

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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

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 <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 Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	WILLOWAY FARMS 1-21
Doc ID	1630282

All Electric Logs Run

Comp. Density/Neutron PE Log
Dual Induction Log
Micro Log
Sonic Log

Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	WILLOWAY FARMS 1-21
Doc ID	1630282

Tops

Name	Top	Datum
Base Anhydrite	2808	+918
Heebner Shale	4102	-376
Lansing	4160	-434
Mun Crk Shale	4320	-594
Stark Shale	4414	-688
Pawnee	4640	-914
Cherokee Shale	4696	-970
Atoka	4794	-1068
Morrow Shale	4920	-1194
Mississippian	5106	-1380



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Stelbar Oil Corp
 1625 N Waterfront PKWY Ste 200
 Wichita, Ks 67206
 ATTN: Larry Friend

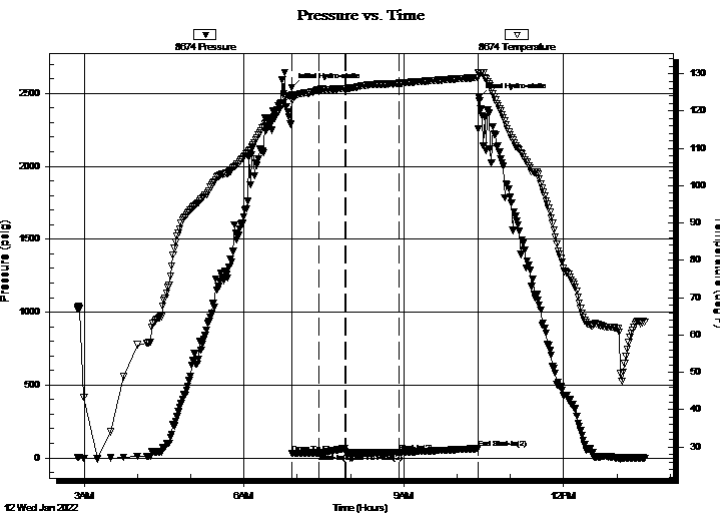
21-14s-41w Wallace, KS
Willoway farms 1-21
 Job Ticket: 68380 **DST#: 1**
 Test Start: 2022.01.12 @ 02:52:35

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:54:05
 Time Test Ended: 13:31:35
 Interval: **4915.00 ft (KB) To 4963.00 ft (KB) (TVD)**
 Total Depth: 4963.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 79
 Reference Elevations: 3730.00 ft (KB)
 3720.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8674 Outside
 Press@RunDepth: 36.56 psig @ 4916.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.01.12 End Date: 2022.01.12 Last Calib.: 2022.01.12
 Start Time: 02:52:40 End Time: 13:31:35 Time On Btm: 2022.01.12 @ 06:53:35
 Time Off Btm: 2022.01.12 @ 10:24:35

TEST COMMENT: IF: 1/4 blow died in 30 mins.
 IS: No return.
 FF: No blow.
 FS: No return. 30-30-60-90



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2540.59	124.31	Initial Hydro-static
1	31.47	122.88	Open To Flow (1)
31	32.49	125.63	Shut-In(1)
61	66.41	126.07	End Shut-In(1)
61	33.59	126.01	Open To Flow (2)
121	36.56	127.41	Shut-In(2)
210	63.84	128.95	End Shut-In(2)
211	2469.97	130.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%m	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp

21-14s-41w Wallace,KS

1625 N Waterfront PKWY Ste 200
Wichita, Ks 67206

Willoway farms 1-21

Job Ticket: 68380

DST#: 1

ATTN: Larry Friend

Test Start: 2022.01.12 @ 02:52:35

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	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:

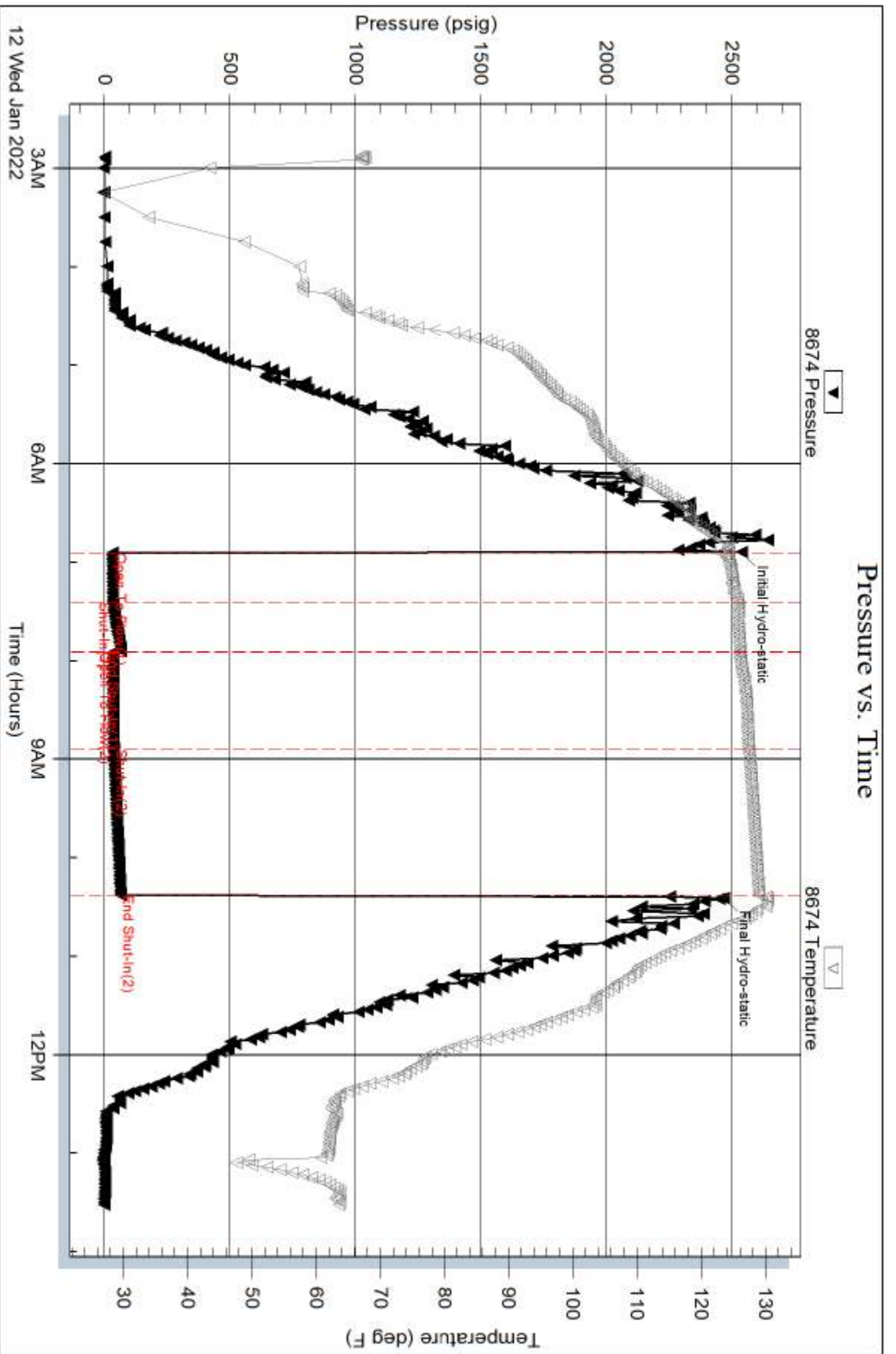
Recovery Comments:

Serial #: 8674

Outside Stellar Oil Corp

Willoway farms 1-21

DST Test Number: 1



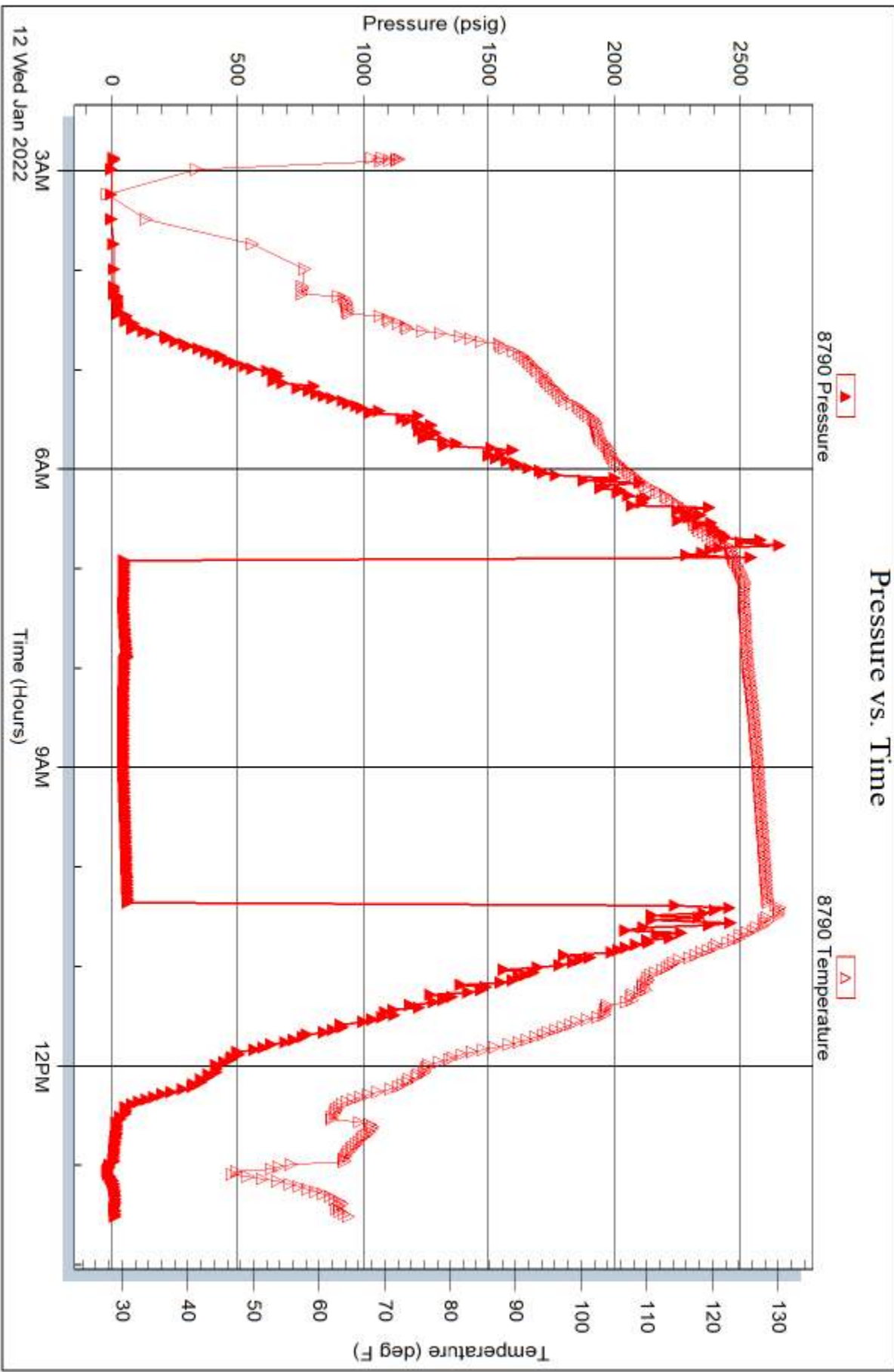
Serial #: 8790

Inside

Starbar Oil Corp

Willow ay farms 1-21

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68380

Printed: 2022.01.12 @ 13:59:20

WELL INFORMATION

Company: STELBAR OIL CORPORATION
 Address: 1625 N. WATERFRONT PKWY, STE 200
 WICHITA, KS 67206-6602

Well Name: WILLOWAY FARMS #1-21

Location: 1458' FSL & 1170' FEL
 SECTION 21-T14S-R41W
 WALLACE COUNTY, KANSAS

API: 15-199-20455
 Field: WILDCAT

K. B. Elevation: 3726 Rotary Depth: 5240
 Ground Elevation: 3718 Log Depth: 5240

Spud Date: 12/18/2021 Drilling Completed: 1/14/2022

Completion:
 Surface Casing: 8-5/8", 24# Set @ 551' Production Casing: NONE - D&A

Formation at TD: MISSISSIPPIAN
 Drilling Fluid Type: CHEMICAL

Rig Contractor: MURFIN RIG # 112
 Logger: ELI WIRELINE Logs Run: CND w/PE, DI w/GR, SONIC, MICRO

Wellsite Geologist: LARRY P. FRIEND

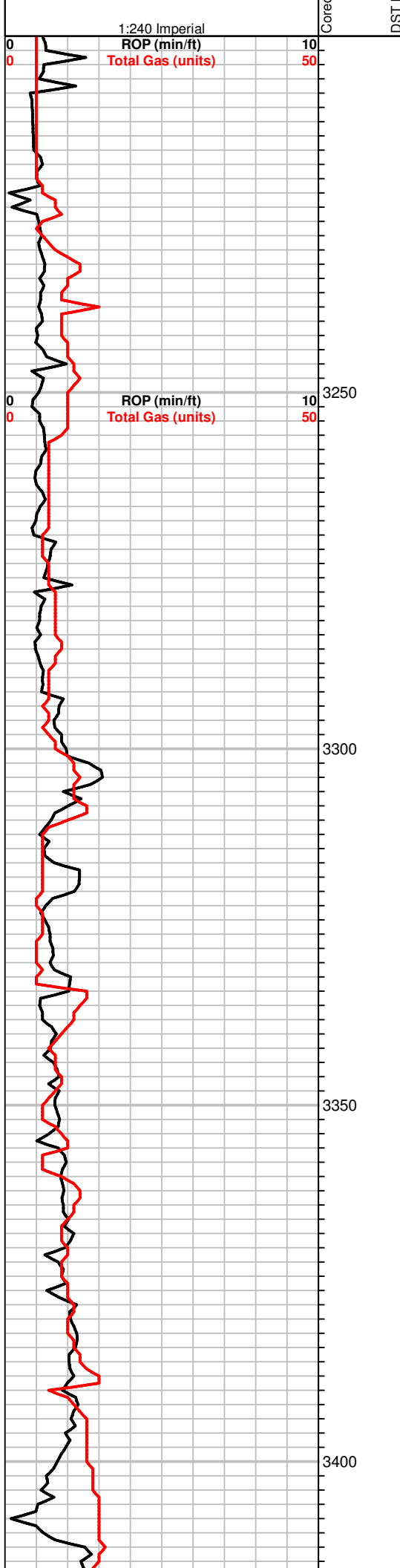
FORMATION DEPTHS

COMPARED TO:
 RED OAK ENERGY, INC
 RITA DOIDGE #1-34
 W/2 W/2 NW, 34-T14S-R41W

FORMATION DEPTHS SAMPLE (CORR.)	LOG	
STONE CORRAL	2772 (+954)	
BASE	2800 (+926)	-26
HEEBNER SHALE 4118 (-392)	4113 (-387)	-26
LANSING 4175 (-449)	4170 9-444)	-26
MUNCIE CREEK 4338 (-612)	4332 (-606)	-26
STARK SHALE 4437 (-711)	4431 (-705)	-32
PAWNEE 4655 (-929)	4651 (-925)	-32
FORT SCOTT 4699 (-973)	4696 (-970)	-35
CHEROKEE SHALE 4713 (-987)	4709 (-983)	-36
MORROW SHALE 4951 (-1225)	4948 (-1222)	-48
MORROW LIME 5031 (-1305)	5028 (-1302)	-8
MISSISSIPPIAN 5106 (-1380)	5106 (-1380)	-48

