

15-109-20870

11-145-32w

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 2
Elevation 2763 KB Formation Lansing 35' Effective Pay -- Ft. Ticket No. 2611
Date 11-8-09 Sec. 11 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 3,797 ft. to 3,817 ft. Total Depth 3,817 ft.

Packer Depth 3,792 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,797 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,783 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,814 ft. Recorder Number 3815 Cap. 5,700 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.9 Water Loss 7.6 cc. Drill Pipe Length 3,770 ft. I.D. 3 1/2 in.

Chlorides 2,500 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 20 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 11 ins. No blow back during shut-in.
2nd Open: Weak, surface blow increasing. Off bottom of bucket in 33 mins. No blow back during shut-in.

Recovered 149 ft. of muddy water with a scum of oil = 1.528740 bbls. (Grind out: 45%-mud; 55%-water)

Recovered 186 ft. of muddy water = 1.908360 bbls. (Grind out: 15%-mud; 85%-water) Chlorides: 39,000 Ppm

Recovered 335 ft. of TOTAL FLUID = 3.437100 bbls. PH: 6.5 RW: .18 @ 60°

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 30%-mud; 70%-water with good, dead, oil specks

Time Set Packer(s)	<u>5:08</u>	A.M. <u>FXM</u>	Time Started Off Bottom	<u>8:53</u>	A.M. <u>FXM</u>	Maximum Temperature	<u>115°</u>
Initial Hydrostatic Pressure			(A)	<u>1784</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>10</u>	P.S.I. to (C)	<u>72</u>	P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(D)	<u>1190</u>	P.S.I.		
Final Flow Period	Minutes	<u>45</u>	(E)	<u>78</u>	P.S.I. to (F)	<u>159</u>	P.S.I.
Final Closed In Period	Minutes	<u>90</u>	(G)	<u>1178</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>1784</u>	P.S.I.		

Diamond Testing

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General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE #2 'B'	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #1 LANS 35' 3,797' - 3,817'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY	Report Date	2009/11/08
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	02:57:00
Formation	DST #1 LANS 35' 3,797' - 3,817'	Final Test Time	10:58:00
Well Fluid Type			
Start Test Date	2009/11/08		
Final Test Date	2009/11/08		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 149' MW 45% MUD, 55% WTR - SCUM OF OIL
186' MW 15% MUD, 85% WTR
335' TOTAL FLUID

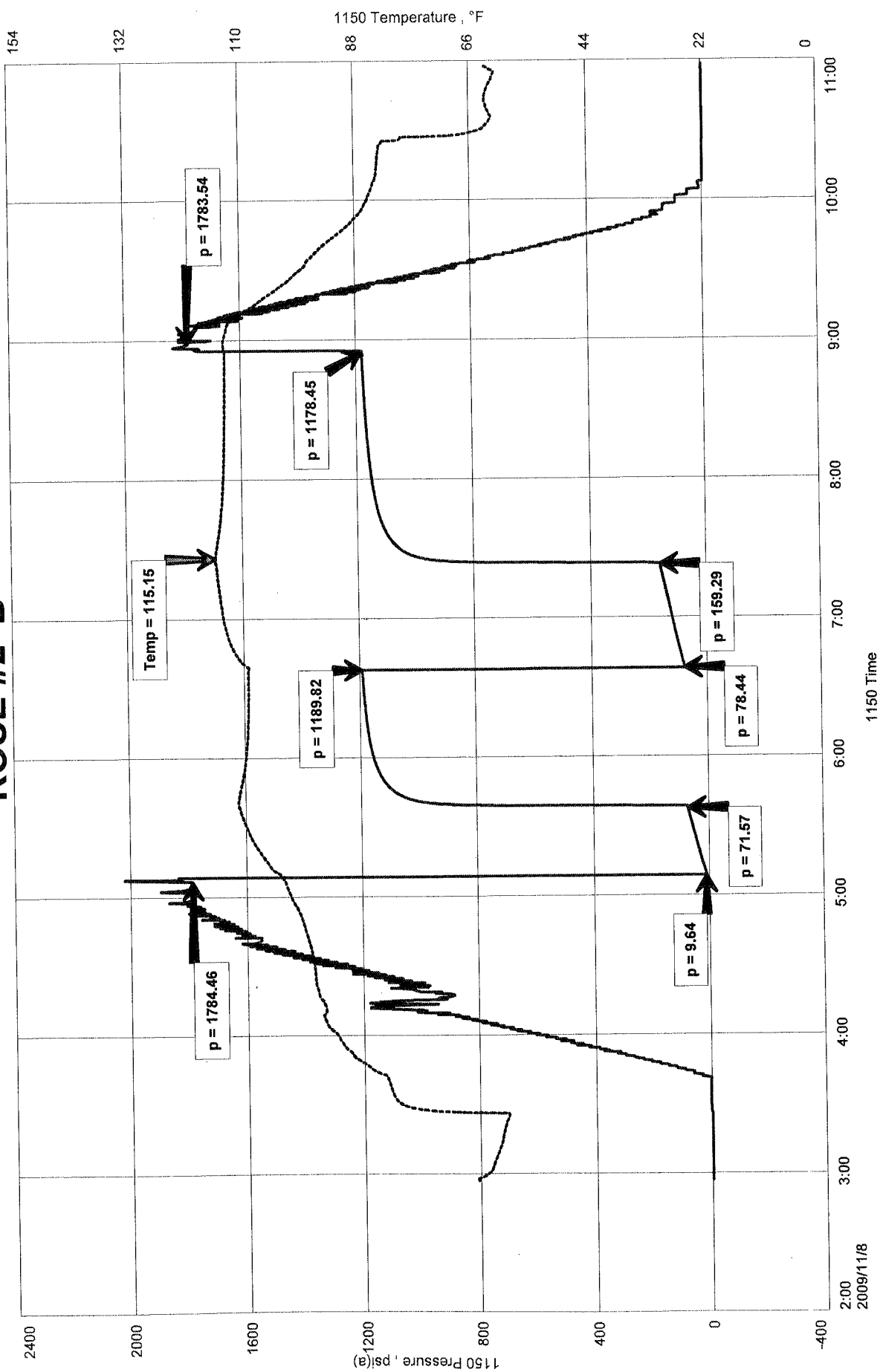
TOOL SAMPLE: 30% MUD, 70% WTR - GOOD DEAD OIL SPECKS

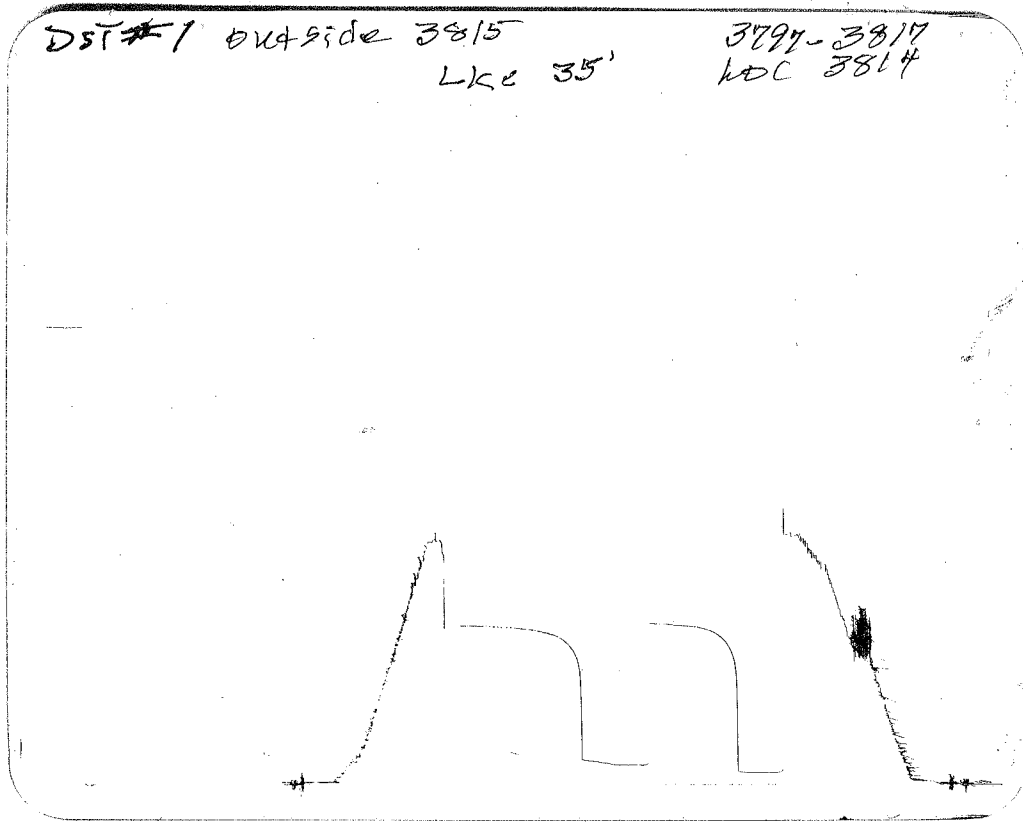
CHLORIDES: 39,000 Ppm
PH: 6.5
RW: .18 @ 60 DEG.

ROSE #2 'B'
Formation: DST #1 LANS 35' 3,797' - 3,817'

RAYMOND OIL COMPANY, INC.
DST #1 LANS 35' 3,797' - 3,817'
Start Test Date: 2009/11/08
Final Test Date: 2009/11/08

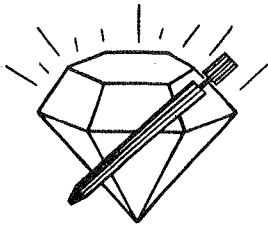
ROSE #2 'B'





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	1784	1784	1784	PSI
(B) First Initial Flow Pressure.....	10	10	10	PSI
(C) First Final Flow Pressure	72	72	72	PSI
(D) Initial Closed-in Pressure	1190	1190	1190	PSI
(E) Second Initial Flow Pressure	78	78	78	PSI
(F) Second Final Flow Pressure.....	159	159	159	PSI
(G) Final Closed-in Pressure.....	1178	1178	1178	PSI
(H) Final Hydrostatic Mud	1784	1784	1784	PSI



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 HOISINGTON, KANSAS 67544
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Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 2
 Elevation 2763 KB Formation Lansing 70' Effective Pay -- Ft. Ticket No. 2612
 Date 11-8-09 Sec. 11 Twp. 14S Range 32W County Logan State Kansas
 Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly
 Formation Test No. 2 Interval Tested from 3,842 ft. to 3,862 ft. Total Depth 3,862 ft.
 Packer Depth 3,837 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 3,842 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,828 ft. Recorder Number 1150 Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 3,859 ft. Recorder Number 3815 Cap. 5,700 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
 Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.
 Weight 8.9 Water Loss 7.6 cc. Drill Pipe Length 3,815 ft. I.D. 3 1/2 in.
 Chlorides 2,500 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 20 ft. Size 4 1/2 - FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 1/2 in. No blow back during shut-in.
 2nd Open: No blow. No blow back during shut-in.

