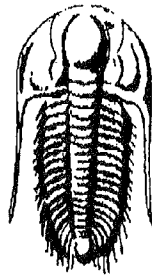


2-14s-32w

WMD



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co.**

Po Box 48785
Wichita Ks 67202

15-109-20852-0000

ATTN: Kim Shoemaker

2 14S 32W Logan KS

Rose #1 A

Start Date: 2009.08.02 @ 06:20:17

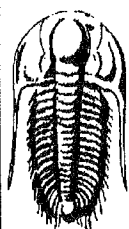
End Date: 2009.08.02 @ 11:23:02

Job Ticket #: 34036 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Raymond Oil Co.

Po Box 48785
Wichita Ks 67202

ATTN: Kim Shoemaker

Rose #1 A

2 14S 32W Logan KS

Job Ticket: 34036

DST#: 1

Test Start: 2009.08.02 @ 06:20:17

GENERAL INFORMATION:

Formation: **Lansing 'B'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:02:17

Time Test Ended: 11:23:02

Test Type: Conventional Bottom Hole

Tester: Mike Slomp

Unit No: 28

Interval: **3905.00 ft (KB) To 3927.00 ft (KB) (TVD)**

Total Depth: 3927.00 ft (KB) (TVD)

Hole Diameter: 8.58 inches Hole Condition: Fair

Reference Elevations: 2848.00 ft (KB)

2843.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8321

Inside

Press@RunDepth: 2048.64 psig @ 3907.00 ft (KB)

Start Date: 2009.08.02

End Date:

2009.08.02

Start Time: 06:20:18

End Time:

11:23:02

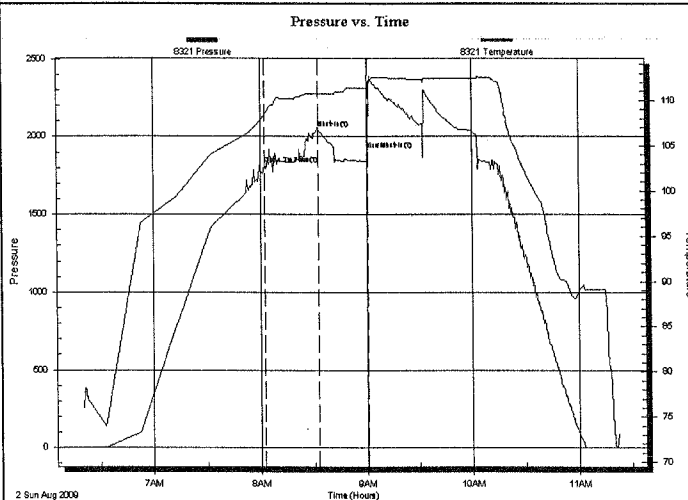
Capacity: 7000.00 psig

Last Calib.: 2009.08.02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF- No blow
IS- No blow back
Misrun hydraulic failed to open



PRESSURE SUMMARY

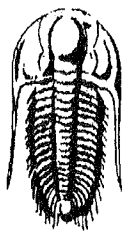
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1820.61	108.43	Open To Flow (1)
30	2048.64	110.78	Shut-In (1)
59	1912.84	111.39	End Shut-In (1)

Recovery

Length (ft)	Description	Volume (bbl)
0.00		0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co.

Rose #1 A

Po Box 48785
Wichita Ks 67202

2 14S 32W Logan KS

Job Ticket: 34036

DST#: 1

ATTN: Kim Shoemaker

Test Start: 2009.08.02 @ 06:20:17

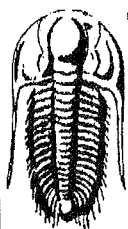
Tool Information

Drill Pipe:	Length: 3889.00 ft	Diameter: 3.80 inches	Volume: 54.55 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			Total Volume: 54.55 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3905.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	22.00 ft				
Tool Length:	44.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3884.00	
Shut In Tool	5.00			3889.00	
Hydraulic tool	5.00			3894.00	
Safety Joint	2.00			3896.00	
Packer	5.00		Fluid	3901.00	22.00 Bottom Of Top Packer
Packer	4.00			3905.00	
Stubb	1.00			3906.00	
Perforations	1.00			3907.00	
Recorder	0.00	6752	Inside	3907.00	
Recorder	0.00	8321	Inside	3907.00	
Perforations	17.00			3924.00	
Bullnose	3.00			3927.00	22.00 Bottom Packers & Anchor

Total Tool Length: 44.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co.

Rose #1 A

Po Box 48785
Wichita Ks 67202

2 14S 32W Logan KS

Job Ticket: 34036

DST#: 1

ATTN: Kim Shoemaker

Test Start: 2009.08.02 @ 06:20:17

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00		0.000

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

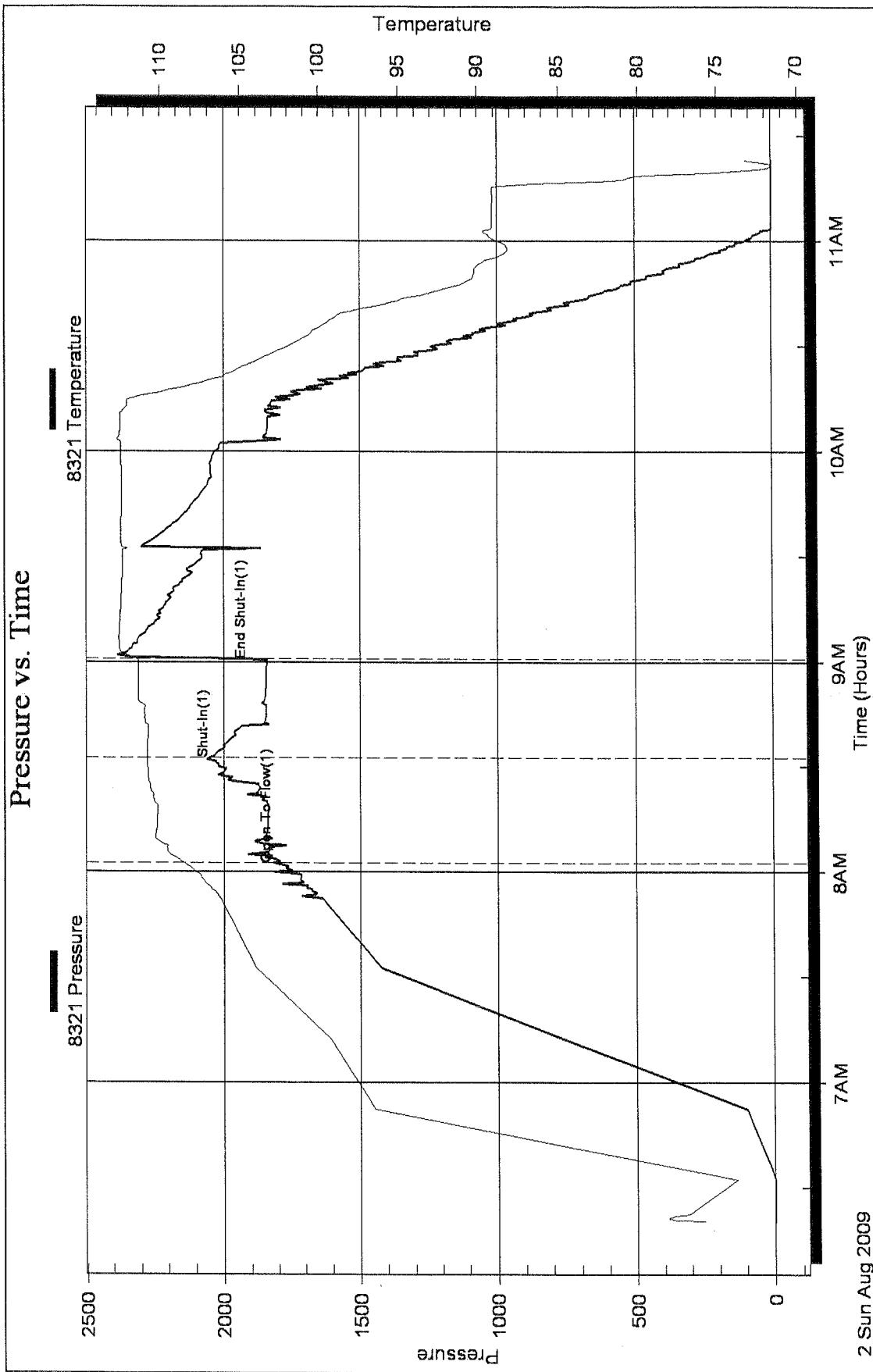
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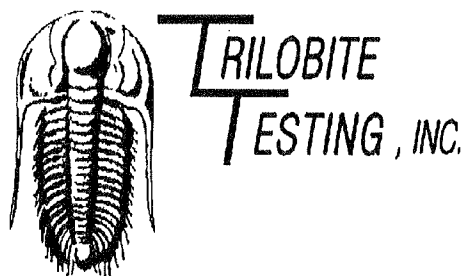
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Raymond Oil Co.**

Po Box 48785
Wichita Ks 67202

ATTN: Kim Shoemaker

2 14S 32W Logan KS

Rose #1 A

Start Date: 2009.08.02 @ 11:12:28

End Date: 2009.08.02 @ 17:46:28

Job Ticket #: 34037 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Raymond Oil Co.

Po Box 48785
Wichita Ks 67202

ATTN: Kim Shoemaker

Rose #1 A

2 14S 32W Logan KS

Job Ticket: 34037

DST#: 2

Test Start: 2009.08.02 @ 11:12:28

GENERAL INFORMATION:

Formation: Lansing 'B'

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:34:58

Time Test Ended: 17:46:28

Test Type: Conventional Bottom Hole

Tester: Mike Slemp

Unit No: 28

Interval: 3905.00 ft (KB) To 3927.00 ft (KB) (TVD)

Total Depth: 3927.00 ft (KB) (TVD)

Hole Diameter: 8.58 inchesHole Condition: Fair

Reference Elevations: 2848.00 ft (KB)

2843.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8321 **Inside**

Press@RunDepth: psig @ 3907.00 ft (KB)

Start Date: 2009.08.02

End Date:

2009.08.02

Start Time: 11:16:30

End Time:

17:45:44

Capacity: 7000.00 psig

Last Calib.: 2009.08.02

Time On Btm:

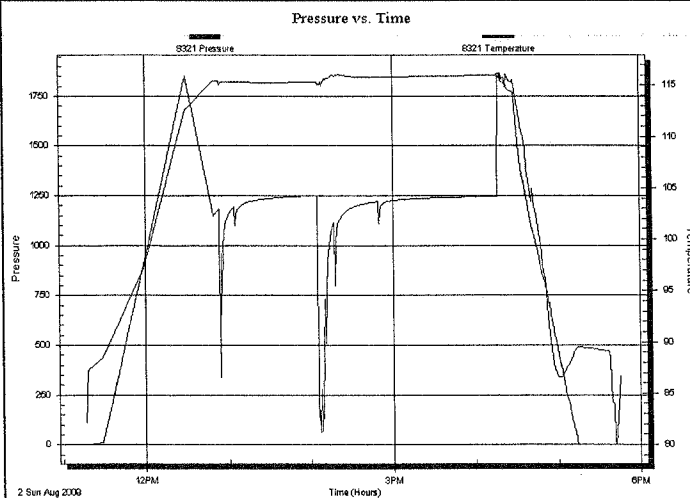
Time Off Btm:

TEST COMMENT: IF-Weak Surface blow ,Died after 3 min

ISI-No blow back

FF-No blow

FSI-No blow back



PRESSURE SUMMARY

[illegible]

Recovery

Length (ft)	Description	Volume (bbl)
38.00	100%mud	0.53

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raymond Oil Co.

