

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) (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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Company: Trans Pacific Oil Corporation

Lease: Cheri C Unit #1-2

SEC: 2 TWN: 15S RNG: 32W
County: LOGAN
State: Kansas
Drilling Contractor: Duke Drilling Company, Inc - Rig 2
Elevation: 2733 GL
Field Name: Elkader Townsite SE
Pool: WILDCAT
Job Number: 257

Operation:
Test Complete

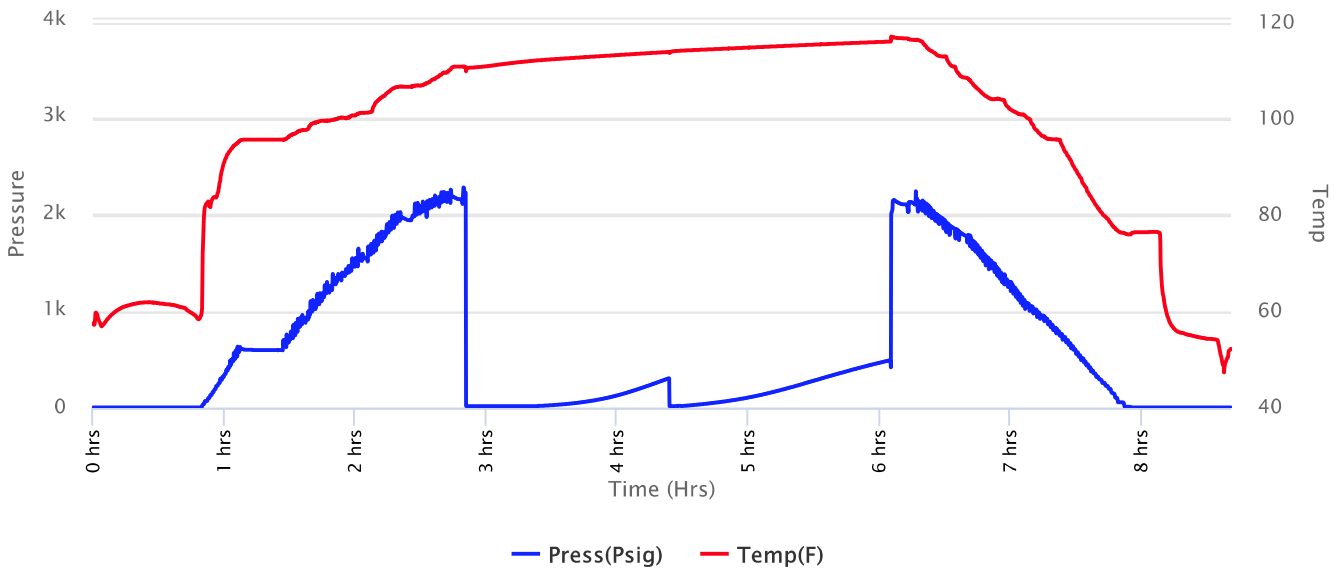
DATE
November
07
2018

DST #1 **Formation: Morrow** **Test Interval: 4370 - 4445'** **Total Depth: 4445'**
Time On: 13:48 11/07 Time Off: 22:14 11/07
Time On Bottom: 16:37 11/07 Time Off Bottom: 19:42 11/07

Electronic Volume Estimate:
1'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 60	Minutes: 5	Minutes: 90
Current Reading: .1" at 30 min	Current Reading: 0" at 60 min	Current Reading: 0" at 5 min	Current Reading: 0" at 90 min
Max Reading: .1"	Max Reading: 0"	Max Reading: 0"	Max Reading: 0"

Inside Recorder





Company: Trans Pacific Oil Corporation

Lease: Cheri C Unit #1-2

DST #1 for - Diamond Testing, LLC

SEC: 2 TWN: 15S RNG: 32W
County: LOGAN
State: Kansas
Drilling Contractor: Duke Drilling Company, Inc - Rig 2
Elevation: 2733 GL
Field Name: Elkader Townsite SE
Pool: WILDCAT
Job Number: 257

Operation:
Test Complete

DATE
November
07
2018

DST #1 **Formation: Morrow** **Test Interval: 4370 - 4445'** **Total Depth: 4445'**
Time On: 13:48 11/07 Time Off: 22:14 11/07
Time On Bottom: 16:37 11/07 Time Off Bottom: 19:42 11/07

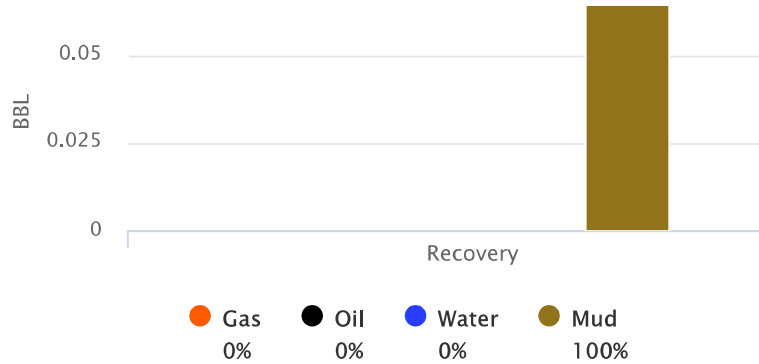
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
5	0.0645	M	0	0	0	100