Recovered 6 ft. of drilling mud = .061560 bbls. (Grind out: 100%-mud)
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks Tool Sample Grind Out: 100%-drilling mud with a few oil spots on top

Time Set Packer(s) 8:28 ~~AM.~~ P.M. Time Started Off Bottom 12:13 ~~AM.~~ P.M. Maximum Temperature 110°
 Initial Hydrostatic Pressure (A) 1809 P.S.I.
 Initial Flow Period Minutes 30 (B) 3 P.S.I. to (C) 10 P.S.I.
 Initial Closed In Period Minutes 60 (D) 1168 P.S.I.
 Final Flow Period Minutes 45 (E) 10 P.S.I. to (F) 19 P.S.I.
 Final Closed In Period Minutes 90 (G) 1148 P.S.I.
 Final Hydrostatic Pressure (H) 1812 P.S.I.

Diamond Testing

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General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE #2 'B'	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #2 LANS 70' 3,482' - 3,862'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY	Report Date	2009/11/10
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	18:22:00
Formation	DST #2 LANS 70' 3,842' - 3,862'	Final Test Time	02:02:00
Well Fluid Type	01 Oil		
Start Test Date	2009/11/08		
Final Test Date	2009/11/09		
Gauge Name	1150		
Gauge Serial Number			

Test Results

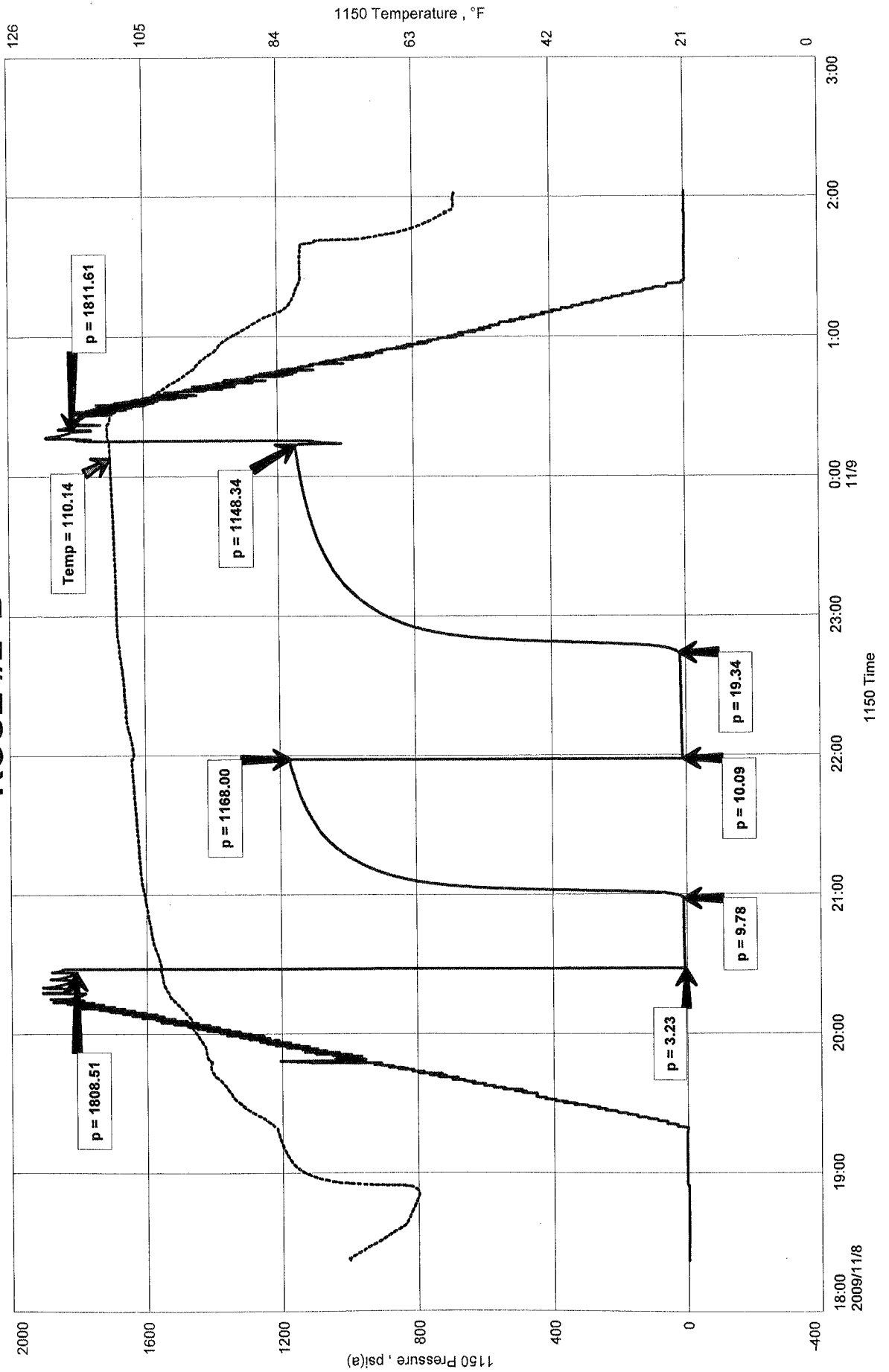
RECOVERED: 6' DM 100% MUD

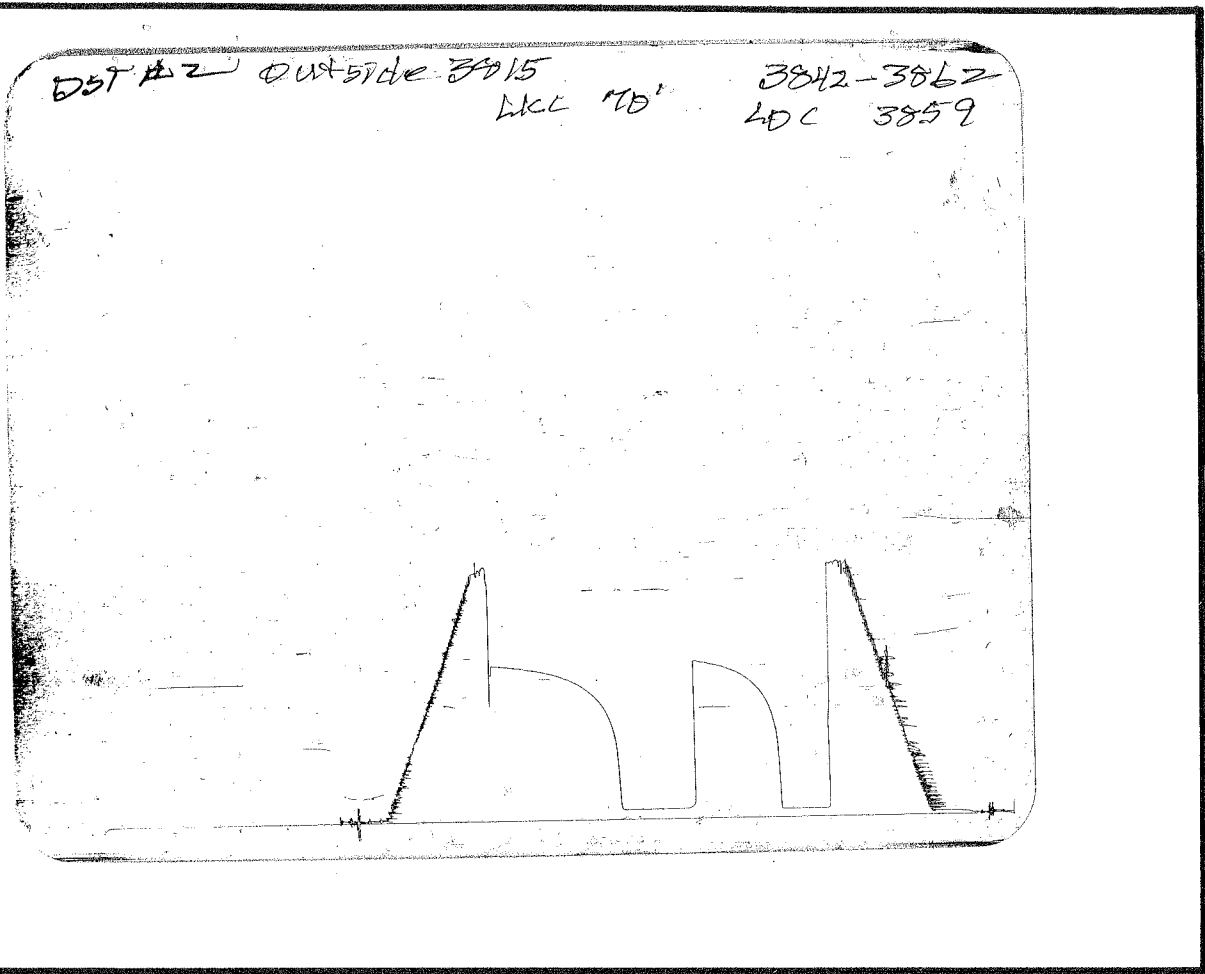
TOOL SAMPLE: 100% DM FEW OIL SPOTS ON TOP

RAYMOND OIL COMPANY, INC.
 DST #2 LANS 70' 3,482' - 3,862'
 Start Test Date: 2009/11/08
 Final Test Date: 2009/11/09

ROSE #2 'B'
 Formation: DST #2 LANS 70' 3,842' - 3,862'

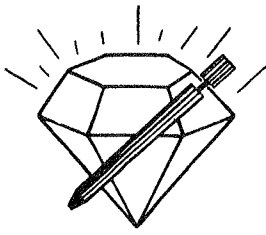
ROSE #2 'B'





This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	1809	1809	PSI
(B) First Initial Flow Pressure.....	3	3	PSI
(C) First Final Flow Pressure	10	10	PSI
(D) Initial Closed-in Pressure	1168	1168	PSI
(E) Second Initial Flow Pressure	10	10	PSI
(F) Second Final Flow Pressure.....	19	19	PSI
(G) Final Closed-in Pressure.....	1148	1148	PSI
(H) Final Hydrostatic Mud	1812	1812	PSI



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Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 2
Elevation 2763 KB Formation Lansing 120' - 140' Zone Effective Pay -- Ft. Ticket No. 2613
Date 11-9-09 Sec. 11 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 3,927 ft. to 3,955 ft. Total Depth 3,955 ft.

