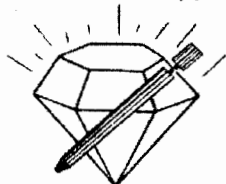


15-109-20996



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MCHLS1DST1

3-14s-32w

TIME ON: 1421
TIME OFF: 2252

Company RAYMOND OIL COMPANY Lease & Well No. MICHAELIS #1
Contractor L.D. DRLG RIG Charge to RAYMOND OIL COMPANY
Elevation 2868 KB Formation LANS 35'-50' Effective Pay _____ Ft. Ticket No. M125
Date 03/26/11 Sec. 3 Twp. 14 S Range 32 W County LOGAN State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3911 ft. to 3954 ft. Total Depth 3954 ft.
Packer Depth 3906 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3911 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3893 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3951 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 54 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,200 P.P.M. Drill Pipe Length 3879 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 43 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BUILT TO 3 1/4" (NO BB)
2nd Open: WSB AFTER 2 1/2 MIN, BUILT TO 3 (NO BB)

Recovered 4 ft. of MCO 77% OIL, 23% MUD GRAVITY: 22.4@60°
Recovered 122 ft. of OCWM 12% OIL, 16% WTR, 72% MUD
Recovered 126 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____ PH: 9.0 Price Job _____
Recovered _____ ft. of _____ CHLOR: 18,000 PPM Other Charges _____
Remarks: _____ RW: .31@ 52 ° Insurance _____
(TOOL SLID 15' TO BTM)
TOOL SAMPLE: 40% OIL, 14% WTR, 46% MUD Total _____

Time Set Packer(s) 4:45 P.M. A.M. _____ P.M. _____ Time Started Off Bottom 8:30 P.M. A.M. _____ P.M. _____ Maximum Temperature 109
Initial Hydrostatic Pressure _____ (A) 1847 P.S.I.
Initial Flow Period _____ Minutes 30 (B) 21 P.S.I. to (C) 39 P.S.I.
Initial Closed In Period _____ Minutes 60 (D) 1174 P.S.I.
Final Flow Period _____ Minutes 45 (E) 41 P.S.I. to (F) 61 P.S.I.
Final Closed In Period _____ Minutes 90 (G) 1153 P.S.I.
Final Hydrostatic Pressure _____ (H) 1838 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M125
Well Name	MICHAELIS #1	Representative	MIKE COCHRAN
Unique Well ID	DST#1 3911-3954 LANS. 35'-50'	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.3-14S-32W LOGAN CO. KS.	Report Date	2011/03/26
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL
Formation	DST#1 3911-3954 LANS. 35'-50'
Test Purpose (AEUB)	Initial Test

Start Test Date	2011/03/26	Start Test Time	14:21:00
Final Test Date	2011/03/26	Final Test Time	22:52:00
		Well Fluid Type	01 Oil

Gauge Name	30044
Gauge Serial Number	

Test Results

Remarks

RECOVERED:

4' MCO 77% OIL, 23% MUD
122' OCWM 12% OIL, 16% WTR, 72% MUD
126' TOTAL FLUID

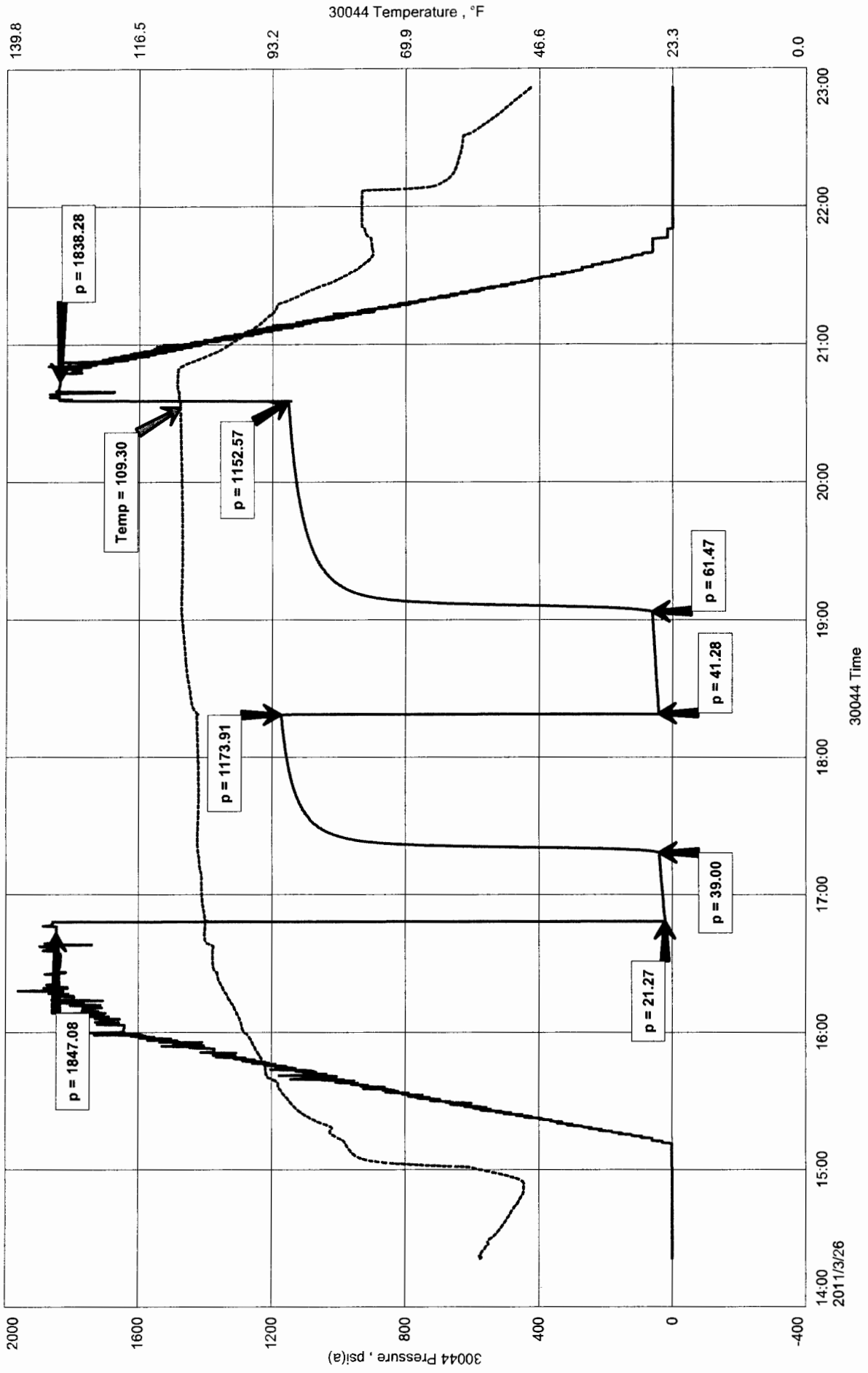
GRAVITY:22.4@ 60 DEG
CHLOR: 18,000 PPM
RW: .31@ 52 DEG
PH: 9.0

TOOL SAMPLE: 40% OIL, 14% WTR, 46% MUD

RAYMOND OIL COMPANY
DST#1 3911-3954 LANS. 35'-50'
Start Test Date: 2011/03/26
Final Test Date: 2011/03/26