Total Recovered: 5 ft
Total Barrels Recovered: 0.0645

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	2149	PSI
Initial Flow	16 to 18	PSI
Initial Closed in Pressure	303	PSI
Final Flow Pressure	17 to 18	PSI
Final Closed in Pressure	489	PSI
Final Hydrostatic Pressure	2135	PSI
Temperature	116	°F
Pressure Change Initial Close / Final Close	0.0	%



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Lease: Cheri C Unit #1-2

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DATE
November
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	Time On: 13:48 11/07	Time Off: 22:14 11/07	
	Time On Bottom: 16:37 11/07	Time Off Bottom: 19:42 11/07	

BUCKET MEASUREMENT:

- 1st Open: Weak, surface blow building to 1/8 in. in 30 mins.
- 1st Close: No blow back.
- 2nd Open: No blow.
- 2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas 0% Oil 2% Water 98% Mud



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Lease: Cheri C Unit #1-2

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Elevation: 2733 GL
Field Name: Elkader Townsite SE
Pool: WILDCAT
Job Number: 257

Operation:
Test Complete

DATE
November
07
2018

DST #1 Formation: Morrow Test Interval: 4370 - 4445' Total Depth: 4445'
Time On: 13:48 11/07 Time Off: 22:14 11/07
Time On Bottom: 16:37 11/07 Time Off Bottom: 19:42 11/07

Down Hole Makeup

Heads Up: 15.7 FT	Packer 1: 4365 FT
Drill Pipe: 4353.13 FT <i>ID-3.640</i>	Packer 2: 4370 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4354.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4372 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 75	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 5 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 63 FT <i>ID-3.640</i>	
Change Over: 1 FT	
Perforations: (below): 4 FT <i>4 1/2-FH</i>	



Company: Trans Pacific Oil Corporation

Lease: Cheri C Unit #1-2

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SEC: 2 TWN: 15S RNG: 32W
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Elevation: 2733 GL
Field Name: Elkader Townsite SE
Pool: WILDCAT
Job Number: 257

Operation:
Test Complete

DATE
November
07
2018

DST #1 Formation: Morrow Test Interval: 4370 - 4445' Total Depth: 4445'

Time On: 13:48 11/07 Time Off: 22:14 11/07
Time On Bottom: 16:37 11/07 Time Off Bottom: 19:42 11/07

Mud Properties

Mud Type: Chemical **Weight:** 9.3 **Viscosity:** 51 **Filtrate:** 8.8 **Chlorides:** 3,000 ppm

11/8/2018



Company: Trans Pacific Oil Corporation

Lease: Cheri C Unit #1-2

DST #1 for - Diamond Testing, LLC

SEC: 2 TWN: 15S RNG: 32W
County: LOGAN
State: Kansas
Drilling Contractor: Duke Drilling Company, Inc - Rig 2
Elevation: 2733 GL
Field Name: Elkader Townsite SE
Pool: WILDCAT
Job Number: 257

Operation:
Test Complete

DATE
November
07
2018

DST #1 Formation: Morrow Test Interval: 4370 - 4445' Total Depth: 4445'

Time On: 13:48 11/07 Time Off: 22:14 11/07
Time On Bottom: 16:37 11/07 Time Off Bottom: 19:42 11/07

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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Cheri C Unit 1-2

Daily Report

API: 15-109-21574

STR: 2-15S-32W

County: Logan

KB: 2742

Location: 2290 FSL 243 FWL

State: KS

Zone	Sample Top	Log Top	Structural Position	Comments
Anhydrite	2172 (570)	2172 (570)	-4	
Base Anhydrite	2194 (548)	2193 (549)	-2	
Heebner	3718 (-976)	3718 (-976)	-14	
Lansing	3758 (-1016)	3756 (-1014)	-13	
Stark Shale	4010 (-1268)	4014 (-1272)	-18	
Fort Scott	4271 (-1529)	4269 (-1527)	-12	
Johnson	4342 (-1600)	4343 (-1601)	-18	
Mississippian	4437 (-1695)	4444 (-1702)	-25	

LOGGERS REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Trans Pacific Oil Corp.
 LEASE Cheri 'C' Unit #1-2
 FIELD Wildcat
 LOCATION 2290'FSL, 243'FWL
 SEC 2 TWSP 15 RGE 32W
 COUNTY Logan STATE KS
 CONTRACTOR Duke Rig #2
 SPUD 10/31/18 COMP 11-8-18
 RTD 4510 LTD 4510
 MUD UP 3383 TYPE MUD Chem