Packer Depth 3,922 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,927 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,913 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,952 ft. Recorder Number 3815 Cap. 5,700 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 48 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 9.6 cc. Drill Pipe Length 3,900 ft. I.D. 3 1/2 in.

Chlorides 3,000 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 28 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/2 in., blow increasing to 10 1/2 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing. Off bottom of bucket in 45 mins. No blow back during shut-in.

Recovered 45 ft. of watery mud = .461700 bbls. (Grind out: 33%-water; 67%-mud)

Recovered 186 ft. of salt water = 1.908360 bbls. (Grind out: 100%-water) Chlorides: 43,000 Ppm

Recovered 231 ft. of TOTAL FLUID = 2.370060 bbls. PH: 7.5 RW: .16 @ 64°

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 100%-salt water with good oil spots on top

Time Set Packer(s) 3:49 ~~AM~~ P.M. Time Started Off Bottom 7:34 ~~AM~~ P.M. Maximum Temperature 116°

Initial Hydrostatic Pressure (A) 1850 P.S.I.

Initial Flow Period Minutes 30 (B) 7 P.S.I. to (C) 54 P.S.I.

Initial Closed In Period Minutes 60 (D) 1214 P.S.I.

Final Flow Period Minutes 45 (E) 56 P.S.I. to (F) 115 P.S.I.

Final Closed In Period Minutes 90 (G) 1194 P.S.I.

Final Hydrostatic Pressure (H) 1849 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE #2 'B'	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #3 LANS 120'-140' 3,927' - 3,955'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY	Report Date	2009/11/09
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type			

Test Type	CONVENTIONAL	Start Test Time	13:37:00
Formation	DST #3 LANS 120'-140' 3,927' - 3,955'	Final Test Time	21:29:00
Well Fluid Type			
Start Test Date	2009/11/09		
Final Test Date	2009/11/09		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 45' WM 33% WTR, 67% MUD
186' SW 100% WTR
231' TOTAL FLUID

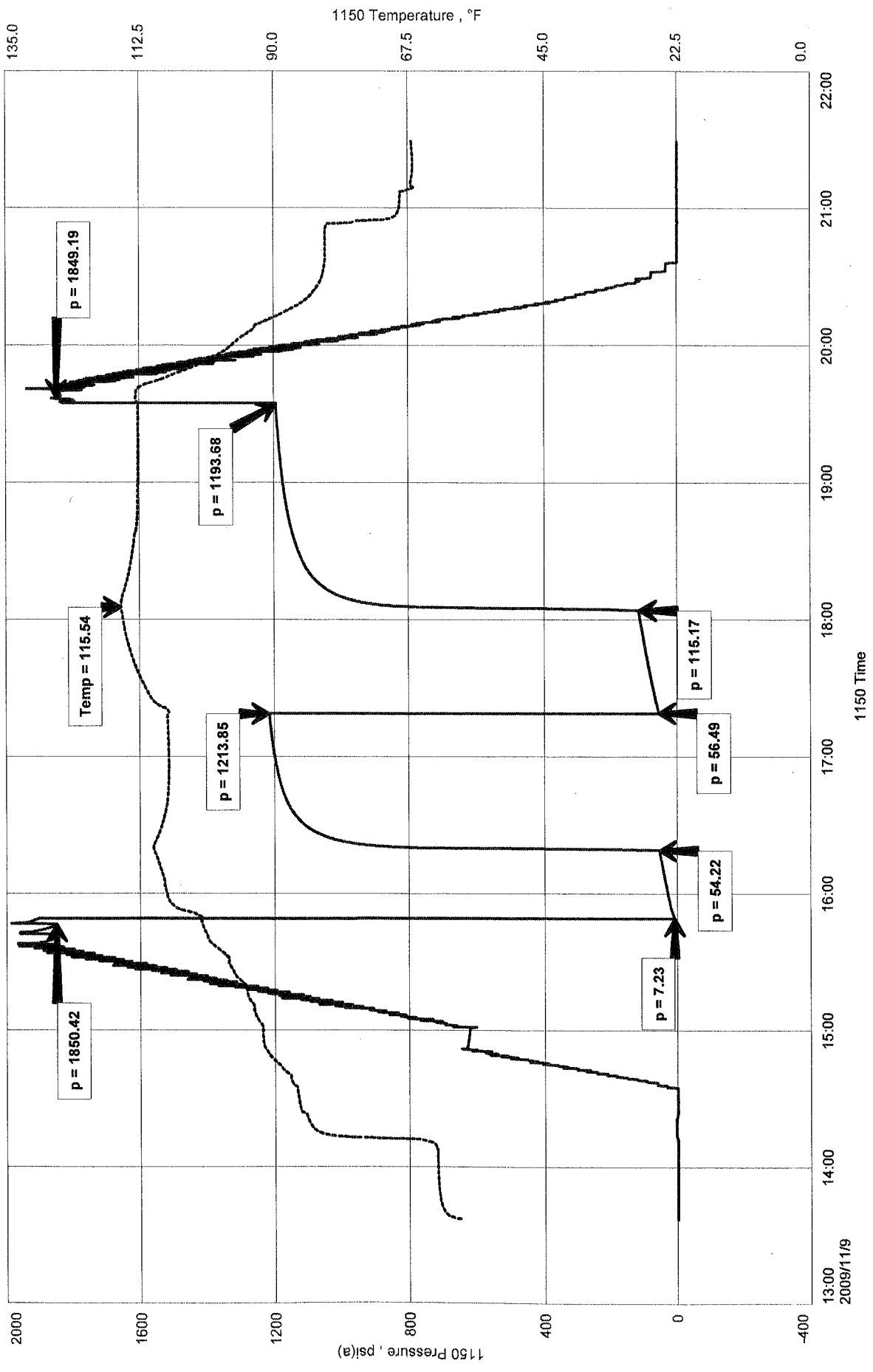
TOOL SAMPLE: 100% SW WITH GOOD OIL SPOTS ON TOP

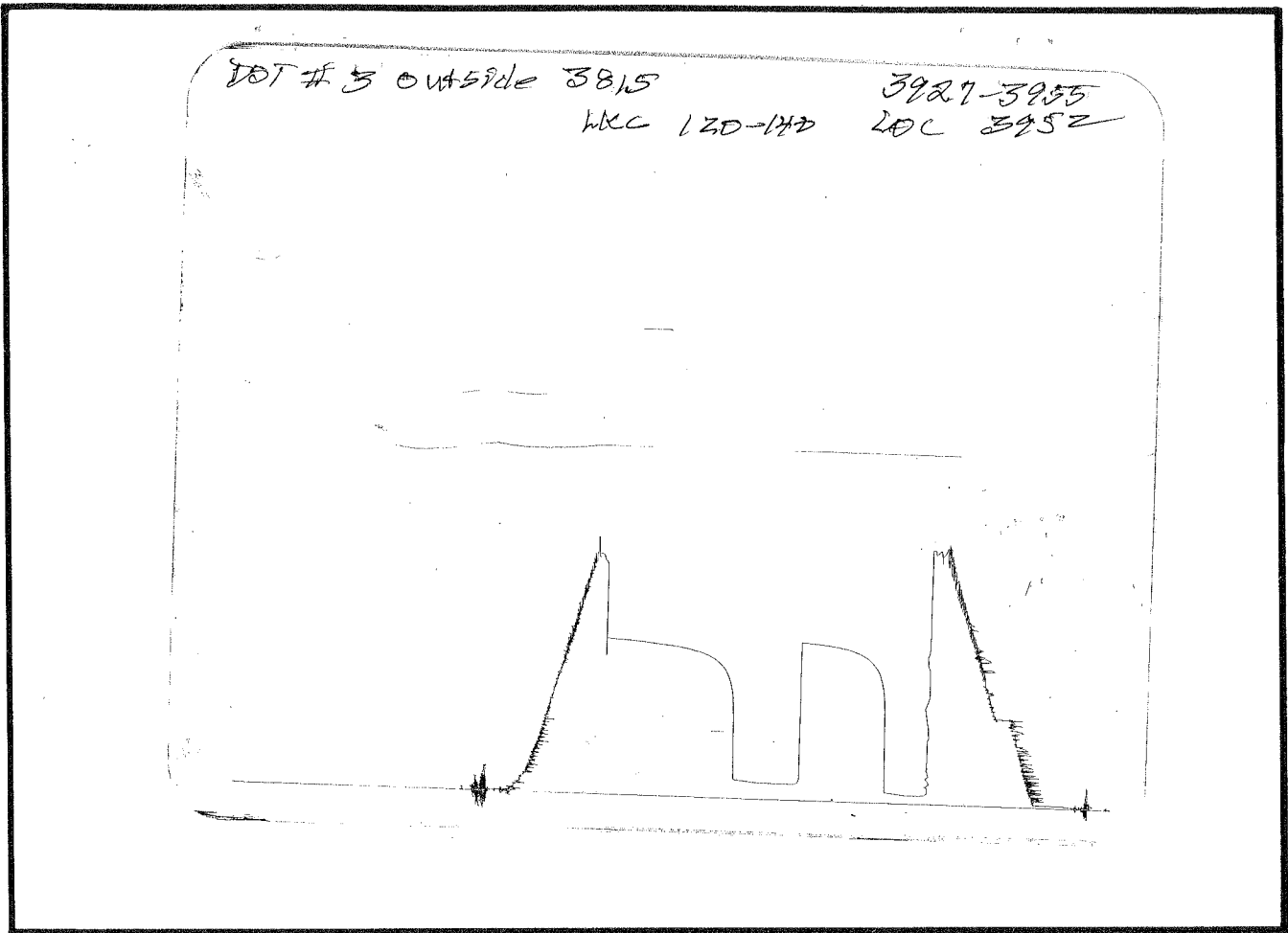
CHLORIDES: 43,000 Ppm
PH: 7.5
RW: .16 @ 64 deg.