MICHAELIS #1
Formation: DST#1 3911-3954 LANS. 35'-50'
Pool: WILDCAT
Job Number: M125

MICHAELIS #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MCHLS1DST2

TIME ON: 1035
TIME OFF: 1848

Company RAYMOND OIL COMPANY Lease & Well No. MICHAELIS #1
Contractor L.D. DRLG RIG Charge to RAYMOND OIL COMPANY
Elevation 2868 KB Formation LANS 70'-90' Effective Pay _____ Ft. Ticket No. M126
Date 03/27/11 Sec. 3 Twp. 14 S Range 32 W County LOGAN State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3961 ft. to 3995 ft. Total Depth 3995 ft.
Packer Depth 3956 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3961 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3943 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3992 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,500 P.P.M. Drill Pipe Length 3929 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 34 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BUILT TO 7 1/4" (NO BB)
2nd Open: WSB, BUILT TO 5" (NO BB)

Recovered 5 ft. of CO 100% OIL GRAVITY: 32@60 DEG
Recovered 272 ft. of MW 92% WTR, 8% MUD
Recovered 277 ft. of TOTAL FLUID

Recovered _____ ft. of _____	PH: <u>8.5</u>	Price Job
Recovered _____ ft. of _____	CHLOR: <u>38,000 PPM</u>	Other Charges
Remarks: _____	RW: <u>.26 @ 75°</u>	Insurance

TOOL SAMPLE: _____ Total

Time Set Packer(s) 1:00 P.M. A.M. P.M. Time Started Off Bottom 4:45 P.M. A.M. P.M. Maximum Temperature 117
Initial Hydrostatic Pressure..... (A) 1880 P.S.I.
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 63 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1092 P.S.I.
Final Flow Period..... Minutes 45 (E) 66 P.S.I. to (F) 130 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1034 P.S.I.
Final Hydrostatic Pressure..... (H) 1867 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M126
Well Name	MICHAELIS #1	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3961-3995 LANS. 70' & 90'	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.3-14S-32W LOGAN CO. KS.	Report Date	2011/03/27
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL
Formation	DST#2 3961-3995 LANS. 70' & 90'
Test Purpose (AEUB)	Initial Test

Start Test Date	2011/03/27	Start Test Time	10:35:00
Final Test Date	2011/03/27	Final Test Time	18:48:00
		Well Fluid Type	01 Oil

Gauge Name	30044
Gauge Serial Number	

Test Results

Remarks

RECOVERED:
5' CO 100% OIL
272' MW 92% WTR, 8% MUD

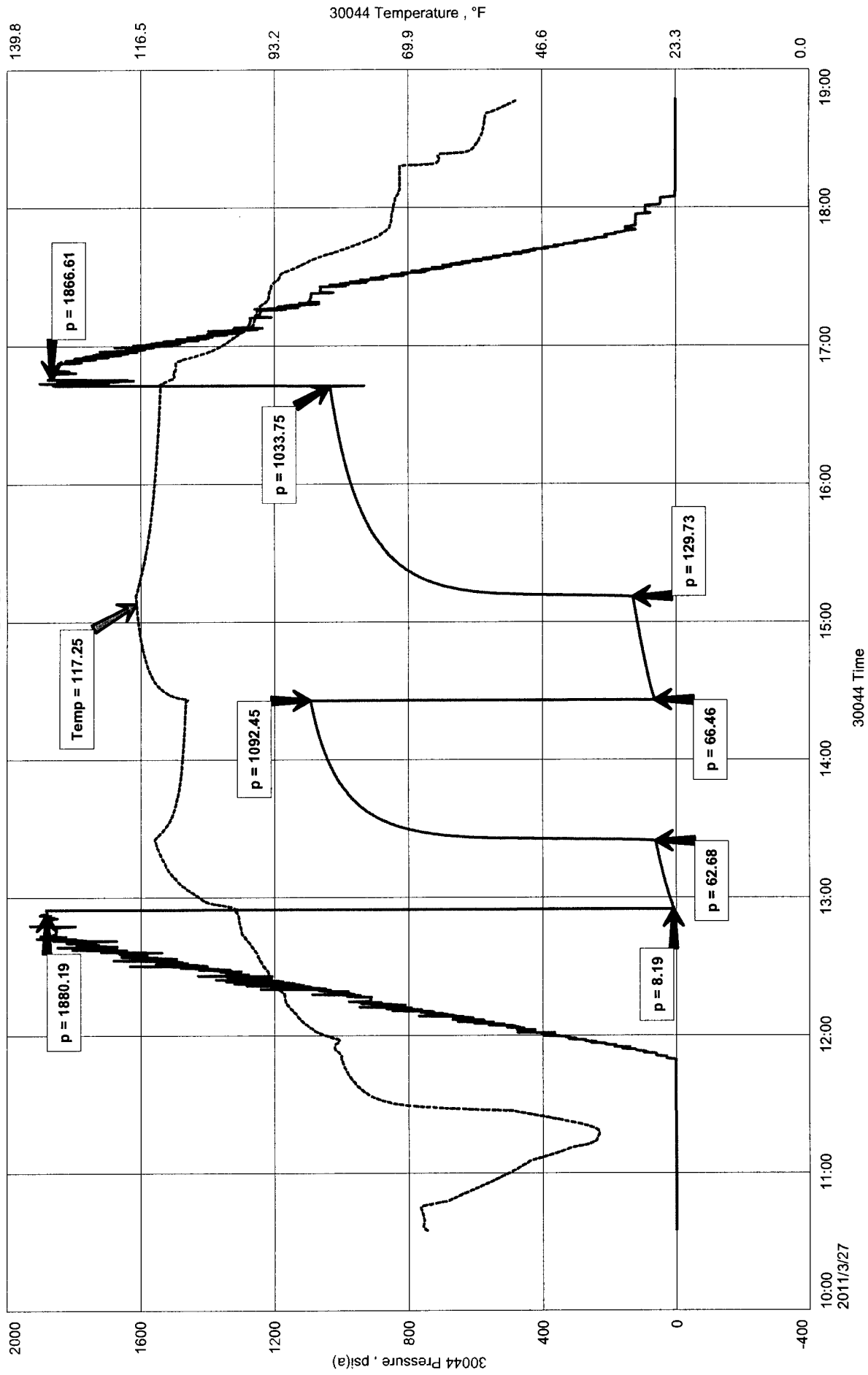
GRAVITY: 32@60 DEG
CHLOR: 38,000 PPM
RW: .26@75 DEG.
PH: 8.5

TOOL SAMPLE: 1% OIL, 99% WTR

RAYMOND OIL COMPANY
 DST#2 3961-3995 LANS. 70' & 90'
 Start Test Date: 2011/03/27
 Final Test Date: 2011/03/27

MICHAELIS #1
 Formation: DST#2 3961-3995 LANS. 70' & 90'
 Pool: WILDCAT
 Job Number: M126

