

1071807

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 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				

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

January 17, 2012

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

Re: ACO1
API 15-203-20167-00-00
G & G Smith 1
SE/4 Sec.06-20S-35W
Wichita 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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Raymond Oil Co, Inc

6-20s-35w Wichita, KS

PO Box 48788
Wichita, KS 67202

GG Smith #1

ATTN: Max Lovely

Job Ticket: 44497

DST#: 1

Test Start: 2011.10.26 @ 02:03:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:16:00

Time Test Ended: 15:38:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 40

Interval: 4519.00 ft (KB) To 4545.00 ft (KB) (TVD)

Reference Elevations: 3209.00 ft (KB)

Total Depth: 4445.00 ft (KB) (TVD)

3198.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8652 Inside

Press @ Run Depth: 763.21 psig @ 4520.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.26

End Date:

2011.10.26

Last Calib.: 2011.10.26

Start Time: 02:03:05

End Time:

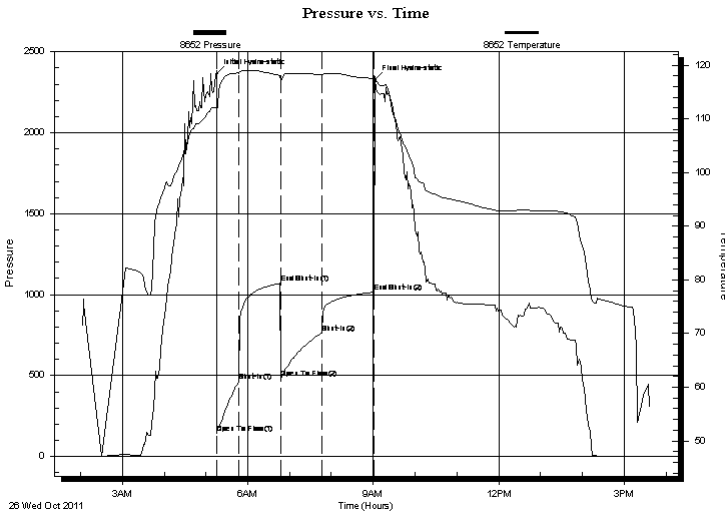
15:38:00

Time On Btm: 2011.10.26 @ 05:15:45

Time Off Btm: 2011.10.26 @ 09:02:45

TEST COMMENT: IF: BOB @ 30 seconds.
IS: BOB @ 14 min.
FF: BOB @ 45 seconds.
IS: 5 inch blow.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2363.05	112.07	Initial Hydro-static
1	143.25	111.15	Open To Flow (1)
32	464.26	118.51	Shut-In(1)
91	1069.31	118.06	End Shut-In(1)
92	485.95	117.18	Open To Flow (2)
151	763.21	118.26	Shut-In(2)
226	1015.94	117.51	End Shut-In(2)
227	2330.45	117.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	mco 40m 60o	0.59
1875.00	go 20g 80o	24.83
0.00	1364 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co, Inc
PO Box 48788
Wichita, KS 67202
ATTN: Max Lovely

6-20s-35w Wichita,KS

GG Smith #1

Job Ticket: 44497

DST#: 1

Test Start: 2011.10.26 @ 02:03:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.76 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4200.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	mco 40m 60o	0.590
1875.00	go 20g 80o	24.826
0.00	1364 GIP	0.000

Total Length: 1995.00 ft Total Volume: 25.416 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8652

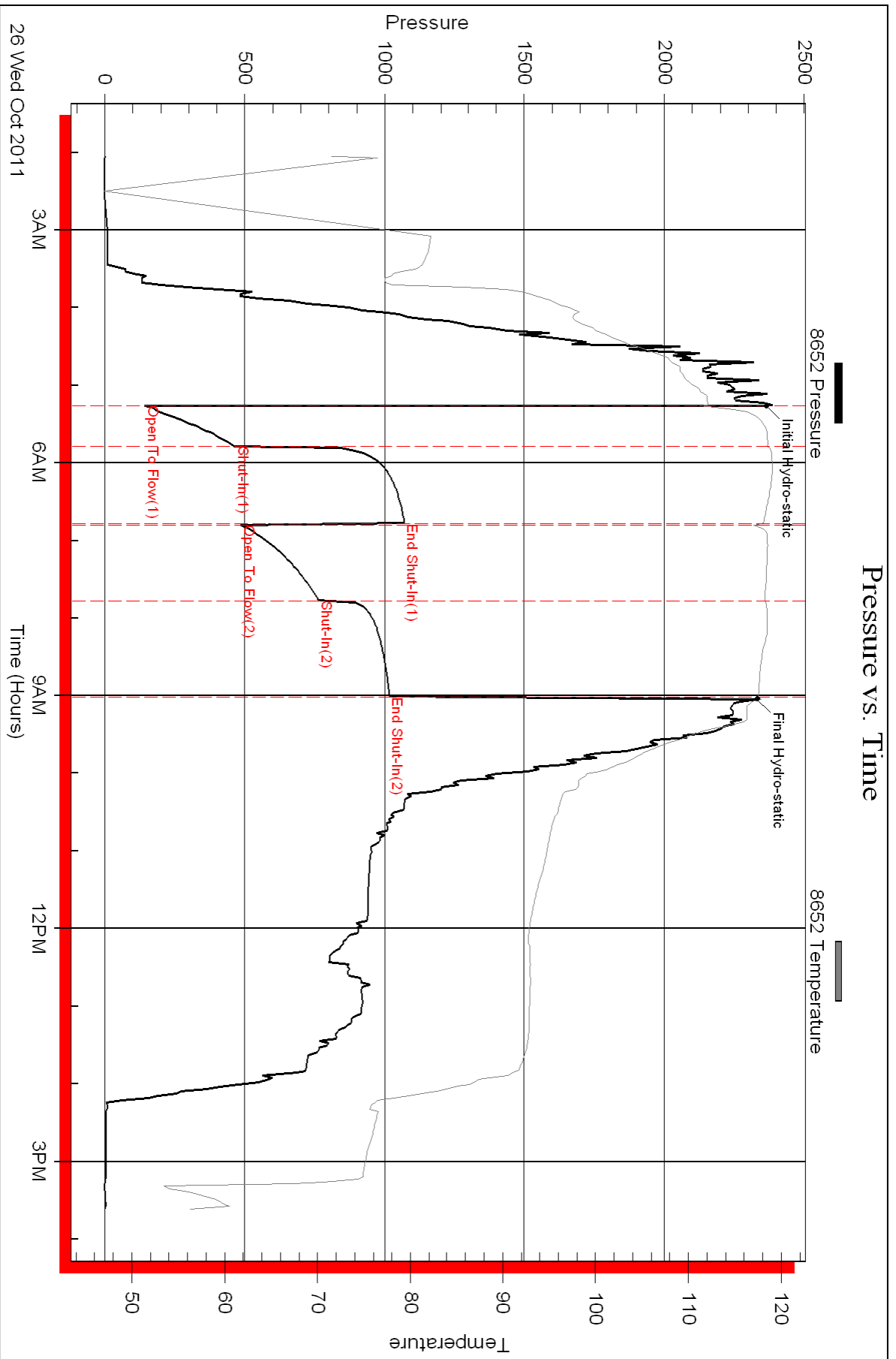
Inside

Raymond Oil Co. Inc

GG Smith #1

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 44497

Printed: 2011.11.15 @ 15:10:50



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Raymond Oil Co, Inc

6-20s-35w Wichita, KS

PO Box 48788
Wichita, KS 67202

GG Smith #1

Job Ticket: 44498

DST#: 2

ATTN: Max Lovely

Test Start: 2011.10.27 @ 10:16:00

GENERAL INFORMATION:

Formation: **Myric Station**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:12:15

Time Test Ended: 19:28:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 40

Interval: 4601.00 ft (KB) To 4660.00 ft (KB) (TVD)

Reference Elevations: 3209.00 ft (KB)

Total Depth: 4660.00 ft (KB) (TVD)

3198.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8652 Inside

Press @ Run Depth: 42.67 psig @ 4602.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.27 End Date: 2011.10.27

Last Calib.: 2011.10.27

Start Time: 10:16:05 End Time: 19:28:45

Time On Btm: 2011.10.27 @ 13:12:00

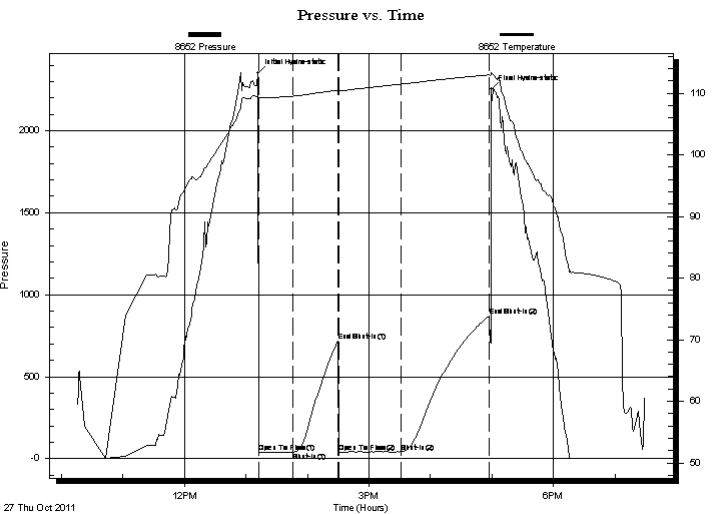
Time Off Btm: 2011.10.27 @ 16:59:15

TEST COMMENT: IF: Surface blow, died @ 9 minutes.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2349.80	109.59	Initial Hydro-static
1	40.06	108.60	Open To Flow (1)
34	40.97	109.51	Shut-In(1)
78	718.50	110.52	End Shut-In(1)
79	40.83	110.32	Open To Flow (2)
139	42.67	111.45	Shut-In(2)
226	871.87	112.97	End Shut-In(2)
228	2253.09	113.35	Final Hydro-static