ELEVATIONS
 KB 2742
 DF _____
 GL 2734
 Measurements Are All
 From KB

CASING
 SURFACE 8 5/8" @ 222'
 PRODUCTION _____
 ELECTRICAL SURVEYS
 DI MICRO
 C N/D PE

FORMATION TOPS AND STRUCTURAL POSITION

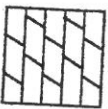
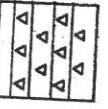
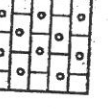
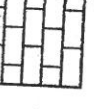
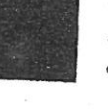
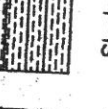
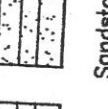

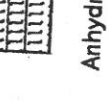
FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION		
				A	B	C
Anhydrite	2172	2172	570	574		
Base Anhydrite	2194	2193	549	553		
Heebner	3718	3718	-976	-962		
Lansing	3755	3756	-1014	-1001		
Stark	4010	4013	-1271	-1254		
BKC	4082	4084	-1342	-1327		
Marmaton	4120	4122	-1380	-1364		
Pawnee	4217	4222	-1480	-1463		
Fl. Scott	4271	4272	-1530	-1515		
Cherokee SH	4299	4299	-1557	-1542		
Base Johnson	4374	4372	-1630	-1617		
Morrow SD	4401	4406	-1664	-1645		
Mississippi	4437	4440	-1698	-1677		