Rose #1 A

Po Box 48785
Wichita Ks 67202

2 14S 32W Logan KS

Job Ticket: 34037

DST#: 2

ATTN: Kim Shoemaker

Test Start: 2009.08.02 @ 11:12:28

Tool Information

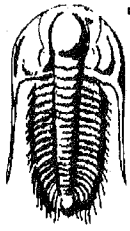
Drill Pipe:	Length:	3905.00 ft	Diameter:	3.80 inches	Volume:	54.78 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	54.78 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft						String Weight: Initial	50000.00 lb
Depth to Top Packer:	3905.00 ft						Final	50000.00 lb
Depth to Bottom Packer:	ft							
Interval between Packers:	22.00 ft							
Tool Length:	44.00 ft							
Number of Packers:	2	Diameter:	6.75 inches					
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------	------------	----------	------------	----------------

Change Over Sub	1.00		3884.00	
Shut In Tool	5.00		3889.00	
Hydraulic tool	5.00		3894.00	
Safety Joint	2.00		3896.00	
Packer	5.00	Fluid	3901.00	22.00 Bottom Of Top Packer
Packer	4.00		3905.00	
Stubb	1.00		3906.00	
Perforations	1.00		3907.00	
Recorder	0.00	6752 Inside	3907.00	
Recorder	0.00	8321 Inside	3907.00	
Perforations	17.00		3924.00	
Bullnose	3.00		3927.00	22.00 Bottom Packers & Anchor

Total Tool Length: 44.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Raymond Oil Co.

Rose #1 A

Po Box 48785
Wichita Ks 67202

2 14S 32W Logan KS

Job Ticket: 34037

DST#: 2

ATTN: Kim Shoemaker

Test Start: 2009.08.02 @ 11:12:28

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
38.00	100% mud	0.533

Total Length: 38.00 ft

Total Volume: 0.533 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

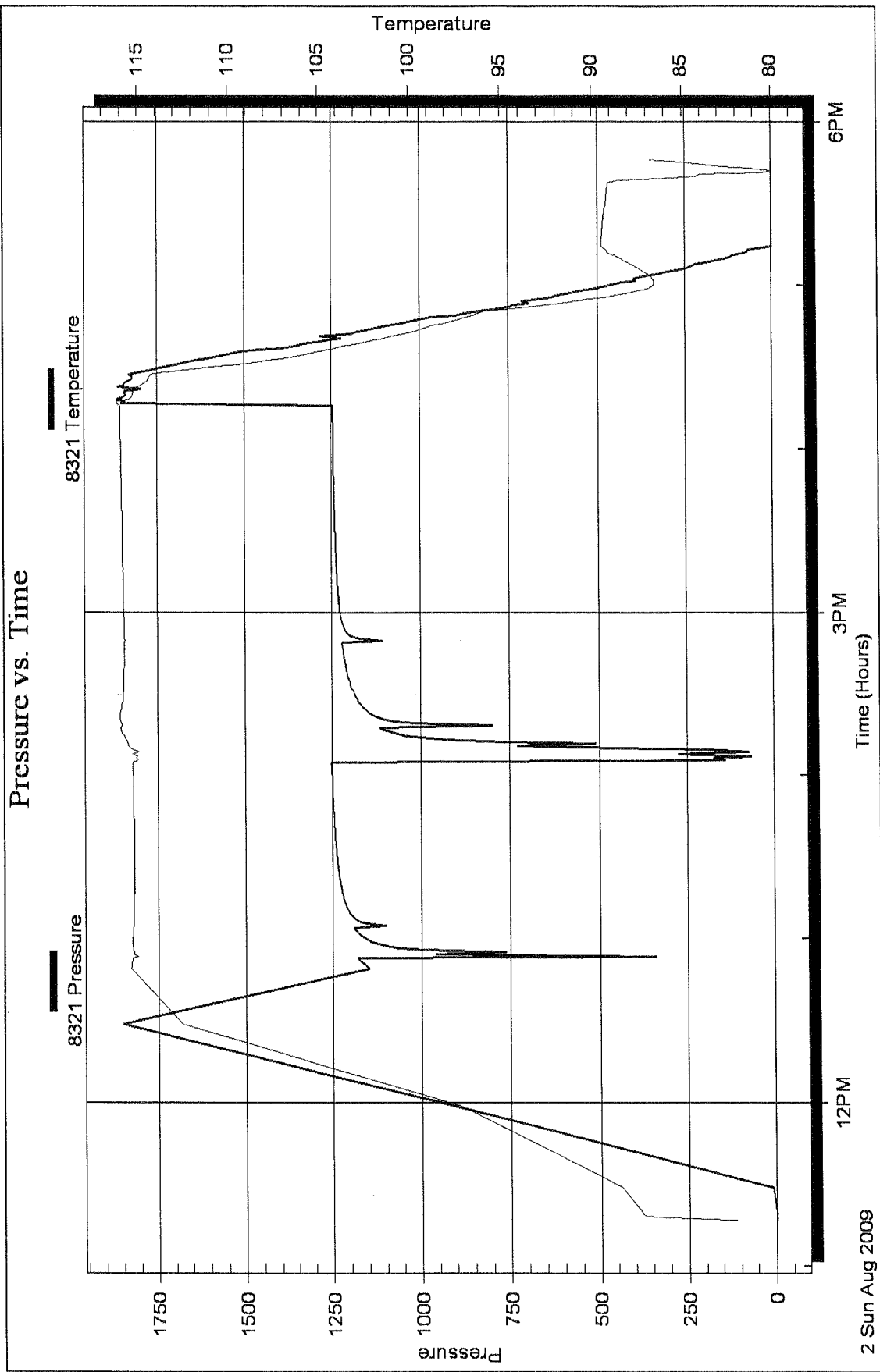
Serial #:

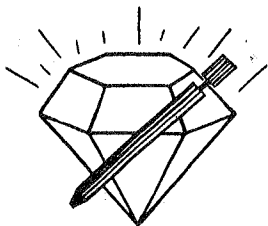
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30035.D056

Page 1 of 2 Pages

Company Raymond Oil Co., Inc. Lease & Well No. Rose "A" No. 1

Elevation 2848 KB Formation Lansing/Kansas City 160' - 180' Zones Effective Pay -- Ft. Ticket No. P056

Date 8-03-09 Sec. 2 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Paul Schilowsky

Formation Test No. 2 Interval Tested from 4,078 ft. to 4,122 ft. Total Depth 4,122 ft.

Packer Depth 4,073 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,078 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,061 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,119 ft. Recorder Number 13387 Cap. 3,900 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 9.2 Water Loss 9.6 cc. Drill Pipe Length 4,046 ft. I.D. 3 1/2 in.

Chlorides 5,300 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 44 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 surface blow, building to 4 1/2 ins. No blow back during shut-in.

2nd Open: Weak surface blow, building to 3 ins. No blow back during shut-in.

Recovered 5 ft. of clean oil = .051300 bbls. (Gravity: 31 @ 60° - Corrected)

Recovered 58 ft. of slightly oil cut mud = .595080 bbls. (Grind out: 5%-oil; 95%-mud)

Recovered 62 ft. of very slightly oil cut muddy water = .636120 bbls. (Grind out: 2%-oil; 58%-mud; 40%-water)

Recovered 125 ft. of TOTAL FLUID = 1.282500 bbls. Chlorides: 26,000 Ppm

Recovered -- ft. of --

Remarks Tool Sample Grind Out: 2%-oil; 58%-mud; 40%-water

Time Set Packer(s) 6:50 AXM. P.M. Time Started Off Bottom 10:35 AXM. P.M. Maximum Temperature 117°

Initial Hydrostatic Pressure (A) 1961 P.S.I.

Initial Flow Period Minutes 30 (B) 22 P.S.I. to (C) 47 P.S.I.

Initial Closed In Period Minutes 60 (D) 1182 P.S.I.

Final Flow Period Minutes 45 (E) 56 P.S.I. to (F) 79 P.S.I.

Final Closed In Period Minutes 90 (G) 1175 P.S.I.

Final Hydrostatic Pressure (H) 1961 P.S.I.

GENERAL INFORMATION

Client Information:

Company: RAYMOND OIL CO.

Contact: TED McHENRY

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: #1 ROSE "A"

Operator: RAYMOND OIL CO.

Location-Downhole: DST#2 L/KC 160/180 4078-4122

Location-Surface: SEC2 / 14S / 32W

Test Information:

Company: DIAMOND TESTING

Representative: PAUL

Supervisor: KIM SHOEMAKER

Test Type: Drill Stem Test

Job Number: P056

Test Unit: NO. 1

Start Date: 2009/08/03

Start Time: 17:17:00

End Date: 2009/08/04

End Time: 00:57:00

Report Date: 2009/08/04

Prepared By: PAUL

Remarks:

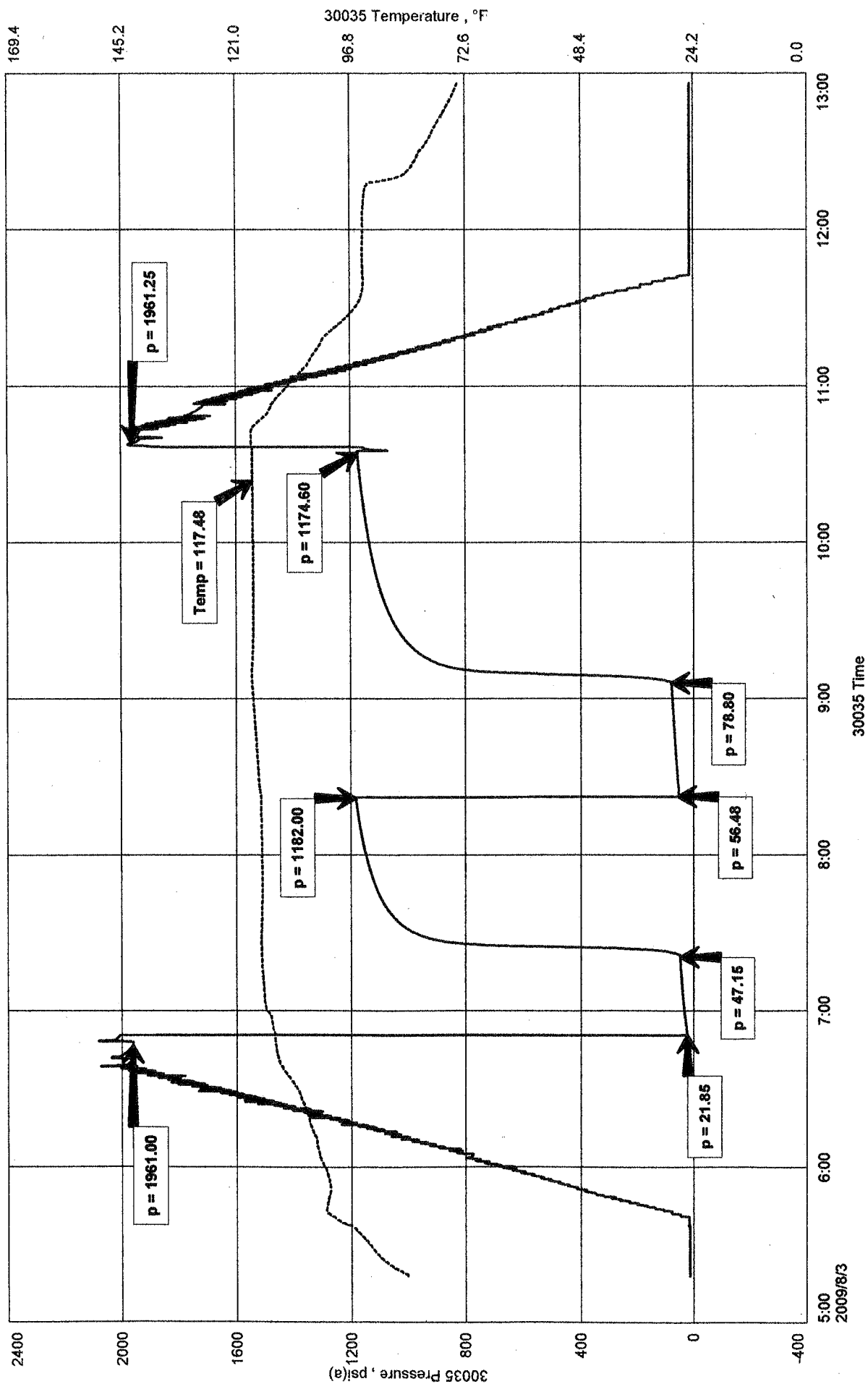
Qualified By: KIM

RECOVERED: 5 FT. CO 31 GRAVITY CORRECTED
58 FT. SOCM 5%O / 95%M
62 FT. VSOCMW 2%O / 58%M / 40%W
125 FT. OF FLUID TOTAL
TOOL SMPL: 2%O / 58%M / 40%W

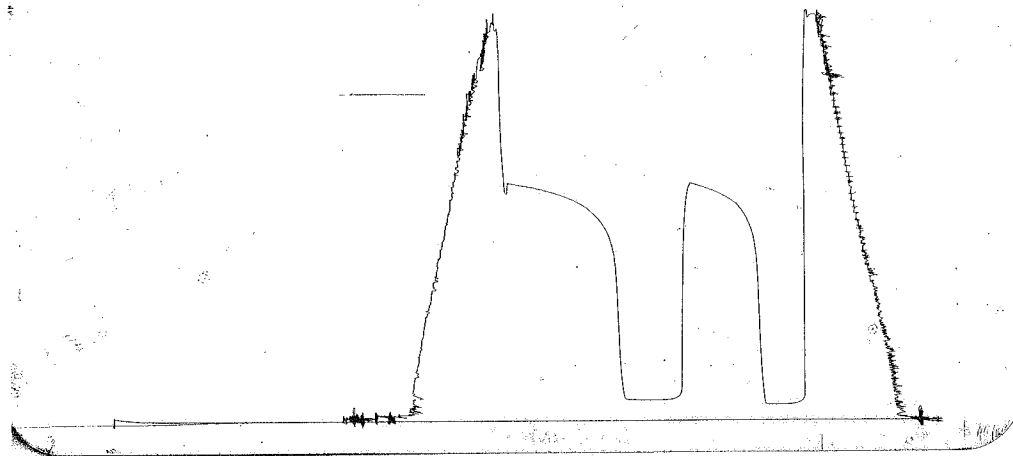
RAYMOND OIL CO.
 DST#2 L/KC 160/180 4078-4122
 Start Test Date: 2009/08/03
 Final Test Date: 2009/08/04

#1 ROSE "A"
 Formation: DST#2 L/KC 160/180 4078-4122
 Job Number: P056

#1 ROSE "A"

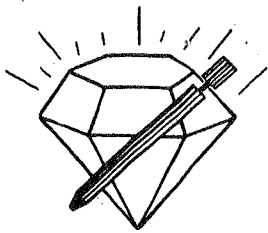


DST L/KC 160/180 4078-4/22 outside LOC 4119



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1961	1961
(B) First Initial Flow Pressure	22	22
(C) First Final Flow Pressure	47	47
(D) Initial Closed-in Pressure	1182	1182
(E) Second Initial Flow Pressure	56	56
(F) Second Final Flow Pressure	79	79
(G) Final Closed-in Pressure	1175	1175
(H) Final Hydrostatic Mud	1961	1961



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30035.D057

Page 1 of 6 Pages

Company Raymond Oil Co., Inc. Lease & Well No. Rose "A" No. 1
Elevation 2848 KB Formation Lansing/Kansas City "K" - "L" Effective Pay -- Ft. Ticket No. P057
Date 8-04-09 Sec. 2 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Paul Schilowsky

Formation Test No. 3 Interval Tested from 4,128 ft. to 4,182 ft. Total Depth 4,182 ft.

Packer Depth 4,123 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,128 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,111 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,179 ft. Recorder Number 13387 Cap. 3,900 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 9.2 Water Loss 9.6 cc. Drill Pipe Length 4,096 ft. I.D. 3 1/2 in.

Chlorides 5,300 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 23' 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 surface blow, increasing to 3 ins. No blow back during shut-in.

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

Recovered 10 ft. of clean oil = .102600 bbls. (Gravity: 24 @ 60°)

Recovered 54 ft. of slightly oil cut watery mud = .554040 bbls. (Grind out: 15%-oil; 15%-water; 70%-mud)

Recovered 64 ft. of TOTAL FLUID = .656640 bbls. Chlorides: 18,000 Ppm

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Tool Sample Grind Out: 15%-oil; 15%-water; 70%-mud

Time Set Packer(s) 1:15 AM. P.M. Time Started Off Bottom 5:00 AM. P.M. Maximum Temperature 115°

Initial Hydrostatic Pressure (A) 1982 P.S.I.

Initial Flow Period Minutes 30 (B) 11 P.S.I. to (C) 28 P.S.I.

Initial Closed In Period Minutes 60 (D) 1147 P.S.I.

Final Flow Period Minutes 45 (E) 30 P.S.I. to (F) 40 P.S.I.

Final Closed In Period Minutes 90 (G) 1118 P.S.I.

Final Hydrostatic Pressure (H) 1983 P.S.I.

Diamond Testing

Page 2 of 6 Pages

General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	P057
Well Name	#1 ROSE "A"	Representative	PAUL SCHILOWSKY
Unique Well ID	DST #3 LKC "K-L" 4,128' - 4,182'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 2-14-32 LOGAN COUNTY	Report Date	2009/08/04
Well License Number		Prepared By	PAUL SCHILOWSKY
Field	WILDCAT		
Well Type			

Test Type		Start Test Time	11:21:00
Formation	DST #3 LKC "K-L" 4,128' - 4,182'	Final Test Time	18:30:00
Well Fluid Type			
Start Test Date	2009/08/04		
Final Test Date	2009/08/04		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED: 10' CLEAN OIL 24 GRAVITY @ 60 deg
54' SLOCWM 15% OIL, 15% WTR, 70% MUD
64' TOTAL FLUID

TOOL SAMPLE: 15% OIL, 15% WTR, 70% MUD CHLORIDES 18,000 Ppm

Oil Well Test - Buildup

Radial Flow Analysis

Page 3 of 6 Pages

RAYMOND OIL COMPANY, INC.

LKC "K-L" 4,128'-4,182

#1 ROSE DST #3

Analysis Results

Total Sandface Rate (qtBt)	1.163 bbl/d	Apparent Skin (s')	-0.232
Semilog Slope (m)	596.30	Skin - Damage	-0.232
Gas Permeability (kg)	md	Skin - Inclination	
Oil Permeability (ko)	0.242 md	Skin - Partial Penetration	
Water Permeability (kw)	md	Pressure Drop Due to Skin (Dps)	psi
Flow Capacity (kh)	1.453 md.ft	Damage Ratio (DR)	0.945
Total Mobility (k/mt)	0.05 md/cp	Flow Efficiency (FE)	1.058
Total Transmissivity(kh/mt)	0.32 md.ft/cp		

Reservoir Parameters

Net Pay (h)	6.000 ft
Total Porosity (ft)	8.00%
Water Saturation (Sw)	20.00%
Oil Saturation (So)	80.00%
Gas Saturation (Sg)	0.00%
Wellbore Radius (rw)	0.30 ft
Formation Temperature (T)	115.0°F
Formation Compressibility (cf)	5.334e-6 psi-1
Total Compressibility (ct)	1.188e-5 psi-1

Pressures

Initial Pressure (pi)	2103.86 psi
Extrapolated Pressure (p*)	1255.98 psi
Final Flowing Pressure (pwfo)	25.43 psi

Production and Times

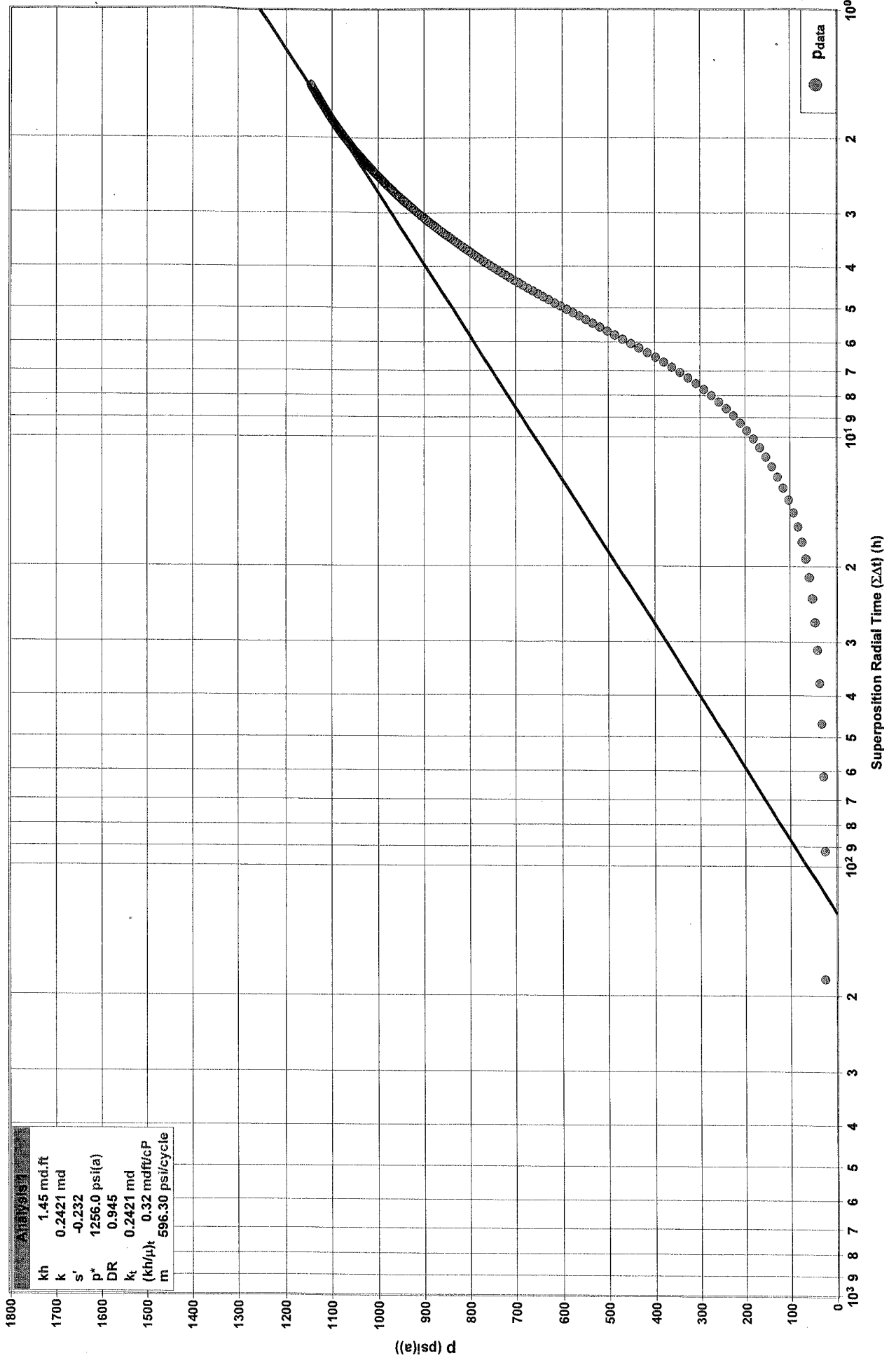
Corrected Flow Time (tc)	0.5056 hr
Cumulative Oil Production	0.021 bbl
Final Oil Rate	1.000 bbl/d