RAYMOND OIL COMPANY, INC.
DST #3 LANS 120'-140' 3,927' - 3,955'
Start Test Date: 2009/11/09
Final Test Date: 2009/11/09

ROSE #2 'B'
Formation: DST #3 LANS 120'-140' 3,927' - 3,955'

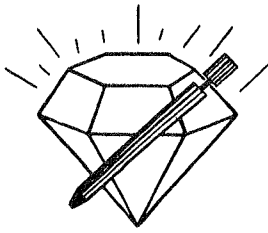
ROSE #2 'B'





This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	1850	1850	PSI
(B) First Initial Flow Pressure	7	7	PSI
(C) First Final Flow Pressure	54	54	PSI
(D) Initial Closed-in Pressure	1214	1214	PSI
(E) Second Initial Flow Pressure	56	56	PSI
(F) Second Final Flow Pressure	115	115	PSI
(G) Final Closed-in Pressure	1194	1194	PSI
(H) Final Hydrostatic Mud	1849	1849	PSI



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 2
 Elevation 2763 KB Formation Lansing 160' - 180' Zone Effective Pay -- Ft. Ticket No. 2614
 Date 11-10-09 Sec. 11 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 4 Interval Tested from 3,963 ft. to 4,013 ft. Total Depth 4,013 ft.
 Packer Depth 3,958 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 3,963 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,949 ft. Recorder Number 1150 Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 4,010 ft. Recorder Number 3815 Cap. 5,700 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
 Mud Type Chemical Viscosity 52 Weight Pipe Length -- ft. I.D. -- in.
 Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,936 ft. I.D. 3 1/2 in.
 Chlorides 3,400 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 19' perf. w/31' drill pipe Size 4 1/2 - FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 2 1/2 ins. No blow back during shut-in.
 2nd Open: Weak, surface blow increasing to 1 in. No blow back during shut-in.

Recovered 34 ft. of drilling mud = .348840 bbls. (Grind out: 100%-mud)
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Remarks Tool Sample Grind Out: 100%-drilling mud with good oil spots

Time Set Packer(s)	<u>8:11</u>	P.M. <u>A.M.</u>	Time Started Off Bottom	<u>11:56</u>	P.M. <u>A.M.</u>	Maximum Temperature	<u>110°</u>
Initial Hydrostatic Pressure			(A)	<u>1877</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>7</u>	P.S.I. to (C)	<u>15</u>	P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(D)	<u>954</u>	P.S.I.		
Final Flow Period	Minutes	<u>45</u>	(E)	<u>18</u>	P.S.I. to (F)	<u>29</u>	P.S.I.
Final Closed In Period	Minutes	<u>90</u>	(G)	<u>850</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>1868</u>	P.S.I.		

Diamond Testing

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General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE #2 'B'	Representative	TOGER D. FRIEDLY
Unique Well ID	DST #4 LANS 160-180 3,963' - 4,013'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY	Report Date	2009/11/10
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type			

Test Type	CONVENTIONAL	Start Test Time	06:20:00
Formation	DST #4 LANS 160-180 3,963' - 4,013'	Final Test Time	13:42:00
Well Fluid Type	01 Oil		
Start Test Date	2009/11/10		
Final Test Date	2009/11/10		
Gauge Name	1150		
Gauge Serial Number			