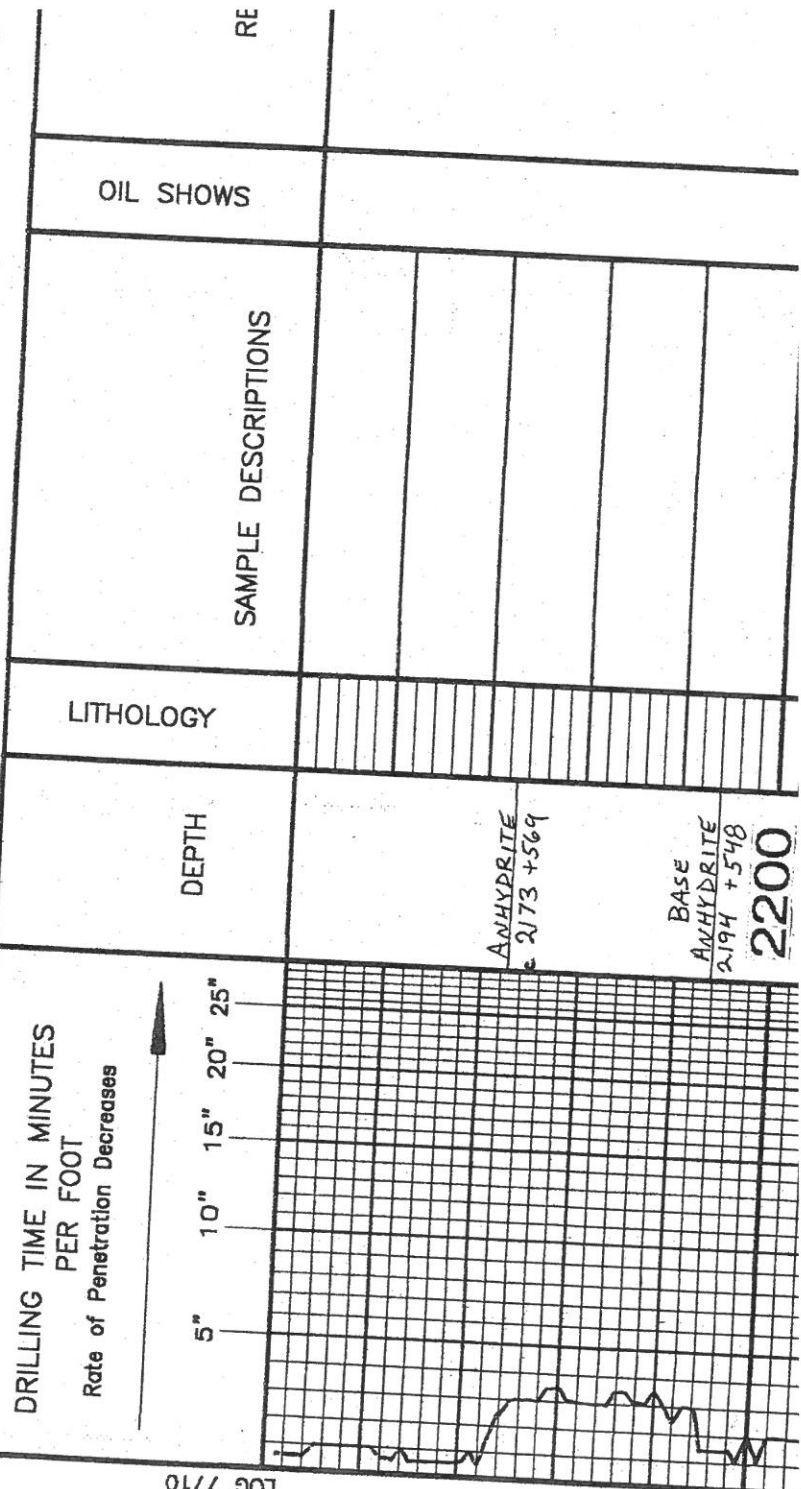
REFERENCE WELLS FOR STRUCTURE

A Black Tea Oil Krebs 'Z' #1 1635'FNL, 340'FEL 3-15-32W
 B _____
 C _____

REMARKS

LEGEND

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



7:AM 11-4-18
DRLG @ 3521

MUD CHECK
VIS: 51
CHLOR: 1,500 L
FILT: 6.8

ANHYDRITE
2173 +569

BASE
ANHYDRITE
2194 +548
2200

3500

3600

LS, CRML, TAN, F, XTLN, V, HRD,
TITE, SCT LG FOSS, NS

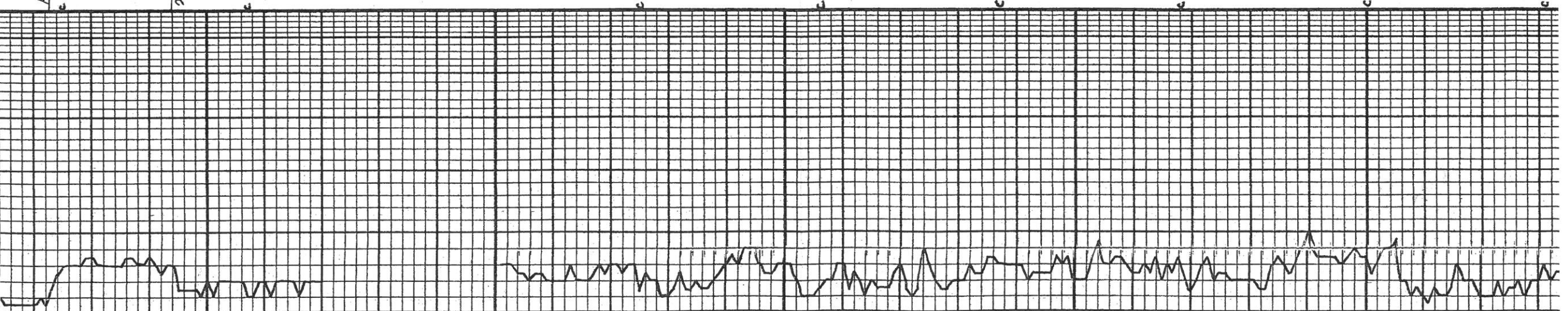
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V FEW SCT SML FOSS, VP → TTIB, NS