NOTES

DUE TO THE LACK OF ANY MORROW SAND OR ANY OTHER COMMERCIALY PRODUCTIVE ZONE, IT WAS DECIDED TO PLUG AND ABANDONED THE WILLOWAY 1-21 WELL.
 RESPECTFULLY SUBMITTED



**EARTH TECH GAS
DETECTOR IN OPERATION
AT APPROX. 3200'**

MUD MAN CHECK @ 3213:

WT: 9.6
VIS: 46
CHLOR: 51,000
LCM: 20#

7:00AM DEPTHS:

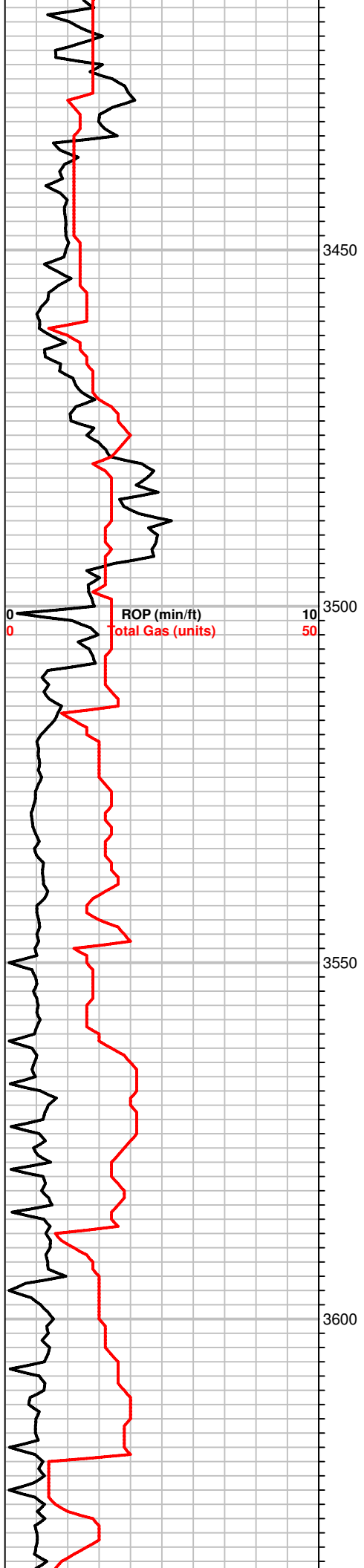
12/18/21: SPUD
12/19/21: SET SURF @ 551'
Delay until after holidays
1/5/22: 1530'
1/6/22: 2307', Lost circ @ 2062'
1/7/22: 3059', Lost circ @ 2364'
1/8/22: 3665', Change bit
1/9/22: 4088'
1/10/22: 4562'
1/11/22: 4860'
1/12/22: 4962', DST #1
1/13/22: 5093'
1/14/22: 5240 TD, Logging

DEVIATION SURVEYS:

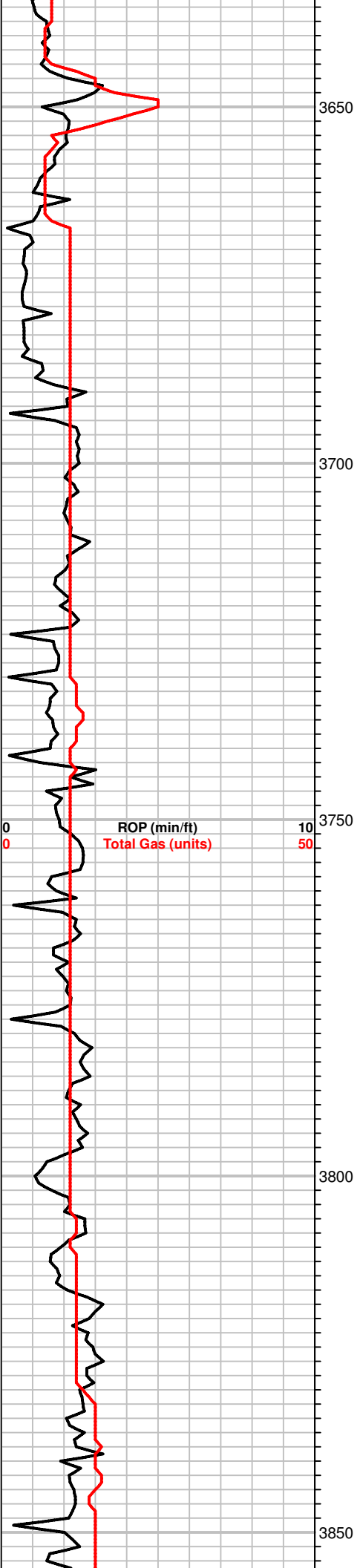
0.75 degrees @ 551'
1.0 degrees @ 1521'
1.0 degrees @ 2901'
0.75 degrees @ 4962'

LOST CIRC. ZONES:

1530' - 2502 BBLs
1805'
1930-1961'
2062' - 350 BBLs
2364'
5240



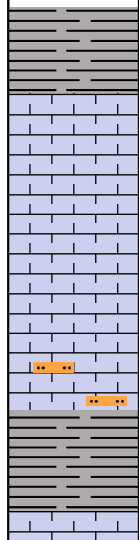
DISPLACE MUD @ 3620



CHANGED TO BUTTON BIT @ 3664

MUD MAN CHECK AT

3664:
WT: 8.6
VIS: 45
FILT: 8.0
CHLOR: 6,000
LCM: 4#



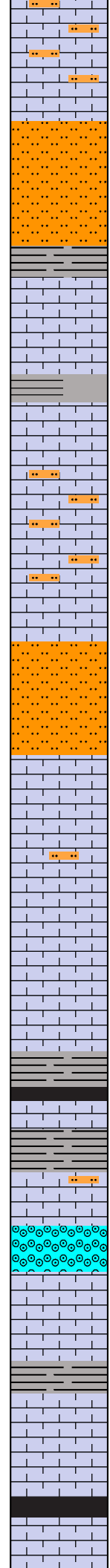
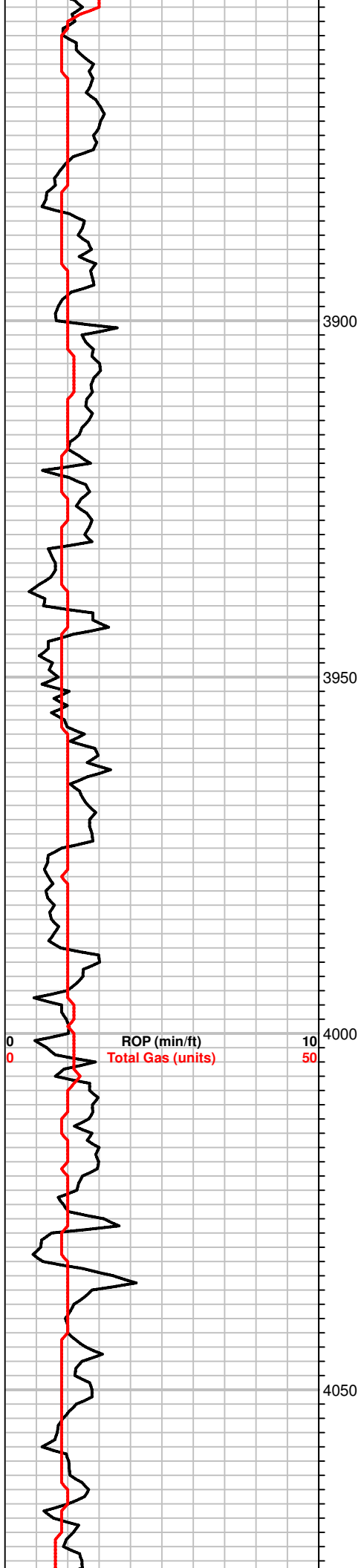
20: GRY LIME HARD & VARY COLORED SHALE