Fluid Properties

Oil Compressibility (co)	7.43881e-6 psi-1
Oil Formation Volume Factor (Bo)	1.163
Oil Viscosity (mo)	4.579 cp
Solution Gas Ratio (Rs)	297 scf/bbl
Oil Gravity (yo)	24.00° API
Gas Gravity (G)	0.650
PVT Reference Pressure (pPVT)	2103.86 psi

RAYMOND OIL COMPANY, INC. #1 ROSE DST #3 LKC "K-L" 4,128'-4,182'

DST #3 INITIAL SHUT-IN HORNER PLOT



Oil Well Test - Buildup

Radial Flow Analysis

Page 5 of 6 Pages

RAYMOND OIL COMPANY, INC.

LKC "K-L" 4,128'-4.182

#1 ROSE DST #3

Analysis Results

Total Sandface Rate (qtBt)	1.163 bbl/d	Apparent Skin (s')	-0.551
Semilog Slope (m)	591.82	Skin - Damage	-0.551
Gas Permeability (kg)	md	Skin - Inclination	
Oil Permeability (ko)	0.244 md	Skin - Partial Penetration	
Water Permeability (kw)	md	Pressure Drop Due to Skin (Dps)	psi
Flow Capacity (kh)	1.464 md.ft	Damage Ratio (DR)	0.879
Total Mobility (k/mt)	0.05 md/cp	Flow Efficiency (FE)	1.137
Total Transmissivity(kh/mt)	0.32 md.ft/cp		

Reservoir Parameters

Net Pay (h)	6.000 ft
Total Porosity (ft)	8.00%
Water Saturation (Sw)	20.00%
Oil Saturation (So)	80.00%
Gas Saturation (Sg)	0.00%
Wellbore Radius (rw)	0.30 ft
Formation Temperature (T)	115.0°F
Formation Compressibility (cf)	5.334e-6 psi-1
Total Compressibility (ct)	1.188e-5 psi-1

Pressures

Initial Pressure (pi)	2103.86 psi
Extrapolated Pressure (p*)	1261.78 psi
Final Flowing Pressure (pwfo)	37.94 psi

Production and Times

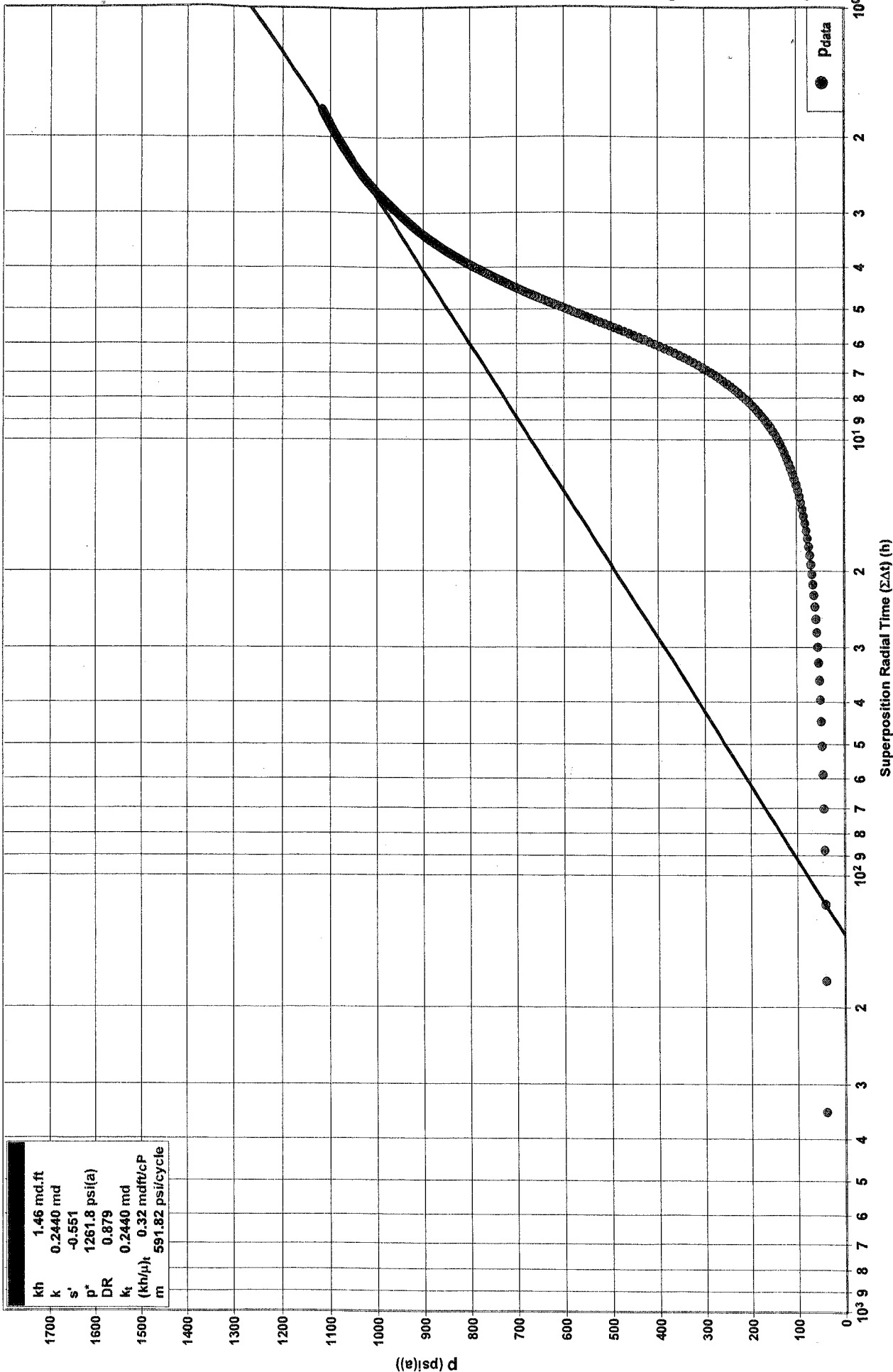
Corrected Flow Time (tc)	1.2500 hr
Cumulative Oil Production	0.052 bbl
Final Oil Rate	1.000 bbl/d

Fluid Properties

Oil Compressibility (co)	7.43881e-6 psi-1
Oil Formation Volume Factor (Bo)	1.163
Oil Viscosity (mo)	4.579 cp
Solution Gas Ratio (Rs)	297 scf/bbl
Oil Gravity (yo)	24.00° API
Gas Gravity (G)	0.650
PVT Reference Pressure (pPVT)	2103.86 psi

RAYMOND OIL COMPANY, INC.
#1 ROSE DST #3
LKC "K-L" 4,128'-4,182'