MICHAELIS #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MCHLS1DST3

TIME ON: 1127
TIME OFF: 2012

Company RAYMOND OIL COMPANY Lease & Well No. MICHAELIS #1
Contractor L.D. DRLG RIG Charge to RAYMOND OIL COMPANY
Elevation 2868 KB Formation LKC "I" Effective Pay 5' (14%) Ft. Ticket No. M127
Date 03/28/11 Sec. 3 Twp. 14 S Range 32 W County LOGAN State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 4070 ft. to 4100 ft. Total Depth 4100 ft.
Packer Depth 4065 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4070 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4052 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4097 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I.
Mud Type CHEMICAL Viscosity 47 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 4038 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 30 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BOB 6 MIN (3 1/2" BB 40 MIN)
2nd Open: WSB, BOB 7 1/2 MIN (10 1/4" BB 60 MIN)

Recovered 1565 ft. of G.I.P.
Recovered 215 ft. of CO 100% OIL GRAVITY: 39@60°
Recovered 315 ft. of MCO 74% OIL, 26% MUD
Recovered 530 ft. of TOTAL FLUID

Recovered <u> </u> ft. of <u> </u>	Price Job
Recovered <u> </u> ft. of <u> </u>	Other Charges
Remarks: <u> </u>	Insurance

TOOL SAMPLE: 60% OIL, 40% MUD Total

Time Set Packer(s) 1:30 P.M. A.M. P.M. Time Started Off Bottom 5:15 P.M. A.M. P.M. Maximum Temperature 120
Initial Hydrostatic Pressure..... (A) 1928 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 91 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1232 P.S.I.
Final Flow Period..... Minutes 45 (E) 97 P.S.I. to (F) 201 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1227 P.S.I.
Final Hydrostatic Pressure..... (H) 1918 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M127
Well Name	MICHAELIS #1	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4070-4100 LKC "I"	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.3-14S-32W LOGAN CO. KS.	Report Date	2011/03/28
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL
Formation	DST#3 4070-4100 LKC "I"
Test Purpose (AEUB)	Initial Test

Start Test Date	2011/03/28	Start Test Time	11:27:00
Final Test Date	2011/03/28	Final Test Time	20:12:00
		Well Fluid Type	01 Oil

Gauge Name	30044
Gauge Serial Number	

Test Results

Remarks

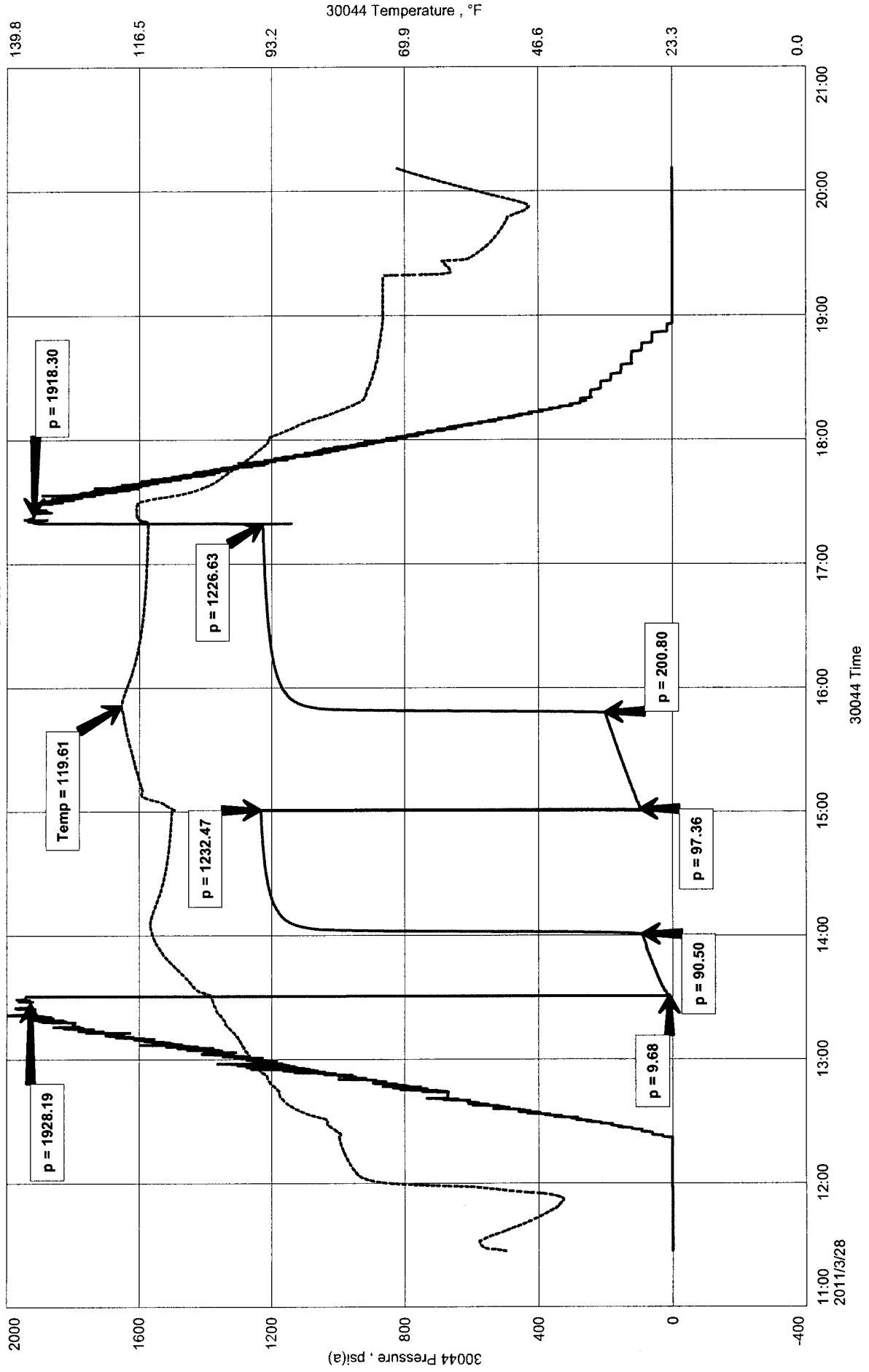
RECOVERED:
1565' G.I.P.
215' CO 100% OIL
315' MCO 74% OIL, 26% MUD
530' TOTAL FLUID

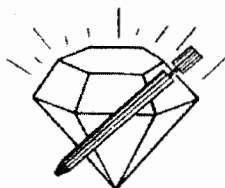
TOOL SAMPLE: 60%OIL, 40% MUD

RAYMOND OIL COMPANY
DST#3 4070-4100 LKC "I"
Start Test Date: 2011/03/28
Final Test Date: 2011/03/28

MICHAELIS #1
Formation: DST#3 4070-4100 LKC "I"
Pool: WILDCAT
Job Number: M127

MICHAELIS #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MCHLS1DST4

TIME ON: 0215
TIME OFF: 1155

Company RAYMOND OIL COMPANY Lease & Well No. MICHAELIS #1
Contractor L.D. DRLG RIG Charge to RAYMOND OIL COMPANY
Elevation 2868 KB Formation LKC "J" Effective Pay 5' (13%+) Ft. Ticket No. M128
Date 03/29/11 Sec. 3 Twp. 14 S Range 32 W County LOGAN State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4092 ft. to 4119 ft. Total Depth 4119 ft.
Packer Depth 4087 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4092 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4074 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4116 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I.
Mud Type CHEMICAL Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 7.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,900 P.P.M. Drill Pipe Length 4060 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 27 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GSB, BOB 2 MIN (BOB BB 11 MIN.)
2nd Open: GSB, BOB 4 MIN (BOB BB 14 MIN.)

