

Form	ACO1 - Well Completion
Operator	RL Investment, LLC
Well Name	PFEIFER TRUST 2-8
Doc ID	1401525

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	261	Common	185	3%cc, 2%gel

REMIT TO

RR 1 BOX 90 D

HOXIE, KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

N2 000616

DATE 12/8	SEC. 8	RANGE/TWP. 12-25	CALLED OUT	ON LOCATION	JOB START 3:20AM	JOB FINISH 4:45AM
LEASE PS 2-6-10			WELL # 28		COUNTY Trego	STATE KS

CONTRACTOR	STP Drilling	OWNER	R+L		
TYPE OF JOB	Rotary Plug				
HOLE SIZE 7 7/8	T.D.	CEMENT			
CASING SIZE	DEPTH	AMOUNT ORDERED	240		
TUBING SIZE	DEPTH				
DRILL PIPE	DEPTH				
TOOL	DEPTH				
PRES. MAX	MINIMUM	COMMON	144	@	
DISPLACEMENT	SHOE JOINT	POZMIX	96	@	
CEMENT LEFT IN CSG.		GEL	8	@	
PERFS		CHLORIDE		@	
		ASC		@	
EQUIPMENT				@	
		Flo-seal	60 lbs	@ 225	
PUMP TRUCK				@	
# Jerry				@	
BULK TRUCK				@	
# Jack				@	
BULK TRUCK				@	
#				@	
		HANDLING	248	@ 212	
		MILEAGE		@ 1984	
				TOTAL	

REMARKS	SERVICE	Rotary Plug		
50 SX 2187'	DEPT OF JOB		@	
100 SX 1203'	PUMP TRUCK CHARGE		@	18 50
50 SX 311'	EXTRA FOOTAGE		@	
10 SX 40'	MILEAGE		@	
	MANIFOLD		@	
Rot Hole 30 SX			@	
			TOTAL	

CHARGES TO: R L	
STREET	STATE
CITY	ZIP

To: Schippers Oil Field Services L.L.C.

You are hereby requested to rent cementing equipment and furnish staff to assist owner or contractor to do work as is listed. The above work was done to satisfaction and

PLUG & FLOAT EQUIPMENT	
	@
	@
	@

REMIT TO
RR 1 BOX 90 D
HOXIE, KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

N2 000613

DATE 11-30-2018	RANGE/TWP. 25W 12S	CALLED OUT 1:00pm	ON LOCATION 1:45pm	JOB START 3:15pm	JOB FINISH
LEASE PFCIFR Trust		WELL# 2-8		COUNTY Trego	STATE KS

CONTRACTOR STD Drilling	OWNER R+L		
TYPE OF JOB Surface			
HOLE SIZE 12 1/4	T.D. 261	CEMENT 185	
CASING SIZE 8 5/8	DEPTH 252.75	AMOUNT ORDERED	
TUBING SIZE	DEPTH +9 Landing Joint		
DRILL PIPE 4 1/2	DEPTH		
TOOL	DEPTH		
PRES. MAX	MINIMUM	COMMON 185	@
DISPLACEMENT 15 BBL	SHOE JOINT 42.10	POZMIX	@
CEMENT LEFT IN CSG. 15'		GEL	@
PERFS		CHLORIDE	@
		ASC	@
EQUIPMENT			@
			@
PUMP TRUCK	Jeremy Stuckey		@
#			@
BULK TRUCK	Jack Toller		@
#			@
BULK TRUCK	Nick Austerman		@
#			@
		HANDLING	@
		MILEAGE 39	@
		TOTAL	

REMARKS	SERVICE		
Did circ	DEPT OF JOB	@	
	PUMP TRUCK CHARGE	@	
	EXTRA FOOTAGE	@	
plug Down @ 3:30pm	MILEAGE 39	@	
	MANIFOLD	@	
		@	
		TOTAL	

CHARGES TO: R+L I have	
STREET	STATE
CITY	ZIP

To: Schippers Oil Field Services L.L.C.

You are hereby requested to rent cementing equipment and furnish staff to assist owner or contractor to do work as is listed. The above work was done to satisfaction and

PLUG & FLOAT EQUIPMENT	
	@
	@
	@



**Company: R. L. Investment,
LLC**
Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE
December
05
2017

DST #1 Formation: Lans "B" Test Interval: 3921 - 3938' Total Depth: 3938'

Time On: 04:50 12/05 Time Off: 13:46 12/05
Time On Bottom: 09:00 12/05 Time Off Bottom: 12:00 12/05

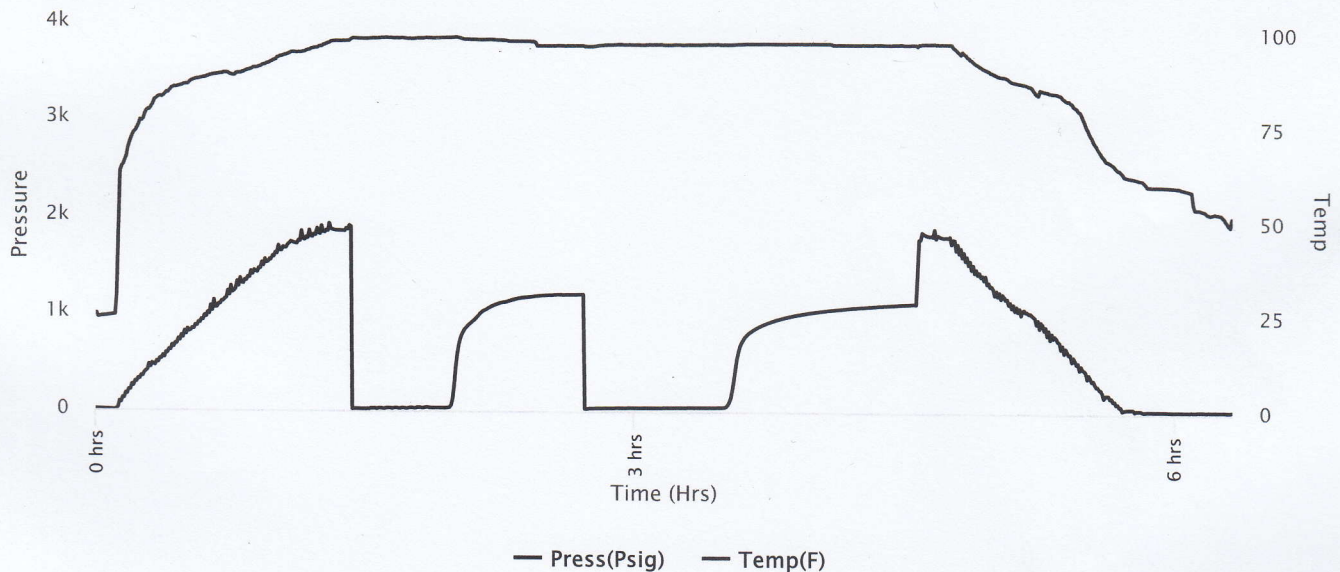
Electronic Volume
Estimate:
113'