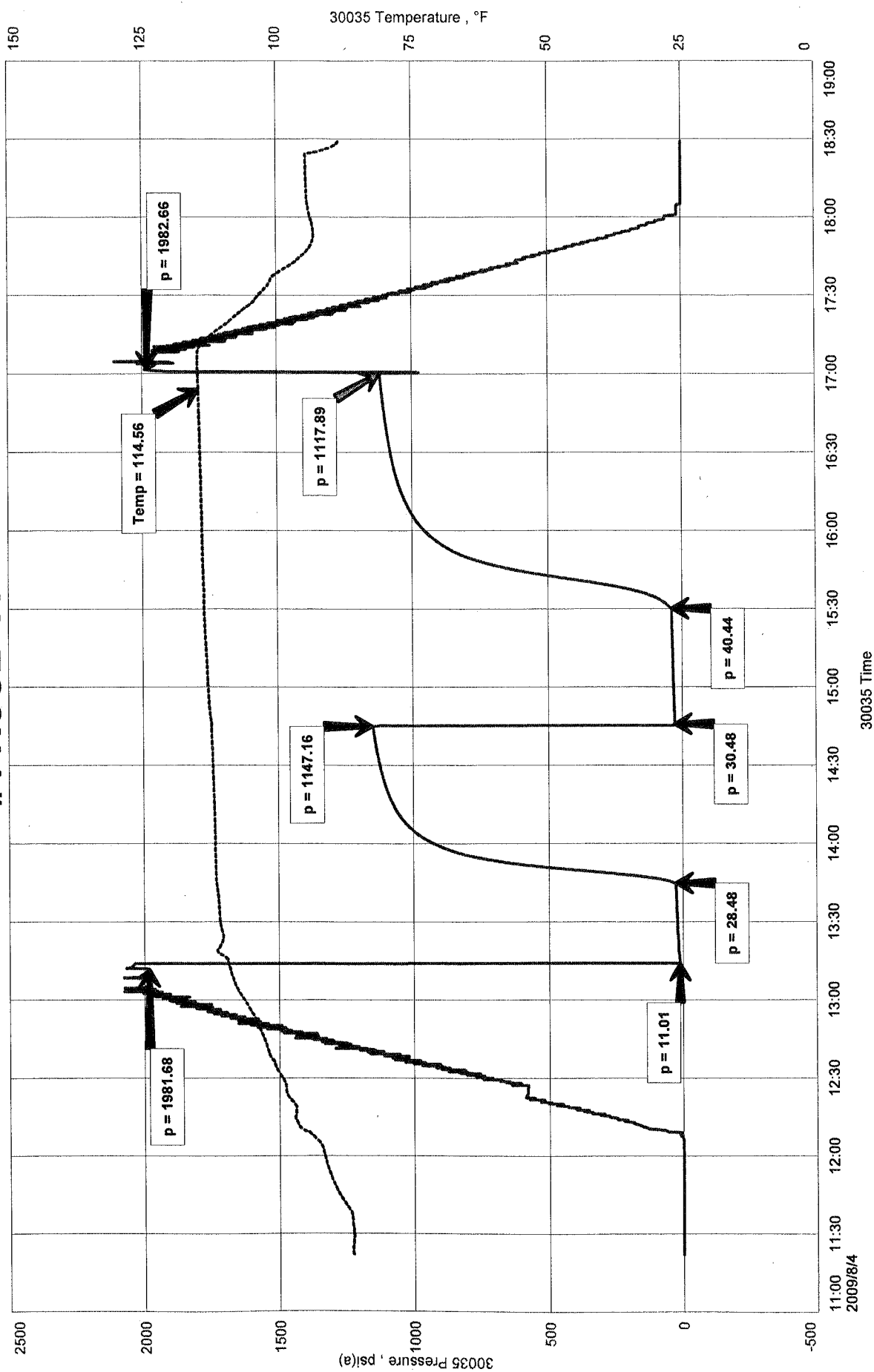
DST #3 FINAL SHUT-IN
HORNER PLOT



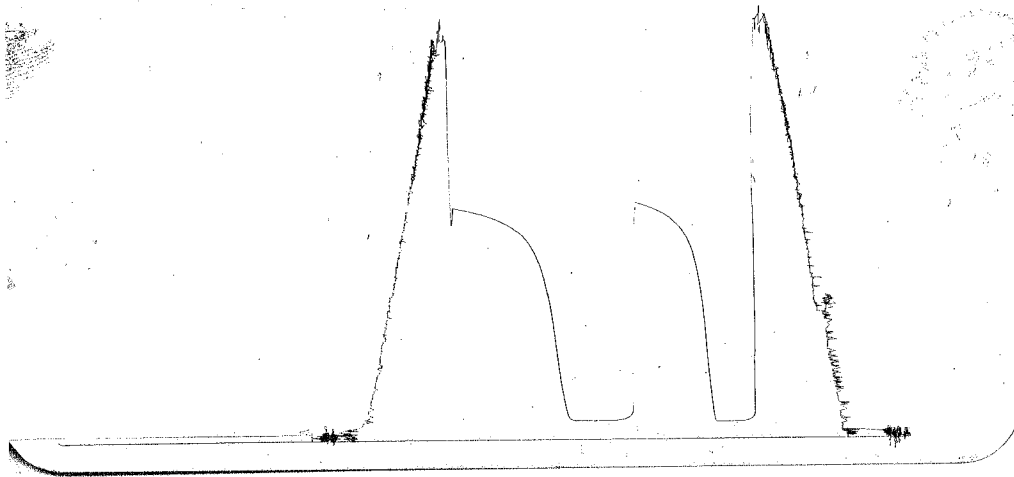
RAYMOND OIL COMPANY, INC.
 DST #3 LKC "K-L" 4,128' - 4,182'
 Start Test Date: 2009/08/04
 Final Test Date: 2009/08/04

#1 ROSE "A"
 Formation: DST #3 LKC "K-L" 4,128' - 4,182'
 Job Number: P057

#1 ROSE "A"

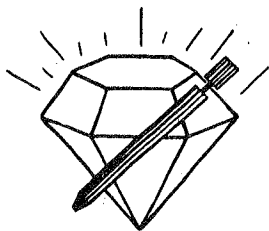


PS#3 4128-4182 L.K.C. K-L outside 4179



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec.
	Field	Office	
	Reading	Reading	
(A) Initial Hydrostatic Mud	1982	1982	PSI
(B) First Initial Flow Pressure.....	11	11	PSI
(C) First Final Flow Pressure	28	28	PSI
(D) Initial Closed-in Pressure	1147	1147	PSI
(E) Second Initial Flow Pressure.....	30	30	PSI
(F) Second Final Flow Pressure.....	40	40	PSI
(G) Final Closed-in Pressure.....	1118	1118	PSI
(H) Final Hydrostatic Mud.....	1983	1983	PSI



DIAMOND TESTING

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STC 30035.D058

Page 1 of 2 Pages

Company Raymond Oil Co., Inc. Lease & Well No. Rose "A" No. 1
Elevation 2848 KB Formation Pawnee/Cherokee Effective Pay -- Ft. Ticket No. P058
Date 8-05-09 Sec. 2 Twp. 14S Range 32W County Logan State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Paul Schilowsky

Formation Test No. 4 Interval Tested from 4,323 ft. to 4,436 ft. Total Depth 4,436 ft.

Packer Depth 4,318 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,323 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,306 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,433 ft. Recorder Number 13387 Cap. 3,900 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 47 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.3 Water Loss 12.0 cc. Drill Pipe Length 4,291 ft. I.D. 3 1/2 in.

Chlorides 6,600 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 51' perf. w/ 62' 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, 1/2 in., blow, decreasing to a weak surface blow. No blow back during shut-in.

2nd Open: No blow. Flushed tool; good surge, but no blow. No blow back during shut-in.

Recovered 15 ft. of slightly oil specked drilling mud = .153900 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Tool Sample Grind Out: 100%-drilling mud with a few oil specks

Time Set Packer(s) 10:35 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 2:20 ~~P.M.~~ ^{A.M.} Maximum Temperature 118°

Initial Hydrostatic Pressure (A) 2133 P.S.I.

Initial Flow Period Minutes 30 (B) 10 P.S.I. to (C) 15 P.S.I.

Initial Closed In Period Minutes 60 (D) 814 P.S.I.

Final Flow Period Minutes 45 (E) 13 P.S.I. to (F) 15 P.S.I.

Final Closed In Period Minutes 90 (G) 731 P.S.I.

Final Hydrostatic Pressure (H) 2131 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	P058
Well Name	#1 ROSE "A"	Representative	PAUL SCHILOWSKY
Unique Well ID	DST #4 PAW. THRU CHERO 4,323-4,436	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 2-14S-32W LOGAN	Report Date	2009/08/06
Well License Number		Prepared By	PAUL SCHILOWSKY
Field	WILDCAT		
Well Type			

Test Type		Start Test Time	20:31:00
Formation	DST #4 PAW. - CHERO 4,323-4,436	Final Test Time	03:53:00
Well Fluid Type			
Start Test Date	2009/08/05		
Final Test Date	2009/08/06		
Gauge Name	30035		
Gauge Serial Number			

Test Results

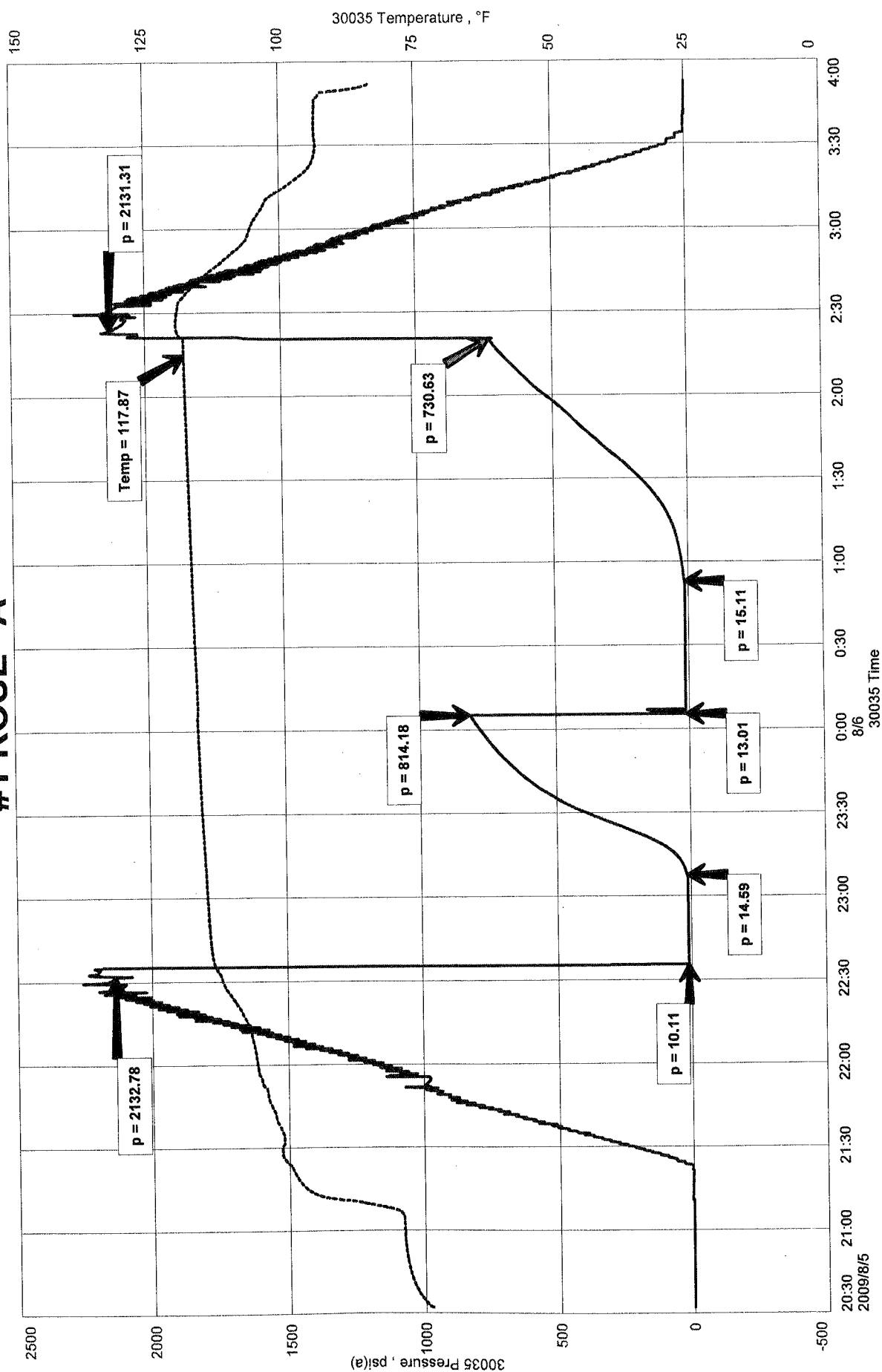
RECOVERED: 15' SLT OIL SPECKED DRILLING MUD

TOOL SAMPLE: 100% DM WITH FEW OIL SPECKS

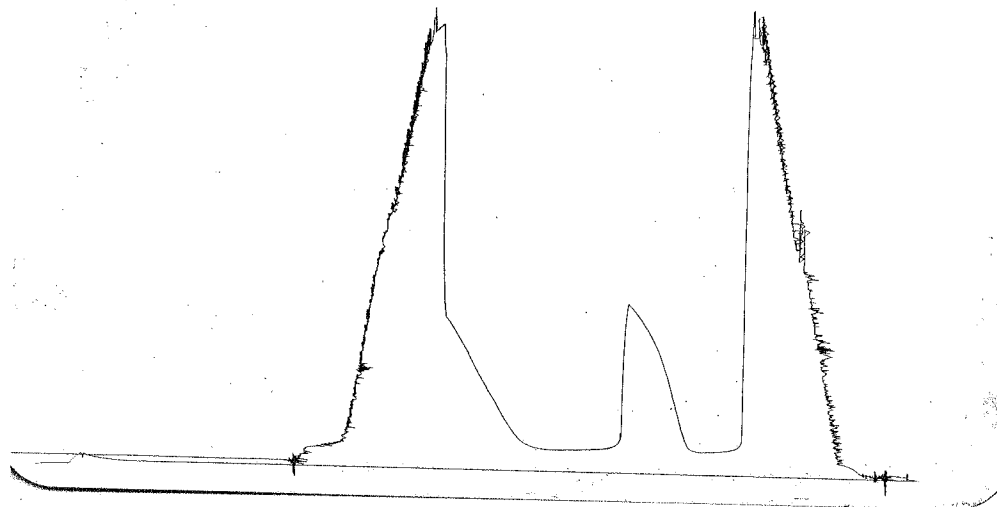
#1 ROSE "A"
 Formation: DST #4 PAW. - CHERO 4,323-4,436
 Job Number: P058

RAYMOND OIL COMPANY, INC.
 DST #4 PAW. THRU CHERO 4,323-4,436
 Start Test Date: 2009/08/05
 Final Test Date: 2009/08/06

#1 ROSE "A"

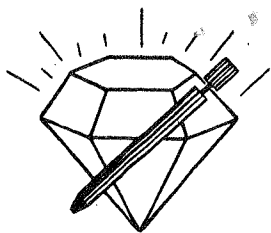


DST # 4 OUTSIDE



This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2133	2133
(B) First Initial Flow Pressure.....	10	10
(C) First Final Flow Pressure	15	15
(D) Initial Closed-in Pressure	814	814
(E) Second Initial Flow Pressure	13	13
(F) Second Final Flow Pressure.....	15	15
(G) Final Closed-in Pressure.....	731	731
(H) Final Hydrostatic Mud	2131	2131



DIAMOND TESTING

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STC 30035.D059

Page 1 of 2 Pages

Company Raymond Oil Co., Inc. Lease & Well No. Rose "A" No. 1

Elevation 2848 KB Formation Johnson Effective Pay -- Ft. Ticket No. P059

Date 8-6-09 Sec. 2 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Paul Schilowsky

Formation Test No. 5 Interval Tested from 4,434 ft. to 4,515 ft. Total Depth 4,515 ft.