40: INC. TAN LIME PARTLY FOSS, PR. POR, NS

60: GRY SHALE & TAN LIMY SILTSTN, HD.

80: SOME TAN V. FOSS LS, SLI POROUS, NS

SAMPLES START HERE



100: INC. RED SHALE; SOME SILTY TAN LIME, PR. POR.

10: TR CRM, CHALKY LIME & TAN LIMY SILTSTN; NS

3900

20: LS, TAN, SOME V. FOSS, PR POR; TR DK GRY SHALE

30: LS, CRM FN GRAN. W/ CALCITE FILLED POR, PR-FR OVERALL GRAN POR, NS

40: LS, TAN-BRN, FOSS W/ PR INTERGRAN. POR, NS

50: CRM-BRN, DIRTY SILTY, SLI. FOSS LIME, NS

60: NO SMP.

70: SILTSTN, VERY POROUS, CLR GRNS.

3950

80: GRY, HD SILTSTN, TITE

90 & 100: LS, TAN-BRN, SLI. FOSS, PR INTERGRAN POR, NS

10: BRN, V. LMY SILTSTN & TR V. CALCITIC LIME, PR. INTERGRAN POR., NS

20: TAN, SLI. FOSS LIME, PR - FR INTERGRAN POR; TR. BLK SHALE; NS

0 ROP (min/ft) 10
0 Total Gas (units) 50

4000

30: AS ABOVE.

40: TAN, SLI. FOSS LIME W/ PR-FR INTERGRAN POR; NS

50 & 60: GRY, NON-LIMY SILTSTN, PR-FR POR. & LS BRN FOSS. TR. V. OOLITIC; PR POR; NS

70: SAME AS ABOVE.

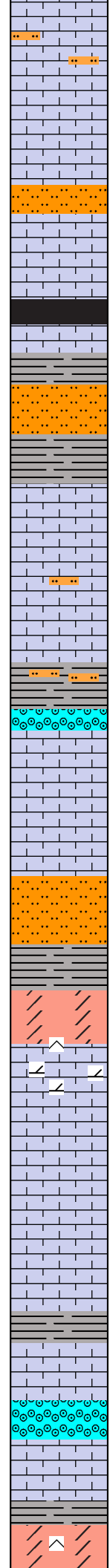
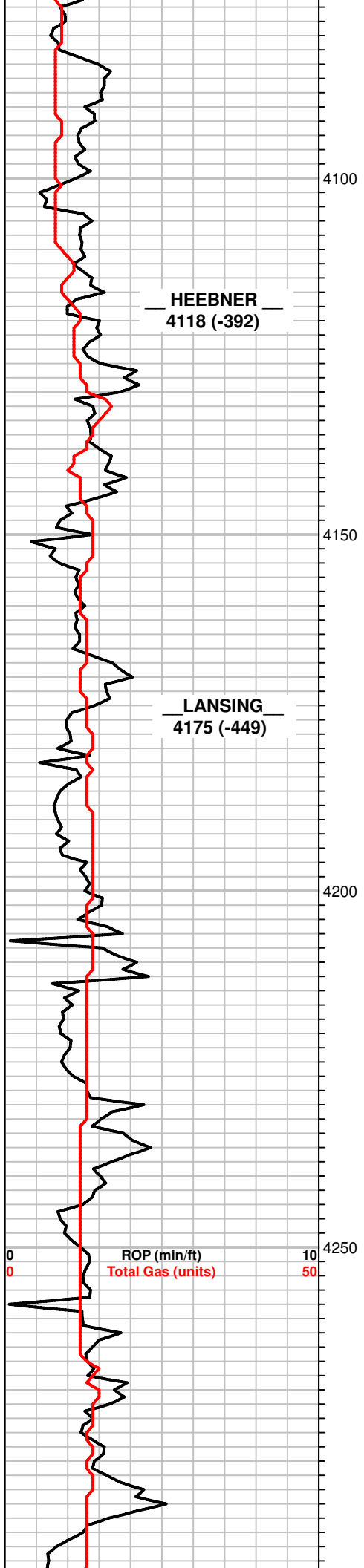
4050

80: TR BLK SHALE & LS, TAN CALCITIC W/ PR. INTERGRAN. POR; NS

90: LS, BRN, VFXLN, DSE; NS

100: :LS AS ABV TO LS BRN, SLI. FOSS W/ PR

PIPE STRAP @ 3683:
BOARD: 3683.82
STRAP: 3683.64
DIFF: SHORT: .17



- TR. FR INTERGRAN POR; NS

10: GRY SILTSTN, TITE

20: GRY, LMY SILTSTN.

30: INC. BLK SHALE

40: BRN, VFXLN LS, SLI. FOSS, PR POR; NS

50: GRY, SOFT LMY SILTSTN & V. COLORED SHALE

60: AS ABOVE.

70: LS, TAN, FN GRAN, SLI. FOSS, PR INTERGRAN POR; NS

80: LS, TAN, FN GRAN, CALCITE FILLED POR, PR-TR. FR. OVERALL INTERGRAN POR; NS

90: GRY-GRN LMY SILTSTN; TR. V. GLAUCONITIC SILTSTN W/ GD. POR; AND LS, TAN V. FOSS, PR. INTERGRAN POR; NS

100: LS, CRM V. OOLITIC W/ TR PR-FR INTER-OOL PPT POR, FEW PCS W/ SSFO&G, PR SPTY LT BRN SAT. STN, NO FLUOR; FR. ODOR

20 & 30: GRY LMY SILTSTN & GRY SHALE AND LS, TAN, FOSS W/ PR-FR INTERGRAN POR; NS

40: DOLOMITE, TAN, FXLN W/ PR. XLN POR, NS

50: DOL TAN FXLN, CHERTY, HARD; AND SOME TAN-GRY CHTY LS; NS

60: 1 PC LS, CRM, FN GRAN, CALCITIC, FR INTERGRAN POR, TR SPTY PR. STN, SLI ODOR, RBSO ALSO DK GRY LMY SILTSTN & DK GRY SHALE