Recovery

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

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co, Inc

6-20s-35w Wichita,KS

PO Box 48788
Wichita, KS 67202

GG Smith #1

Job Ticket: 44498

DST#: 2

ATTN: Max Lovely

Test Start: 2011.10.27 @ 10:16:00

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:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100m (oil spots)	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 #: 8652

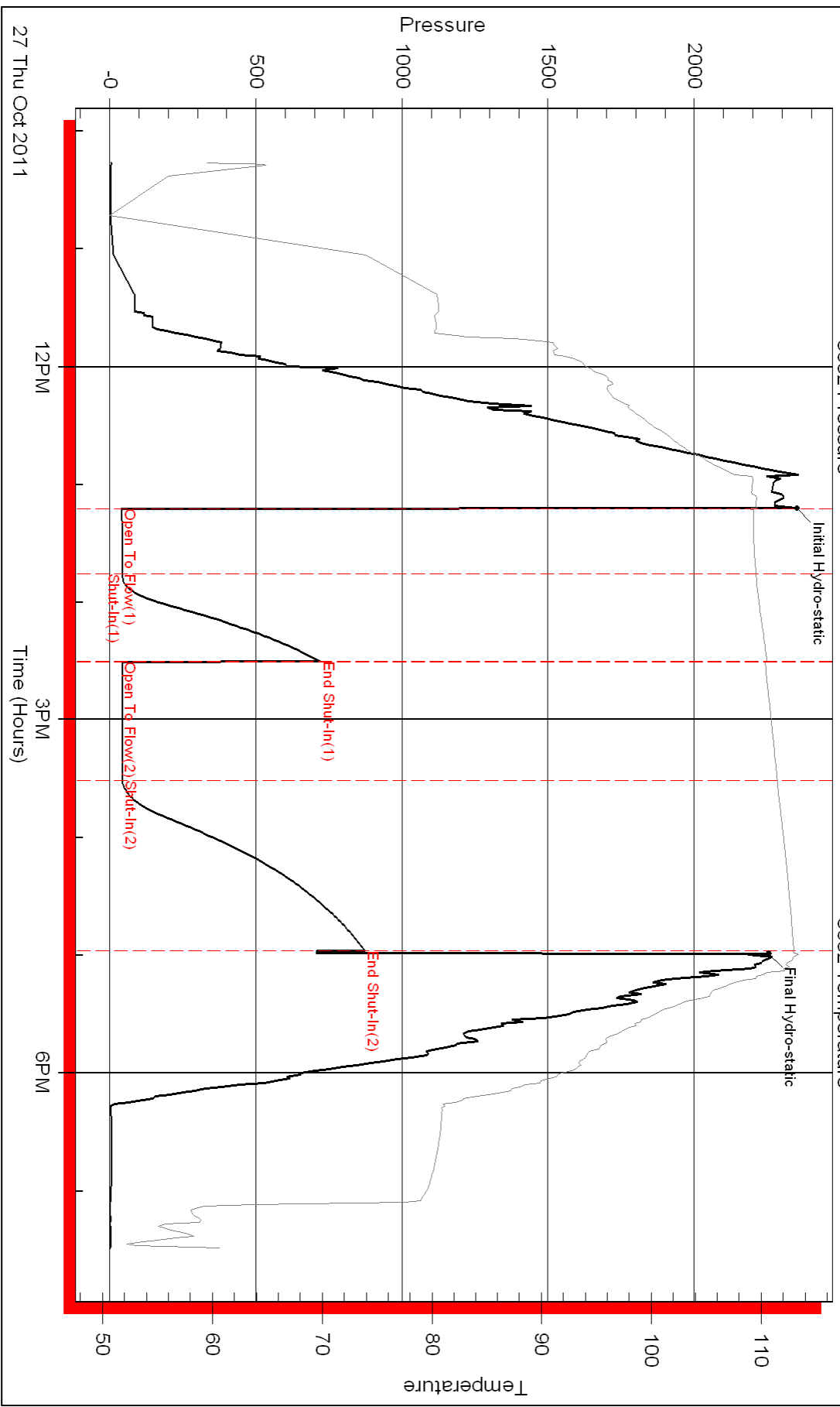
Inside

Raymond Oil Co., Inc

GG Smith #1

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 44498

Printed: 2011.11.15 @ 15:10:14



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Raymond Oil Co, Inc
 PO Box 48788
 Wichita, KS 67202
 ATTN: Max Lovely

6-20s-35w Wichita, KS

GG Smith #1

Job Ticket: 44499

DST#: 3

Test Start: 2011.10.28 @ 19:20:00

GENERAL INFORMATION:

Formation: **Atoka**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:18:45
 Time Test Ended: 04:25:00
 Interval: **4802.00 ft (KB) To 4863.00 ft (KB) (TVD)**
 Total Depth: 4863.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Reset)
 Tester: Bradley Walter
 Unit No: 40
 Reference Elevations: 3209.00 ft (KB)
 3198.00 ft (CF)
 KB to GR/CF: 11.00 ft

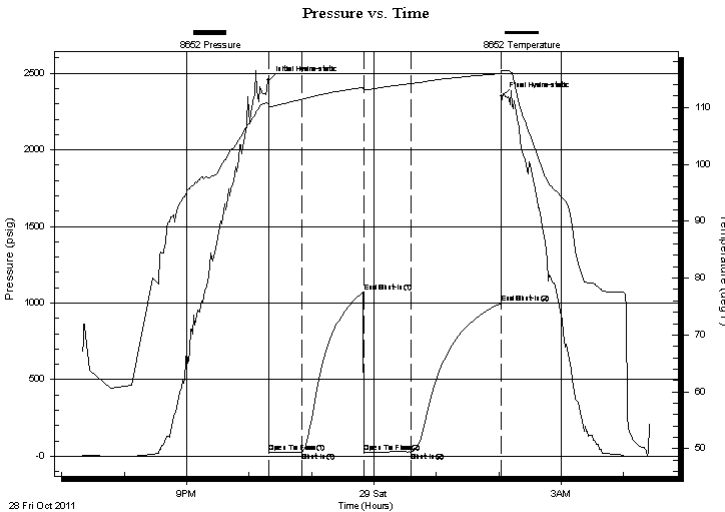
Serial #: 8652

Inside

Press @ Run Depth: 28.65 psig @ 4803.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.10.28 End Date: 2011.10.29 Last Calib.: 2011.10.29
 Start Time: 19:20:05 End Time: 04:25:00 Time On Btm: 2011.10.28 @ 22:18:30
 Time Off Btm: 2011.10.29 @ 02:02:30

TEST COMMENT: IF: Surface blow, died in 8 min.
 IS: No return.
 FF: No blow.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2454.57	110.68	Initial Hydro-static
1	24.00	109.77	Open To Flow (1)
32	27.54	111.40	Shut-In(1)
92	1072.30	113.53	End Shut-In(1)
92	27.26	112.86	Open To Flow (2)
138	28.65	114.20	Shut-In(2)
224	998.54	115.93	End Shut-In(2)
224	2348.29	116.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co, Inc
PO Box 48788
Wichita, KS 67202
ATTN: Max Lovely

6-20s-35w Wichita,KS
GG Smith #1
Job Ticket: 44499
Test Start: 2011.10.28 @ 19:20:00