1st Open
Minutes: 30
2.4" at 30 min

1st Close
Minutes: 45
1.4" at 45 min

2nd Open
Minutes: 45
0" at 45 min

2nd Close
Minutes: 60
0" at 60 min





Company: R. L. Investment,
LLC

Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE

December

05

2017

DST #1 Formation: Lans "B" Test Interval: 3921 - 3938' Total Depth: 3938'

Time On: 04:50 12/05

Time Off: 13:46 12/05

Time On Bottom: 09:00 12/05

Time Off Bottom: 12:00 12/05

Recovered

Foot

BBLs

20

0.0984

Description of Fluid

SLWCM

Gas %

0

Oil %

0

Water %

10

Mud %

90

Total Recovered: 20 ft

Total Barrels Recovered: 0.0984

Reversed Out

NO

Recovery at a glance

Initial Hydrostatic Pressure	1856	PSI
Initial Flow	21 to 35	PSI
Initial Closed in Pressure	1203	PSI
Final Flow Pressure	28 to 44	PSI
Final Closed in Pressure	1118	PSI
Final Hydrostatic Pressure	1819	PSI
Temperature	98	°F
Pressure Change Initial	7.1	%
Close / Final Close		

BBL 0.05

0

Recovery

● Gas 0% ● Oil 0% ● Water 10% ● Mud 90%



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LLC**
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County: TREGO
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Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE

December

05

2017

DST #1 Formation: Lans "B" Test Interval: 3921 - Total Depth: 3938'
3938'

Time On: 04:50 12/05

Time Off: 13:46 12/05

Time On Bottom: 09:00 12/05 Time Off Bottom: 12:00 12/05

REMARKS:

Initial Flow: Blow increasing to 3 ins. Died to 2.4 ins.

Initial Shut-in: Blow increasing to 1.4 ins.

Final Flow: No blow.

Final Shut-in: No blow.

Tool Sample: 10% water, 90% mud



**Company: R. L. Investment,
LLC**

Lease: Pfeifer Trust #2-8

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County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE
December
05
2017

DST #1 Formation: Lans "B" Test Interval: 3921 - 3938' Total Depth: 3938'

Time On: 04:50 12/05 Time Off: 13:46 12/05
Time On Bottom: 09:00 12/05 Time Off Bottom: 12:00 12/05

Down Hole Makeup

Heads Up:	16.99 FT	Packer 1:	3915.5 FT
Drill Pipe:	3787.56 FT	Packer 2:	3921 FT
<i>ID-3 1/2</i>		Top Recorder:	3904.92 FT
Weight Pipe:	FT	Bottom Recorder:	3936 FT
<i>ID-2 7/8</i>		Well Bore Size:	7 7/8
Collars:	122.19 FT	Surface Choke:	1"
<i>ID-2 1/4</i>		Bottom Choke:	5/8"
Test Tool:	29.24 FT		
<i>ID-3 1/2-FH</i>			
<i>Safety Joint</i>			
Total Anchor:	17		

Anchor Makeup

Packer Sub:	1 FT
Perforations: (top):	13 FT
<i>4 1/2-FH</i>	
Change Over:	FT
Drill Pipe: (in anchor):	FT
<i>ID-3 1/2</i>	
Change Over:	FT
Perforations: (below):	3 FT
<i>4 1/2-FH</i>	



**Company: R. L. Investment,
LLC**
Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE
December
05
2017

DST #1 Formation: Lans "B" Test Interval: 3921 - Total Depth: 3938'
3938'

Time On: 04:50 12/05 Time Off: 13:46 12/05
Time On Bottom: 09:00 12/05 Time Off Bottom: 12:00 12/05

Mud Properties

Mud Type: Chemical **Weight:** 8.7 **Viscosity:** 60 **Filtrate:** 6.8 **Chlorides:** 1,700 ppm



Company: R. L. Investment,
LLC

Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE

December

06

2017

DST #2

Formation: Lans "I"

Test Interval: 4045 -
4075'

Total Depth: 4075'

Time On: 06:37 12/06

Time Off: 13:39 12/06

Time On Bottom: 09:00 12/06

Time Off Bottom: 12:00 12/06

Electronic Volume
Estimate:

22'