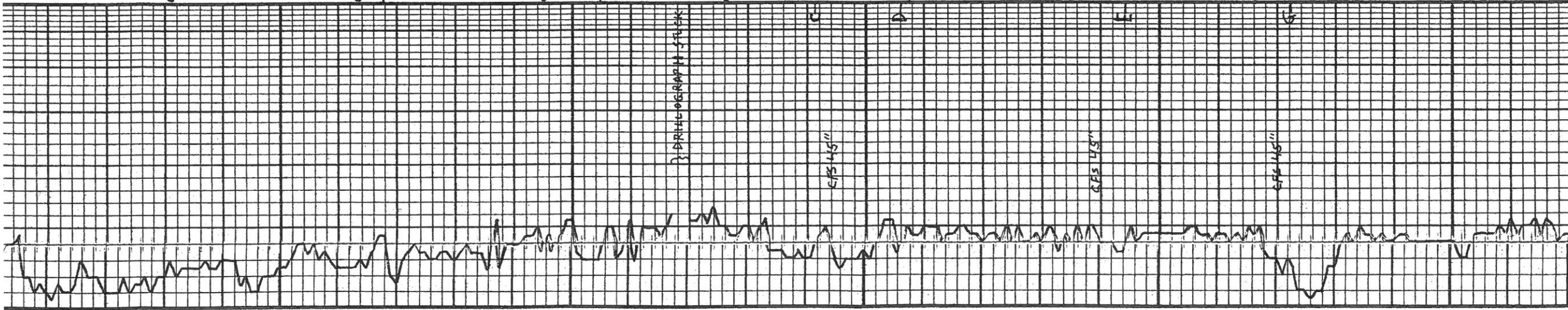
LS, GRY, F XTLN, M HRD, V FEW FOSS,
P XTLN Ø, NS, CHLKY

CHT, WHT, FRESH

Δ Δ

Δ Δ





3700

HEEBNER
3718 -976

LANSING
3755 -1013

3800

3900

LS, WHT, VF XTLN, V SL DMS, HRD, V FEW SCT SML FOSS, VP TITE, NS	LS, GRY, F XTLN, M HRD, V FEW FOSS, P XTLN Ø, NS, CHLKY	CHT, WHT, FRESH CHT, GRY, SL FOSS, SHARP, NS	SH, BLK, DK BURG	LS, TAN / BUFF, F XTLN, M HRD, SGT FAIR XTLN Ø, SCT BLK MINS W/M, NS	SH, BLK, DK GRY	LS, GRY, F → M XTLN, SHLY, M HRD, P XTLN Ø, NS	SH, WKR, FLOOD, SLUFF	LS, TAN, CRM, F XTLN, HRD, SL DMS, ? Ø, NS	LS, WHT, VF XTLN, V DMS, V HRD, TITE, NS	LS, WHT, VF XTLN, W CMT'D SML ODLS, HRD, DMS, TITE, NS	LS, WHT, VF XTLN, DMS, V HRD, TITE JK	A.A.	SH, BLK, DK GRY	LS, GRY, BRN, VF XTLN, DMS, V HRD, TITE, NS	LS, WHT, VF XTLN, DMS, V HRD, TITE, NS	LS, GRY, VF XTLN, V DMS, V HRD, ROUN SML OOL, VW CMT'D OOL, TITE, NS	LS, CRM, F XTLN, M HRD, SL BRTL SCT WHT CHT - FRESH, NO VIS Ø, NS	LS, GRY, F XTLN, DMS, M HRD, V SHLY - GRY, NS	SH, GRY - BRITL, GRU	LS, WHT / CRM, F XTLN, M HRD, G INT XTLN Ø, NS	LS, WHT, TAN, VF XTLN, V DMS, V HRD, NO Ø, NS	CHT, CHINA WHT, FRESH, SHARP, NO VIS Ø, NS	LS, CRM, F → M XTLN, Pcs V DMS, HRD, SCT W CMT'D FOSS, NO Ø, NS	CHALK LS, BUFF, F XTLN, BRITL, S → M HRD, ROUN OOL, V Ø, NS	LS, BUFF, F XTLN, M HRD, FEW FOSS, P XTLN Ø, NS	LS, AA, V SHLY - GRY, GRU, BURG	LS, WHT / GRY, VF XTLN, Pcs BRITL, Pcs S → M HRD, SL DMS, TR PP Ø, NS	LS, TAN, VF → F XTLN, HRD, SCT FOSS, NO Ø, NS
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7: AM 11-5-13
CFSE 3870

MUD CHECK
VIS: 46
CHLOR: 2.200
FILT: 7.2

ADD PREM

MUD CHECK
 VIS: 46
 CNLOR: 2.200
 FILT: 7.2

ADD PRÉMI

3900

4000

BKC

4082 - 1340

4100

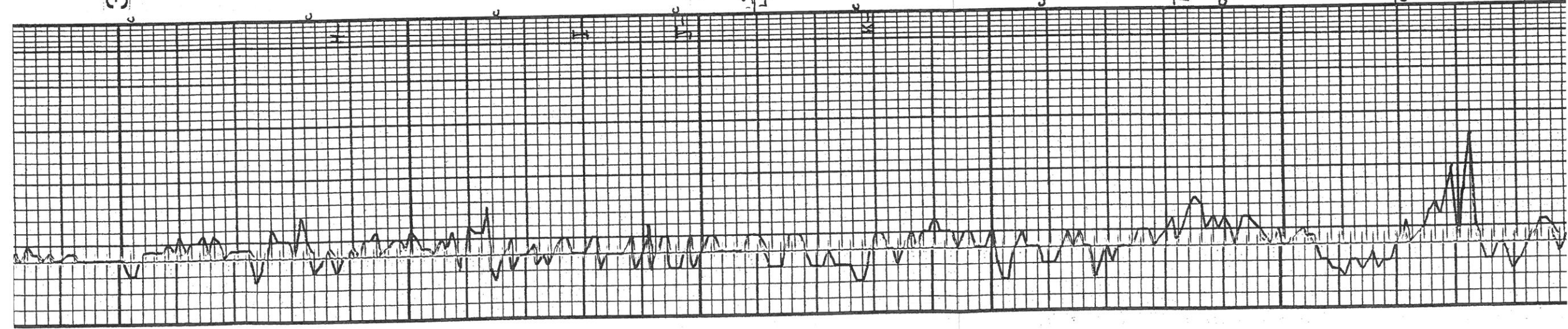
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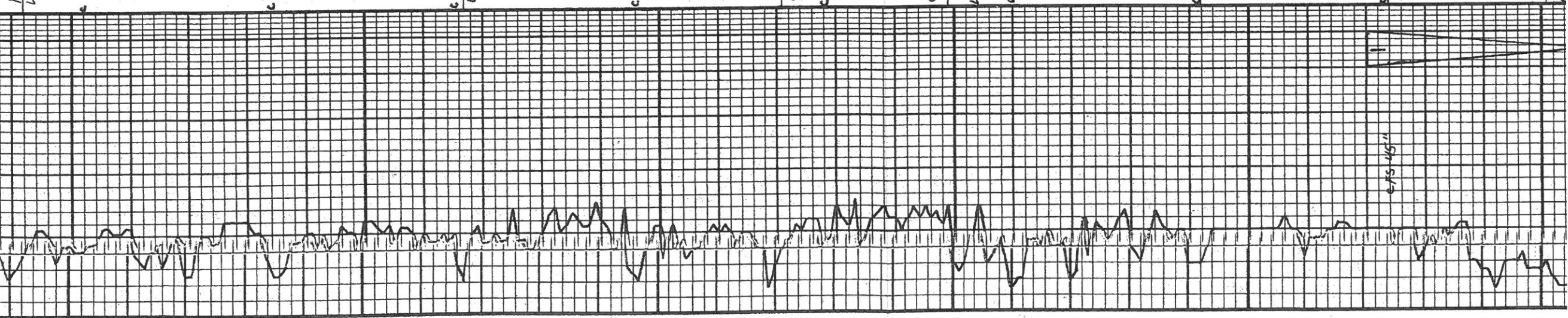
4120 - 1378