Recovered <u>2325</u> ft. of <u>G.I.P.</u>	
Recovered <u>339</u> ft. of <u>GO 1% GAS, 99% OIL</u>	GRAVITY: 38.6@60 DEG
Recovered <u>564</u> ft. of <u>GHOCM 2% GAS, 42% OIL, 56% MUD</u>	
Recovered <u>202</u> ft. of <u>GHOCM 4% GAS, 40% OIL, 56% MUD</u>	
Recovered <u>126</u> ft. of <u>GHOCM 11% GAS, 38% OIL, 51% MUD</u>	Price Job
Recovered <u>1231</u> ft. of <u>TOTAL FLUID</u>	Other Charges

Remarks: Insurance
TOOL SAMPLE: 22% OIL, 78% MUD Total

Time Set Packer(s) 4:15 P.M. A.M. P.M. Time Started Off Bottom 8:00 A.M. A.M. P.M. Maximum Temperature 122
Initial Hydrostatic Pressure..... (A) 1935 P.S.I.
Initial Flow Period..... Minutes 30 (B) 44 P.S.I. to (C) 231 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1233 P.S.I.
Final Flow Period..... Minutes 45 (E) 241 P.S.I. to (F) 451 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1234 P.S.I.
Final Hydrostatic Pressure..... (H) 1925 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M128
Well Name	MICHAELIS #1	Representative	MIKE COCHRAN
Unique Well ID	DST#4 4092-4119 LKC "J"	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.3-14S-32W LOGAN CO. KS.	Report Date	2011/03/29
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 4092-4119 LKC "J"		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/03/29	Start Test Time	02:15:00
Final Test Date	2011/03/29	Final Test Time	11:55:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:

2325' G.I.P.
339' GO 1% GAS, 99% OIL
564' GHOCM 2% GAS, 42% OIL, 56% MUD
202' GHOCM 4% GAS, 40% OIL, 56% MUD
126' GHOCM 11% GAS, 38% OIL, 51% MUD
1231' TOTAL FLUID

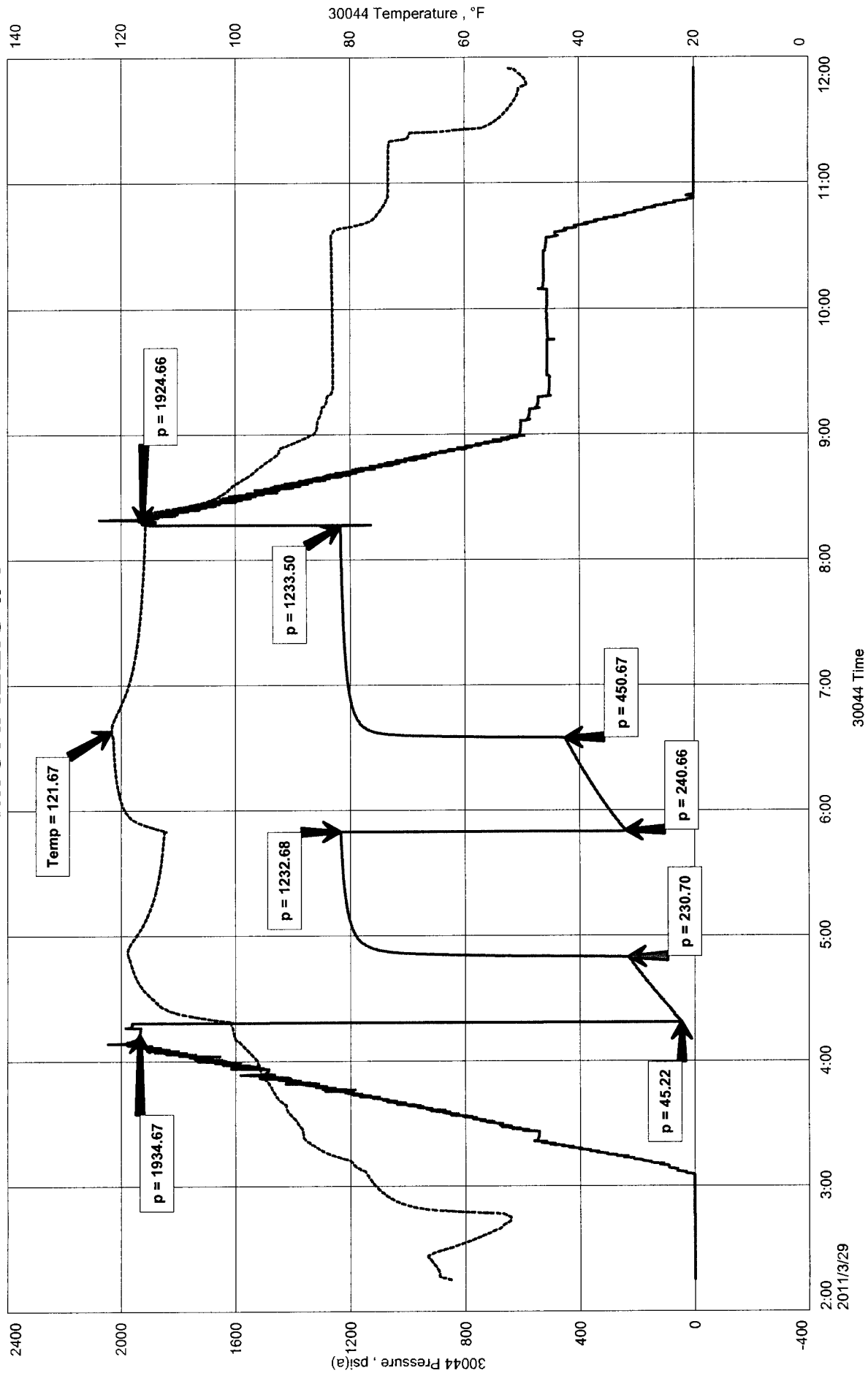
GRAVITY: 38.6@60 DEG

TOOL SAMPLE: 22% OIL, 78% MUD

RAYMOND OIL COMPANY
DST#4 4092-4119 LKC "J"
Start Test Date: 2011/03/29
Final Test Date: 2011/03/29

MICHAELIS #1
Formation: DST#4 4092-4119 LKC "J"
Pool: WILDCAT
Job Number: M128

MICHAELIS #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MCHLS1DST5

TIME ON: 2238 (3/29)
TIME OFF: 1147 (3/30)

Company RAYMOND OIL COMPANY Lease & Well No. MICHAELIS #1
Contractor L.D. DRLG RIG 1 Charge to RAYMOND OIL COMPANY
Elevation 2868 KB Formation LKC "K" Effective Pay _____ Ft. Ticket No. M129
Date 03/29/11 Sec. 3 Twp. 14 S Range 32 W County LOGAN State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 5 Interval Tested from 4125 ft. to 4143 ft. Total Depth 4143 ft.
Packer Depth 4120 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4125 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4107 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4140 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 7.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,900 P.P.M. Drill Pipe Length 4093 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 18 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GSB, BOB 1 MIN (BOB BB 16 MIN)
2nd Open: GSB, BOB 2 MIN (BOB BB 20 MIN)