DST#: 3

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8652

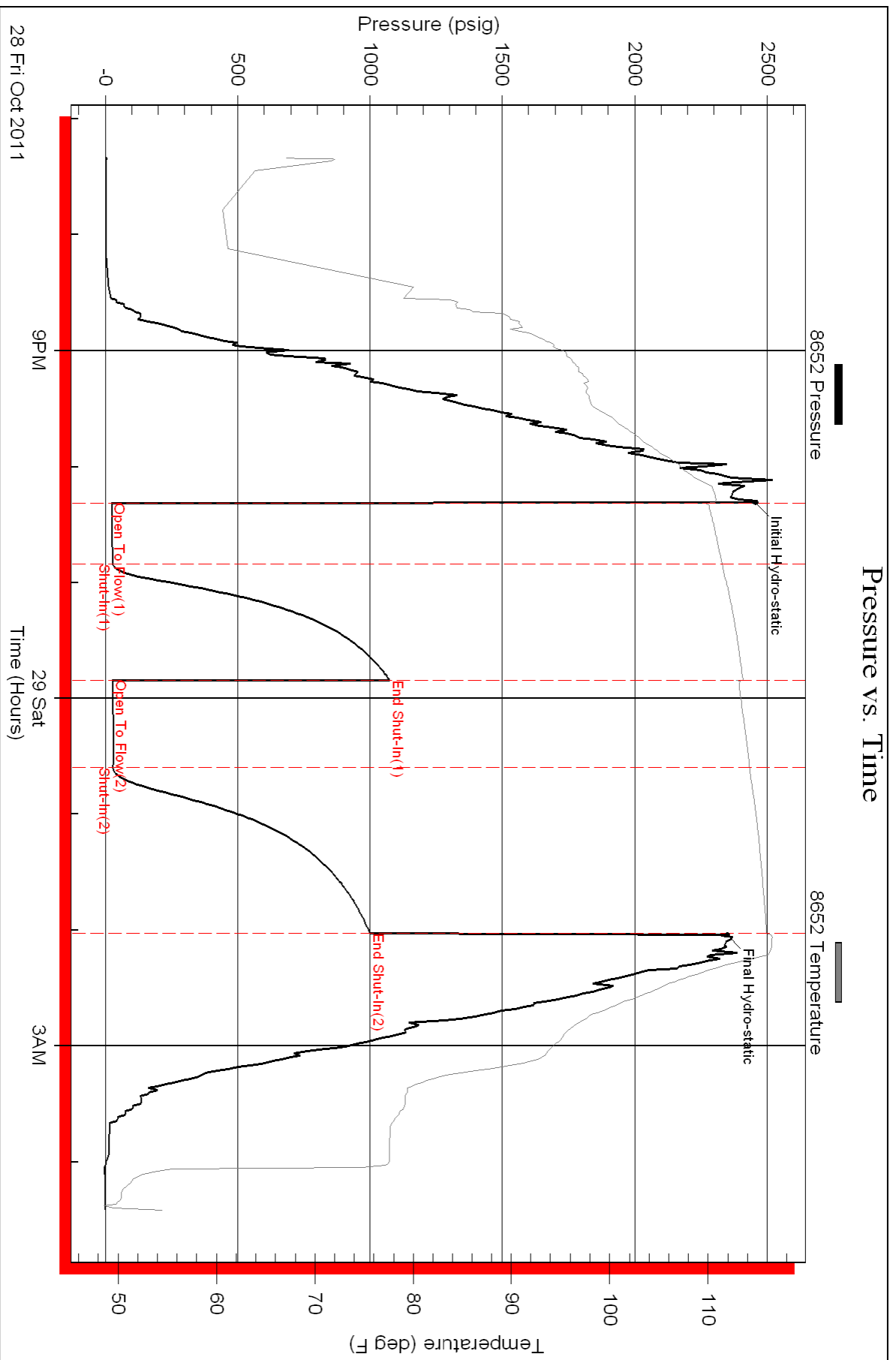
Inside

Raymond Oil Co. Inc

GG Smith #1

DST Test Number: 3

Pressure vs. Time



Max R. Lovely

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

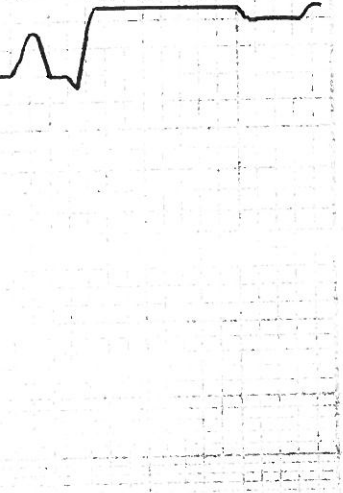
COMPANY **Raymond Oil Co.**
 CASE **G G Smith #1**
 FIELD **Wildcat**
 SECTION **SW NE SW SE**
 TWP **6** T48R **20** R35W
 COUNTY **Wichita** STATE **KS**
 CONTRACTOR **H2 Rig 2**
 DATE **10-19-2011** TO **10-30-11**
 WELL NO **5196** NEARBY WELL NO **5198**
 LOG NO **3388** LOG TYPE **Chem**

ELEVATION
3209
 DEPTH
3198
 KB
 DIRECTION
8 1/2 @ 268'
4 1/2" e
 comp N/D , V IND
 MICRO

Base Anhydrite	2341	2342	867	879	879
Stotler	3574	3574	-365	-348	-336
Heebner	3976	3991	-762	-768	-754
Lansing	4028	4038	-829	-820	-804
Stark	4353	ABS		-1135	-1113
Marmaton	4526	4526	-1317	-1320	-1296
Pawnee	4608	4613	-1404	-1415	-1384
Myric Station	4638	4648	-1439	-1454	-1416
Fort Scott	4652	4663	-1454	-1468	-1436
Cherokee	4700	4693	-1484	-1502	-1466
Johnson	4748	4738	-1529	-1544	-1512
Atoka	4792	4786	-1577	-1596	-1560
Morrow SH	4873	4874	-1665	-1690	-1638
Mississippi	5086	4976	-1767	-1852	-1762

Woolsey W R Wells #1 NW NW SW 7-20-35W
 Raymond Holstein #1 NE No SW NW 12-20-36W

LOG 7210



SECTION 10
 10' 20' 30' 40'

Amplitude
 2325 + 884

8.42

SECTION 10

OIL SHOWS

SECTION 10



SECTION 10

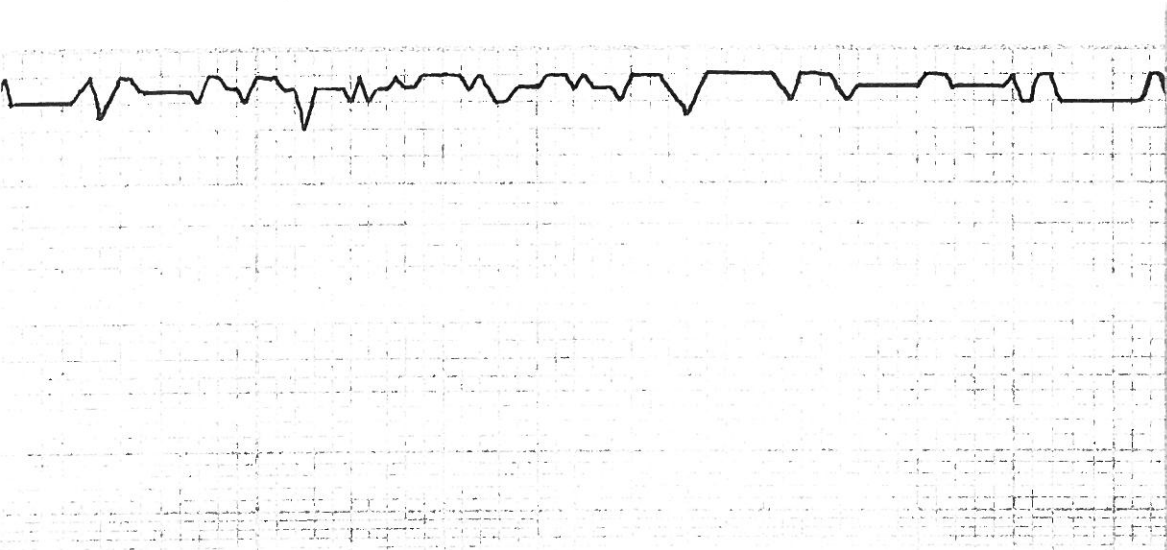
ANHYDRITE
2325 +884

BASE
ANHYDRITE
2341 +868

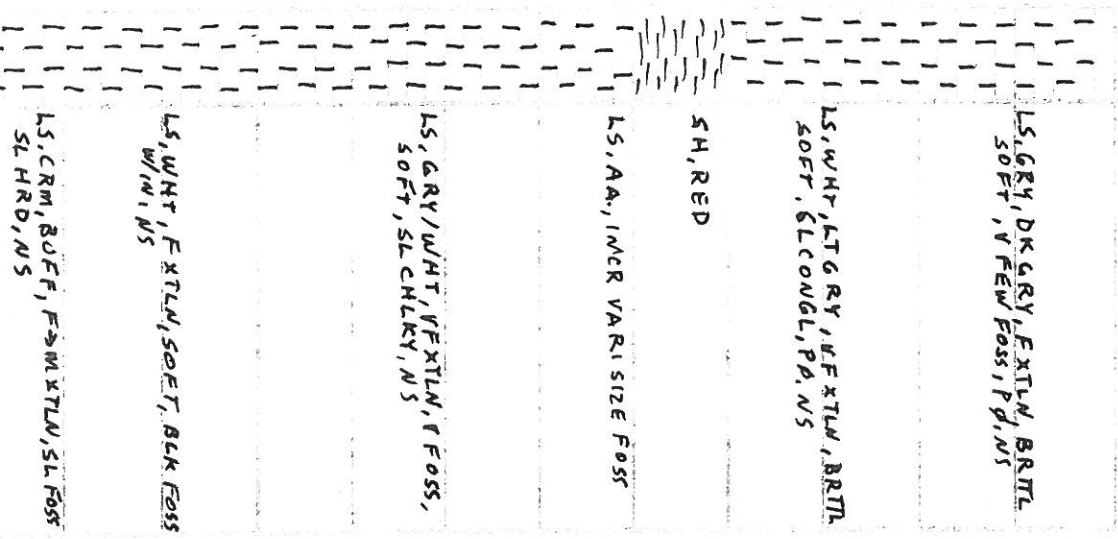
2400

3400





3500



L5, GRAY, DK GRAY, FXTLN, BRITL
50 FT, V FEW FOSS, P, NS

L5, WHT, LT GRAY, FXTLN, BRITL
50 FT, GL CONGL, P, NS

SH, RED

L5, A.A., IMCR VARI SIZE FOSS

L5, GRAY/WHT, FXTLN, F FOSS,
50 FT, SL CHLKY, NS

L5, WHT, FXTLN, SOFT, BLK FOSS
W/IN, NS

L5, CRM, BOEF, F WXTLN, SL FOSS
SL HRD, NS

SH, GRY

LS, TAN/WHT, VAR SIZE FOSS,
V SL CHLKY, NS

SH, GRY

LS, CRM, BUFF, V CHLKY, SCT M
XTLS V/IN, P → F Ø, NS

LS, A.A.