1st Open

Minutes: 30

.7" at 30 min

1st Close

Minutes: 45

0" at 45 min

2nd Open

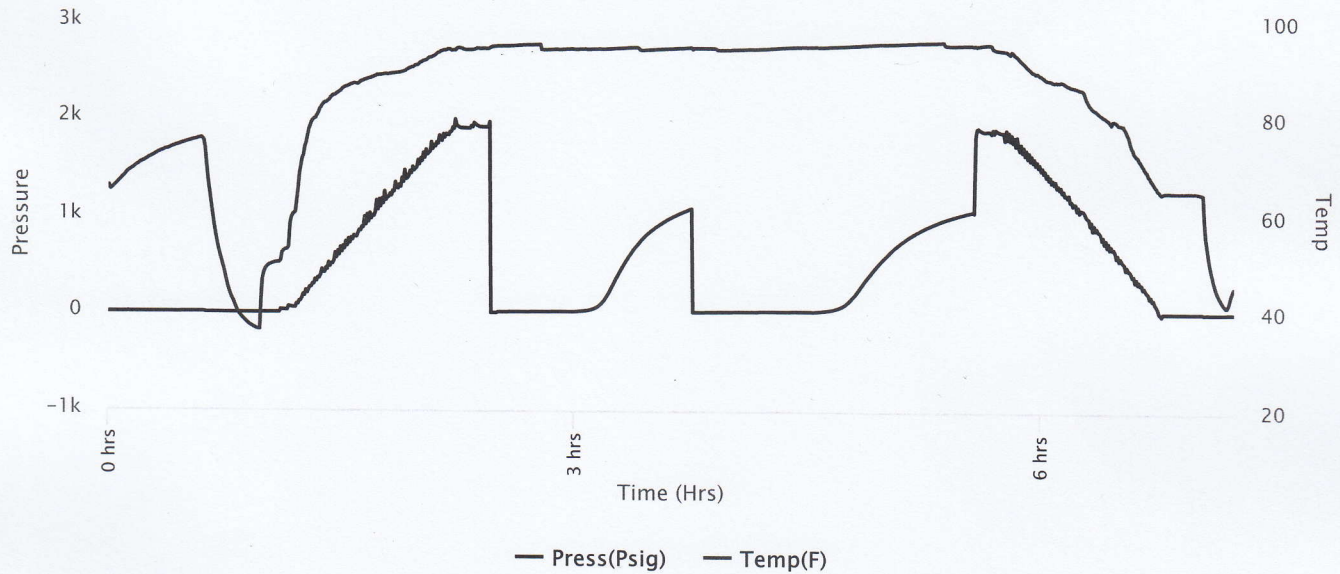
Minutes: 45

0" at 45 min

2nd Close

Minutes: 60

0" at 60 min





**Company: R. L. Investment,
LLC**
Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE
December
06
2017

DST #2 **Formation: Lans "I"** **Test Interval: 4045 - 4075'** **Total Depth: 4075'**

Time On: 06:37 12/06 Time Off: 13:39 12/06
Time On Bottom: 09:00 12/06 Time Off Bottom: 12:00 12/06

Recovered

<u>Foot</u>	<u>BBLs</u>
5	0.0246

<u>Description of Fluid</u>
M

<u>Gas %</u>
0

<u>Oil %</u>
0

<u>Water %</u>
0

<u>Mud %</u>
100

Total Recovered: 5 ft
Total Barrels Recovered: 0.0246

Reversed Out
NO

Recovery at a glance

Initial Hydrostatic Pressure	1915	PSI
Initial Flow	4 to 18	PSI
Initial Closed in Pressure	1081	PSI
Final Flow Pressure	14 to 23	PSI
Final Closed in Pressure	1049	PSI
Final Hydrostatic Pressure	1886	PSI
Temperature	96	°F
Pressure Change Initial Close / Final Close	3.0	%

0.02

BBL

0.01

0

Recovery

● Gas	● Oil	● Water	● Mud
0%	0%	0%	100%



**Company: R. L. Investment,
LLC**

Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE
December
06
2017

DST #2 Formation: Lans "I" Test Interval: 4045 - 4075' Total Depth: 4075'

Time On: 06:37 12/06 Time Off: 13:39 12/06
Time On Bottom: 09:00 12/06 Time Off Bottom: 12:00 12/06

REMARKS:

Initial Flow: Blow increasing to .7 in.

Initial Shut-in: No blow.

Final Flow: No blow.

Final Shut-in: No blow.

Tool Sample: 100% mud



**Company: R. L. Investment,
LLC**

Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE
December
06
2017

DST #2 **Formation: Lans "I"** **Test Interval: 4045 - 4075'** **Total Depth: 4075'**

Time On: 06:37 12/06 Time Off: 13:39 12/06
Time On Bottom: 09:00 12/06 Time Off Bottom: 12:00 12/06

Down Hole Makeup

Heads Up: 21.76 FT

Packer 1: 4039.5 FT

Drill Pipe: 3916.33 FT
ID-3 1/2

Packer 2: 4045 FT

Weight Pipe: 0 FT
ID-2 7/8

Top Recorder: 4028.92 FT

Collars: 122.19 FT
ID-2 1/4

Bottom Recorder: 4073 FT

Test Tool: 29.24 FT
ID-3 1/2-FH
Safety Joint

Well Bore Size: 7 7/8

Surface Choke: 1"

Bottom Choke: 5/8"

Total Anchor: 30

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 26 FT
4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT
ID-3 1/2

Change Over: FT

Perforations: (below): 3 FT
4 1/2-FH



**Company: R. L. Investment,
LLC**
Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE
December
06
2017

DST #2 **Formation: Lans "I"** **Test Interval: 4045 - 4075'** **Total Depth: 4075'**

Time On: 06:37 12/06 Time Off: 13:39 12/06
Time On Bottom: 09:00 12/06 Time Off Bottom: 12:00 12/06

Mud Properties

Mud Type: Chemical **Weight:** 9.1 **Viscosity:** 55 **Filtrate:** 6.8 **Chlorides:** 2,100 ppm



**Company: R. L. Investment,
LLC**

Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25' V
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE
December
06
2017

DST #3 Formation: Lans "J" Test Interval: 4080 - Total Depth: 4095'
4095'

Time On: 22:43 12/06 Time Off: 04:53 12/07
Time On Bottom: 00:30 12/07 Time Off Bottom: 02:30 12/07

Mud Properties

Mud Type: Chemical **Weight:** 9.1 **Viscosity:** 65 **Filtrate:** 6.8 **Chlorides:** 2,900 ppm