Recovered <u>1575</u> ft. of <u>G.I.P.</u>	
Recovered <u>504</u> ft. of <u>CO 100% OIL</u>	GRAVITY: 38.2@60 DEG
Recovered <u>1353</u> ft. of <u>GMW 2% GAS, 88% WTR, 10% MUD</u>	
Recovered <u>126</u> ft. of <u>GMW 2% GAS, 74% WTR, 24% MUD</u>	
Recovered <u>1983</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of <u>CHLOR: 40,000PPM</u>	Other Charges
Remarks: <u>RW: .18 @ 68 °</u>	Insurance
<u>PH: 8.0</u>	
TOOL SAMPLE: <u>GAS & OIL</u>	Total

Time Set Packer(s) 1:00 A.M. A.M. P.M. Time Started Off Bottom 4:45 A.M. A.M. P.M. Maximum Temperature 123
Initial Hydrostatic Pressure..... (A) 1943 P.S.I.
Initial Flow Period..... Minutes 30 (B) 108 P.S.I. to (C) 489 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1160 P.S.I.
Final Flow Period..... Minutes 45 (E) 515 P.S.I. to (F) 823 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1176 P.S.I.
Final Hydrostatic Pressure..... (H) 1925 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M129
Well Name	MICHAELIS #1	Representative	MIKE COCHRAN
Unique Well ID	DST#5 4092-4119 LKC 200"K"	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.3-14S-32W LOGAN CO. KS.	Report Date	2011/03/30
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#5 4092-4119 LKC 200"K"		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/03/29	Start Test Time	22:38:00
Final Test Date	2011/03/30	Final Test Time	11:47:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
1575' G.I.P. (GAS DID BURN)
504' CO 100% OIL
1353' GMW 2% GAS, 88% WTR, 10% MUD
126' GMW 2% GAS, 74% WTR, 24% MUD
1983' TOTAL FLUID

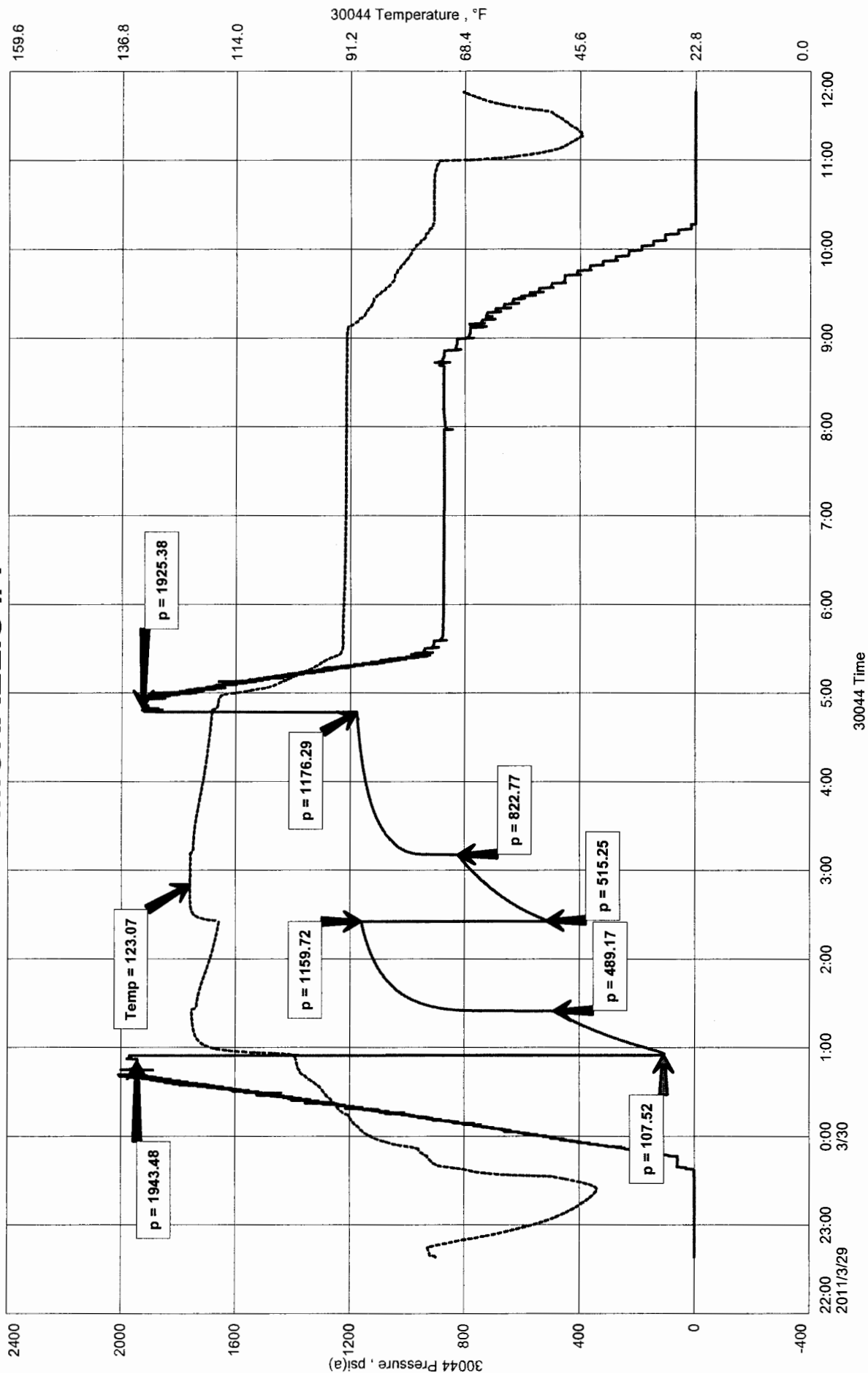
PH: 8.0
CHLOR: 40,000 PPM
RW: 18@68 DEG
GRAVITY: 38.2@60DEG

TOOL SAMPLE: GAS & OIL

RAYMOND OIL COMPANY
 DST#5 4092-4119 LKC 200"K"
 Start Test Date: 2011/03/29
 Final Test Date: 2011/03/30

MICHAELIS #1
 Formation: DST#5 4092-4119 LKC 200"K"
 Pool: WILDCAT
 Job Number: M129

MICHAELIS #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MCHLS1DST6

TIME ON: 2029 (3/30)
TIME OFF: 0354 (3/31)

Company RAYMOND OIL COMPANY Lease & Well No. MICHAELIS #1
Contractor L.D. DRLG RIG 1 Charge to RAYMOND OIL COMPANY
Elevation 2868 KB Formation LKC 220' "L" Effective Pay _____ Ft. Ticket No. M130
Date 03/30/11 Sec. 3 Twp. 14 S Range 32 W County LOGAN State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 6 Interval Tested from 4162 ft. to 4175 ft. Total Depth 4175 ft.
Packer Depth 4157 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4162 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4143 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4172 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 7.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,900 P.P.M. Drill Pipe Length 4130 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 13 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: VWSB, BUILT TO 1" (NO BB)
2nd Open: NO BLOW (NO BB)

Recovered 10 ft. of DM
Recovered 10 ft. of TOTALFLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____
TOOL SAMPLE: DM W/ SOME OIL SPOTS