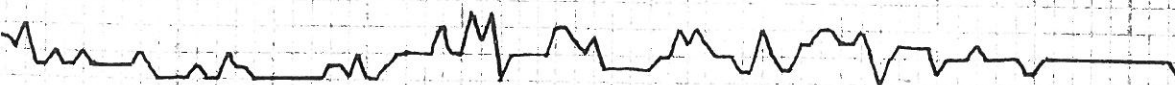
LS, GRY, LT GRY/TAN, F → M X TLA,
FOSS, S → M HRD, VPXTLN Ø, NS

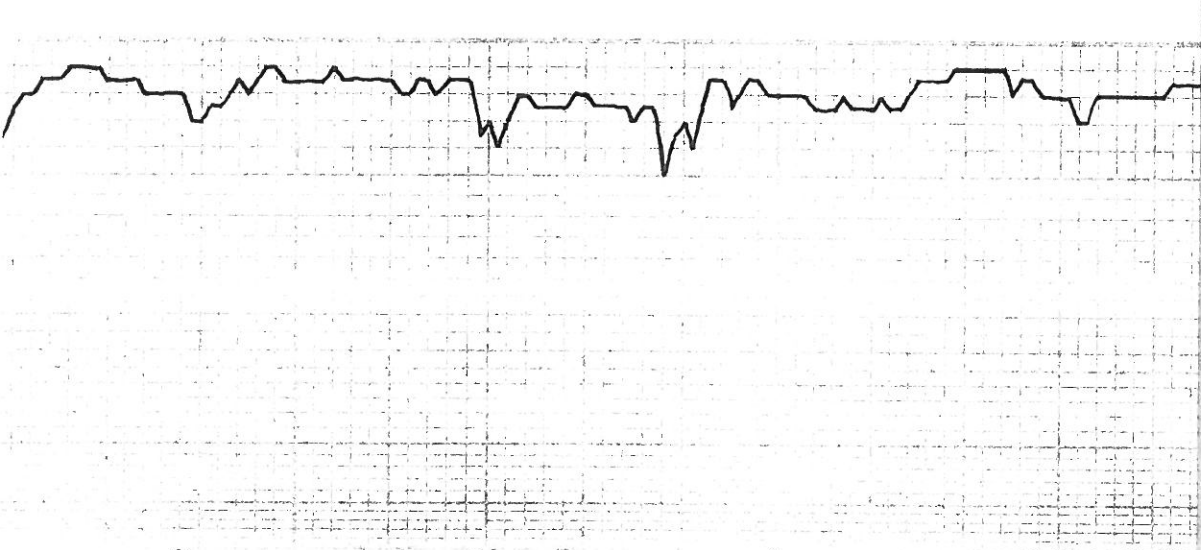
LS, CRM, VAR SIZE XTLG, CRS XT,
G, XTEN Ø, NS

STOTLER
3574 -365

3600

TARKIO
3616 -407





c 3700



L5, CRM

L5, CRM, WHI, VFX TLW, V DMS,
VHRD, TITE, MS

S5, SLTY, RED, GRV

A.A.

L5, CRM, TAN, F → m XTIL, A RNL R
TXI, FEW FOS, F XTIL W. AS

L5, TAN, GRV, BUFG, CRM, SCT WHI

LS, TAN, DRY, BUFF, CRM, SCT, WHI
CHY, V HRD, FEW FOSS, NS

SS, BUFF, FG RNS, WSORT, VGD
NS

A.A.

LS, BUFF, FOM XTLN, NO FOSS,
PB, SET CLK, NS

LS, TAN, BRN, VARI SIZE XTLS,
V FOSS, HRD, FB, NS

LS, WHI, TAN, BUFF, FOM XTLN,
V SL CHRY, SCT LG XTLS, SCT
FOSS, NS

LS, CRM, F XTLN, V SDFT, SL GRM
FB, NS

SH, GRY, BLK NODS

LS, CRM, V F XTLN, DMS, HRD,
TITE, NS

MUD CHECK
VIS 45' WT 8.9
CHLOR 3800 LCMZ
FILT 8

7:AM 10-24-11
DRLG @ 3866'

3800

3900



GEOLOGRAPH NOT ENGAGED



c

LS, TAN, GRAY, V FXTLW, DMS, HRD, TITE, MS

LS, GRM, TAN, FXTLW, CONGL, BRKTK, SOFT, 3 Ø, MS

LS, GRAY, V DMS, V HRD, TITE, MS

CHT, GRAY, MILKY

LS, CRM, FXTLW, GRWLR TXT, KERATIN STMG, 5-8M HRD, CNTRY, G P, MS

SH, GRAY/BLK, BLK CARB

LS, WHT, V FXTLW, SOFT, GRM, G WLT XTLD, MS

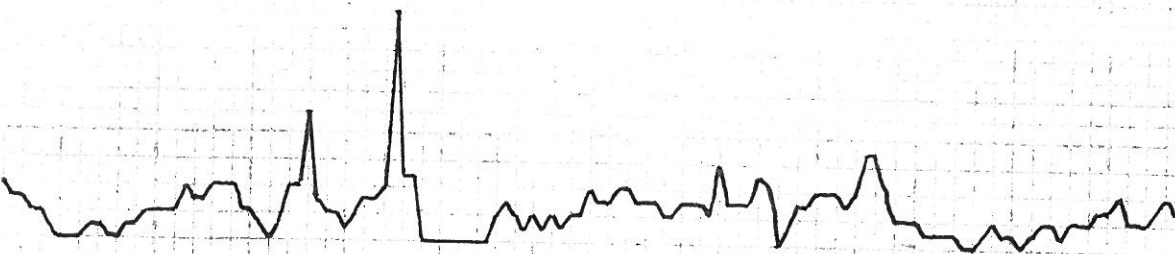
A.A.

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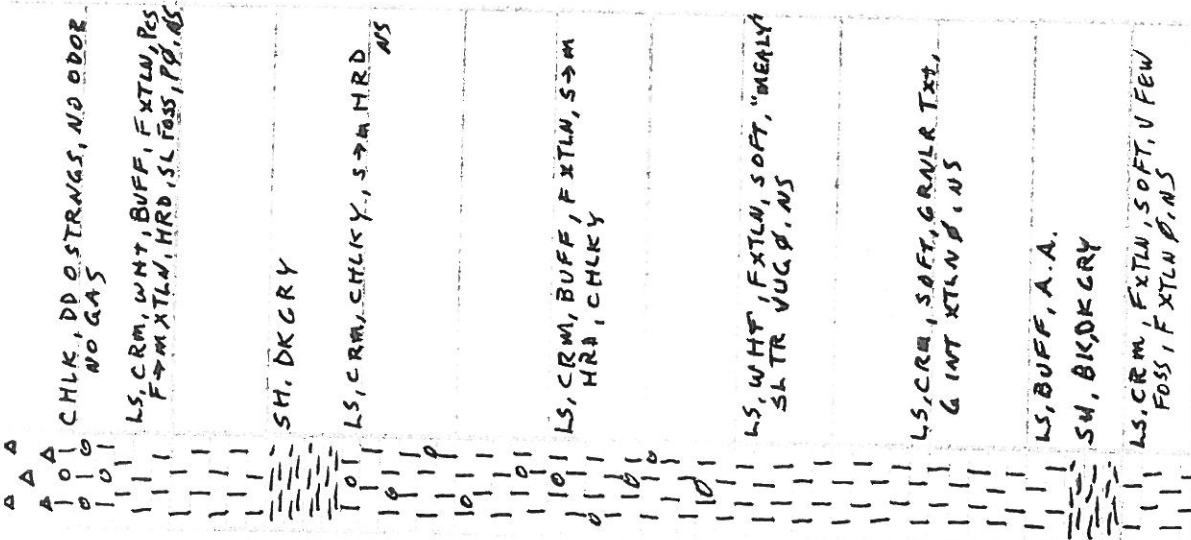
HEBERNER
3976 -767

LAUSING

AND WEST MOUNTAIN CASE 100



4100



A
A
A
A
A
A
A

CHLK, DD Q. STRINGS, NO ODOR
NO GAS

SH, DK GR

LS, CRM, CHLKY, S → M HRD
NS

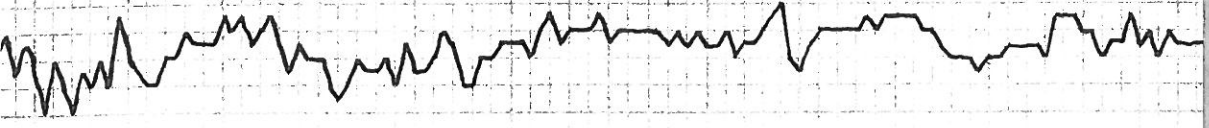
LS, CRM, BUFF, FXTLN, S → M
HRA, CHLKY

LS, WHT, FXTLN, SOFT, "MEALY"
SLTR VUG P. NS

LS, CRM, SOFT, GRAINR TXT,
G INT XTLN P. NS

LS, BUFF, A. A.
SH, BKDK GR

LS, CRM, FXTLN, SOFT, V FEW
FOSS, FXTLN P. NS



V15 50
wt 9.3
LCM 1

SH, RED, GRAY, GRW
LS, CRM, FXTLN, SL FOSS, MHRD
PXTLN B, NS

CHCK, LMY

LS, WHT, CHLKY, "MEALY", VG. B
CHT, WHT, F FOSS

LS, TAN, V FOSS, V HRD, DMS,
NO APP. NS

LS, GRAY, V FXTLN, DMS, V HRD,
NO FOSS, TITE, NS

SH, BLK

4225 - 1016
MUNCIE
CREEK

4230 - 1027
MUNCIE

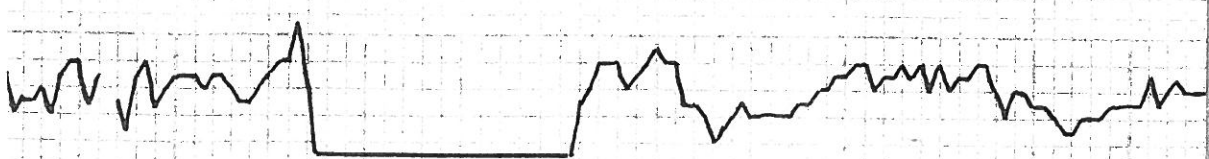
LS, LT GRAY, V FOSS, SHELLFRAGS
FXTLN, DMS, NS

LS, CRM, V FXTLN, SUEK PCS, 50 FT
V FEW FOSS IN PLS, CHLKY, NS

LS, BRN FXTLN, CAS XTUS W/M, PS
CAR XTUS, DMS, HRD, TITE, SET
CRS XTLN B, NS

LS, WHT, HRD, V 002, LA 0029.