**Company: R. L. Investment,
LLC**
Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE
December
06
2017

DST #3 Formation: Lans "J" Test Interval: 4080 - 4095' Total Depth: 4095'

Time On: 22:43 12/06 Time Off: 04:53 12/07
Time On Bottom: 00:30 12/07 Time Off Bottom: 02:30 12/07

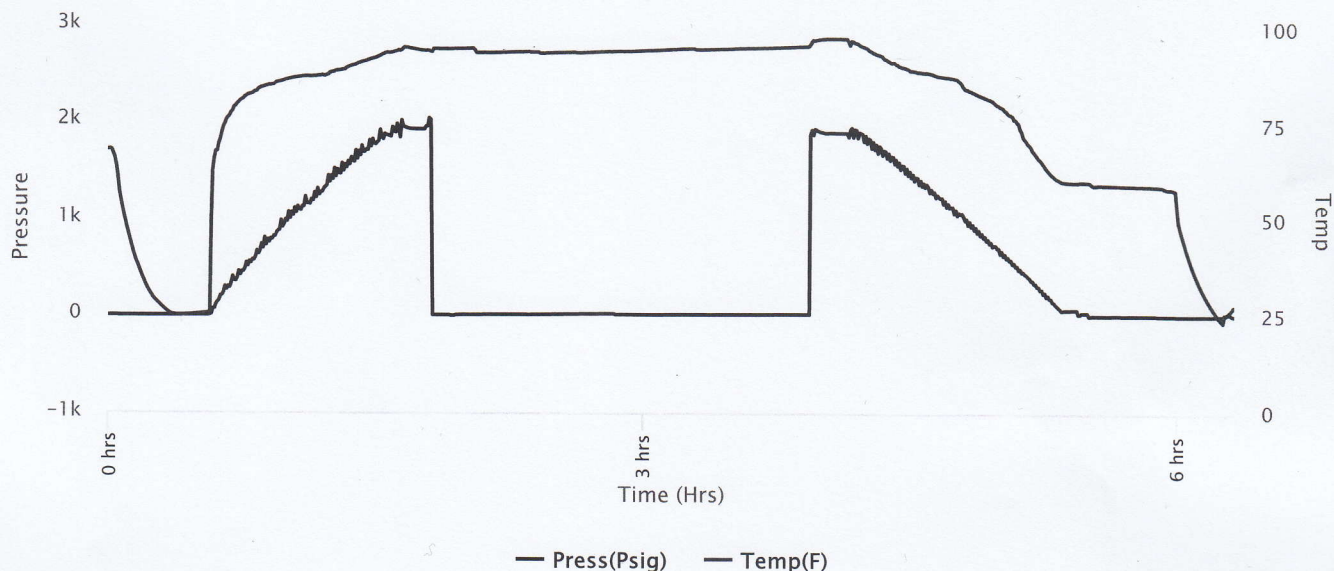
Electronic Volume
Estimate:
19'

1st Open
Minutes: 30
.6" at 30 min

1st Close
Minutes: 30
0" at 30 min

2nd Open
Minutes: 30
0" at 30 min

2nd Close
Minutes: 30
0" at 30 min





**Company: R. L. Investment,
LLC**
Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE
December
06
2017

DST #3 **Formation: Lans "J"** **Test Interval: 4080 - 4095'** **Total Depth: 4095'**

Time On: 22:43 12/06 Time Off: 04:53 12/07
Time On Bottom: 00:30 12/07 Time Off Bottom: 02:30 12/07

Recovered

<u>Foot</u>	<u>BBLs</u>
5	0.0246

<u>Description of Fluid</u>
M

<u>Gas %</u>
0

<u>Oil %</u>
0

<u>Water %</u>
0

<u>Mud %</u>
100

Total Recovered: 5 ft

Total Barrels Recovered: 0.0246

Reversed Out
NO

Recovery at a glance

Initial Hydrostatic Pressure	1919	PSI
Initial Flow	3 to 8	PSI
Initial Closed in Pressure	17	PSI
Final Flow Pressure	9 to 10	PSI
Final Closed in Pressure	12	PSI
Final Hydrostatic Pressure	1884	PSI
Temperature	96	°F
Pressure Change Initial Close / Final Close	31.4	%

0.02
0.01
0

BBL

Recovery

● Gas	● Oil	● Water	● Mud
0%	0%	0%	100%



**Company: R. L. Investment,
LLC**
Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE
December
06
2017

DST #3 Formation: Lans "J" Test Interval: 4080 - Total Depth: 4095'
4095'

Time On: 22:43 12/06 Time Off: 04:53 12/07
Time On Bottom: 00:30 12/07 Time Off Bottom: 02:30 12/07

REMARKS:

Initial Flow: Blow increasing to .6 in.
Initial Shut-in: No blow.
Final Flow: No blow.
Final Shut-in: No blow.

Tool Sample: 100% mud



**Company: R. L. Investment,
LLC**

Lease: Pfeifer Trust #2-8

SEC: 8 TWN: 12S RNG: 25W
County: TREGO
State: Kansas
Drilling Contractor: STP Drilling, LLC -
Rig 1
Elevation: 2578 EGL
Field Name: Collyer Townsite
Pool: Infield
Job Number: 89

DATE
December
06
2017

DST #3 Formation: Lans "J" Test Interval: 4080 - 4095' Total Depth: 4095'

Time On: 22:43 12/06 Time Off: 04:53 12/07
Time On Bottom: 00:30 12/07 Time Off Bottom: 02:30 12/07

Down Hole Makeup

Heads Up: 18.12 FT
Drill Pipe: 3947.69 FT
ID-3 1/2
Weight Pipe: 0 FT
ID-2 7/8
Collars: 122.19 FT
ID-2 1/4
Test Tool: 29.24 FT
ID-3 1/2-FH
Safety Joint

Total Anchor: 15

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 11 FT
4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT
ID-3 1/2