ALTIMONT

4142 - 1400

LS, BUFF, F XTLN, M. TAN, FEW FOSS, P XTLN Ø, NS	LS, AA, V SHLY - GRY, GRN, BURG	LS, WHT, GRY, VF XTLN, Pcs BRILL, Pcs S → M HRD, SL DNS, TR PP Ø, NS	LS, TAN, VF → F XTLN, HRD, SET FOSS, NO Ø, NS	SH, GRY	LS, BRN, F XTLN, HRD, P SET Ø, FEW SET FOSS, NS	CHALK	CHT, TAN, Pcs DPAG, Pcs W/LS FRAGS W/N, NS	LS, WHT, F XTLN, HRD, NO VIS Ø, SET FOSS, SET CHLK, NS	LS, WHT, BRN, LT GRY, VF XTLN, DNS, V HRD, TITE, NS	SH, GRY, GRN	SH, LT GRY, BRILL	LS, LT GRY, M HRD, VE XTLN W/ SET MED XTLN W/N, DNS, NO Ø, NS	LS, CRM, TAN, VF XTLN, DNS, TITE, NS	SH, BURG	LS, CRM, GRY/BRN, F XTLN, HRD, TITE, NS	SH, BLK	LS, BRN, VF XTLN, DNS, V HRD, TITE, NS	SH, GRN, BURG	CHALK	LS, WHT, LT GRY, F XTLN, BRILL, SL HRD, FAIR XTLN Ø, NS	LS, TAN, F XTLN, HRD, Pcs BRILL, NO VIS Ø, NS	SH, BLK, CARB	CHT, WHT, ORNG, SHARP, NS	SH, GRY	LS, GRY, VF XTLN, DNS, HRD, V FEW SML FOSS, TITE, NS	LS, A.A.	SH, GRY, BURG	SLT STN, GRY	LS, BRN, VF XTLN, LG BRN NODS W/N, V HRD, TITE, NS	SH, BURG, GRN	SH, BURG, GRN, GRY, BLK	LS, LT TAN, F → M XTLN, HRD, SET P MED XTLN Ø, NS	SH, GRY, BURG	LS, WHT, F XTLN, SL DNS, V HRD, NO VIS Ø, NS
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ALBANY
4142-1400

