Bottom bucket 4 min.
2nd OPEN: " " 8 "
BB: BOB 50 min
BB. = 23"
30-60-45-90
Rec. 682' G.I.P.
806' MGO (65% Oil, 10% M, 25% G)
186' MWO (65% Oil, 15% M, 20% W)
62' OCMW (10% Oil, 20% M, 70% W)
TF 1054'
CHL: 28,000
FP: 116-259
266-443#
SIP: 1251-1172#
Temp. 131°F
GRAV. 26


4800
VIS: 66
WT: 9.3
WL: 11.2
CHL: 8400
Fine Soft. NS. No Flour. No odor.
Sh Yellow Blue Gn.
Sd Lt Gn Md Co Gn. Sub Rd. NS. No Flour. No Odor.
Sdy sh Sd. Clr wt. Lt Blue Gn Fi Md Gn Sub Rd.
MISSISSIPPI 4833-1548
✓ MISS LOG
LS. Tn Lt Bn Dns. VSli Δ
LS. Tn Sli Δ
LS. Wh Tn Lt Gy. ool. Sli Chlky Tr Glauc.
LS. Tn Lt Bn ool. VSli Chlky. Tr Glauc.
LS. Tn wt ool. VSli Chlky.
4900
LS. Tn wt ool. Sli Chlky. Tr Glauc.
MISS. SPERGEN 4918-1633
Dol. Tn Lt Bn V Finely Suc. Sdy.


4900
Ls. Tn wt occ. Sli Chlky. Tr Glauc.
MISS. SPERGEN 4918 - 1633
Dol. Tn Lt Brn VFn xln Suc. Sdy.
Dol. Lt G. VFn xln Sli Foss. "Vuggy" Suc.
RTD 4950 - 1665
5000

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/

December 23, 2011

Ted McHenry
Raymond Oil Company, Inc.
PO BOX 48788
WICHITA, KS 67202-1822

Re: ACO1
API 15-193-20820-00-00
Theimer/Werner 1
SE/4 Sec.32-09S-34W
Thomas 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,
Ted McHenry