Change Over: FT

Perforations: (below): 3 FT
4 1/2-FH

Packer 1: 4074.5 FT
Packer 2: 4080 FT
Top Recorder: 4063.92 FT
Bottom Recorder: 4093 FT
Well Bore Size: 7 7/8
Surface Choke: 1"
Bottom Choke: 5/8"

OPERATOR

Company: R.L. Investment, LLC
Address: 2698 JO Terrace
Hill City, KS. 67642

Contact Geologist:
Contact Phone Nbr:

Well Name: Pfiefer Trust # 2-8
Location: Section 08-12S-25W: 531 FNL 330
API: 15-063-22317-00-00
Pool: Oil Development.
State: Kansas

Field: Collyer Townsite
Country: USA

Scale 1:240 Imperial

Well Name:	Pfiefer Trust # 2-8	
Surface Location:	Section 08-12S-25W: 531 FNL 330	
Bottom Location:	N/A	
API:	15-063-22317-00-00	
License Number:	33268	
Spud Date:	11/30/2017	Time: 2:15 PM
Region:	Trego County, Kansas	
Drilling Completed:	12/7/2017	Time: 1:11 PM
Surface Coordinates:	521' FNL & 330' FEL	
Bottom Hole Coordinates:		
Ground Elevation:	2579.00ft	
K.B. Elevation:	2586.00ft	
Logged Interval:	3400.00ft	To: 43000.00ft
Total Depth:	0.00ft	
Formation:	Lansing/Kansas City	
Drilling Fluid Type:	Chemical (MudCo)	

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude:
Latitude:
N/S Co-ord: 521' FNL

E/W Co-ord: 330' FEL

LOGGED BY

Company: dba-Patrick J,Deenihan
Address: 1407 N. Stratford Ln.
Wichita, KS 67208

Phone Nbr: (316)-619-5574
Logged By: Geologist

Name: Patrick J Denihan

CONTRACTOR

Contractor: STP Drilling, LLC
Rig #: 1
Rig Type: mud rotary
Spud Date: 11/30/2017
TD Date: 12/7/2017
Rig Release: 12/1/2017

Time: 2:15 PM
Time: 1:11 PM
Time: 7:00 AM

ELEVATIONS

K.B. Elevation: 2586.00ft
K.B. to Ground: 7.00ft

Ground Elevation: 2579.00ft

NOTES

Surface Casing: 8-5/8" at 261'
Production Casing:

Daily Penetration:	11/30/17	SPUD @ 10: A.M.
	12/01/17	860'
	12/02/17	2360'
	12/03/17	3110'
	12/04/17	3610'
	12/05/17	3938'
	12/06/17	4075'

12/08/17

RTD 4200'

Log tops were 2' deeper.

ROCK TYPES



Anhy vert
Coal



Congl
Lmst fw<7



shale, gry

OTHER SYMBOLS

OIL SHOWS

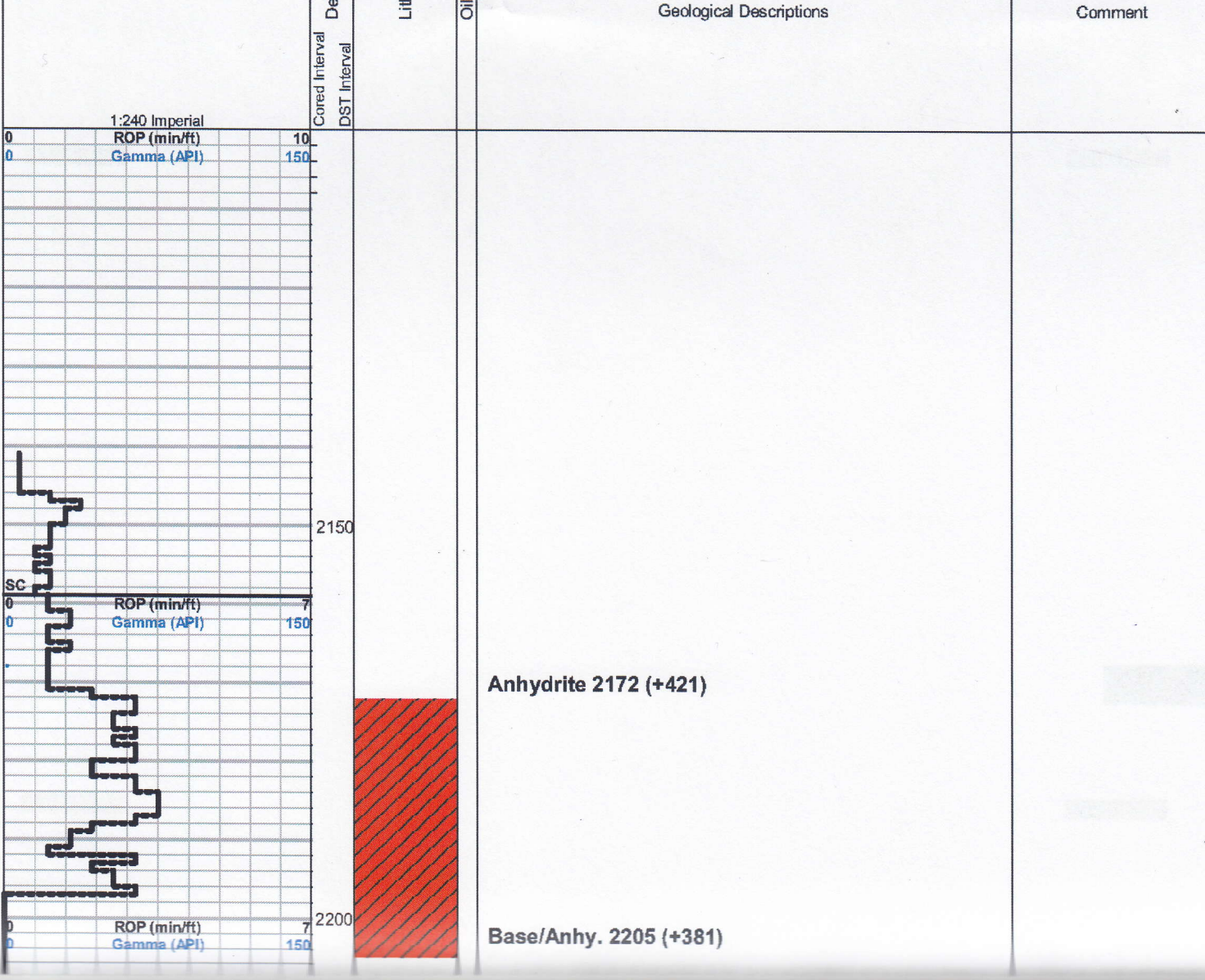
- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- Questionable Stn
- D Dead Oil Stn
- Fluorescence