4200

PAWNEE
4217-1475

FT. SCOTT
4271-1529

CHEROKEE
4300
4299-1557

JOHNSON
4342-1600

BASE
JOHNSON
4374-1632

MORROW SP
4400
4399-1659

LS, WHT, F XTLN, SL DNS, V HRD, NO VIS Ø, NS	LS, WHT, VF XTLN, V HRD, V DNS, TITE, NS	SH, LT + DK GRY, GRN, BURG	LS, WHT, TAN, CRM, F → M XTLN, HRD, F INT XTLN Ø, NS	CHALK	LS, TAN, F XTLN, DNS, HRD, FEW SCT SML FOSS, VP XTLN Ø, NS	LS, TAN, VF → F XTLN, V DNS, V HRD, TITE, NS	SH, BLK, CARB	LS, BRN, F XTLN, DNS, HRD, TITE, NS	SH, GRY	LS, DK BRN, F XTLN, V HRD, SCT FOSS, PYR, NO Ø, NS	SH, BLK	LS, TAN, F XTLN, CHTY - WHT, TAN, HRD, FAIR Ø, NS	LS, DK BRN, F XTLN, V HRD, TITE NS	CHY, DK BRN, SL OPAQ, FRESH, SHARP, NS	SH, BLK	LS, TAN, LT CRM, M XTLN, DIRTY, F → G XTLN Ø, SCT FOSS FRAGS, NS	CHT, V DK BRN, FRESH, SHARP, NS	SH, DK GRY	LS, TAN, VF XTLN, DNS, HRD, TITE, NS	SH, GRY, GRN	LS, TAN, CRM, F XTLN, BRTL, HRD, NO APP Ø, NS	CHT, BRN / WHT, OPAQ, FRESH, SHARP, NS	LS, TAN, VF XTLN, DNS, BLKY, V HRD, TITE, NS	LS, WHT + TAN, F XTLN, HRD, GRS XTLN TXT, NO VIS Ø, NS	SH, GRY, GRN, BURG, PLS SUDY, MED GRNS.	LS, LT TAN, F → MED XTLN, M HRD, MED XTLN Ø, IPC V TARRY OIL FILL Ø, NO ODR NSFO, NO FLUR	SS, CLR GRNS, GRN CMT, F SORT P CMT, SUB RND, CØ, CLAY, NS	SS, WHT CMT, CLR GRNS, F SORT, SCT UNCONSOL, FRIABLE, PLS SHLY, NSFO, NO ODR	SH, BLK, GRY, GRN, RED	SS, CLR GRNS, P SORT, FRIABLE, SUB P CMT, NSFO, NO ODR
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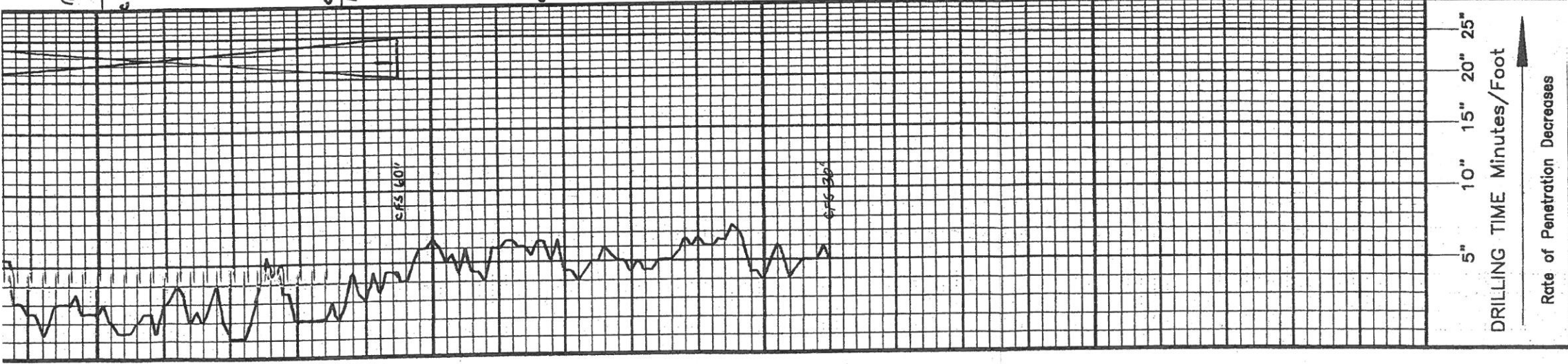
IPC
TARRY
OIL

2PCS
TARRY
OIL

7:AM 11-6-18
DRLG@4119

MUD CHECKS
VIS: 51
CHLOR: 3,000 l
FILT: 8.8

SHORT TRIPPEL
DST #1 4370
30-60-5-9
IE. S. 1108 bld. A



MORROW SP
4400

4401-4659

Miss

4437-4695

4500

DEV 1 1/4

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARK

SS CLR GRNS, GRN CMT, F SORT
 PCMT, SUB RND, G, GLAYC, NS
 SS, WHT CMT, CLR GRNS, P SORT,
 SCT UNCONSOL, FRIABLE, PCS
 SHLY, NSF, NO ODOE
 SH, BLK, GRN, GRN, RED
 SS, CLR GRNS, P SORT, FRIABLE, SUB
 RND, G, V, SHLY, ABUN PYR,
 2 PCS DB STNG N PRT, NO ODOE, NSFED
 SH, BLK, CARB, LT GRY - STICKY
 SANDY
 SS, CLR GRNS, MOSTLY UNCONSOL,
 CLUSTERS: F → M GRNS, P SORT,
 FRIABLE, ? FILMY STM ON GRNS
 SH, GRY, GRN
 SS, WHT, CLR GRNS, F → M GRNS, RND -
 SUB RND, MOSTLY SOFT, FEW PCS
 W CMT, NS + HRD, LESS UNCONSOL GRNS
 G → V G, B, NS
 LS, GRM, WHT, F → M XTLM, V FEW
 FOSS, M HRD, PCS GRNY + CHLKY,
 S → M HRD, NS
 LS, WHT, F XTLM, HRD, NO APP, P
 MGA SAND GRNS W/N, SL CHLKY,
 PCS PYR, NS
 LS, A, A
 LS, TAN, F XTLM, HRD, SANDY, SL
 CHLKY, ? G → TITE, NS, SCT BRNCHT
 LS, TAN, F XTLM, SL DNS, HRD, TITE
 SHLY-RED, GRY, BLK, NS
 LS, TAN, GRM, V XTLM, PCS V DNS,
 HRD, TITE, V CHLKY, NS
 LS, TAN, BRN, VE XTLM, V HRD,
 V DNS, TITE, FEW SCT CHIMP WHT
 CHT PCS, NS
 LS, DK GRY, F XTLM, HRD, SCT LG
 CRM FOSS W/N, NO VIS Ø, NS