Packer Depth 4,429 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,434 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,417 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,512 ft. Recorder Number 13387 Cap. 3,900 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 53 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.5 Water Loss 11.2 cc. Drill Pipe Length 4,402 ft. I.D. 3 1/2 in.

Chlorides 6,700 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 50' 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, surface blow increasing to 2 ins. No blow back during shut-in.

2nd Open: No blow. Flushed tool. Good surge. Weak, surface blow. No blow back during shut-in.

Recovered 70 ft. of drilling mud with a few oil specks = .718200 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 specks

Time Set Packer(s) 9:40 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 1:25 ~~P.M.~~ ^{A.M.} Maximum Temperature 119°

Initial Hydrostatic Pressure (A) 2136 P.S.I.

Initial Flow Period Minutes 30 (B) 10 P.S.I. to (C) 25 P.S.I.

Initial Closed In Period Minutes 60 (D) 1008 P.S.I.

Final Flow Period Minutes 45 (E) 29 P.S.I. to (F) 41 P.S.I.

Final Closed In Period Minutes 90 (G) 937 P.S.I.

Final Hydrostatic Pressure (H) 2133 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	P059
Well Name	#1 ROSE "A"	Representative	PAUL SCHILOWSKY
Unique Well ID	DST #5 JOHNSON 4,434' - 4,515,	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 2-14S-32W LOGAN COUNTY	Report Date	2009/08/07
Well License Number		Prepared By	PAUL SCHILOWSKY
Field	WILDCAT		
Well Type			

Test Type		Start Test Time	18:42:00
Formation	DST #5 JOHNSON 4,434' - 4,515'	Final Test Time	03:00:00
Well Fluid Type			
Start Test Date	2009/08/06		
Final Test Date	2009/08/07		
Gauge Name	30035		
Gauge Serial Number			

Test Results

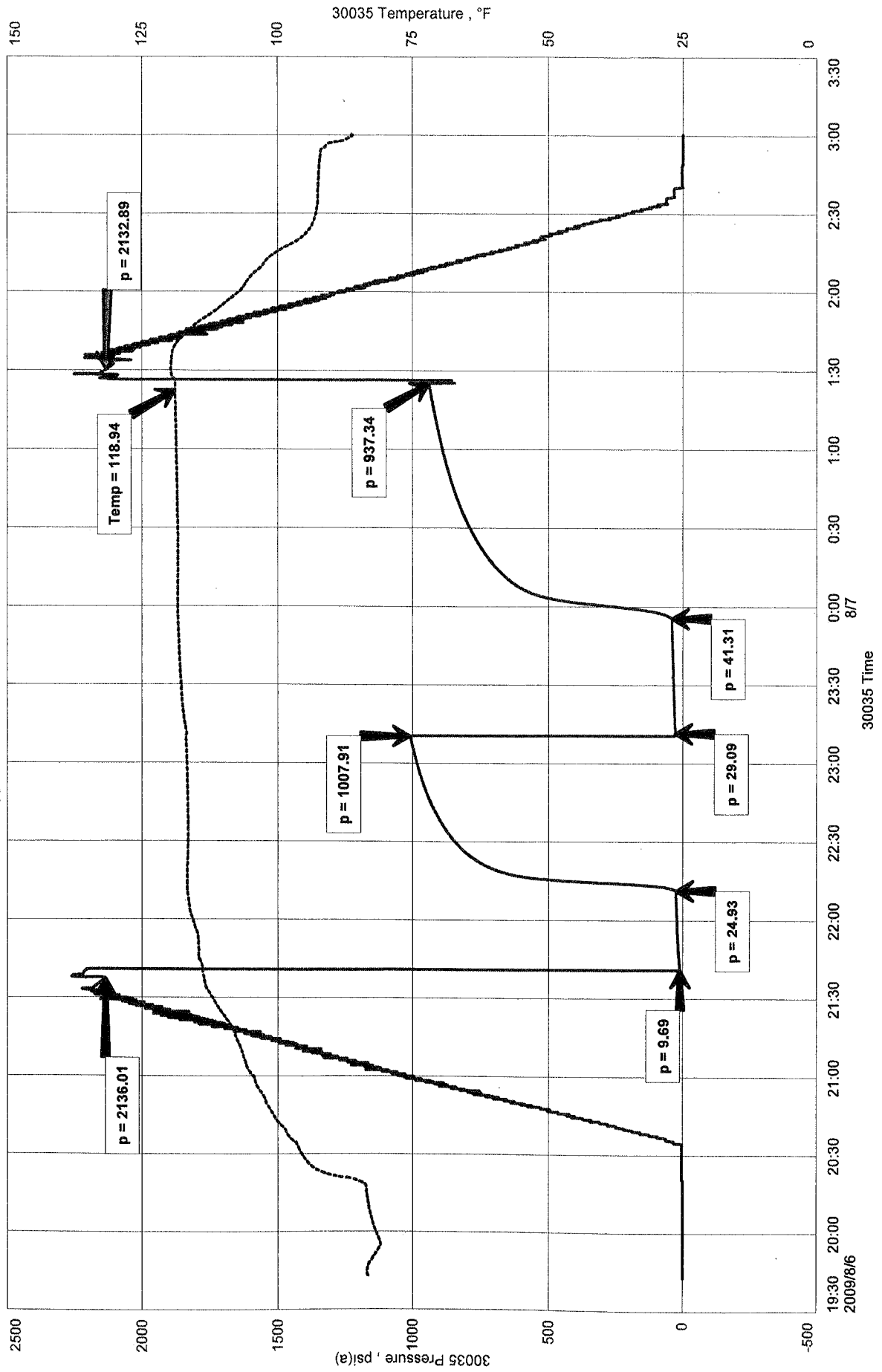
RECOVERED: 70' 100% DM WITH A FEW OIL SPECKS

TOOL SAMPLE: 100 DM WITH A FEW OIL SPECKS

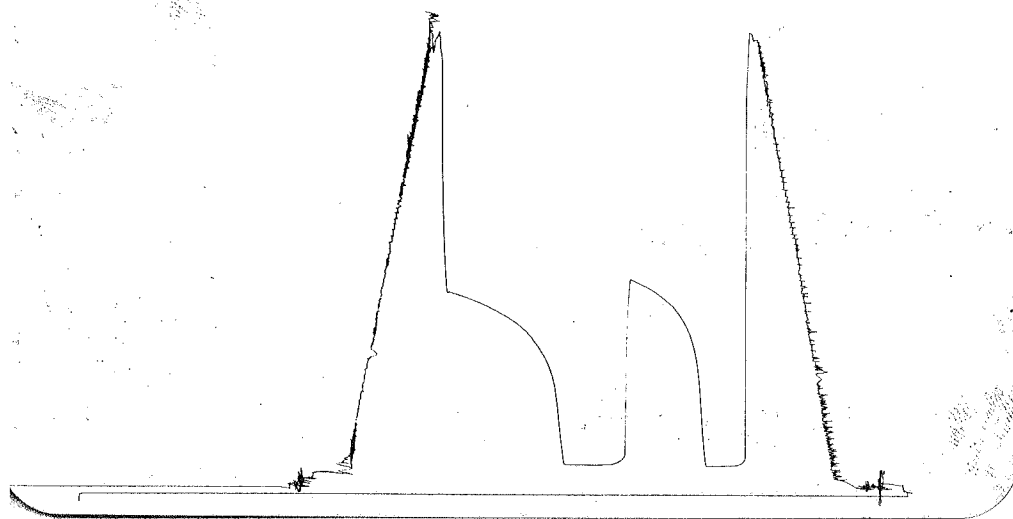
RAYMOND OIL COMPANY, INC.
 DST #5 JOHNSON 4,434' - 4,515',
 Start Test Date: 2009/08/06
 Final Test Date: 2009/08/07

#1 ROSE "A"
 Formation: DST #5 JOHNSON 4,434' - 4,515'
 Job Number: P059

#1 ROSE "A"

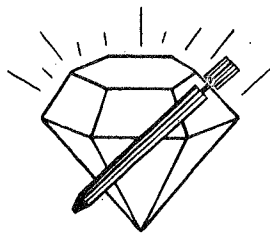


DST # 5 outside



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2136	2136
(B) First Initial Flow Pressure	10	10
(C) First Final Flow Pressure	25	25
(D) Initial Closed-in Pressure	1008	1008
(E) Second Initial Flow Pressure	29	29
(F) Second Final Flow Pressure	41	41
(G) Final Closed-in Pressure	937	937
(H) Final Hydrostatic Mud	2133	2133



DIAMOND TESTING

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STC 30035.D060

Page 1 of 8 Pages

Company Raymond Oil Co., Inc. Lease & Well No. Rose "A" No. 1

Elevation 2848 KB Formation Morrow Sand Effective Pay -- Ft. Ticket No. P060

Date 8-7-09 Sec. 2 Twp. 14S Range 32W County Logan State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Paul Schilowsky

Formation Test No. 6 Interval Tested from 4,483 ft. to 4,537 ft. Total Depth 4,537 ft.

Packer Depth 4,478 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,483 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,466 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,534 ft. Recorder Number 13387 Cap. 3,900 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 53 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.5 Water Loss 11.2 cc. Drill Pipe Length 4,451 ft. I.D. 3 1/2 in.

Chlorides 6,700 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 23' 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: Good blow increasing. Off bottom of bucket in 29 1/2 mins. No blow back during shut-in.

2nd Open: Fair blow increasing to 7 1/2 ins. No blow back during shut-in.

Recovered 124 ft. of gas in pipe

Recovered 5 ft. of heavy oil cut mud = .051300 bbls. (Grind out: 25%-oil; 75%-mud)

Recovered 62 ft. of gas & heavy oil cut mud = .636120 bbls. (Grind out: 10%-gas; 30%-oil; 60%-mud)

Recovered 62 ft. of salt water & heavy gas cut oily mud = .636120 bbls. (Grind out: 1%-water; 25%-gas; 30%-oil; 44%-mud)

Recovered 129 ft. of TOTAL FLUID = 1.323540 bbls. Chlorides: 12,000 Ppm

Remarks Tool Sample Grind Out: 1%-water; 2%-gas; 40%-mud; 57%-oil

Time Set Packer(s) 11:14 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 2:59 ~~P.M.~~ ^{A.M.} Maximum Temperature 118°

Initial Hydrostatic Pressure (A) 2169 P.S.I.