V15 51
wt 9.1
LCM 1



CFS 45"

CFS 45"

CFS 45"

4300

STARK
C 4353-1144

4400

NO, WHT, F, RY, V, OOL, LG, OOLS,
W, ENTID, TITE

LS, WHT, CRM, M, OOL, P, ENTID,
SL, SCT, INT, OOL, S, NS

LS, BUFF, V, OOL, F, OSS, F, RW, ENTID,
M, HRD, NO, APP, NS

LS, TAM, V, F, XTLN, V, G, OOL, O, SOF,
O, R, F, ENTID, LG, OOLS, NS
NO, O, OOR

A. A.

LS, WHT, V, F, XTLN, SL, CHLKY,
DK, GRY, NODS, W/ N, VARI, SIZE
NODS, S, B, FT, NO, APP, NS

LS, BUFF, F, XTLN, HRD, V, F, OSS,
NO, APP, NS

LS, GRY, LT, GRY, V, F, XTLN, DNS,
HRD, TITE, NS

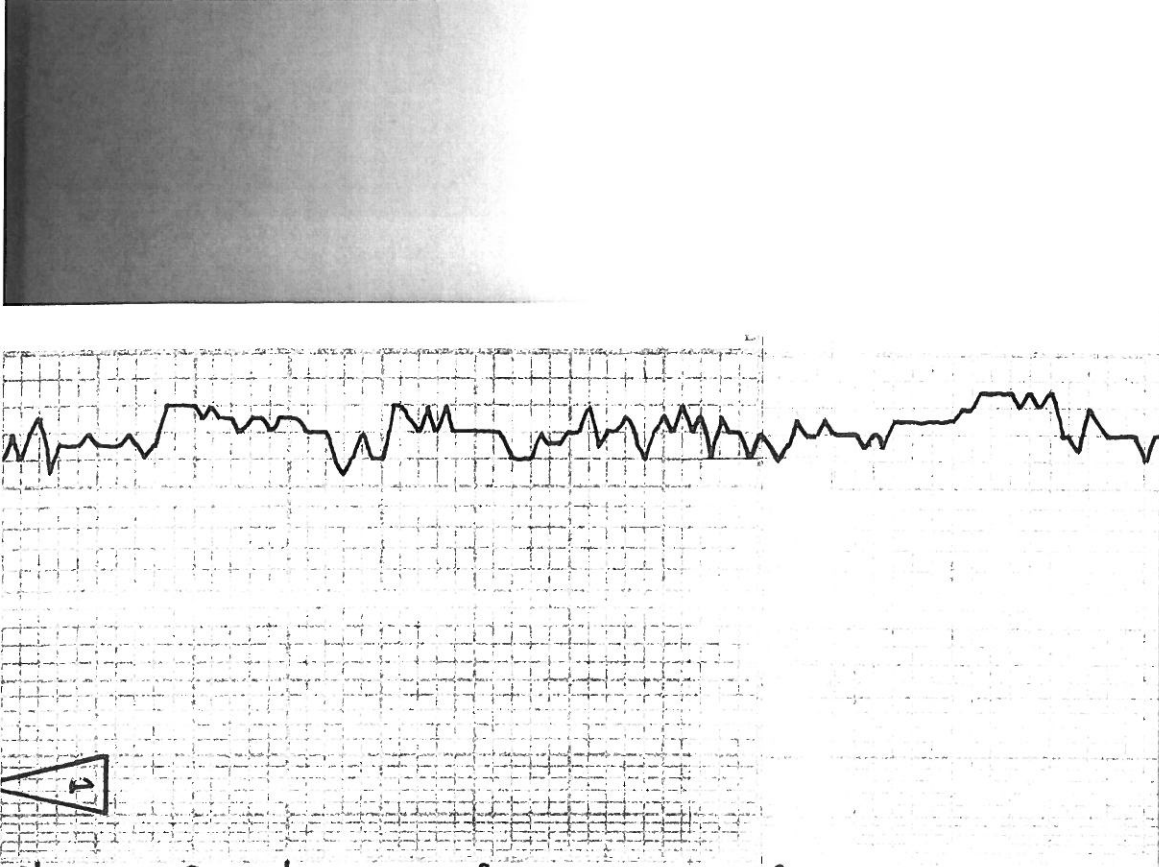
LS, A. A., INC, R, F, OSS, P, OS

A. A.

LS, GRY, V, F, XTLN, A, TY, HRD,
TITE, NS

-7:AM 10.25.11
CIRCE 4370

MUD CHECK
V. 554 wt 94
CHLOR 4206 L CMS
F. CT 8.8

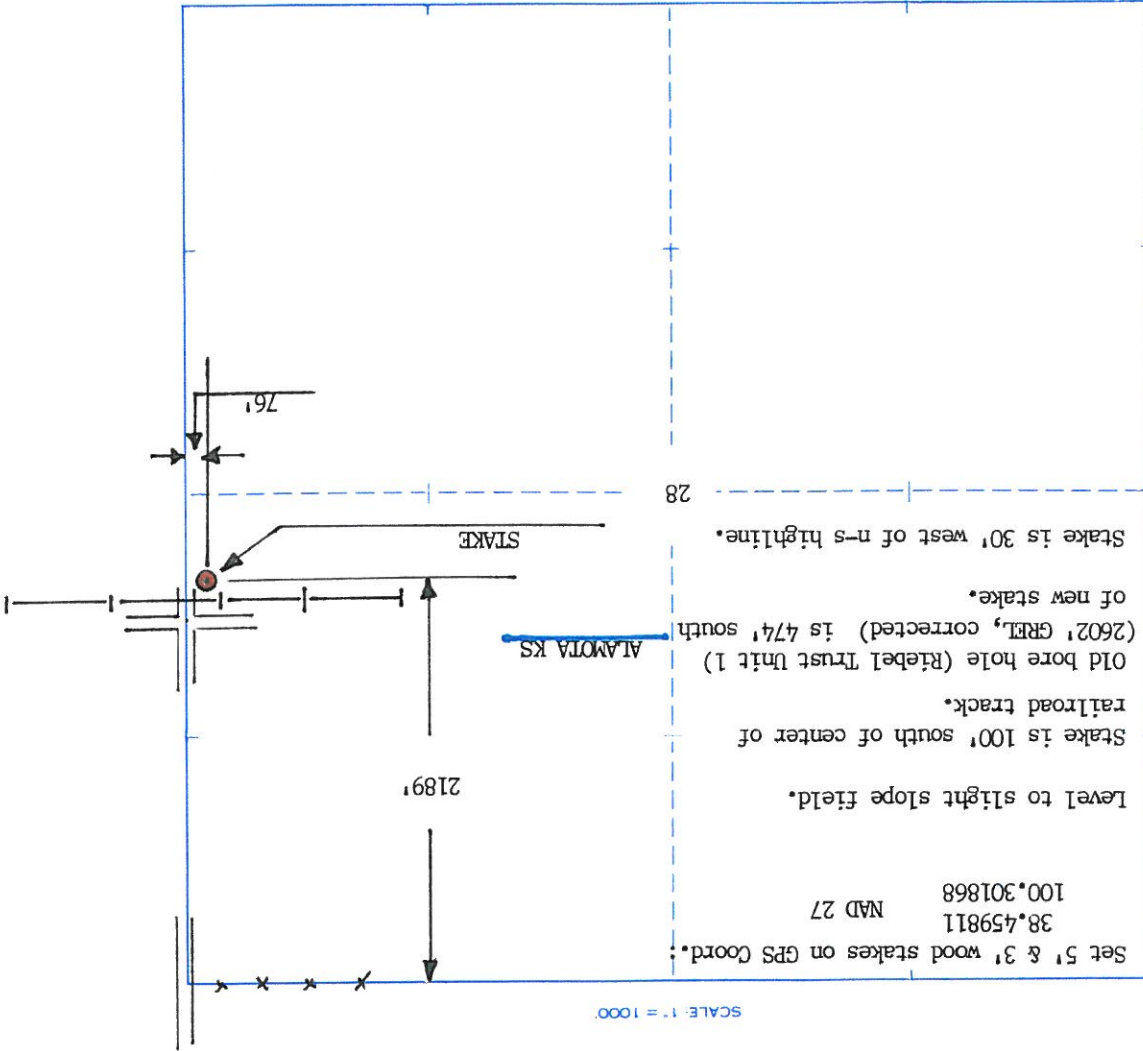


4500
 4500 - 1291
 BKC
 4526 - 1317
 MARIATION

L5, CRM, EXTLN, DMS, PCS
 V FOSS, SLOOL, ? SLOOM, NS
 L5, BRN, EXTLN, M HRD, FOSS,
 FXTLN / FOSS Ø, NS
 L5, TAN, EXTLN, ATY, FOSS
 NO VFS Ø, NS
 L5, BRN / TAN / WHT, F MXTLN,
 SL FOSS, WASH GAS / W HD,
 VIOLET FLUOR, NO Ø Ø Ø Ø
 CHLK, ? Ø Ø BRN STWA
 L5, CRM, BRN, F-MXTLN, CHLKY
 S M HRD, "MEALY", F → GXTLN
 NS
 L5, BRN, EXTLN, HRD, SL FOSS
 PXTLN Ø, NS
 L5, WHT, V FXTLN, SCT SPTY BLK
 TARRY DBO STWA, ? Ø Ø Ø, PCS
 DP STWA

30 STWA D ST SHORT TRIP
 DST #1 4519-4545
 30.60 W5.90
 F: B08 30sec, 151: B08 14'
 F: B08 45sec, F51: 5"
 REC: 1364' GIP
 1275' G.O 20% G, 80% O
 120' MCO 60% 31°
 F: 143-464, 486-763
 S: 1069-1019
 HP: 2363-2330