SHORT TRIPPED
 DST #1 4370 -
 30-60-5-9C
 IF: SURF BID 1, NC
 FF: dead, NO BB
 FP: 16-10, 17-10
 SIP: 303-489
 HP: 2.149-2.135

7:AM 11-7-18
 CFS @ 4445
 MUD CHECK
 VIS: 54 WT
 CHLOR: 3,300
 FILT: 8.0
 STRAP: 4468.5
 BOARD: 4467.5
 LONG .9

7:AM 11-8-18
 DRLOG @ 4495

@ TD: COMD & HOL

MUD-CO: REIA

DIAMONDA TE
 -KEVIN M

ELI LOGGING



PRESSURE PUMPING LLC
 P.O. Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

11940
 11821

TICKET NUMBER 55888
 LOCATION Oakley Ks
 FOREMAN Walt Dinkal

814481

FIELD TICKET & TREATMENT REPORT
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-30-18	7937	Chen Unit 1-2	2	15 ^s	32 ^w	Logan
CUSTOMER Trans Pac			Oakley south to Gold Rd			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			528-T127	697		
STATE						
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 222' CASING SIZE & WEIGHT 8 5/8 - 23 #
 CASING DEPTH 222' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 15-20'
 DISPLACEMENT 12 3/4 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Safety Meeting, Rig up on Duke #2, Circ casing on bottom
mix 165 sks com, 3% CC - 2% Gel, Displace 12 3/4 BBC H₂O, shut in

Thank You
 Walt & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
C00471	1	PUMP CHARGE	1,150.00	1,150.00
C00402	20	MILEAGE	7.15	143.00
C00710	7.76	Ten Mileage Delivery	1.25	660.00
C05871	165 sks	Surface Blend II	24.00	3,960.00
				5,913.00
				Less 25% Dis - 1,478.25
				4,434.75
SALES TAX				237.60
ESTIMATED TOTAL				4,672.35

SCANNED

Revin 3737

AUTHORIZATION Dion Vazquez TITLE Toolpusher 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.



QES PRESSURE PUMPING LLC
 PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

12009
 11889

TICKET NUMBER 55891
 LOCATION Oakley, Ks
 FOREMAN Walt Dunkel

FIELD TICKET & TREATMENT REPORT
 CEMENT

Invoice # 814557

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-8-18	7937	Cheri C unit #1-2	2	15 ^s	32 ^W	Logan
CUSTOMER			TRUCK #			
Trans Pac			DRIVER			
Mailing Address			TRUCK #			
100 South Main Street, suite 200			DRIVER			
City			TRUCK #			
Wichita			DRIVER			
STATE			TRUCK #			
KS			DRIVER			
ZIP CODE			TRUCK #			
67202			DRIVER			
JOB TYPE			CASING SIZE & WEIGHT			
PTA						
HOLE SIZE			OTHER			
7 7/8						
DRILL PIPE			WATER gal/sk			
4 1/2 x H			CEMENT LEFT in CASING			
SLURRY WEIGHT			RATE			
13.5						
DISPLACEMENT			MIX PSI			
REMARKS: Safety Meeting, rig up on Duke #2, Plus as ordered						

50 sks
 sks
 sks
 255 sks 60% 40 part, 4% gel, 1/4# Flu-seal

Thank You
 Walt + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CoD 450	1	PUMP CHARGE	1,500.00	1,500.00
CoD 002	20	MILEAGE	7.25	143.00
CoD 911	10.97	Ten Mileage Delivery	1.95	660.00
CC5829	255 sks	Lite weight Blend V	16.00	4080.00
CC6075	64 #	Flu-seal	3.00	192.00
CP8228	1	8 5/8 Plug	165.00	165.00
				6,740.00
		Less 25% Disc		5,055.00
		SALES TAX		260.22
		ESTIMATED TOTAL		5321.22

AUTHORIZATION Dion Vargy TITLE TP DATE 11-10-18

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