Initial Flow Period Minutes 30 (B) 15 P.S.I. to (C) 50 P.S.I.

Initial Closed In Period Minutes 60 (D) 563 P.S.I.

Final Flow Period Minutes 45 (E) 53 P.S.I. to (F) 69 P.S.I.

Final Closed In Period Minutes 90 (G) 416 P.S.I.

Final Hydrostatic Pressure (H) 2167 P.S.I.

Diamond Testing

Page 2 of 8 Pages
General information Report

General Information

Company Name RAYMOND OIL COMPANY, INC.

Contact	TED MCHENRY	Job Number	P060
Well Name	#1 ROSE "A"	Representative	PAUL SCHILOWSKY
Unique Well ID	DST #6 MORROW SAND 4,483' - 4,537'	Well Operator	RAYMOND OIL COMPANY, INC.
Surface Location	SEC 2-14S-32W LOGAN COUNTY	Report Date	2009/08/07
Well License Number		Prepared By	PAUL SCHILOWSKY
Field	WILDCAT		
Well Type			

Test Type	Drill Stem Test		
Formation	SDST #6 MORROW SAND 4,483' - 4,537'		
Well Fluid Type	01 Oil	Start Test Time	09:15:00
		Final Test Time	16:38:00
Start Test Date	2009/08/07		
Final Test Date	2009/08/07		
Gauge Name	30035		
Gauge Serial Number			

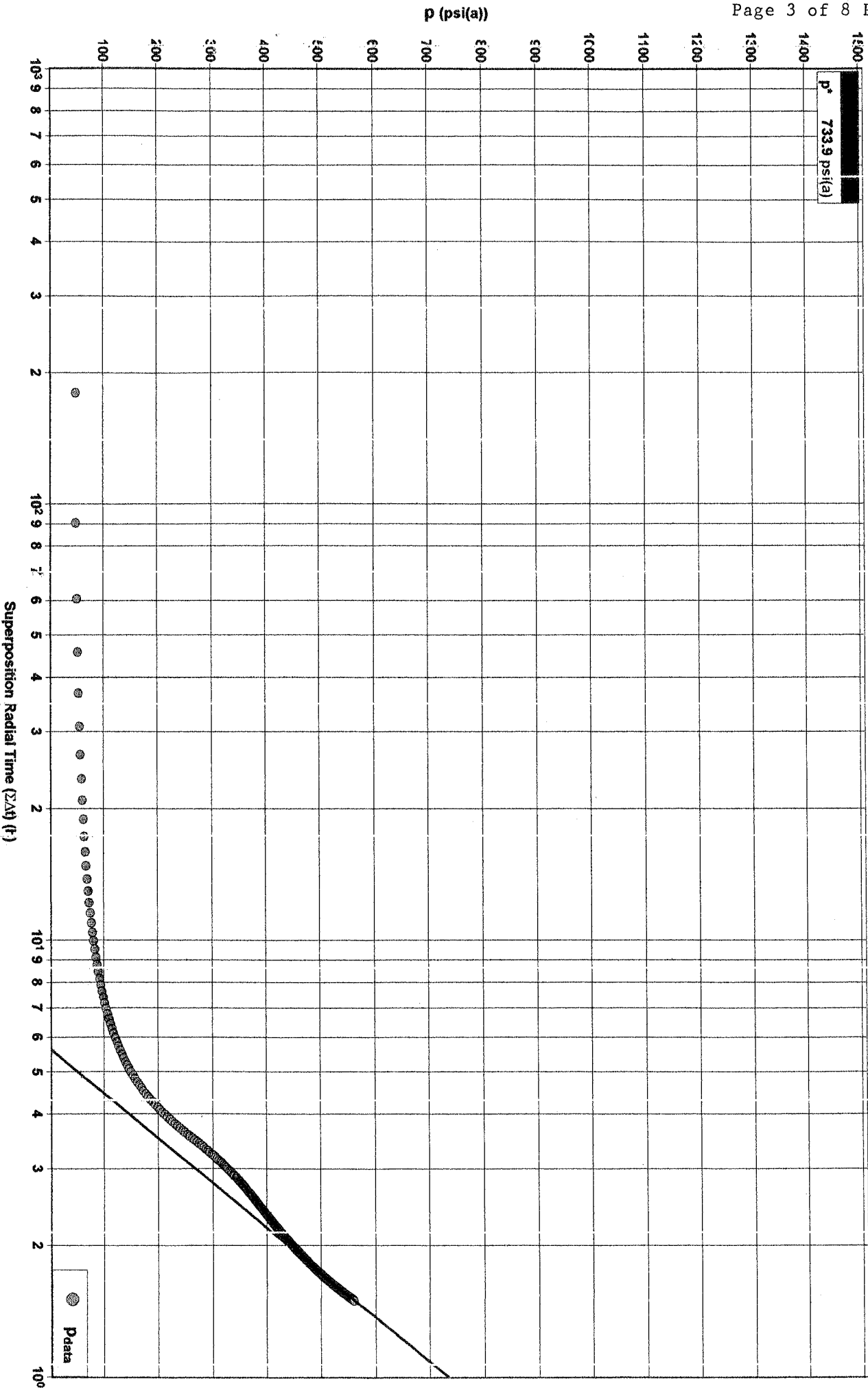
Test Results

RECOVERD: 124' GAS IN PIPE
5' HOCM 25% OIL 75% MUD
62' G%HOCM 10% GAS, 30% OIL, 60% MUD
62' STW WTR&HGCOM 1% WTR, 25% GAS, 30% OIL, 44% MUD (CHLORIDES 12,000 Ppm
129' TOTAL FLUID

TOOL SAMPLE: 1% WTR, 2% GAS, 40% MUD, 57% OIL

RAYMOND OIL COMPANY, INC.
 #1 ROSE "A"
 DST #6 MORROW SAND
 4,483' - 4,537'

DST #6 INITIAL SHUT-IN
 HORNER PLOT



Oil Well Test - Buildup

Radial Flow Analysis

Page 4 of 8 Pages

RAYMOND OIL COMPANY, INC.

DST #6 MORROW SAND

#1 ROSE "A"

4,483' - 4,537

Analysis Results

Total Sandface Rate (qtBt)	9.810 bbl/d	Apparent Skin (s')	-2.028
Semilog Slope (m)	976.73	Skin - Damage	-2.028
Gas Permeability (kg)	md	Skin - Inclination	
Oil Permeability (ko)	0.331 md	Skin - Partial Penetration	
Water Permeability (kw)	md	Pressure Drop Due to Skin (Dps)	psi
Flow Capacity (kh)	2.981 md.ft	Damage Ratio (DR)	0.568
Total Mobility (k/mt)	0.18 md/cp	Flow Efficiency (FE)	1.760
Total Transmissivity(kh/mt)	1.63 md.ft/cp		

Reservoir Parameters

Net Pay (h)	9.000 ft
Total Porosity (ft)	16.00 %
Water Saturation (Sw)	20.00 %
Oil Saturation (So)	80.00 %
Gas Saturation (Sg)	0.00 %
Wellbore Radius (rw)	0.30 ft
Formation Temperature (T)	118.0 °F
Formation Compressibility (cf)	4.001e-6 psi-1
Total Compressibility (ct)	1.271e-5 psi-1

Pressures

Initial Pressure (pi)	2313.59 psi
Extrapolated Pressure (p*)	733.92 psi
Final Flowing Pressure (pwfo)	49.44 psi

Production and Times

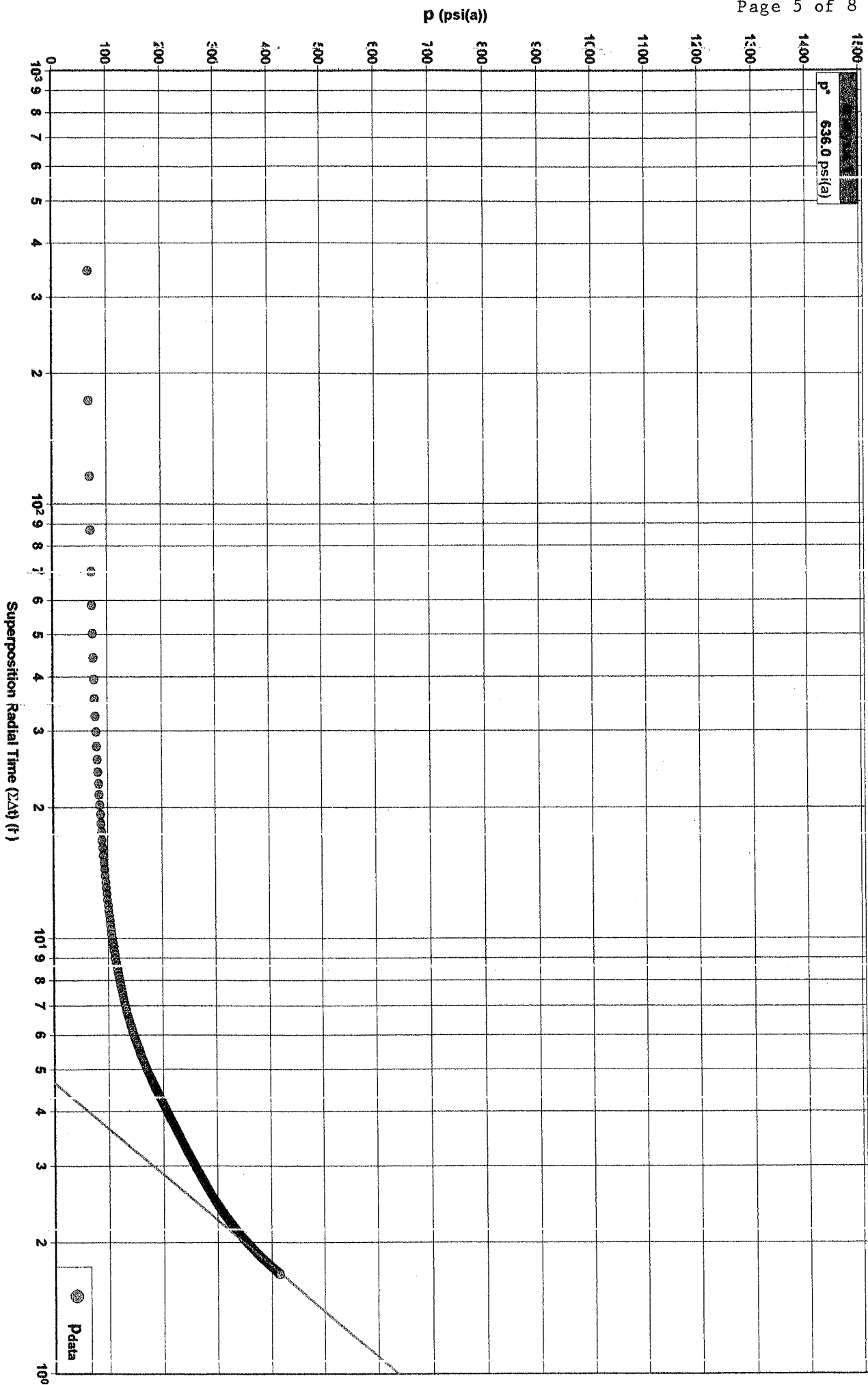
Corrected Flow Time (tc)	0.4972 hr
Cumulative Oil Production	0.167 bbl
Final Oil Rate	8.000 bbl/d

Fluid Properties

Oil Compressibility (co)	1.01458e-5 psi-1
Oil Formation Volume Factor (Bo)	1.226
Oil Viscosity (mo)	1.826 cp
Solution Gas Ratio (Rs)	420 scf/bbl
Oil Gravity (yo)	30.00 ° API
Gas Gravity (G)	0.650
PVT Reference Pressure (pPVT)	2313.59 psi

RAYMOND OIL COMPANY, INC.
 #1 ROSE "A"
 DST #6 MORROW SAND
 4,483' - 4,537'

**DST #6 FINAL SHUT IN
 HORNER PLOT**



p (psi(a))

$p^* = 636.0$ psi(a)

Pdata

Superposition Radial Time (Δt) (t)

Oil Well Test - Buildup Radial Flow Analysis

Page 6 of 8 Pages

RAYMOND OIL COMPANY, INC.