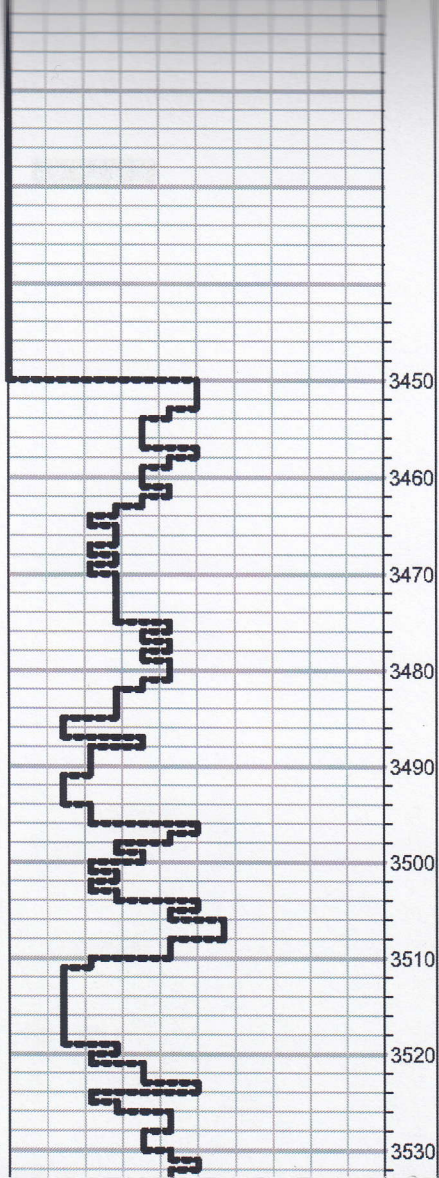
INTERVALS

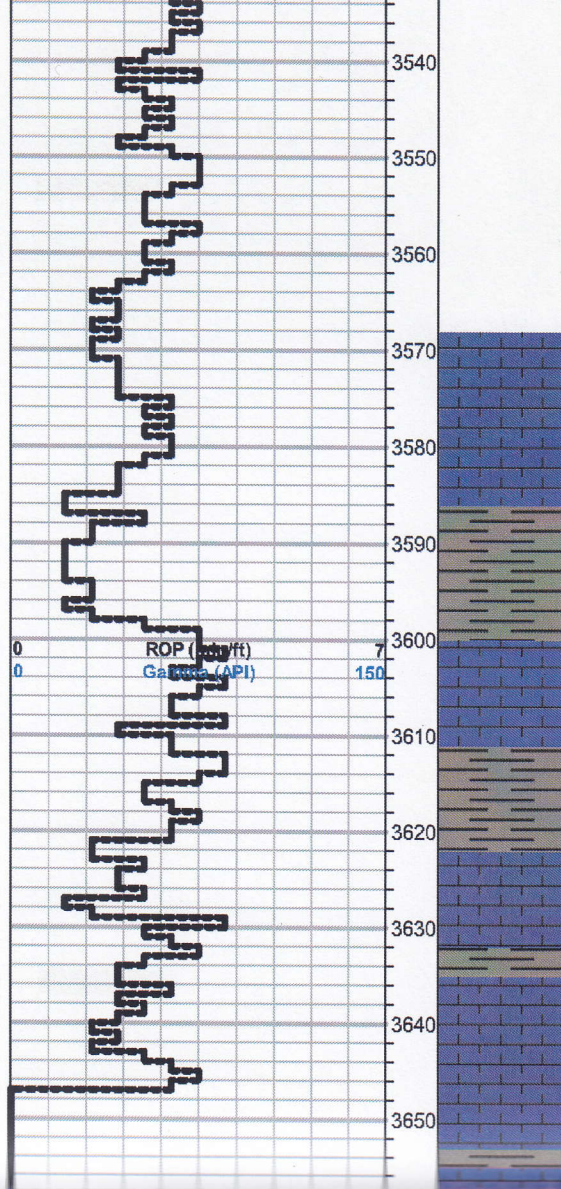
- Core
- DST

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)

Curve Track #1		Depth Intervals	Lithology	Shows		
ROP (min/ft)	Gamma (API)					