70: LS, TAN, VFXLN TO FN GRAN, PR POR TO SOME SLI. CHLKY. NS

80 & 90: LS, BRN VFXLN PR POR TO FN GRAN, LIME, SOME FOSS, W/ TR. FR. INTERGRAN POR NS

100: TR LS, CRM-BRN V. OOLITIC/ FOSS, PR GRAN. POR; NS

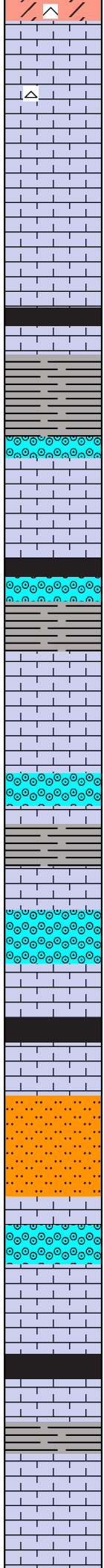
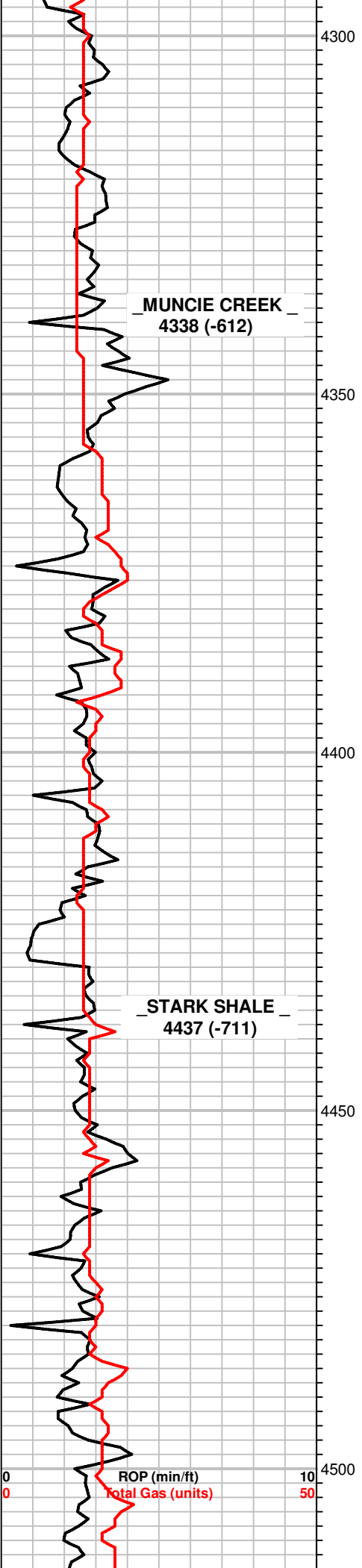
10: MORE OOLITIC/ FOSS. LM AA, PR POR AND LS, TAN, FXLN, SUCROSIC, PR. XLN POR; NS

20: DOLOMITE, CRM, FXLN SUCROSIC, CHTY, HARD, NO VIS. POR; NS

CFS 20" @ 4205

MUD MAN CHECK @ 4232:
WT: 9.1
VIS: 56
FILT: 8.0
CHLOR: 6,200
LCM: 8#

AT 4260: ADJUST MAIN AIR FLOW ON GAS DETECTOR & CLEAN EXTRACTOR @ SAMPLE BOX



30: LS, BRN, FOSS, DSE, TR. CHTY.

40: TR GRY CHERT; AND LS BRN, VFXLN, PR POR; NS

50: LS, CRM, SLI CHLKY TO LS BRN, VFXLN, PR POR; NS

60: SHALE GRY AND LS FN GRAN TO FXLN, PR POR; NS

70: LS, CRM-TAN, FN GRAN, FOSS, PR-FR INTERGRAN POR; NS

80 & 90: SHALE, GRY; AND LS CRM-TAN, V. OOLITIC- FOSS, PR. VIS. POR; NS

100: LS, BRN, GRANULAR - DETRITAL W/ SHALE FRAGS.

10: LS, CRM-BRN, V. OOLITIC- FOSS, PR-FR INTERGRAN. POR; NS

20: LS, FN- CSELY GRAN & FOSS; PR-FR INTERGRAN POR; SHALE GRY; NS

30: AS ABV; NS

40: LS, TAN, OOLITIC W/ FR. OOMOLDIC POR; NS, NF

50: TR BLK SHALE; LS BRN FN GRAN, PR-FR INTERGRAN POR; NS

60: LS, TAN V. OOLITIC W/ PR-FR OOMOLDIC POR; SHALE, GRY; NS

70: BLK & GRY SHALE AND GRY, LMY SILTSTN

80: NO SAMPLE

90: MOSTLY GRY LMY SILTSTN

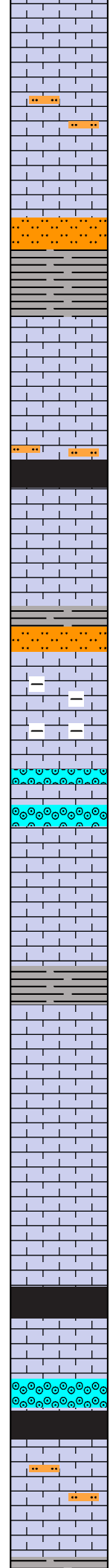
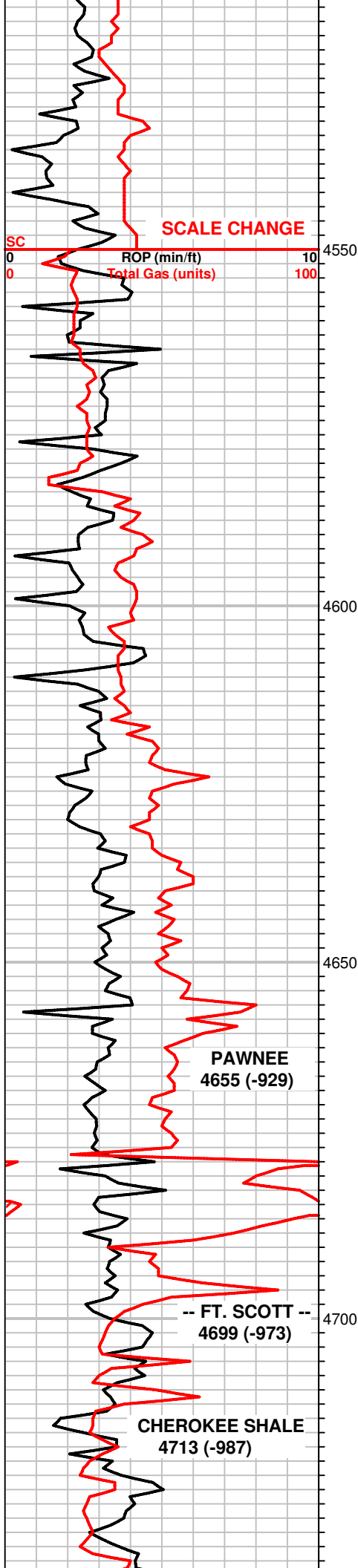
100: LS, BRN, FN GRAN, V. OOLITIC-FOSS W/ PR-FR INTERGRAN POR; NS

10: INC. SHALE, BLK AND LS, BRN, V. FN GRAN, SLI. FOSS; NS

20: LS, BRN, FN GRAN, PR POR TO SOME CRM, SOFT, SLI. CHLKY; NS

30: LS, BRN, FN - CSE GRANULAR, FOSS, PR. POR; NS

40: AS ABV, POOR SAMPLE



50: LS, BRN, FN GRAN, MOSTLY PR INTERGRAN POR; NS

60: BRN, LMY SILTSTN & LS AS ABV.