Time Set Packer(s) 10:15 P.M. A.M. P.M. Time Started Off Bottom 2:00 A.M. A.M. P.M. Maximum Temperature 112
Initial Hydrostatic Pressure..... (A) 1968 P.S.I.
Initial Flow Period..... Minutes 30 (B) 4 P.S.I. to (C) 6 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1265 P.S.I.
Final Flow Period..... Minutes 45 (E) 6 P.S.I. to (F) 10 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1261 P.S.I.
Final Hydrostatic Pressure..... (H) 1964 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M130
Well Name	MICHAELIS #1	Representative	MIKE COCHRAN
Unique Well ID	DST#6 4162-4175 LKC 220"L"	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.3-14S-32W LOGAN CO. KS.	Report Date	2011/03/31
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL
Formation	DST#6 4162-4175 LKC 220"L"
Test Purpose (AEUB)	Initial Test

Start Test Date	2011/03/30	Start Test Time	20:29:00
Final Test Date	2011/03/31	Final Test Time	03:54:00
		Well Fluid Type	01 Oil

Gauge Name	30044
Gauge Serial Number	

Test Results

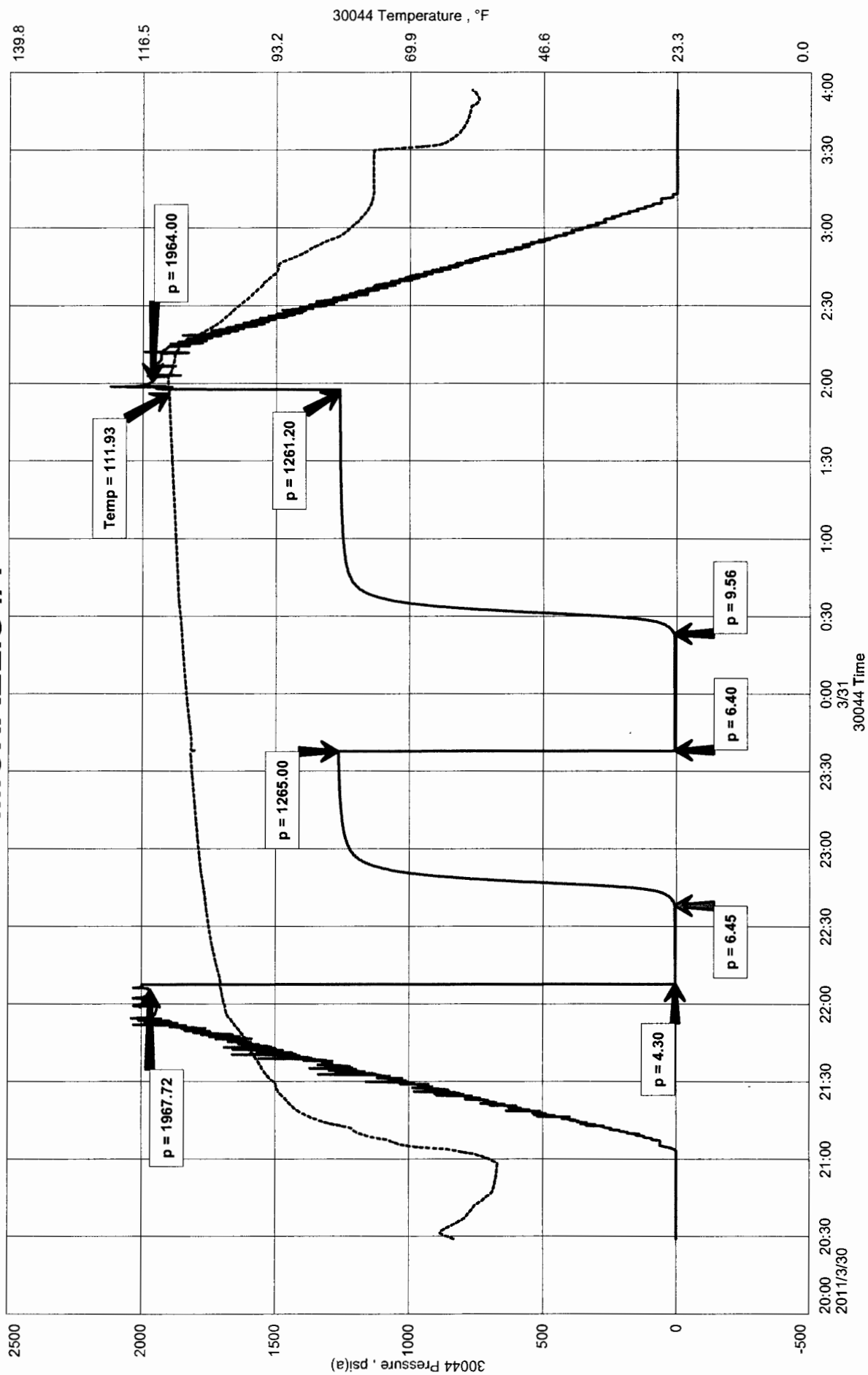
Remarks

RECOVERED:
10' DM
10' TOTAL FLUID

TOOL SAMPLE: DM W/ SOME OIL SPOTS

MICHAELIS #1
Formation: DST#6 4162-4175 LKC 220"L"
Pool: WILDCAT
Job Number: M130

MICHAELIS #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MCHLS1DST7

TIME ON: 0611
TIME OFF: 1508

Company RAYMOND OIL COMPANY Lease & Well No. MICHAELIS #1
Contractor L.D. DRLG RIG 1 Charge to RAYMOND OIL COMPANY
Elevation 2868 KB Formation PAWNEE/MYRK Effective Pay _____ Ft. Ticket No. M131
Date 04/01/2011 Sec. 3 Twp. 14 S Range 32 W County LOGAN State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 7 Interval Tested from 4315 ft. to 4382 ft. Total Depth 4382 ft.

Packer Depth 4310 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4315 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4297 ft. Recorder Number 30044 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4379 ft. Recorder Number 13386 Cap. 3,875 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 48 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4,000 P.P.M. Drill Pipe Length 4283 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 67 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (32' D.P.) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BUILT BOB IN 26 MIN. (NO BB)

2nd Open: GSB, INC. TO BOB IN 12 1/2 MIN. (NO BB)

Recovered 552 ft. of G.I.P.

Recovered 141 ft. of GHOCM 2% GAS, 39% OIL, 45% MUD

Recovered 141 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 52% OIL, 48% MUD

Time Set Packer(s) 8:30 A.M. A.M. P.M. Time Started Off Bottom 12:15 P.M. A.M. P.M. Maximum Temperature 115

Initial Hydrostatic Pressure..... (A) 2070 P.S.I.

Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 37 P.S.I.

Initial Closed In Period..... Minutes 60 (D) 1168 P.S.I.

Final Flow Period..... Minutes 45 (E) 41 P.S.I. to (F) 70 P.S.I.

Final Closed In Period..... Minutes 90 (G) 1165 P.S.I.