Test Results

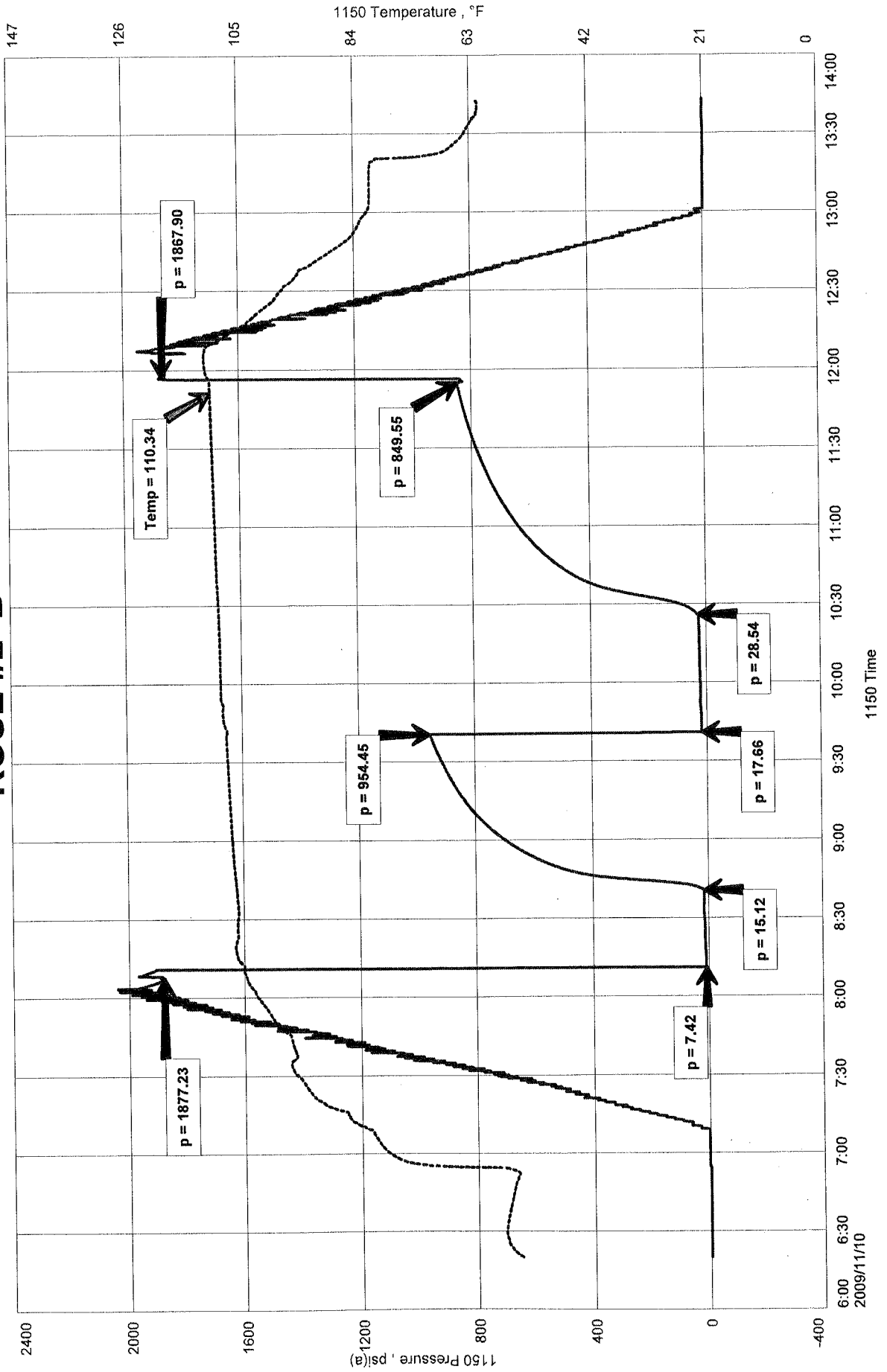
RECOVERED: 34' DM 100% MUD

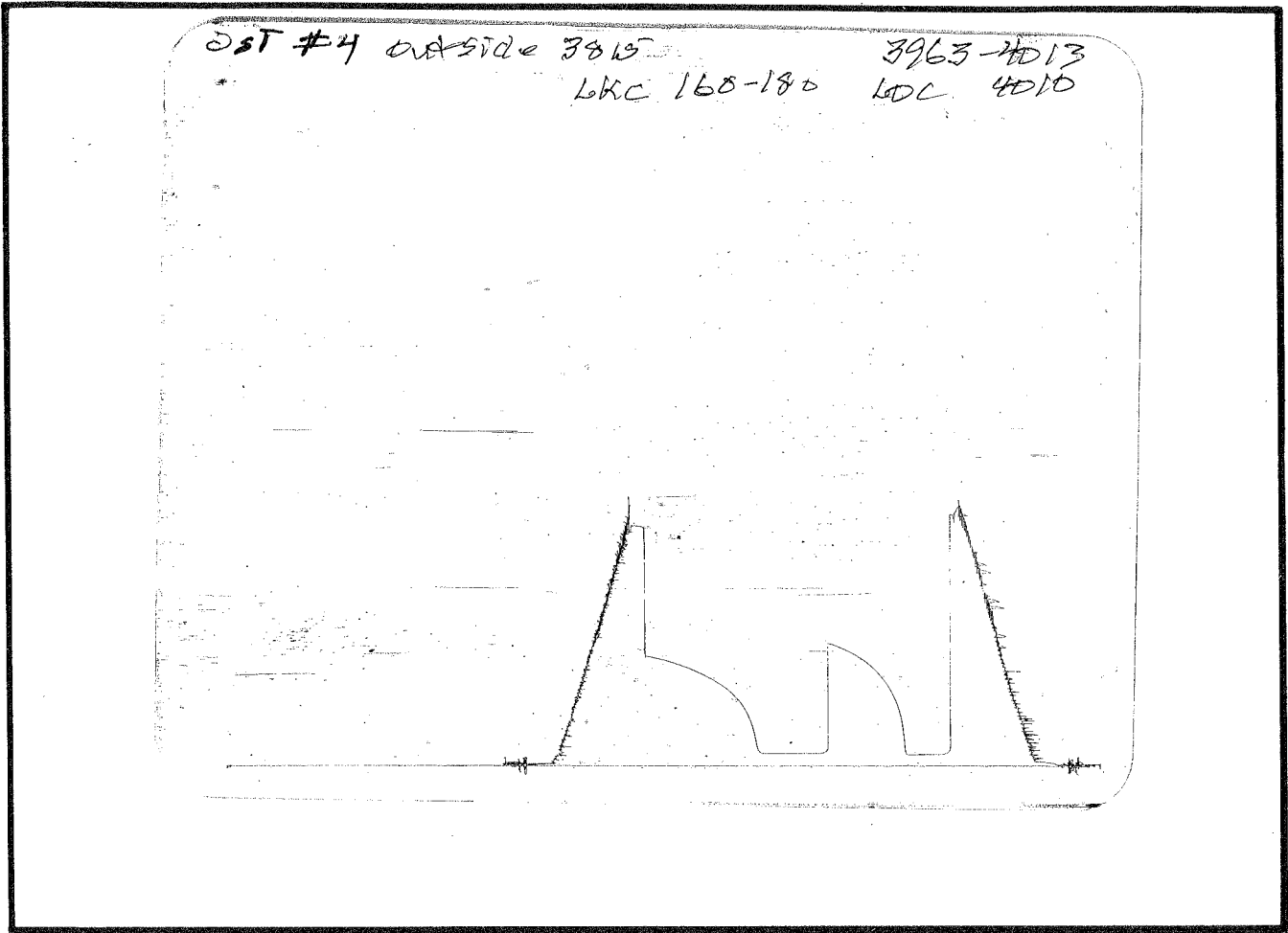
TOOL SAMPLE: 100% DM WITH GOOD OIL SPOTS

ROSE #2 'B'
 Formation: DST #4 LANS 160-180 3,963' - 4,013'

RAYMOND OIL COMPANY, INC.
 DST #4 LANS 160-180 3,963' - 4,013'
 Start Test Date: 2009/11/10
 Final Test Date: 2009/11/10

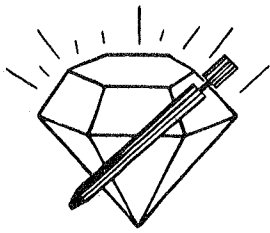
ROSE #2 'B'





This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	1877	1877	PSI
(B) First Initial Flow Pressure	7	7	PSI
(C) First Final Flow Pressure	15	15	PSI
(D) Initial Closed-in Pressure	954	954	PSI
(E) Second Initial Flow Pressure	18	18	PSI
(F) Second Final Flow Pressure	29	29	PSI
(G) Final Closed-in Pressure	850	850	PSI
(H) Final Hydrostatic Mud	1868	1868	PSI



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P.O. Box 157
HOISINGTON, KANSAS 67544
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Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 2
Elevation 2763 KB Formation Lansing 200' - 220' Zone Effective Pay -- Ft. Ticket No. 2615
Date 11-11-09 Sec. 11 Twp. 14S Range 32W County Logan State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 5 Interval Tested from 4,016 ft. to 4,077 ft. Total Depth 4,077 ft.
Packer Depth 4,011 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,016 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,002 ft. Recorder Number 1150 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,074 ft. Recorder Number 3815 Cap. 5,700 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 52 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,989 ft. I.D. 3 1/2 in.
Chlorides 3,400 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 30' perf. w/ 31' drill pipe Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 2 3/4 ins. No blow back during shut-in.
2nd Open: Weak, surface blow increasing to 1 1/2 ins. No blow back during shut-in.

Recovered 45 ft. of oil cut watery mud = .461700 bbls. (Grind out: 4%-oil; 46%-water; 50%-mud)
Recovered ft. of Chlorides: 18,500 Ppm
Recovered ft. of PH: 8.5 RW: .34 @ 66°
Recovered ft. of
Recovered ft. of

Remarks Tool Sample Grind Out: 4%-oil; 26%-water; 70%-mud

Time Set Packer(s)	A.M. RXM.	Time Started Off Bottom	A.M. RXM.	Maximum Temperature
<u>2:50</u>		<u>6:35</u>		<u>111°</u>
Initial Hydrostatic Pressure	(A)	<u>1897</u>	P.S.I.	
Initial Flow Period	Minutes	<u>30</u>	(B) <u>7</u>	P.S.I. to (C) <u>17</u> P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(D) <u>1175</u>	P.S.I.
Final Flow Period	Minutes	<u>45</u>	(E) <u>21</u>	P.S.I. to (F) <u>29</u> P.S.I.
Final Closed In Period	Minutes	<u>90</u>	(G) <u>1155</u>	P.S.I.
Final Hydrostatic Pressure	(H)	<u>1897</u>	P.S.I.	

Diamond Testing

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General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE #2 'B'	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #5 LANS 200'-220' 4,016' - 4,077'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY	Report Date	2009/11/11
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	00:34:00
Formation	DST #5 LANS 200'-220' 4,016' - 4,077'	Final Test Time	08:43:00
Well Fluid Type	01 Oil		
Start Test Date	2009/11/11		
Final Test Date	2009/11/11		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 45' OCWM 4% OIOL, 46% WTR, 50% MUD