70: LS, TAN, FN GRAN, PR-FR INTERGRAN POR; NS

80: LS, CRM-TAN, FN-CSE GRAN / FOSS, PR - TR FR. INTERGRAN POR; NS

90: AS ABV TO LS, BRN, VFXLN, DSE; NS (MUCH SMALL TRASH-SOLIDS IN SAMPLE)

100: LS, BRN, VF GRAN, PR POR. TO VFXLN, DSE; NS

10: SHALE GRN, TR BLK & TAN V. LMY SILTSTN

20 & 30: LS, BRN, VFXLN, DSE; NS

40: PR SAMPLE - MUCH LCM
LS, GRAN, V. FOSS, PR POR AND SHALE, GRY, GRN; SLI. ODOR, NO OTHER SHOW

50: POOR SAMPLE

60: TR. TAN, V. OOLITIC LS W/ TR. PR. OOMOLDIC POR, SOME POR.W/ PYRITE FILL; NS

70: SAMPLE: TRASH

80: SAMPLE TRASH

90: SAMPLE TRASH

100: PR. SAMPLE: LS, BRN, FN GRAN TO VFXLN, MOSTLY PR. POR; NS

10: LS, BRN, FN GRAN - VFXLN, SOME FOSS, MOSTLY PR. POR; NS

20: POOR SAMPLE - TRASH

30: TR BLK SHALE & PYRITE; LS, FN GRAN TO XLN, V. OOLITIC, MOSTLY PR. POR; NS

40: LS, BRN, FN GRAN, V. OOLITIC, PR. POR; NS

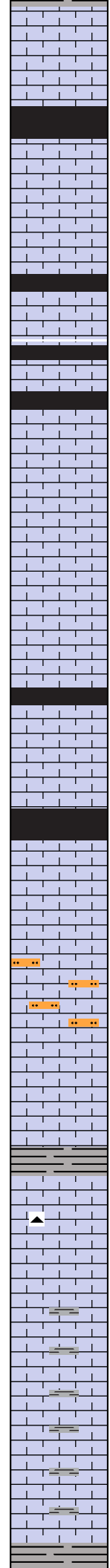
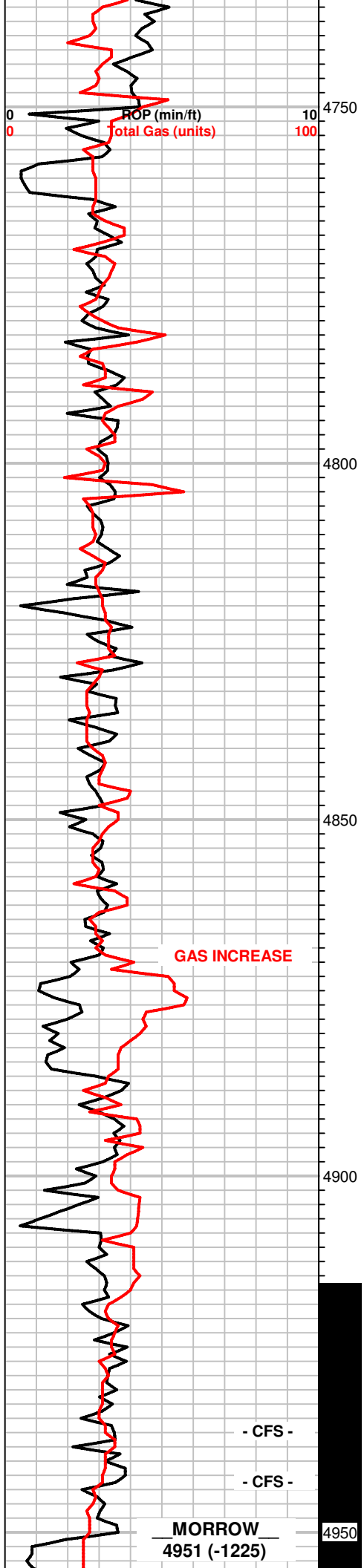
50: LIME, BRN, FN GRAN, PR. POR TO LMY BRN SILTSTN; SHALE, GRY; NS

60: LS, BRN, VFXLN, DSE AND TR BLK & GRY SHALE; NS

MUD MAN CHECK @ 4631:
WT: 9.4
VIS: 55
FILT: 9.6
CHLOR: 7,000
LCM: 7#

DRILLING MUD PROPERTIES
 FELL VERY FAST - MIXING
 MUD

**GAS INCREASES
 BELIEVED TO BE COMING
 FROM BLACK SHALES
 BELOW**



70: SHALE, BLK & GRY; LS, FN GRAN., SOME SLI. CHLKY; NS

80: LS, CRM, V. SOFT, STICKY AND SHALE, BLK.

90 & 100: LS, CRM-TAN, V. FOSS/ FRAGMENTAL IN GRANULAR MATRIX; SOME BLK & GRY SHALE; NS

10: SHALE, GRY & LS, BRN, VFXLN, SLI FOSS, DSE; NS

20: LS, BRN, VFXLN, DSE AND SILTSTN, BRN, LMY, HARD; NS

30: NO SAMPLE

40: LS, DK BRN, VFXLN, DSE AND SHALE, GRY & BLK; NS

50: NO SAMPLE

60: SHALE, BLK; LS, DK BRN, VFXLN, FOSS, DSE; NS

70: LS AS ABV; SHALE, BLK & GRY; NS

80: LS, BRN, CHERTY, SLI. FOSS, HARD, DSE AND SHALE AS ABV; NS

90: LS, BRN- DK. BRN, VFXLN, FOSS, DSE; SHALE, BLK TR. PYRITE

100: BLK SHALE & DK. BRN, V. LMY SILTSTN, HARD; SLI. ODOR.