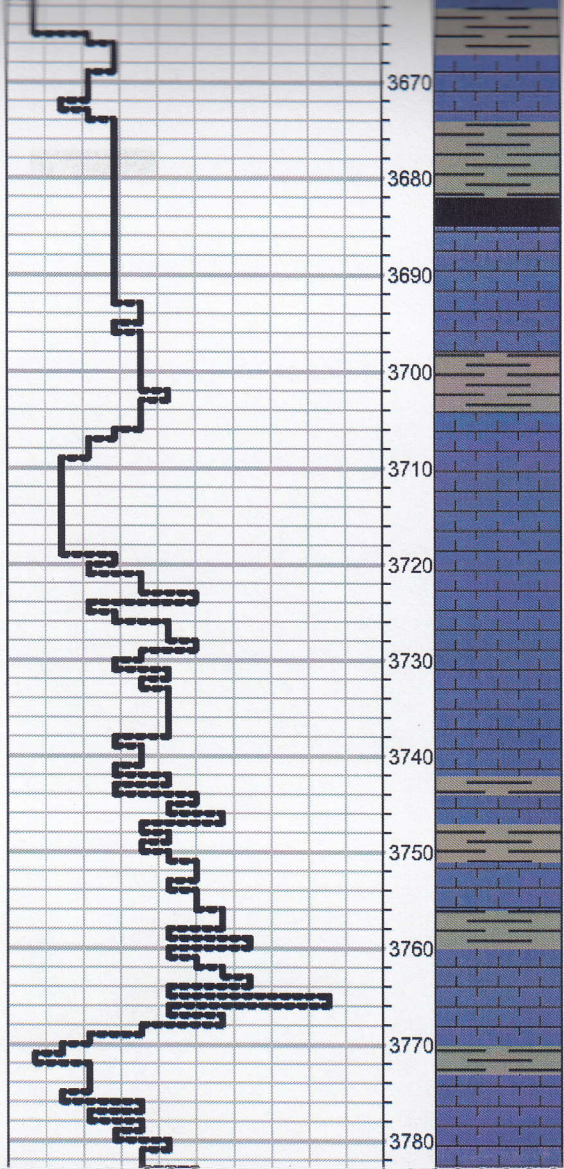


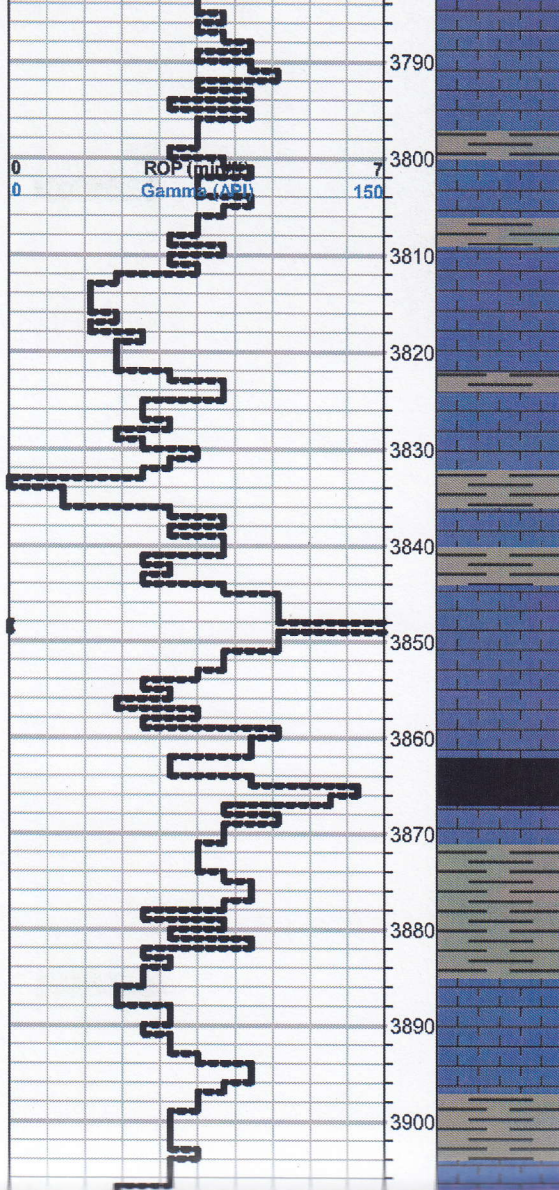


Topeka 3638 (-1052)

Mud Up @ 3371'

Morgan Mud @ 3647'
Wt: 8.7
Vis: 60
WL: 6.8
Chl.: 1,700 ppm.





Ls., Wht. to Lt.-Gry., Fn-xln., sli-Fssl. and Chalky. No show.

Heebner 3862 (-1276)

Sh., Black Carb,

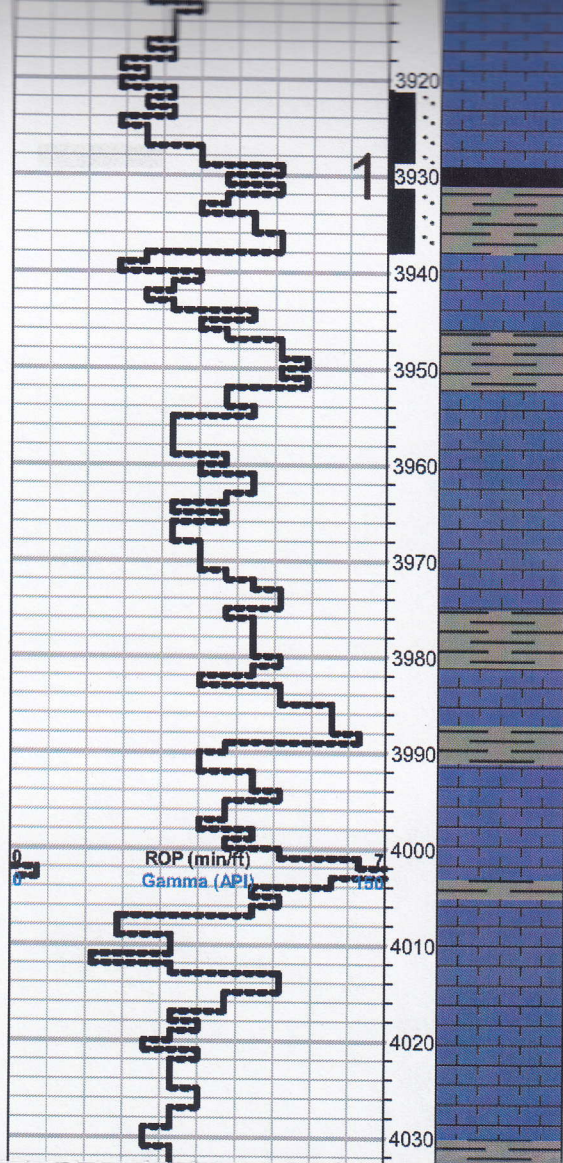
Ls., Lt.-Gry., Dense-xln. to sli Cherty. No show.