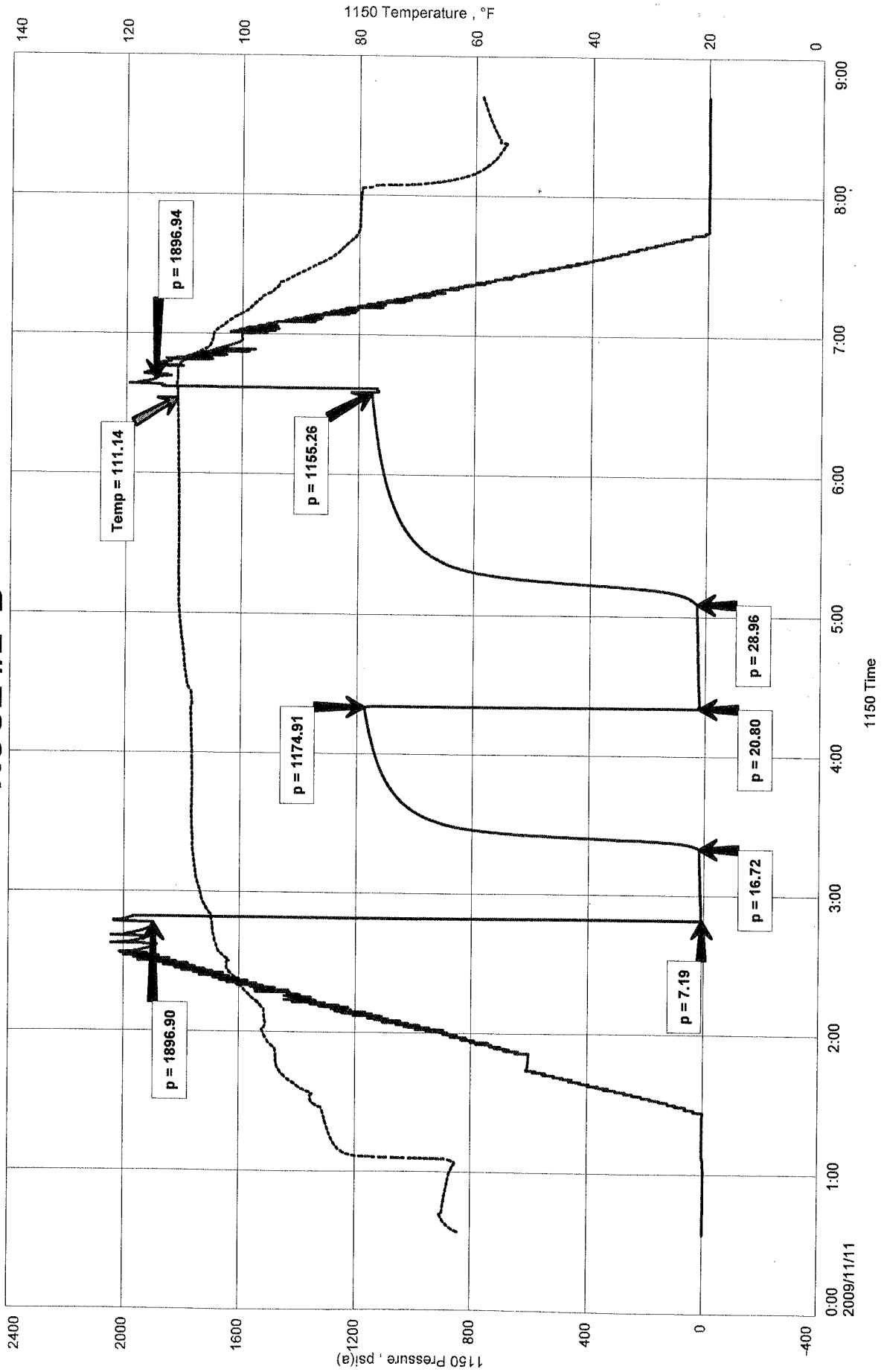
TOOL SAMPLE: 4% OIL, 26% WTR, 70% MUD

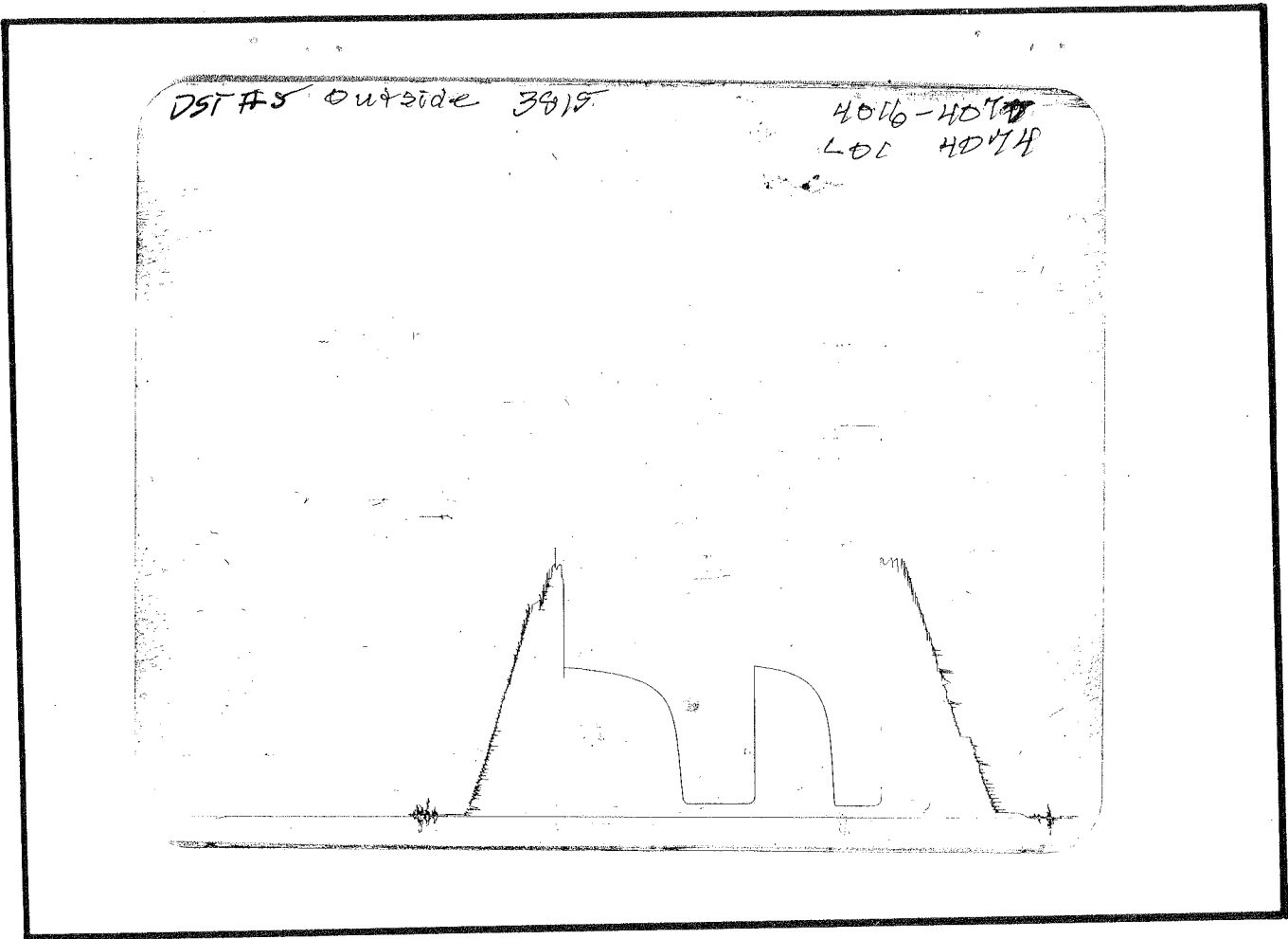
CHLORIDES: 18,500 Ppm
PH: 8.5
RW: .34 @ 66 deg.

RAYMOND OIL COMPANY, INC.
DST #5 LANS 200'-220' 4,016' - 4,077'
Start Test Date: 2009/11/11
Final Test Date: 2009/11/11

ROSE #2 'B'
Formation: DST #5 LANS 200'-220' 4,016' - 4,077'

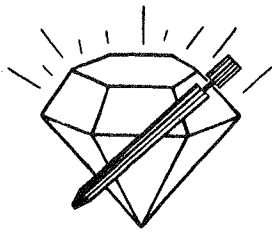
ROSE #2 'B'





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	1897	1897	1897	PSI
(B) First Initial Flow Pressure.....	7	7	7	PSI
(C) First Final Flow Pressure	17	17	17	PSI
(D) Initial Closed-in Pressure	1175	1175	1175	PSI
(E) Second Initial Flow Pressure	21	21	21	PSI
(F) Second Final Flow Pressure.....	29	29	29	PSI
(G) Final Closed-in Pressure.....	1155	1155	1155	PSI
(H) Final Hydrostatic Mud.....	1897	1897	1897	PSI



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 2
Elevation 2763 KB Formation Pawnee/Fort Scott Effective Pay -- Ft. Ticket No. 2616
Date 11-12-09 Sec. 11 Twp. 14S Range 32W County Logan State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly
Formation Test No. 6 Interval Tested from 4,225 ft. to 4,316 ft. Total Depth 4,316 ft.
Packer Depth 4,220 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,225 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,206 ft. Recorder Number 1150 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,313 ft. Recorder Number 3815 Cap. 5,700 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 51 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 4,192 ft. I.D. 3 1/2 in.
Chlorides 3,500 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 3 Anchor Length 28' perf. w/63' drill pipe Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 1 1/2 ins. No blow back during shut-in.
2nd Open: No blow. No blow back during shut-in.

Recovered 20 ft. of drilling mud with oil specks on top = .205200 bbls. (Grind out: 100%-mud)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks Tool Sample Grind Out: 100%-drilling mud

Time Set Packer(s) 1:01 ~~AM~~ P.M. Time Started Off Bottom 4:46 ~~AM~~ P.M. Maximum Temperature 115°
Initial Hydrostatic Pressure (A) 2118 P.S.I.
Initial Flow Period Minutes 30 (B) 11 P.S.I. to (C) 16 P.S.I.
Initial Closed In Period Minutes 60 (D) 1140 P.S.I.
Final Flow Period Minutes 45 (E) 16 P.S.I. to (F) 20 P.S.I.
Final Closed In Period Minutes 90 (G) 1100 P.S.I.
Final Hydrostatic Pressure (H) 2106 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE #2 'B'	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #6 PAW / FT SCOTT 4,255' - 4,316'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY	Report Date	2009/11/12
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	10:36:00
Formation	DST #6 PAW / FT SCOTT 4,255' - 4,316'	Final Test Time	18:17:00
Well Fluid Type	01 Oil		
Start Test Date	2009/11/12		
Final Test Date	2009/11/12		
Gauge Name	1150		
Gauge Serial Number			

Test Results

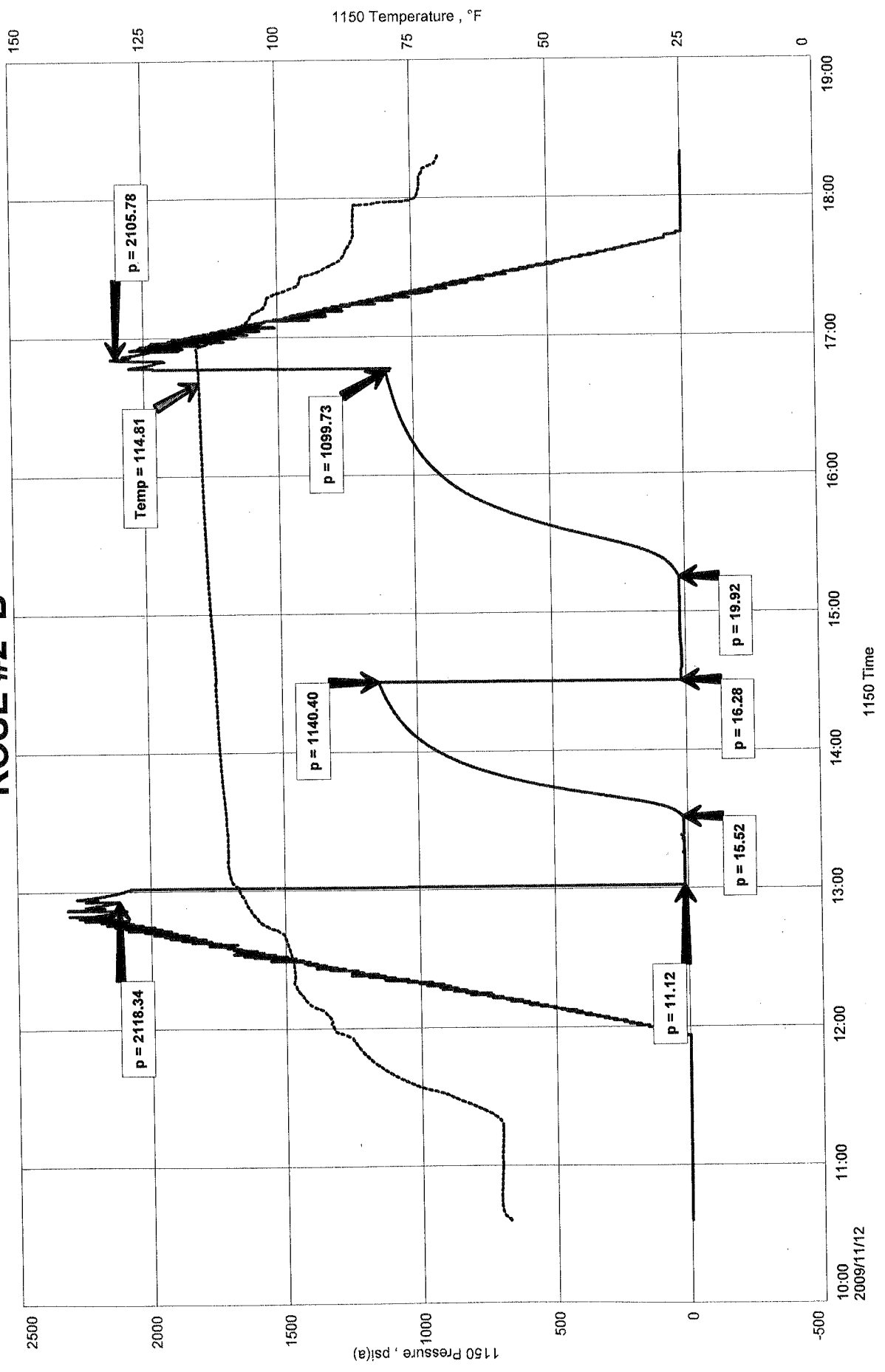
RECOVERED: 20' DM 100% MUD WITH OIL SPECKS ON TOP

TOOL SAMPLE: 100% DM

ROSE #2 'B'
Formation: DST #6 PAW / FT SCOTT 4,255' - 4,316'

RAYMOND OIL COMPANY, INC.
DST #6 PAW / FT SCOTT 4,255' - 4,316'
Start Test Date: 2009/11/12
Final Test Date: 2009/11/12