Staked 1/12/12



AUTHORIZED BY: Clarke Sandberg



RAYMOND OIL CO. INC.
PO Box 48788
Wichita, KS 67201-8788

ELEVATION 2608' GR

RAYMOND OIL CO. INC.	OPERATOR	1	FARM
HABIGER LVG TRUST	NO	2189'	FNL & 76' FEL of Sec.
Lane	COUNTY	28	18s 27w

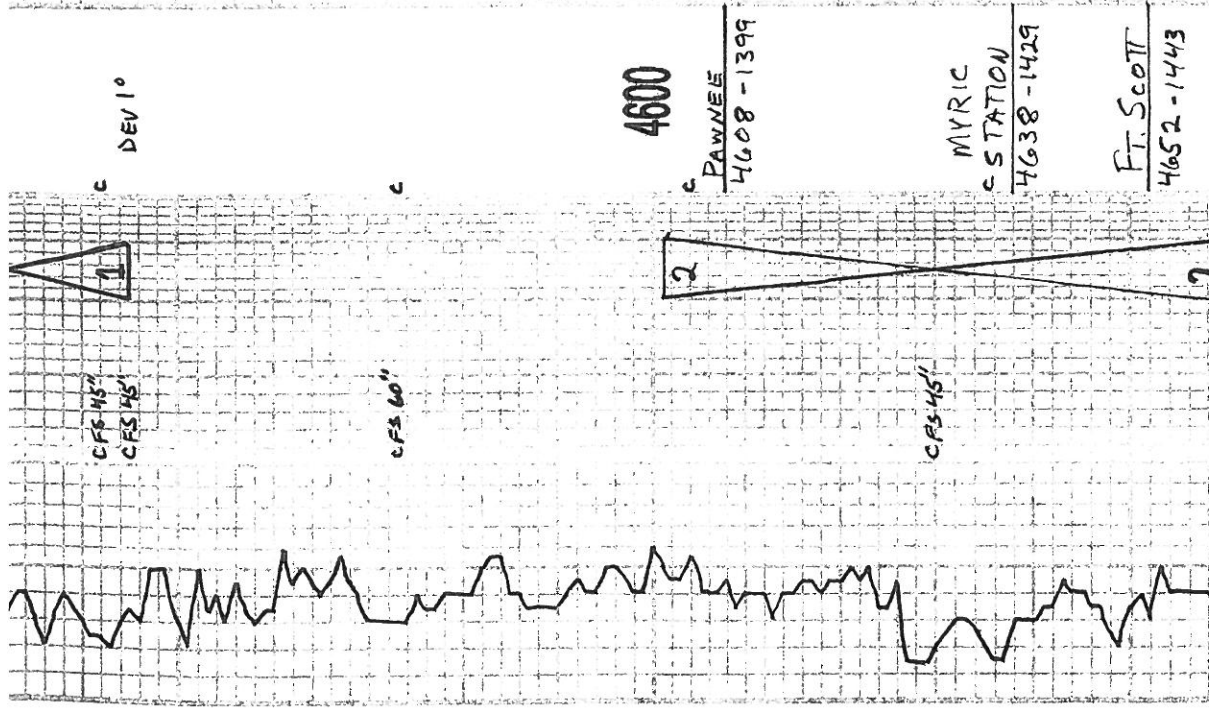
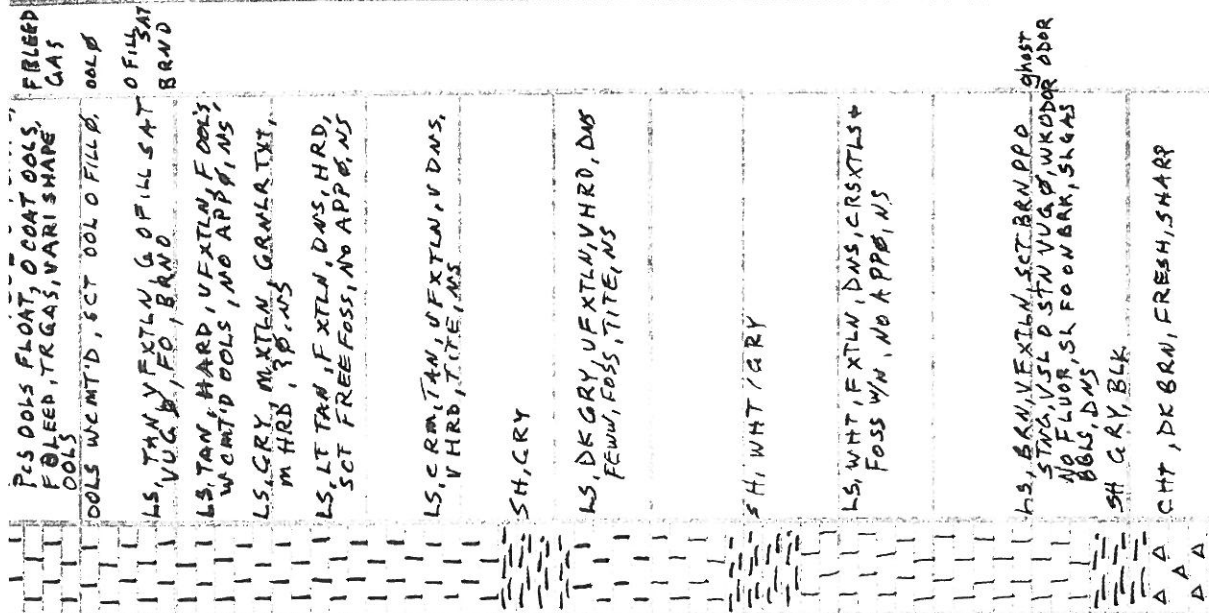
ADVANTAGE ELEVATIONS OIL FIELD SURVEYORS

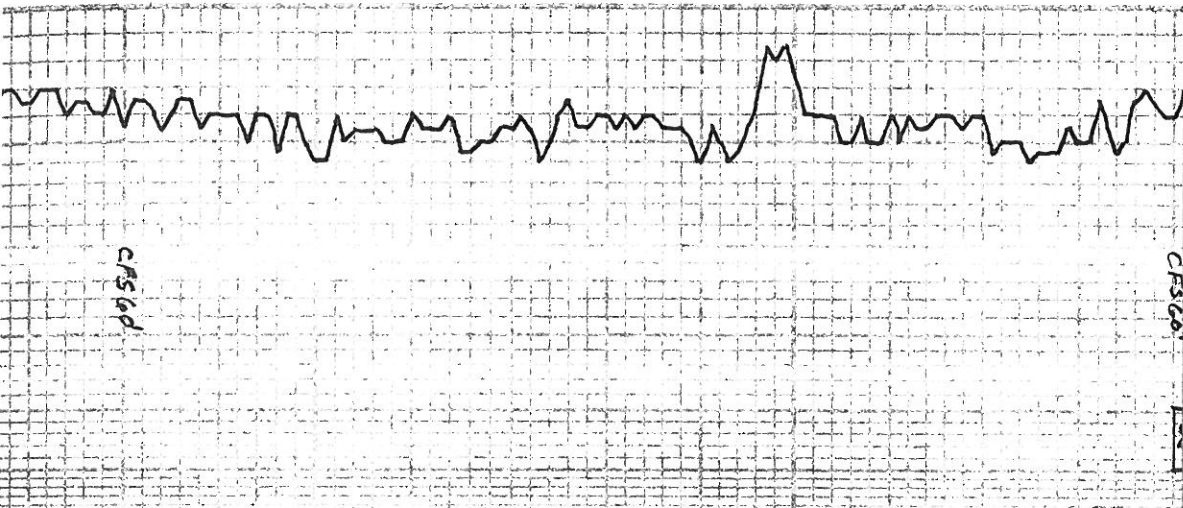
BOX 8604 - PRATT, KS 67124
(620) 672-6491

1230112 INVOICE NO

WT 9.1
LCMI
STRAP 4572.42
BOARD 4673.23
SHORT .85
7:AM 10.26.11... DST #1
MUDCHECK
VIS 54 WT 9.1
CHLOR 5000 LCM 2
FILT 8.0

MUDCHECK
VIS 56 WT 9.3
CHLOR 6200, LCM 2
FILT 8.0





CHS 60

CHS 60

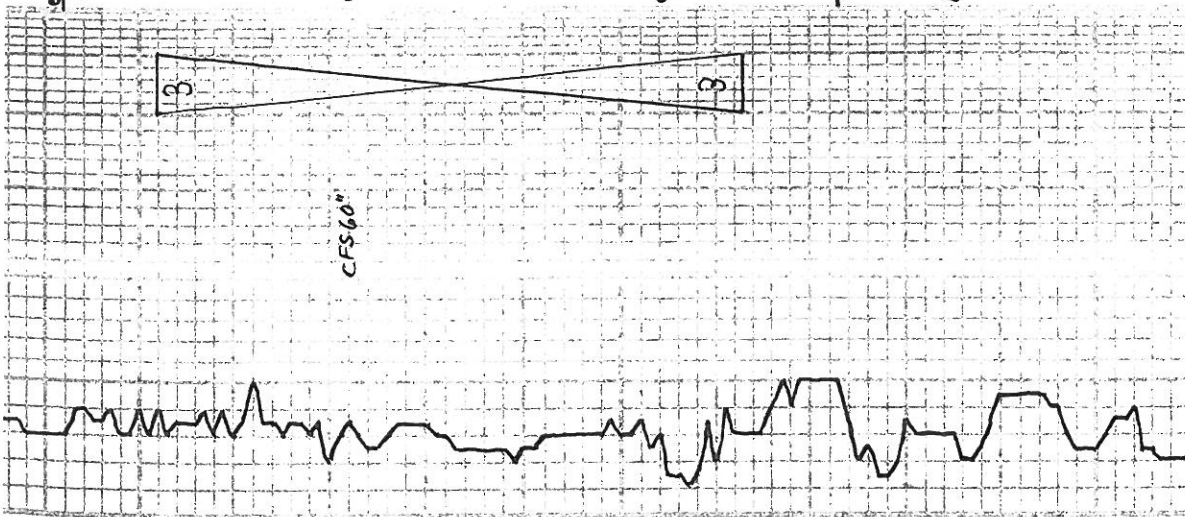
CHEROKEE
4700
4700-1491

JOHNSON
4742
4742-1539

LS, GARY/TAN, VEXTLN, HRD, TITE, NS	LS, GARY, VEXTLN, V DNS, HRD TITE, NS	LS, GARY, CRM, V FOSS, BELLS + PLS VHRD, TITE, NS	LS, LT GARY, CLR GRMS, F GRUB, W CMT'D, W SORT, P, M HRD, NS	LS TAN/WHIT, V HRD, DNS, CMT'D FOSS, BRTL SOFT P, NS, NS	LS, GARY, CRM, VEXTLN, V HRD, DNS TITE, NS	LS, BRN, TAN, F → M XTLM, V HRD, P, TITE, NS	LS, WHIT, V FOSS, TITE	LS, WHIT, F → M XTLM, HRD, TITE, NS	LS, WHITCRM, V FXTLN, SUCK DNS, VHRD, TITE, NS
-------------------------------------	---------------------------------------	---	--	--	--	--	------------------------	-------------------------------------	--