Sh., Vari-Color.

Toronto 3885 (-1299)

Ls Crm., Tan. Sing., Fn-xln., Sli-Cherty, Sli-Fssl. No show

Lansing 3905 (-1319)



Ls., as/above becoming Chalky with depth. No show.

Sh., Black Carb.

Sh., Gry., Orange Brn., Grn., Argil

Ls., Wht. to Crm. Fn-xln To Med-xln., Trc of Vug., to sli-Inter -xln.
Trc., Of LFO., No Odor., No Fluor. V-light edge staining on a few
pcs.

Sh., Vari-Color

Ls., Crm. to Tan. Sing., Fn-xln., Sli-Fssl. Sub-Chalky to Chalky. rc.
of P-ool. porosity No show.

Sh., Vari-Color.

Ls., Wht., Lt-Gry., Fn-xln., to sli-Fssl. No show.

Sh., Gry., Brn., Grn. Argil.

Ls., Crm., Tan. Fn-xln., Sli-Fssl. chalky with depth. No Show.

Sh., Vari-Color

Sh., Black Carb

Ls., Crm., Lt-Gry., Sing. Fn-xln., to Micro-xln. P-Fssl. Chert, Lt-
Gry. to Tan., Chalky with Depth. No Show.

PIPE STRAP @ 3938' =
2.61' Long to Board.

Morgan Mud @ 3938'

Wt: 9.1

Vis: 55

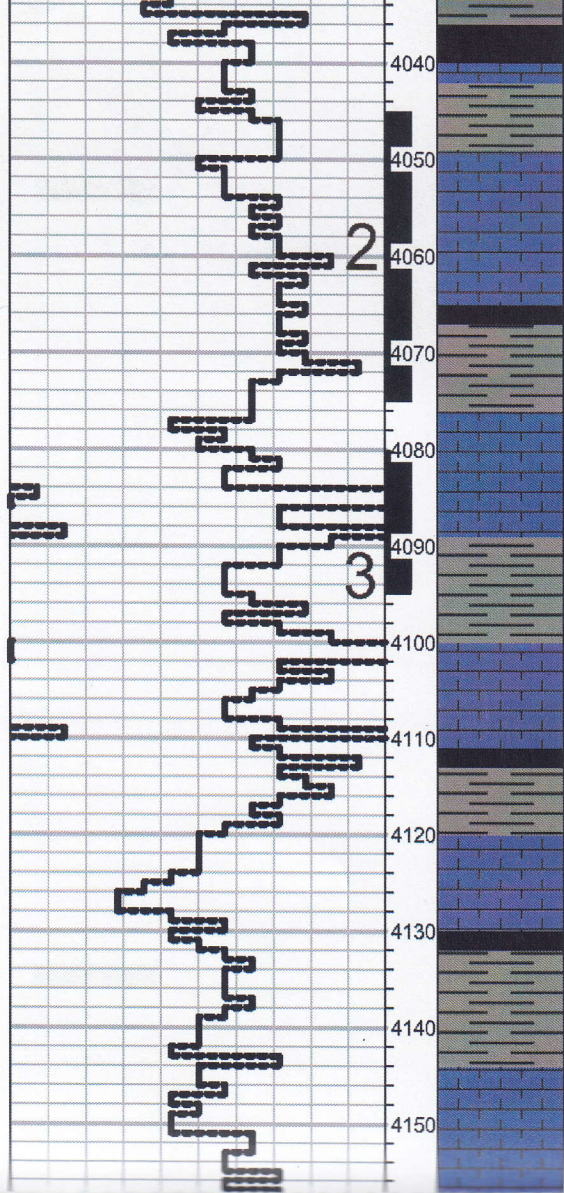
WL: 6.8

Chl: :2,100ppm

DST #1
3921-3938'
30-45-45-60"

IFP: 21-35#
FFP: 20-44#
SIP: 1203-1118'
Hyd: 1856-1819#
Temp: 98

Rec: 20' SWCM



Sh., Gry., Orange, Argil.

Ls., Wht., Crm., Lt-Gry. Sing. Fn-xln. to dense Micro-xln. trc. of P-Fssl. Porosity. No show

Sh., Vari Color,

Lm., Crm., Sing. Fn-xln., Sli-Cherty Scattr=ered oil., Dk.Brn. V-Faint odor. No Fluor.

Ls., Crm., Sing. Fn-xln to Fssl. Ool. Dk-Brn streaky, oil stn. Med-Brn to Lt-Brn. Oil Upon Crushing Live Free oil in Inter- xln. lime. Faint too good Odor. Scsttered Dull Fluor.

Sh., Gry.,Grn., Brn.

Ls., Wht., Crm., Dense Micr-xln., Cherty Sub-Chalky withdepth.

Sh., Dk-Gry and Black Carb

Sh., Vari -Color.

Ls., Lt -gy. Micro-xln., No Show

Sh., Vari-Color

Ls., Lt -gy. Micro-xln., No Show

DST #2
4045-4075'
30-45-45-60"

IFP: 4-18#
FFP: 14-23#
SIP: 1081-1049'
Hyd: 1915-1886#
Temp: 96

Rec: 5' M

Morgan Mud @ 4115'
Wt.: 9.1
Vis.: 57WL.: 6.4
Chl.: 7,900ppm

DST #3
4080-4095'
30-45-45-60"

IFP: 3-8#
FFP: 9-10#
SIP: 17-12#
Hyd: 1919-1884#
Temp: 98

Rec: 5' M

Ls., lt gy, crm, dnse, micro sin-sb cherty, clusters of sd BSh. and
gr. strong, p vis Por, no show

Ls., crm, gy, tn, sb cherty - fn xln, tr p P.P., dnse, no show