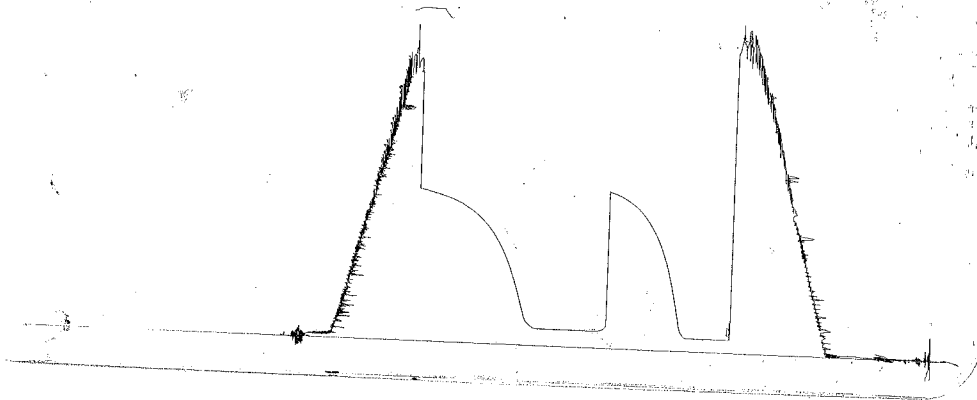
ROSE #2 'B'



DST #6 outside 3825

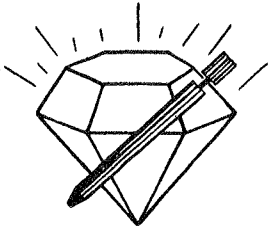
Paul FT Scott

4255-7316
ho c 4313



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	2118	2118	PSI
(B) First Initial Flow Pressure	11	11	PSI
(C) First Final Flow Pressure	16	16	PSI
(D) Initial Closed-in Pressure	1140	1140	PSI
(E) Second Initial Flow Pressure	16	16	PSI
(F) Second Final Flow Pressure	20	20	PSI
(G) Final Closed-in Pressure	1100	1100	PSI
(H) Final Hydrostatic Mud	2106	2106	PSI



DIAMOND TESTING
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Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 2
Elevation 2763 KB Formation Cherokee/Johnson Effective Pay -- Ft. Ticket No. 2617
Date 11-13-09 Sec. 11 Twp. 14S Range 32W County Logan State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 7 Interval Tested from 4,313 ft. to 4,390 ft. Total Depth 4,390 ft.
Packer Depth 4,308 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,313 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,294 ft. Recorder Number 1150 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,387 ft. Recorder Number 3815 Cap. 5,700 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 51 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 4,280 ft. I.D. 3 1/2 in.
Chlorides 3,500 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 3 Anchor Length 46' perf. w/31' drill pipe Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1 in., blow decreasing to a weak, surface blow. No blow back during shut-in.
2nd Open: No blow. No blow back during shut-in.

Recovered 5 ft. of slightly oil cut mud = .051300 bbls. (Grind out: 1%-oil; 99%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 4%-oil; 96%-mud

Time Set Packer(s) 6:25 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 10:10 ~~P.M.~~ ^{A.M.} Maximum Temperature 113°
Initial Hydrostatic Pressure (A) 2097 P.S.I.
Initial Flow Period Minutes 30 (B) 8 P.S.I. to (C) 8 P.S.I.
Initial Closed In Period Minutes 60 (D) 170 P.S.I.
Final Flow Period Minutes 45 (E) 8 P.S.I. to (F) 8 P.S.I.
Final Closed In Period Minutes 90 (G) 79 P.S.I.
Final Hydrostatic Pressure (H) 2094 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE #2 'B'	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #7 CHERO./JOHNSON 4,313' - 4,390'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY	Report Date	2009/11/13
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	04:15:00
Formation	DST #7 CHERO./JOHNSON 4,313' - 4,390'	Final Test Time	12:15:00
Well Fluid Type	01 Oil		
Start Test Date	2009/11/13		
Final Test Date	2009/11/13		
Gauge Name	1150		
Gauge Serial Number			

Test Results

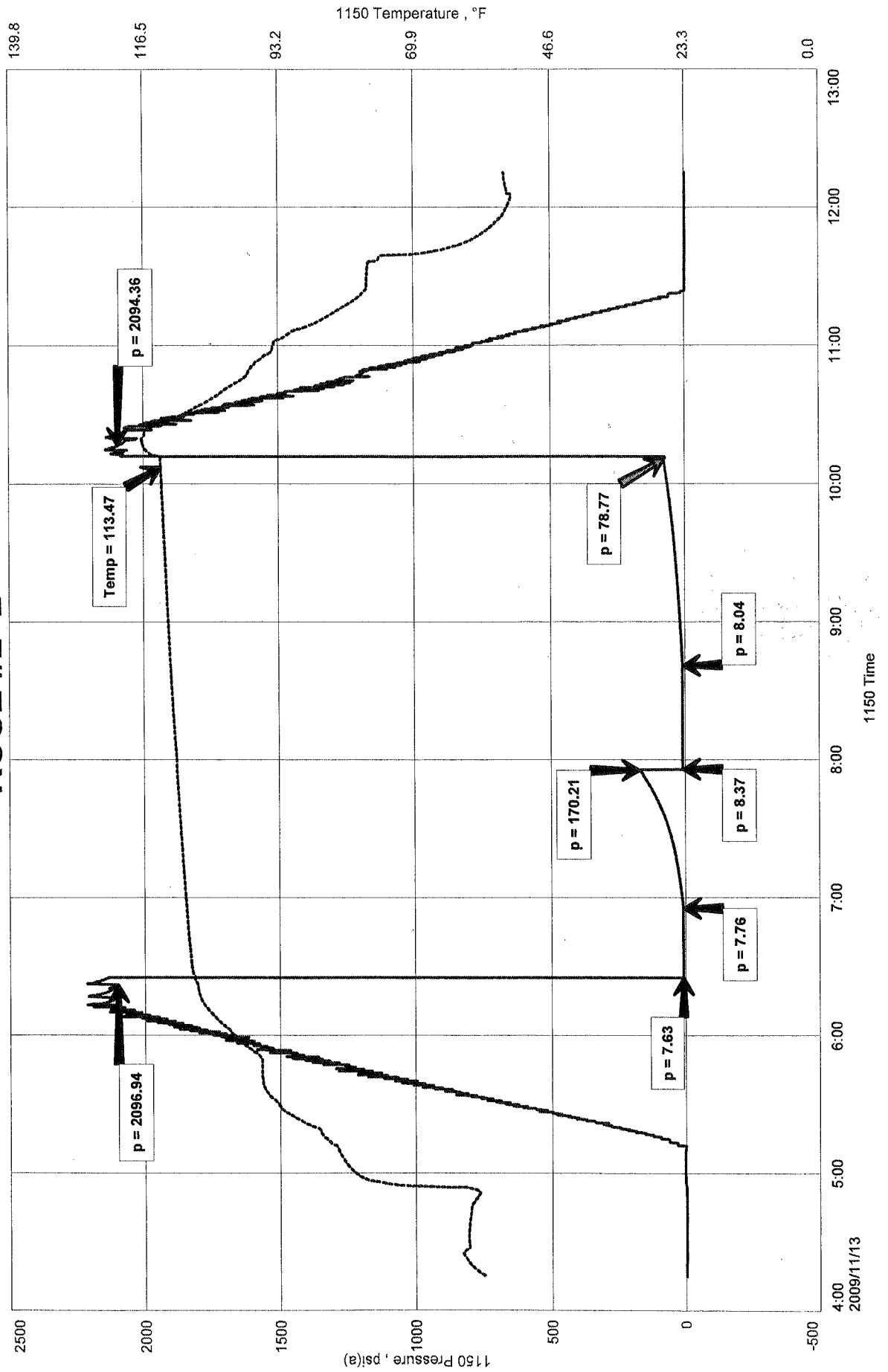
RECOVERED: 5' SLTOCM 1% OIL, 99% MUD

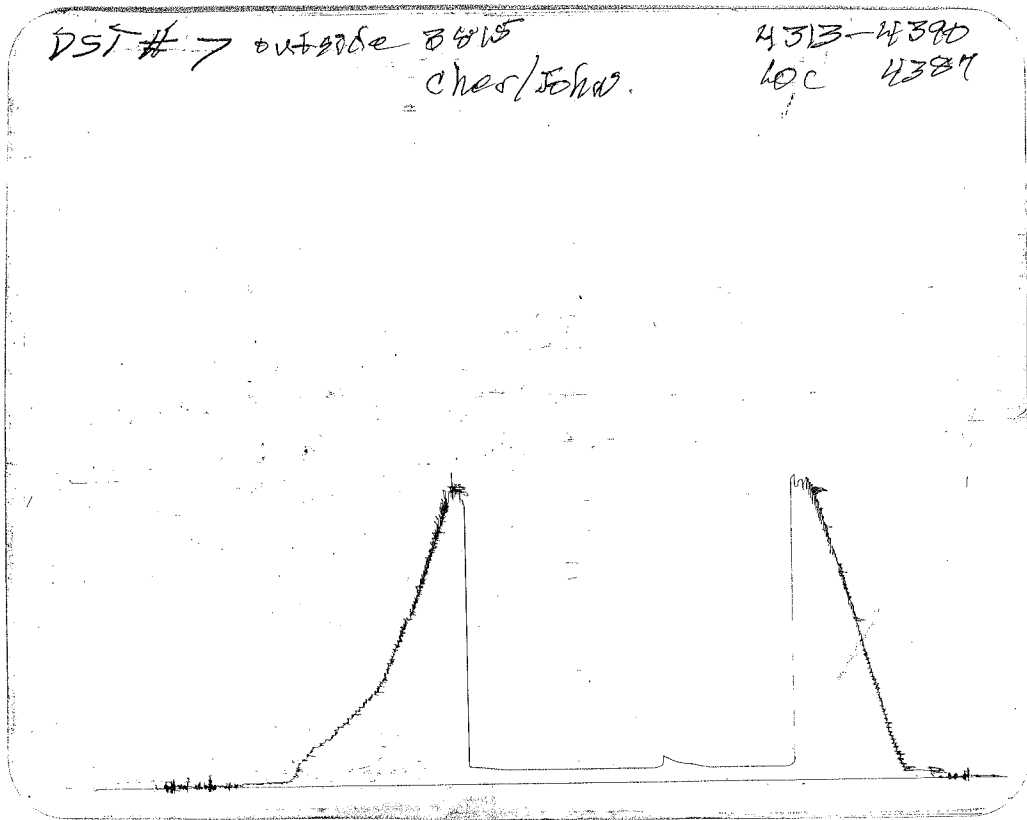
TOOL SAMPLE: 4% OIL, 96% MUD

RAYMOND OIL COMPANY, INC.
DST #7 CHERO./JOHNSON 4,313' - 4,390'
Start Test Date: 2009/11/13
Final Test Date: 2009/11/13