Final Hydrostatic Pressure..... (H) 2062 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M131
Well Name	MICHAELIS #1	Representative	MIKE COCHRAN
Unique Well ID	DST#7 4315-4382 PAWNEE/MYRK	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.3-14S-32W LOGAN CO. KS.	Report Date	2011/04/01
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL
Formation	DST#7 4315-4382 PAWNEE/MYRK
Test Purpose (AEUB)	Initial Test

Start Test Date	2011/04/01	Start Test Time	06:11:00
Final Test Date	2011/04/01	Final Test Time	15:08:00
		Well Fluid Type	01 Oil

Gauge Name	30044
Gauge Serial Number	

Test Results

Remarks

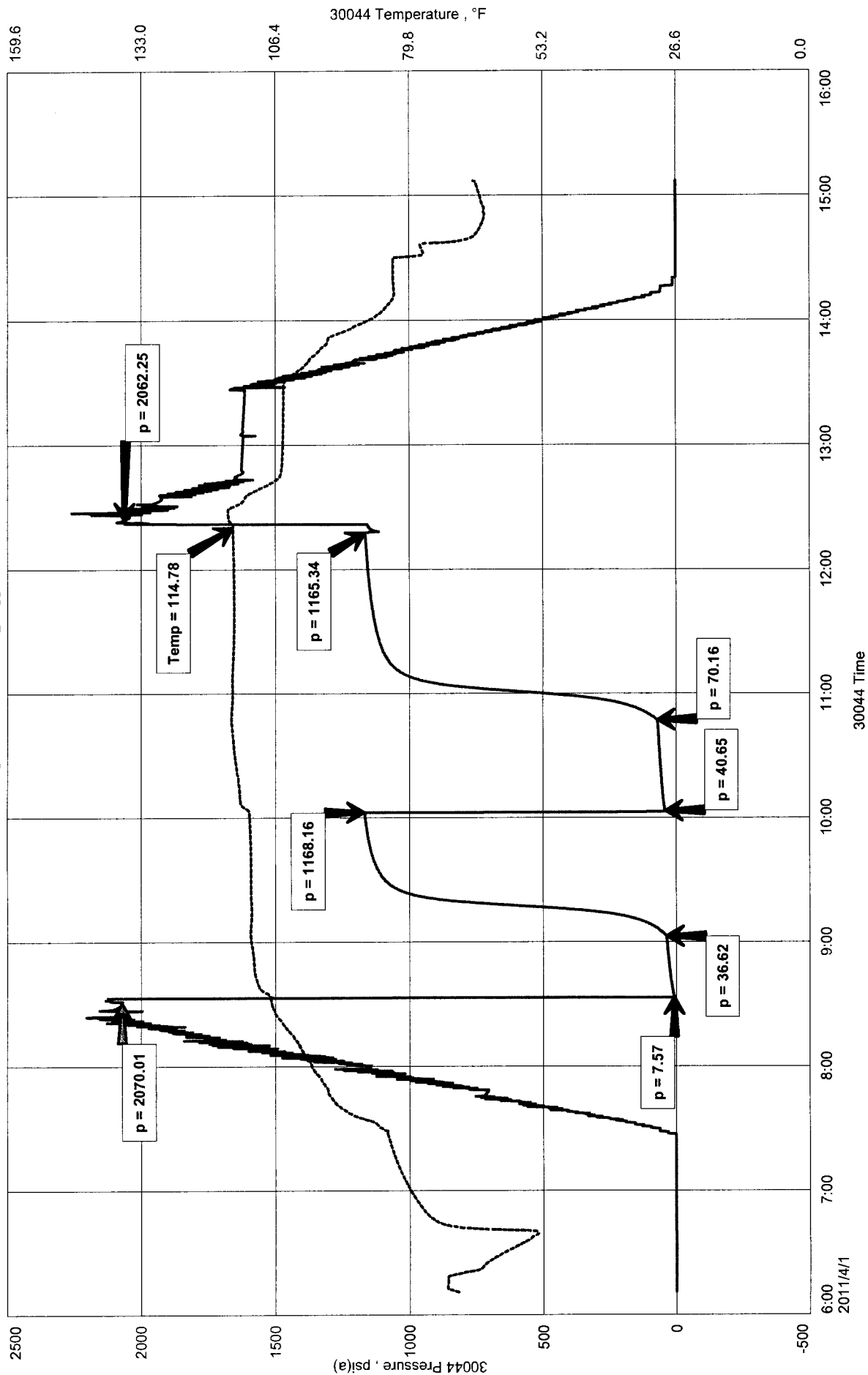
RECOVERED:
552' G.I.P.
141' GHOCM
141' TOTAL FLUID

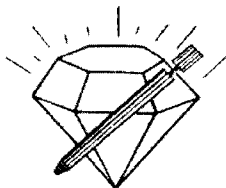
TOOL SAMPLE: 52% OIL, 48% MUD

RAYMOND OIL COMPANY
 DST#7 4315-4382 PAWNEE/MYRK
 Start Test Date: 2011/04/01
 Final Test Date: 2011/04/01

MICHAELIS #1
 Formation: DST#7 4315-4382 PAWNEE/MYRK
 Pool: WILDCAT
 Job Number: M131

MICHAELIS #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MCHLS1DST8

TIME ON: 0300

TIME OFF: 1037

Company RAYMOND OIL COMPANY Lease & Well No. MICHAELIS #1
Contractor L.D. DRLG RIG 1 Charge to RAYMOND OIL COMPANY
Elevation 2868 KB Formation CHEROKEE Effective Pay _____ Ft. Ticket No. M132
Date 04/02/2011 Sec. 3 Twp. 14 S Range 32 W County LOGAN State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 8 Interval Tested from 4414 ft. to 4437 ft. Total Depth 4437 ft.
Packer Depth 4409 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4414 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4396 ft. Recorder Number 30044 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4434 ft. Recorder Number 13386 Cap. 3,875 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 3,800 P.P.M. Drill Pipe Length 4382 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 23 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: VWSB, INC. TO 1/2" 4 MIN, THEN AFTER 10 MIN DIMINISHED TO & MAINTAINED A VWSB (NO BB)

2nd Open: NO BLOW (NO BB)

Recovered 5 ft. of OSDM 5% OIL, 95% MUD

Recovered 5 ft. of TOTALFLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Price Job

Other Charges

Insurance

TOOL SAMPLE: 5% OIL, 95% DM, W/ A NICE SLICK OF OIL ON TOP OF TOOL

Total

Time Set Packer(s) 5:00 A.M. P.M. Time Started Off Bottom 8:45 A.M. P.M. Maximum Temperature 117

Initial Hydrostatic Pressure..... (A) 2123 P.S.I.

Initial Flow Period..... Minutes 30 (B) 5 P.S.I. to (C) 6 P.S.I.

Initial Closed In Period..... Minutes 60 (D) 113 P.S.I.

Final Flow Period..... Minutes 45 (E) 7 P.S.I. to (F) 9 P.S.I.

Final Closed In Period..... Minutes 90 (G) 50 P.S.I.