10: DK BRN LS, FXLN, DSE; SHALE, BLK; SLI. ODOR

20: SHALE BLK, SOME CHERTY; LS, BRN, FN GRAN., APPEARS SILTY, HARD; NS

30: LS, DK BRN, VFXLN, DSE AND SHALE, BLK NS

36: LS, DK BRN, FOSS, APPEARS SILTY TO PYRITIC; BLK CHERT; SHALE, GRY; NS

4936 CIRC: SMALL AMOUNT GRY & DK GRY SHALE; NO SAND.

4943 CIRC: SHALE GRY, NO SAND

4950 CIRC: SHALE BLK & GRY; LS, CRM-TAN, FN GRAN/ FRAG, PR-FR GRAN POR; NS

4956 CIRC: SHALE, LT. GRY, V. SOFT, STICKY

**SHORT TRIP @ 4813'
PULLED 25 STANDS
TITE @ 3737 - 3985'**

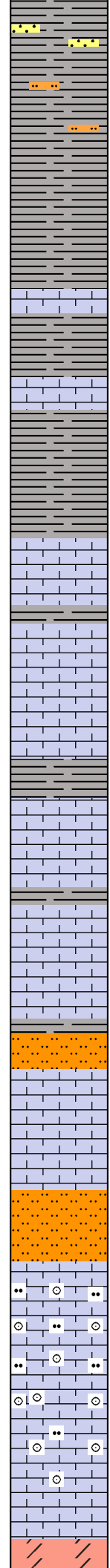
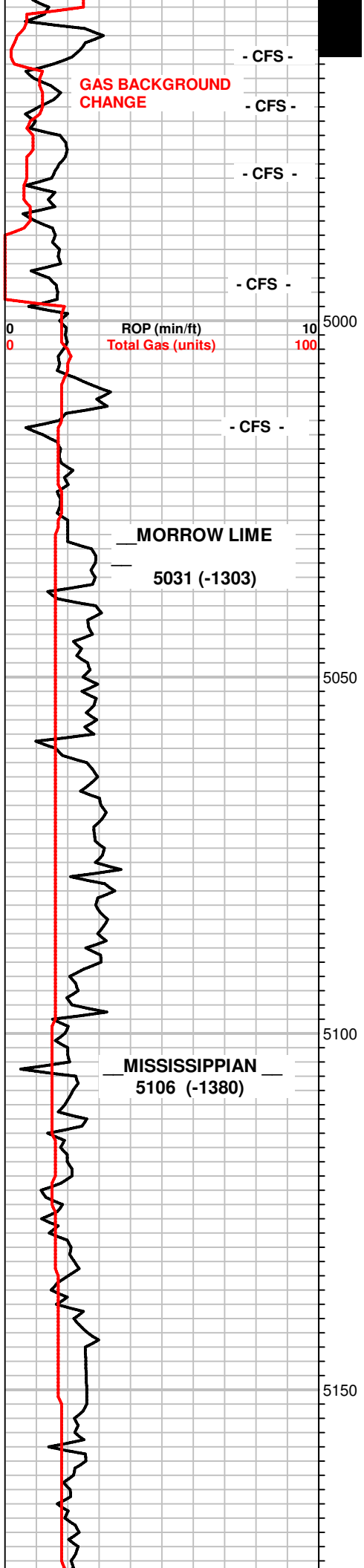
MUD MAN CHECK @ 4937:
WT: 9.3
VIS: 54
FILT: 8.0
CHLOR: 7,100
LCM: 6#

DST #1: 4915-4963
TIMES: 30-30-60-90
IF: 1/4" Blow - Died In 30"
ISI: No Return Blow
FF: No Blow
REC: 10 FT. Drilling Mud
IFP: 31-32#, FFP: 33-36#
SIP: 66-63#
HP: 2540-2469#
BHT: 129 Degrees.

Note: This was a condemnation test due to mis-correlation, poor samples and belief that the gas detector was not working at the time.

SAMPLES GOT BAD QUICKLY: MIX MUD AT 4943

- CFS 4950 -



4963 CIRC: FEW PCS SST, SILT - MED GRNED, CLR, SBANG-SBRD, W/ CRM LM CEMENT, PR-

4970 CIRC: SHALE, GRY, BLK AND FEW PCS GRY LMY SILTSTN, TITE

4980 CIRC: TR GRY, SHLY SILTSTN & SH. AA

4995: 40 CIRC: SHALE, LT. GRY- GRN, V. SOFT & STICKY

60 CIRC: SHALE, LT - DK GRY, GRN & PYRITE

5015: 30 CIRC: LS, BRN, FOSS/ FRAGMENTAL PR. POR AND SHALE AA; NS

5015: 60 CIRC: LS, CRM-BRN, XLN TO FN GRAN, FOSS, PR. POR; NS

SHALE, GRY, GRN.

60: LS, BRN, FN GRAN- XLN, V. FOSS, V. SLI. GLAUC, PR POR TO LS, CRM, SOFT CHLKY; NS

70: LS, BRN, XLN, CESELY FOSS, PR-FR XLN POR; NS

80: LS, AS ABOVE; NS

90: NO SAMPLE

100: LS, AS ABV, BRN, XLN, CESELY FOSS, TR. GLAUCONITIC, PR - TR. FR XLN POR; NS

10: LS AS ABOVE; NS

20: LS, AS ABV, TR. MED SAND GRNS INTERMIXED; NS

30: LS, AS ABV AND SOME LMY SILTSTN; NS

40: TR. LS BRN, VFXLN, V. SLI. FOSS, DSE; NS

50: TR LS BRN, FN GRAN, PR. POR AND CRM NON-LMY SILTSTN, TITE; NS

60: LS, TAN, FN GRAN, MICRO-OOLITIC, ARENACEOUS W/ FR. GRAN POR; NS

70: POOR SAMPLE - AS ABOVE.

80: LS AS ABOVE, MICRO-OOLITIC, ARENACEOUS, PR-FR. GRAN. POR; NS

90: V. POOR SAMPLE; CP. PCS LS AS ABOVE.

100: POOR SAMPLE

10: DOLO, FXLN, BRN/ SPTY GRY, PR-FR. XLN POR; NS

- CFS 4956 -

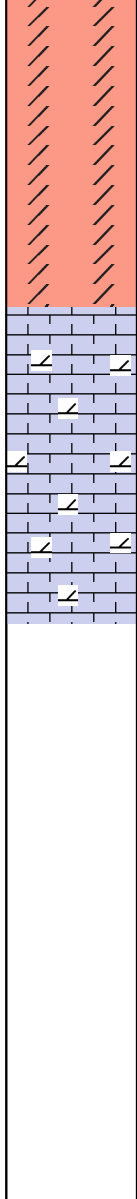
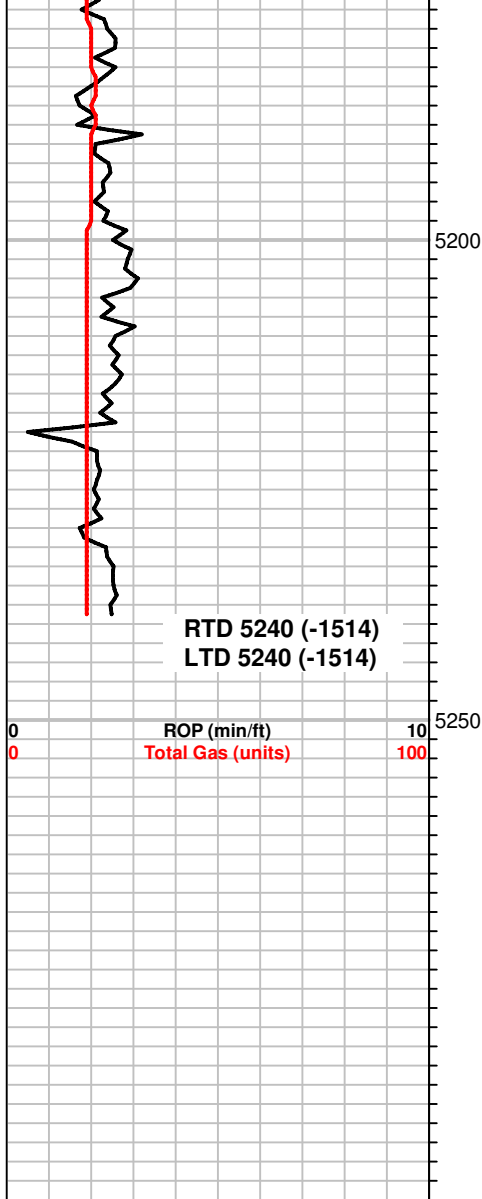
SAMPLES BETTER

MUD MAN CHECK @ 4962:
WT: 9.3
VIS: 49
FILT: 8.0
CHLOR: 6,000
LCM: 6#

POWER PLANT DOWN FOR 2 HOURS AT 4985

AFTER POWER PLANT DOWN GAS DETECTOR NOT WORKING PROPERLY.