ROSE #2 'B'
Formation: DST #7 CHERO./JOHNSON 4,313' - 4,390'

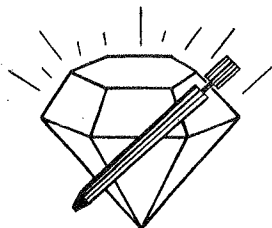
ROSE #2 'B'





This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	2097	2097	PSI
(B) First Initial Flow Pressure	8	8	PSI
(C) First Final Flow Pressure	8	8	PSI
(D) Initial Closed-in Pressure	170	170	PSI
(E) Second Initial Flow Pressure	8	8	PSI
(F) Second Final Flow Pressure	8	8	PSI
(G) Final Closed-in Pressure	79	79	PSI
(H) Final Hydrostatic Mud	2094	2094	PSI



DIAMOND TESTING

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HOISINGTON, KANSAS 67544

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Company Raymond Oil Company, Inc. Lease & Well No. Rose "B" No. 2

Elevation 2763 KB Formation Morrow Sand Effective Pay -- Ft. Ticket No. 2618

Date 11-14-09 Sec. 11 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 8 Interval Tested from 4,386 ft. to 4,455 ft. Total Depth 4,455 ft.

Packer Depth 4,381 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,386 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,367 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,452 ft. Recorder Number 3815 Cap. 5,700 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 46 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 4,353 ft. I.D. 3 1/2 in.

Chlorides 3,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 Anchor Length 38' perf. w/31' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 1/2 in. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 5 ft. of drilling mud = .051300 bbls. (Grind out: 100%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 100%-drilling mud

Time Set Packer(s) 12:15 A.M. Time Started Off Bottom 4:00 P.M. Maximum Temperature 115°

Initial Hydrostatic Pressure (A) 2227 P.S.I.

Initial Flow Period Minutes 30 (B) 8 P.S.I. to (C) 11 P.S.I.

Initial Closed In Period Minutes 60 (D) 131 P.S.I.

Final Flow Period Minutes 45 (E) 11 P.S.I. to (F) 12 P.S.I.

Final Closed In Period Minutes 90 (G) 80 P.S.I.

Final Hydrostatic Pressure (H) 2224 P.S.I.

Diamond Testing

Page 2 of 2 Pages

General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	
Well Name	ROSE #2 'B'	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #8 MORROW SAND 4,386' - 4,455'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 11-14S-32W LOGAN COUNTY	Report Date	2009/11/14
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST #8 MORROW SAND 4,386' - 4,455'		
Well Fluid Type	01 Oil	Start Test Time	21:55:00
		Final Test Time	06:08:00
Start Test Date	2009/11/13		
Final Test Date	2009/11/14		
Gauge Name	1150		
Gauge Serial Number			

Test Results

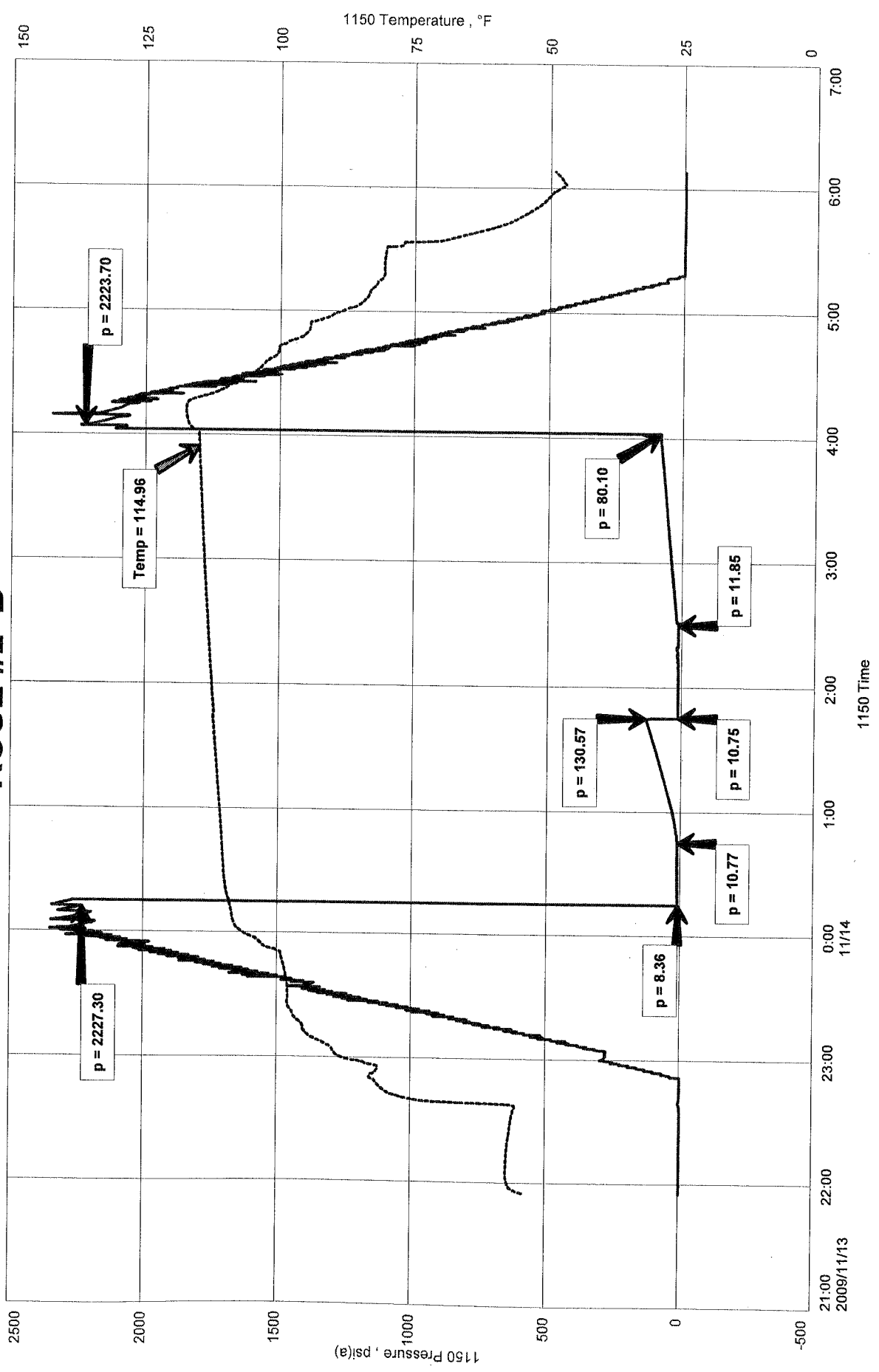
RECOVERED: 5' DM 100% MUD

TOOL SAMPLE: 100% DM

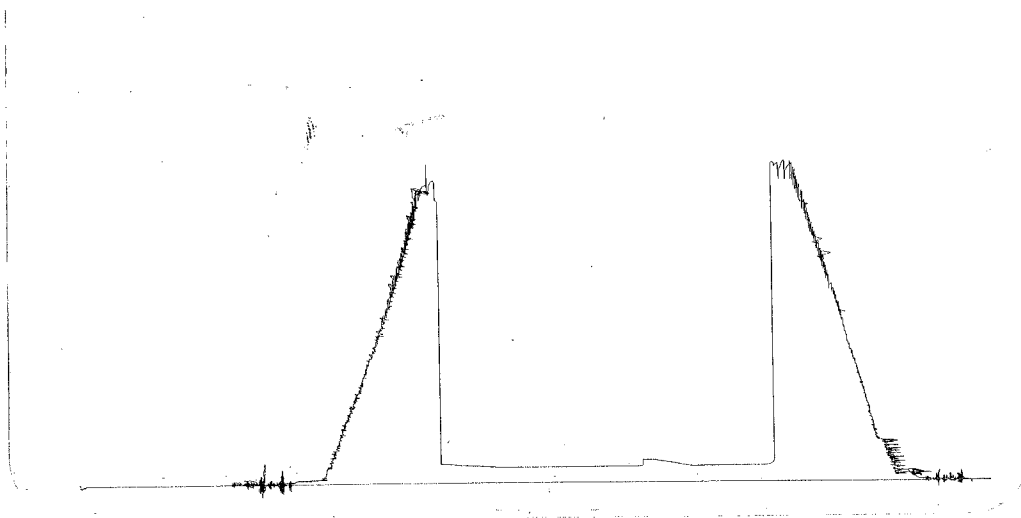
RAYMOND OIL COMPANY, INC.
DST #8 MORROW SAND 4,386' - 4,455'
Start Test Date: 2009/11/13
Final Test Date: 2009/11/14

ROSE #2 'B'
Formation: DST #8 MORROW SAND 4,386' - 4,455'

ROSE #2 'B'



DSI # 8 outside 3815
 Mexico Blvd 4386 ✓ 4455
 LOC 4452



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	2227	2227	PSI
(B) First Initial Flow Pressure	8	8	PSI
(C) First Final Flow Pressure	11	11	PSI
(D) Initial Closed-in Pressure	131	131	PSI
(E) Second Initial Flow Pressure	11	11	PSI
(F) Second Final Flow Pressure	12	12	PSI
(G) Final Closed-in Pressure	80	80	PSI
(H) Final Hydrostatic Mud	2224	2224	PSI