Final Hydrostatic Pressure..... (H) 2110 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M131
Well Name	MICHAELIS #1	Representative	MIKE COCHRAN
Unique Well ID	DST#8 4414-4437 CHEROKEE	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.3-14S-32W LOGAN CO. KS.	Report Date	2011/04/02
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL
Formation	DST#8 4414-4437 CHEROKEE
Test Purpose (AEUB)	Initial Test

Start Test Date	2011/04/02	Start Test Time	03:00:00
Final Test Date	2011/04/02	Final Test Time	10:37:00
		Well Fluid Type	01 Oil

Gauge Name	30044
Gauge Serial Number	

Test Results

Remarks

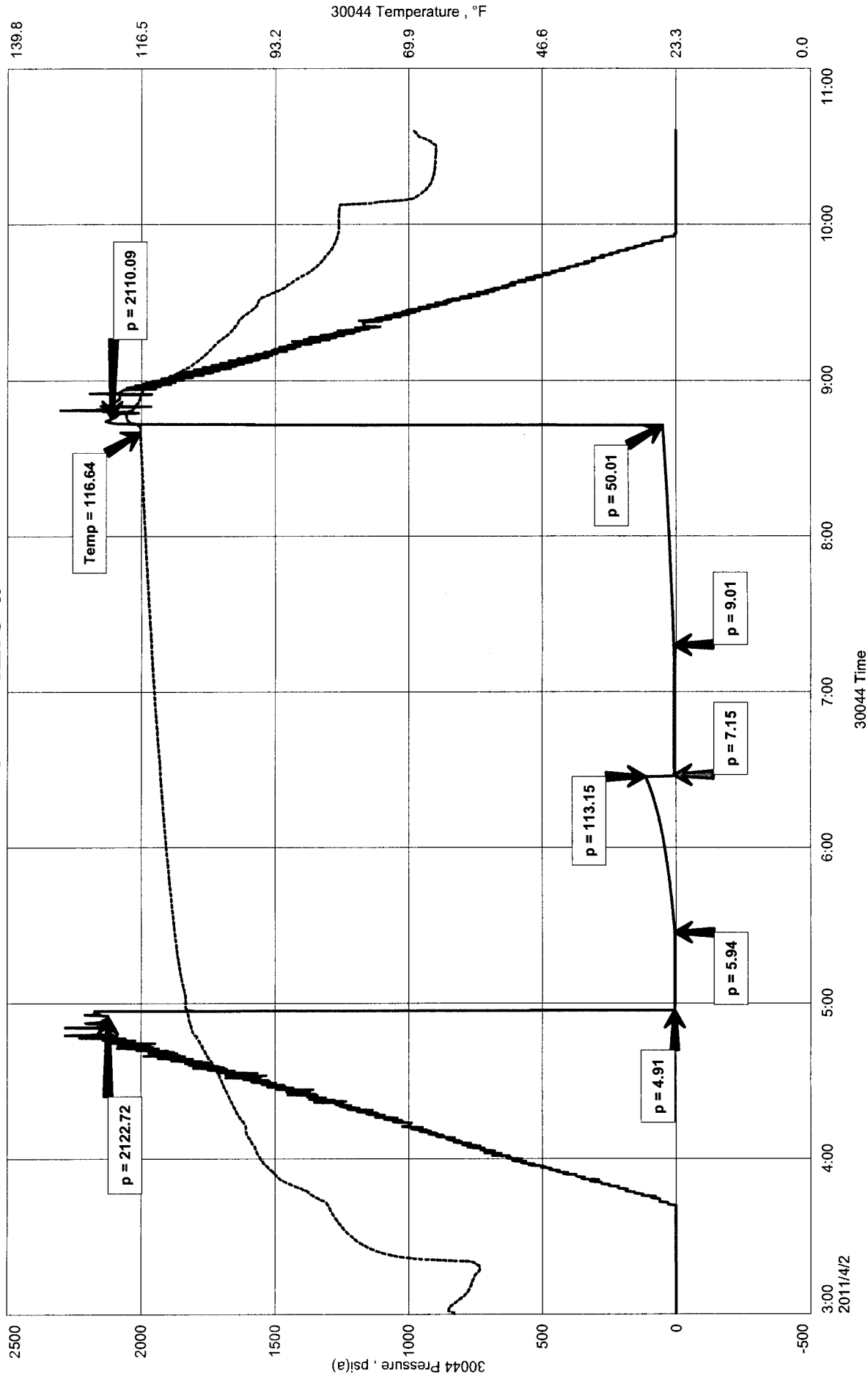
RECOVERED:
5' OSM 5% OIL, 95% MUD
5' TOTAL FLUID

TOOL SAMPLE: 5% OIL, 95% DM, W/ A NICE SLICK OF OIL ON TOP OF TOOL

RAYMOND OIL COMPANY
 DST#8 4414-4437 CHEROKEE
 Start Test Date: 2011/04/02
 Final Test Date: 2011/04/02

MICHAELIS #1
 Formation: DST#8 4414-4437 CHEROKEE
 Pool: WILDCAT
 Job Number: M131

MICHAELIS #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MCHLS1DST9

TIME ON: 2016 (04/02)
TIME OFF: 0408 (04/03)

Company RAYMOND OIL COMPANY Lease & Well No. MICHAELIS #1
Contractor L.D. DRLG RIG 1 Charge to RAYMOND OIL COMPANY
Elevation 2868 KB Formation JOHNSON Effective Pay _____ Ft. Ticket No. M133
Date 04/02/2011 Sec. 3 Twp. 14 S Range 32 W County LOGAN State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 9 Interval Tested from 4437 ft. to 4492 ft. Total Depth 4492 ft.
Packer Depth 4432 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4437 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4419 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4489 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,800 P.P.M. Drill Pipe Length 4405 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 55 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (32' D.P.) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GSB, BOB 12 MIN (WEAK 1/2" BB)
2nd Open: GSB, BOB 10 1/2 MIN (BB 4" AFTER 40 MIN)

Recovered <u>1024</u> ft. of <u>G.I.P.</u>	
Recovered <u>30</u> ft. of <u>CO 100% OIL</u>	GRAVITY: 29.8@60°
Recovered <u>53</u> ft. of <u>MCO 73% OIL, 27% MUD</u>	
Recovered <u>63</u> ft. of <u>GMCO 14% GAS, 51% OIL, 35% MUD</u>	
Recovered <u>63</u> ft. of <u>MCO 77% OIL, 23% MUD</u>	Price Job
Recovered <u>209</u> ft. of <u>TOTAL FLUID</u>	Other Charges

Remarks: _____	Insurance
TOOL SAMPLE: <u>GAS</u>	Total

Time Set Packer(s) 10:15 P.M. A.M. P.M. Time Started Off Bottom 2:00 A.M. A.M. P.M. Maximum Temperature 120
Initial Hydrostatic Pressure..... (A) 2130 P.S.I.
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 42 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1264 P.S.I.
Final Flow Period..... Minutes 45 (E) 50 P.S.I. to (F) 86 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1248 P.S.I.
Final Hydrostatic Pressure..... (H) 2122 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M133
Well Name	MICHAELIS #1	Representative	MIKE COCHRAN
Unique Well ID	DST#9 4437-4492 JOHNSON	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.3-14S-32W LOGAN CO. KS.	Report Date	2011/04/03
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#9 4437-4492 JOHNSON		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/04/02	Start Test Time	20:16:00
Final Test Date	2011/04/03	Final Test Time	04:08:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:

1024 G.I.P.
30' CO 100% OIL
53' MCO 73% OIL, 27% MUD
63' GMCO 14% GAS, 51% OIL, 35% MUD
63' MCO 77% OIL, 23% MUD
209' TOTAL FLUID

GRAVITY: 29.8@60 DEG

TOOL SAMPLE: GAS

RAYMOND OIL COMPANY
DST#9 4437-4492 JOHNSON
Start Test Date: 2011/04/02
Final Test Date: 2011/04/03

MICHAELIS #1
Formation: DST#9 4437-4492 JOHNSON
Pool: WILDCAT
Job Number: M133

MICHAELIS #1