ADDING MUD HERE



20: DOLO, AS ABOVE AND TR. DK BRN, FXLN, SUCROSIC DOL, DSE; NS

30: LS, BRN, CSELY FOSS/ FRAGMENTAL W/ FOSS & LS FRAGMENTS IN FXLN LIME MATRIX W/ PR. POR, SOME IS CRM, SLI CHLKY; NS

40: CSELY FOSS. LS, AS ABOVE, SOME DOLOMITIC TO TR. DOL. BRN/ SPTY GRY, FXLN, PR. POR; NS

5240: 20" CIRC: LS, BRN, SPTY GRY, FXLN, DOLOMITIC, PR. XLN POR; NS

5240: 60" CIRC: LS, BRN, XLN, FOSS & FRAGMENTAL, SOME DOLOMITIC TO DOL., BRN, FXLN, SUCROSIC W/ PR. XLN POR; NS

MUD MAN CHECK @ 5196:
WT: 9.4
VIS: 60
FILT: 9.6
CHLOR: 8,100
LCM: 5#

LOST 100 BBLs MUD WHILE CIRC TO CLEAN HOLE FOR LOG. TOO H TO SURF. CSG. - MIX MUD & REGAIN CIRC. TOO H FOR LOG.

PLUGGED & ABANDONED @ 5240.

Hurricane Services, Inc.
 250 N. Water St., Suite #200
 Wichita, KS 67202



Customer	Steilbar Oil Corp	Lease & Well #	Willoway Farms # 1-21	Date	12/18/2021
Service District	Oakley KS	County & State	Wallace KS	Legals S/T/R New Well?	21-14S-41W
Job Type	Surface	<input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No	Job #	WP 2237
Equipment #	73	Driver	Josh	Job Safety Analysis - A Discussion of Hazards & Safety Procedures <input checked="" type="checkbox"/> Hard hat <input checked="" type="checkbox"/> H2S Monitor <input checked="" type="checkbox"/> Safety Footwear <input checked="" type="checkbox"/> FRC/Protective Clothing <input checked="" type="checkbox"/> Hearing Protection <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Eye Protection <input type="checkbox"/> Respiratory Protection <input type="checkbox"/> Additional Chemical/Acid PPE <input checked="" type="checkbox"/> Fire Extinguisher <input checked="" type="checkbox"/> Lockout/Tagout <input checked="" type="checkbox"/> Required Permits <input checked="" type="checkbox"/> Slip/Trip/Fall Hazards <input checked="" type="checkbox"/> Overhead Hazards <input type="checkbox"/> Additional concerns or issues noted below <input checked="" type="checkbox"/> Warning Signs & Flagging <input checked="" type="checkbox"/> Fall Protection <input type="checkbox"/> Specific Job Sequence/Expectations <input checked="" type="checkbox"/> Muster Point/Medical Locations	

Comments

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amount
		job	1.00				\$1,125.00
D011	Depth Charge: 501'-1000'						\$117.00
		mi	65.00				\$234.00
M015	Light Equipment Mileage	mi	65.00				\$1,649.70
M010	Heavy Equipment Mileage	tm	1,222.00				\$225.00
M020	Ton Mileage	job	1.00				
C050	Cement Plug Container						\$324.00
		ea	4.00				\$337.50
FE250	8 5/8" Centralizer	ea	1.00				\$175.50
FE275	8 5/8" AFU Flapper Insert Valve	ea	1.00				
FE285	8 5/8" Rubber Plug						\$7,200.00
		sack	400.00				
CP015	H-325						

Customer Section: On the following scale how would you rate Hurricane Services Inc.?

Based on this job, how likely is it you would recommend HSI to a colleague?

1 2 3 4 5 6 7 8 9 10 Extremely Likely
 Unlikely

Gross:	Net:	\$11,387.70
Total Taxable \$ -	Tax Rate:	
Sale Tax:		\$ -
Total:		\$ 11,387.70

HSI Representative: *Josh Mosier*

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

CUSTOMER AUTHORIZATION SIGNATURE

X



CEMENT TREATMENT REPORT

Customer:	Stelbar Oil Corp	Well:	Willoway Farms # 1-21	Ticket:	WP 2237
City, State:	Oakley KS	County:	Wallace KS	Date:	12/18/2021
Field Rep:	Josh Mosier	S-T-R:	21-14S-41W	Service:	Surface

Downhole Information	
Hole Size:	12.25 in
Hole Depth:	551 ft
Casing Size:	8 5/8 in
Casing Depth:	545.83 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	32.8 bbls

Calculated Slurry - Lead	
Blend:	H-325
Weight:	14.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.41 ft ³ / sx
Annular Bbls / Ft.:	0.0735 bbs / ft.
Depth:	545.83 ft
Annular Volume:	40.1 bbls
Excess:	
Total Slurry:	100.4 bbls
Total Sacks:	400 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
315P			-	-	GOT TO LOCATION
320P					SAFETY MEETING
325P					RIGGED UP TRUCKS
625P					LANDED CASING
630P					CIRCULATED HOLE
642P	3.0	150.0	5.0	5.0	PUMPED H2O AHEAD
644P	3.5	400.0	100.4	105.4	PUMPED 400 SKS OF H- 325 @ 545FT
704P				105.4	SHUT DOWN WASHED UP PUMP TRUCK/LOADED RUBBER PLUG
710P	5.2	350.0	32.8	138.2	DISPLACED WITH H2O
715P			28.0	164.2	LOST CIRCULATION WITH 26 BBL OF H2O OUT SHUT DOWN
720P	2.0	150.0	7.0	171.2	START UP DISPLACING AGAIN @ 2BBL PER MIN/ STARTED FILLING CELLER
724P		450.0			LANDED PLUG /TOOK IT 300 PSI OVER
727P					RELEASED PRESSURE /PLUG HELD
					GOT A TRACE OF CEMENT IN BOTTOM OF CELLER
730P					WASHED UP PUMP TRUCK
740P					RIGGED DOWN TRUCKS
					WAITED 30 MIN TO SEE IF CEMENT WOULD FALL
830P					OFF LOCATION

	CREW		UNIT	SUMMARY		
				Average Rate	Average Pressure	Total Fluid
Cementer:	Josh		73	3.4 bpm	300 psi	171 bbls
Pump Operator:	John		208			
Bulk #1:	Triveno		194/235			
Bulk #2:						



Customer	Stelbar Oil Corp	Lease & Well #	Willoway Farms #1-21	Date	1/14/2022
Service District	Oakley KS	County & State	Wallace KS	Legals S/T/R	21-14S-41W
Job Type	PTA	<input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No	Job #
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			Ticket #

Equipment #	Driver	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Lockout/Tagout	<input checked="" type="checkbox"/> Warning Signs & Flagging
64	Tommy	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input checked="" type="checkbox"/> Required Permits	<input checked="" type="checkbox"/> Fall Protection
208	John	<input checked="" type="checkbox"/> Safety Footwear	<input checked="" type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations
242	Jose	<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations
		<input checked="" type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	

Comments

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
cp055	H-Plug	sack	240.00	\$2,870.40
m015	Light Equipment Mileage	mi	70.00	\$128.80
m010	Heavy Equipment Mileage	mi	70.00	\$257.60
m020	Ton Mileage	tm	747.60	\$1,031.69
fe290	8 5/8" Wooden Plug	ea	1.00	\$156.40
c025	Cement Pump - Hourly Service	hr	3.00	\$483.00
d012	Depth Charge: 1001'-2000'	job	1.00	\$1,380.00
c060	Cement Blending & Mixing Service	sack	240.00	\$309.12

Customer Section: On the following scale how would you rate Hurricane Services Inc.?

Based on this job, how likely is it you would recommend HSI to a colleague?

Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely

Total Taxable	\$ -	Tax Rate:		Net:	\$6,617.01
State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.				Sale Tax:	\$ -
				Total:	\$ 6,617.01

HSI Representative: *Thomas Dundas*

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X _____ **CUSTOMER AUTHORIZATION SIGNATURE**