7:AM 10-27-11 ERCE@4660
 DST#2 4601-4660
 30.60.45.90
 IF: Blo, dued q" ISI: NR
 FF: DSA, FLUSH, DEAD FSR: NR
 REC: 10' M W/D SPTS
 FP: 40-41, 41-43
 SIP: 719-872
 HP: 2350-2253

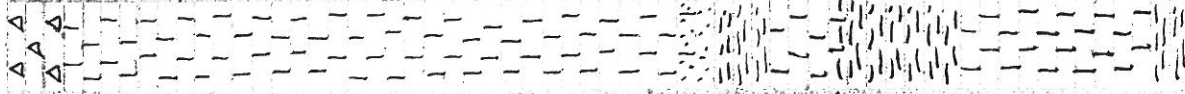
MUD CHECK
 VIS ST WT 9.4
 CHLOR 6, 400, LCM2
 FLT 8.0
 7:AM 10-28-11 DRCA@4660



ATOKA
4792 - 1583
4800

MORROW
SHALE
4875 - 1664

4900



LS, TAN, CRM, BRN, VF XTLN, VDMS,
TITE, U FOSS, MS

LS, BRN, V SML SMPLS, F → M XTLN,
VF PP BRN O FILL Ø, SL VUGY,
MICRO FO ON BRK

1 INCR Ø W OFILL (GL GRN TINT)
LS, WHIT, A. A., FAIR AMT FO IN
TRAY, NO ORBE

LS, WHT, FXTLN, CHCKY, LG XTL
WN, BRN DDOSTNG

SS, WHT, GRKCMAT, HRD, W CNTD
TITE, MS
SH, GRN, BLK DD OSTRS
SH, GRY, SMD GRNS W/N

LS, DK GRY/BLK, VF XTLN, VDMS,
V HRD, TITE, MS
SH, GRY

LS, DK GRY/BRN, FXTLN, VDMS
V HRD, TITE, MS
ABUN PYRITE, MAGNETITE, IRON

LS, TAN, VF XTLN, DMS, TITE, MS
FRACID, PYRITE REPLACEMENT
SH, GRN

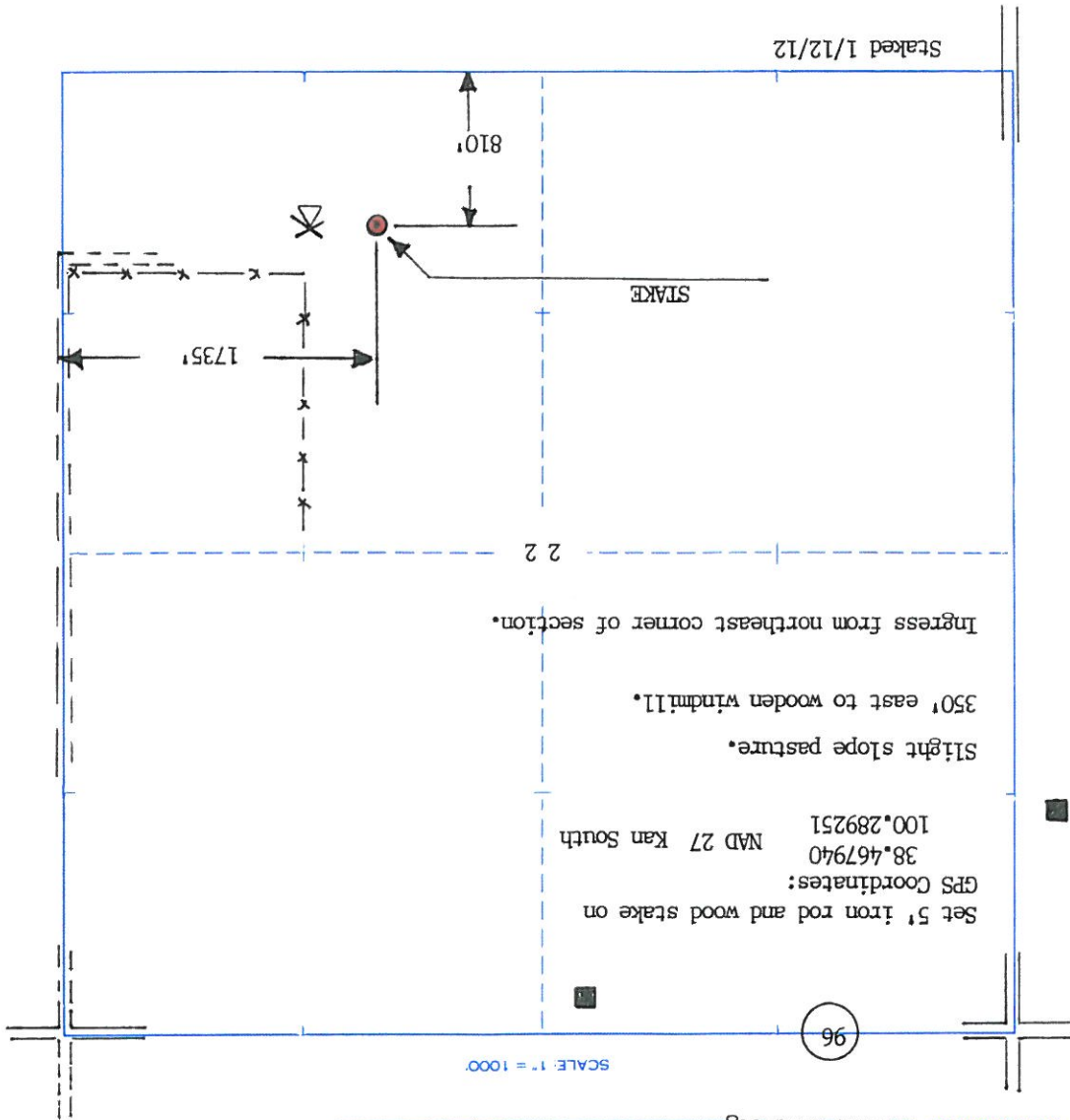
WHISPER
OF
D POR

VIT
FO
INCR
FO

DDSTNG

DST #3 4802-4863
30.60.45.90
IF: SURF BLO, DEEP 8"
REC: 5' M
FP: 24-28, 27-29
SIP: 1072-999
HP: 2455-2348

7: AM 10.29.11
CIRC HOLE FROM DST #3



AUTHORIZED BY Clarke Sandberg



RAYMOND OIL CO. INC.
PO Box 48788
Wichita, KS 67201-8788

ELEVATION 2610' GR

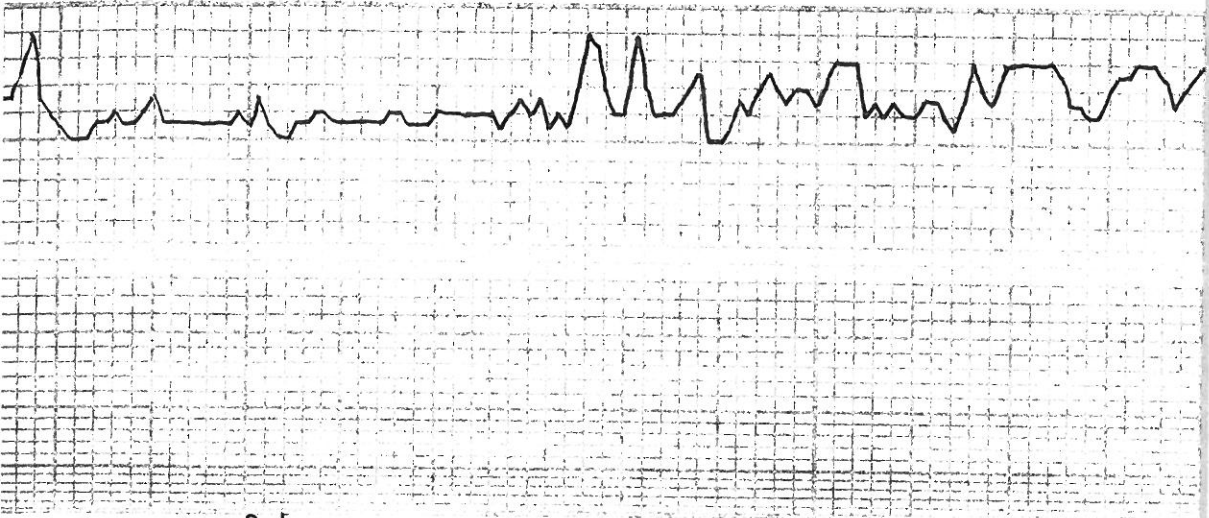
RAYMOND OIL CO. INC	OPERATOR	1	NO	M. ROBBINS LLC	FARM
Lane	22	18s	27w	810' FSL & 1735' FEL of Sec.	LOCATION
COUNTY	S	T	R		

OIL FIELD SURVEYORS



BOX 8604 - PRATT, KS 67124
(620) 672-6491

INVOICE NO 112123



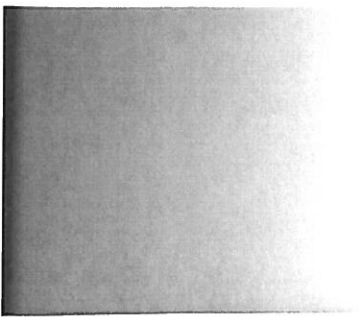
5000
 N155
 C5006 - 1797



SH, OLIVE
 SH, GRAY, GRN
 LS, CRM, EXTEN, CONGL, ACMT
 2 P MS
 SH, VARI COLOR, GRN, LT GRN, GRN
 SS, WHT, BRN, CLR GRNS, VARI SIZE
 + SHAPE, W CMT ID, P/B, HRD, MS
 SS, CLR GRNS, GRN CMT, SUB RWD,
 F-P SORT, VHRD TITE, MS
 SS CLR CRG GRNS, XLN GRNS,
 SORT, HRD, P, MS
 SH, GRN LFLOOD
 LS, TAN, BRN, V EXTEN, V DMS,
 V HAS, TITE, MS
 SH, FLOOD
 LS, TAN, V GRN LR, HRD TITE MS
 LS, BRN, V EXTEN, V HRD, DMS
 V FOS, TITE, MS

SH FLOOD
 MUD CHECK
 VIS 44 WT 95
 CHLOR 7900, LCM 2
 FILTER 9.6





SH FLOOD

VIS 46
WT 9.5
HCMZ



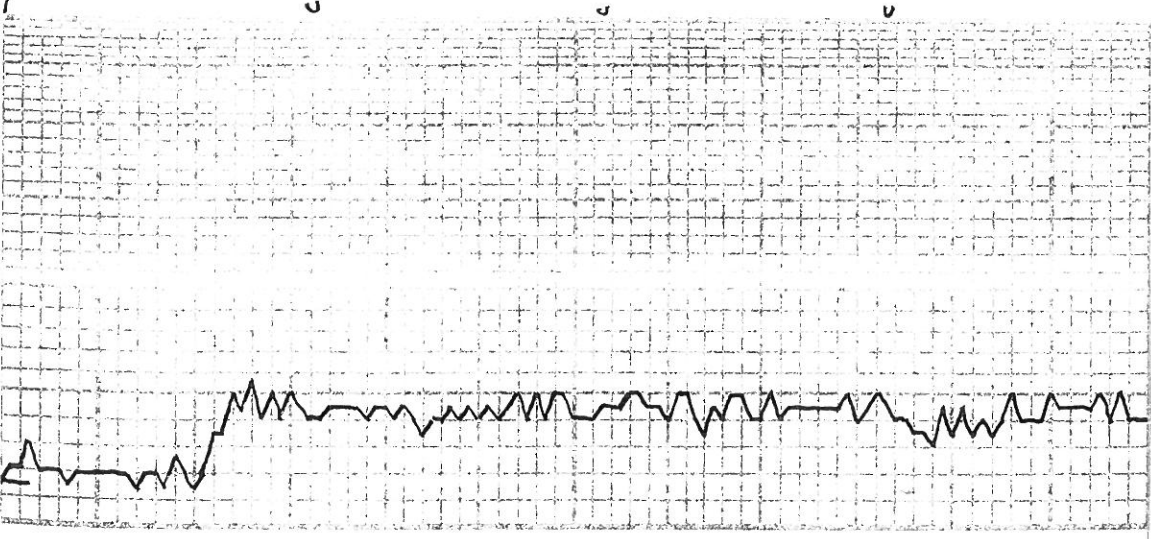
LS. CRM, V FXTLN, V HRD, V FBS
TITE, MS

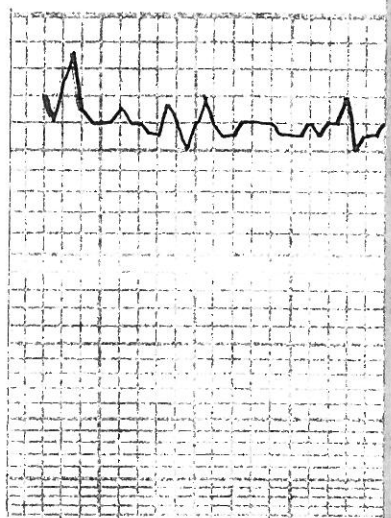
LS TAN, CRM, FXTLN, M HRD
V FBS, POS ATY, NO APP, MS

A.A.

LS. GRY, V FXTLN, SL GRNLR, TXL
HRD, NO APP, MS

5100





C
C-RTD

LS, WHI, CRM, F → M XTLM, MHRD,
SCT FOSS FRAGS, Pcs CHLKY + SOFT,
F INT XTLM PL, NS

LS, AA, LG XTLS + GRNS W/ NS

LS, CRM, F → W XTLM, BRTIL, MHRD,
SL FOSS, SL CHLKY, F XTLM
NS

-7:AM
10.30.11
DRLG@5188'
W5 G O
WT 9.4
LCM 1/2



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 33665

LOCATION Oak Hill

FOREMAN Fuzzy

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

FIELD TICKET & TREATMENT REPORT

CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-20-11	7158	G.G. Smith #1	6	20	35W	Wichita

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Raymond Oil Co.	463	Josh G		
	439	Cecil P		

CITY	STATE	ZIP CODE

JOB TYPE surface HOLE SIZE 12" 1/4 HOLE DEPTH 267' CASING SIZE & WEIGHT 8 1/8
 CASING DEPTH 267' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 15'
 DISPLACEMENT 15.7 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on Blk #2, Rig up & circulate
Mix 185 sks com 390cc 290 gal. Displaced 15 3/4 BBL
and shut in. Cement did circulate approx 5 BBL
to pit.

Thanks Fuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1025 ⁰⁰	1025 ⁰⁰
5406	60	MILEAGE	5 ⁰⁰	300 ⁰⁰
5407A	8.70 ton	Tow mileage Delivery	158	825 ⁰⁰
11045	185 sks	CLASS 'A' cement	16 ⁸⁰	3108 ⁰⁰
1102	522 #	Calcium chloride	.84	438 ⁴⁸
1118B	348 #	Bentonite	.24	83 ⁵²
		sub total		5780 ⁰⁰
		less 10% discount		578 ⁰⁰
				5202 ⁰⁰
		245219	SALES TAX	271 ¹⁵
			ESTIMATED TOTAL	5473 ¹⁵

Revin 3737

AUTHORIZATION Steve Craig

TITLE Tool Pusher

DATE 10-20-11

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 33674

LOCATION Oakley

FOREMAN Fuzzy

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-30-11	7158	G.G. Smith #1	6	20S	35W	Wichita

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Jay G		
439	Wes F		
528	Cecil P		
	Devel G		

JOB TYPE 2 stage HOLE SIZE 7 7/8 HOLE DEPTH 5196' CASING SIZE & WEIGHT 4 1/2 10.5
 CASING DEPTH 5182 49 DRILL PIPE _____ TUBING _____ OTHER DU Tool @ 2232
 SLURRY WEIGHT 14.2-12 SLURRY VOL 1.31-1.29 WATER gal/sk 6-10.8 CEMENT LEFT in CASING 42 1/2
 DISPLACEMENT 81.7 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on H₂S float equip Cent 1, 3, 2, 9, 12, 15, 20
 Basket Top of #70 DU Tool Top of #71. Rig up & circulate. Pump
 5 BBL water mix 225 sks 60/40 2 gage 7 1/2" posult. Wash pump
 and lines. Drop plug and displace 46 BBL water, 35 3/4 BBL mud
 700* lift hand plug @ 1500*. Drop DU Bomb with 15 min open
 tool @ 1200*. Pump 5 BBL water mix 20 sks MH, 30 sks RH. Mix
 400 sks 60/40 8 gage 1 1/4" Flo-seal down 4 1/2" ess. Wash pump & lines
 Drop plug and displace 35 3/4 BBL water lift press 700* close
 DU Tool @ 1600*. Cement did circulate 5 BBL top of float held

Thanks Fuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401P	1	PUMP CHARGE	2950 ⁰⁰	2950 ⁰⁰
5406	60	MILEAGE	5 ⁰⁰	300 ⁰⁰
5407A	29.02 tow	Tow mileage delivery	15 ⁰⁰	2751 ⁵⁷
1131	225 sks	60/40 pos - Bottom stage	14 ³⁵	3228 ⁷⁵
1131	450 sks	60/40 pos - Top stage	14 ³⁵	6457 ⁵⁰
1111	833 #	Salt	.42	349 ⁸⁶
1118B	3483 #	Bentonite	.24	835 ¹²
1107	113 #	Flo-seal	2 ⁶⁶	300 ⁶⁸
4156	1	4 1/2" ATFU Float shoe	287 ⁰⁰	287 ⁰⁰
4129	6	4 1/2" Centralizers	46 ⁰⁰	276 ⁰⁰
4103	1	4 1/2" Basket	261 ⁰⁰	261 ⁰⁰
4283	1	4 1/2" DU Tool w/latardown	3850 ⁰⁰	3850 ⁰⁰
		subtotal		21848 ¹⁸
		less 10% discount		2184 ⁸²
		subtotal		19665 ³⁶
		SALES TAX		1183 ⁷⁴
		ESTIMATED TOTAL		20849 ¹⁰

Revin 3737

AUTHORIZATION  TITLE 245497

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.