DST #6 MORROW SAND

#1 ROSE "A"

4,483' - 4,537'

Analysis Results

Total Sandface Rate (q _{tBt})	9.810 bbl/d	Apparent Skin (s')	-2.487
Semilog Slope (m)	954.60	Skin - Damage	-2.487
Gas Permeability (k _g)	md	Skin - Inclination	
Oil Permeability (k _o)	0.339 md	Skin - Partial Penetration	
Water Permeability (k _w)	md	Pressure Drop Due to Skin (Dps)	psi
Flow Capacity (kh)	3.051 md.ft	Damage Ratio (DR)	0.521
Total Mobility (k/mt)	0.19 md/cp	Flow Efficiency (FE)	1.918
Total Transmissivity(kh/mt)	1.67 md.ft/cp		

Reservoir Parameters

Net Pay (h)	9.000 ft
Total Porosity (ft)	16.00 %
Water Saturation (S _w)	20.00 %
Oil Saturation (S _o)	80.00 %
Gas Saturation (S _g)	0.00 %
Wellbore Radius (r _w)	0.30 ft
Formation Temperature (T)	118.0 °F
Formation Compressibility (c _f)	4.001e-6 psi-1
Total Compressibility (c _t)	1.271e-5 psi-1

Pressures

Initial Pressure (p _i)	2313.59 psi
Extrapolated Pressure (p*)	636.03 psi
Final Flowing Pressure (p _{wfo})	66.81 psi

Production and Times

Corrected Flow Time (t _c)	1.2417 hr
Cumulative Oil Production	0.415 bbl
Final Oil Rate	8.000 bbl/d

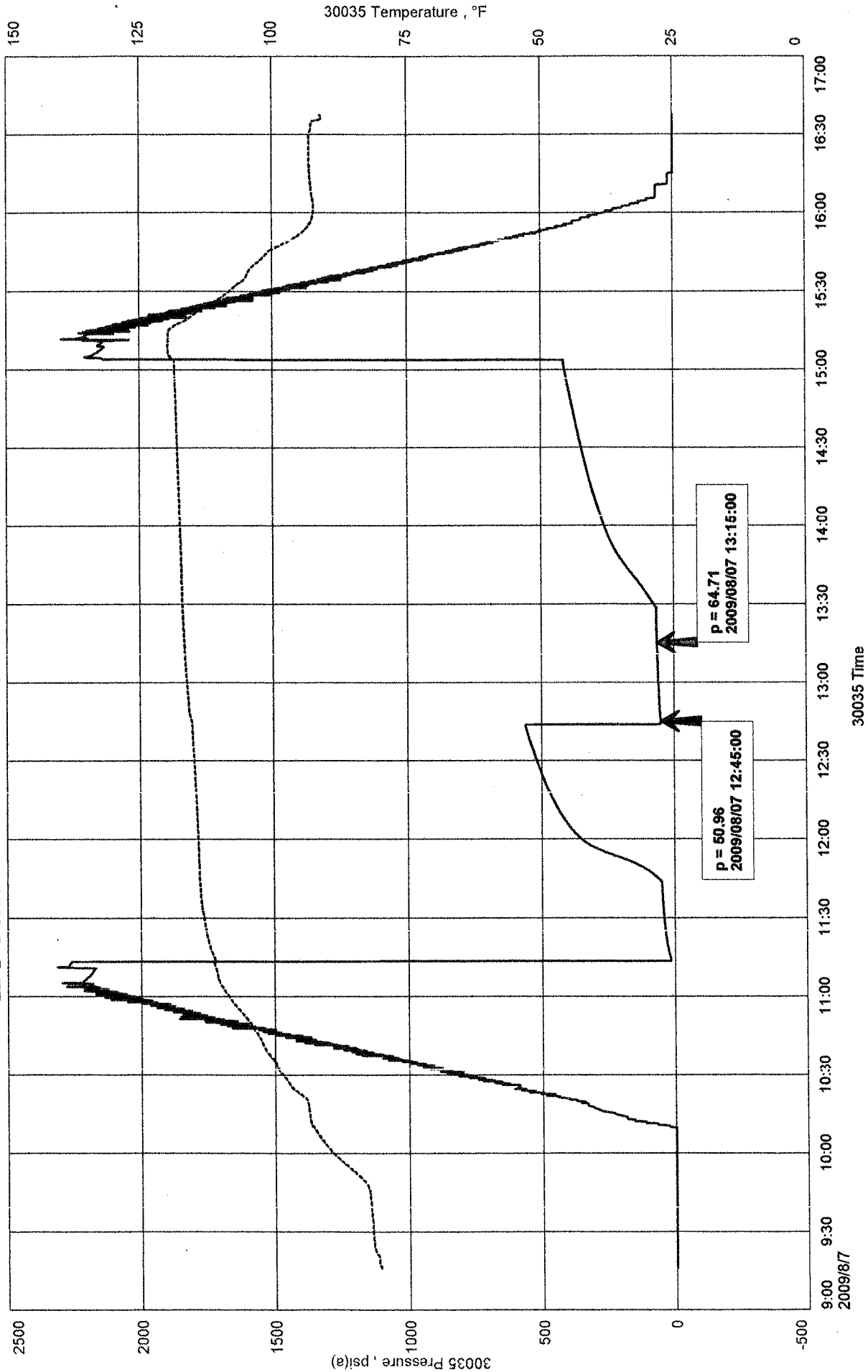
Fluid Properties

Oil Compressibility (c _o)	1.01458e-5 psi-1
Oil Formation Volume Factor (B _o)	1.226
Oil Viscosity (μ _o)	1.826 cp
Solution Gas Ratio (R _s)	429 scf/bbl
Oil Gravity (γ _o)	30.00 ° API
Gas Gravity (G)	0.650
PVT Reference Pressure (p _{PVT})	2313.59 psi

RAYMOND OIL COMPANY, INC.
DST #6 MORROW SAND 4,483' - 4,537'
Start Test Date: 2009/08/07
Final Test Date: 2009/08/07

#1 ROSE "A"
Formation: SDST #6 MORROW SAND 4,483' - 4,537'
Job Number: P060

ESTIMATED PRODUCTION DST #6



RAYMOND OIL COMPANY, INC.

#1 ROSE "A"

DST #6 MORROW SND 4,483' - 4,537

ESTIMATED DAILY PRODUCTION

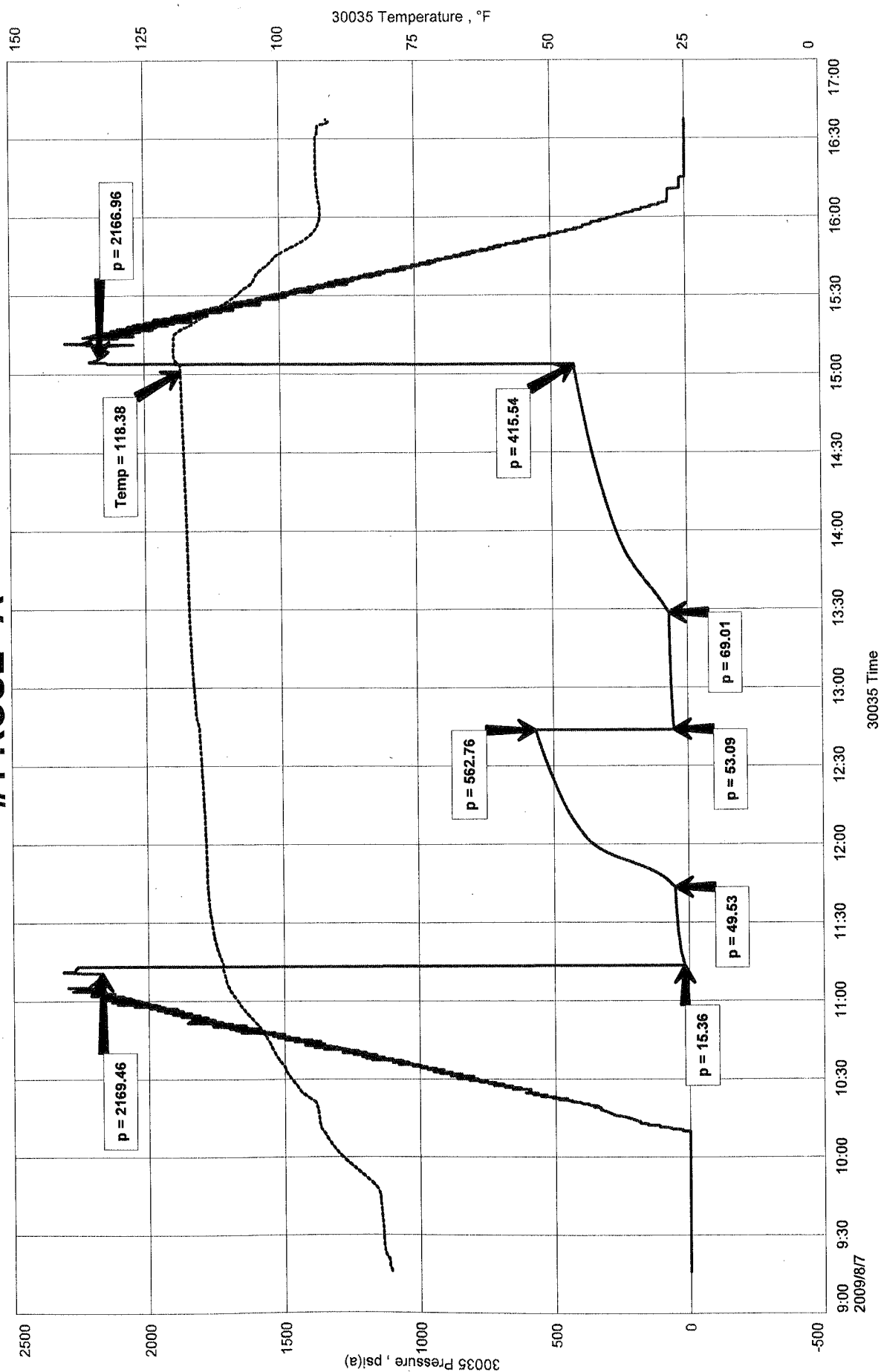
DRILL-

DESCRIPTION	SECOND READING	FIRST READING	PRESSURE CHANGE	PIPE SIZE-ID	FLUID GRADIENT	TIME CHANGE	TOTAL TIME	DAILY PRODUCTION	AVERAGE PERCENTAGE OIL	ESTIMATED DAILY PRODUCTION
FINAL FLOW	65	51	14	0.0142	0.366	30	1440	26	30.00%	8

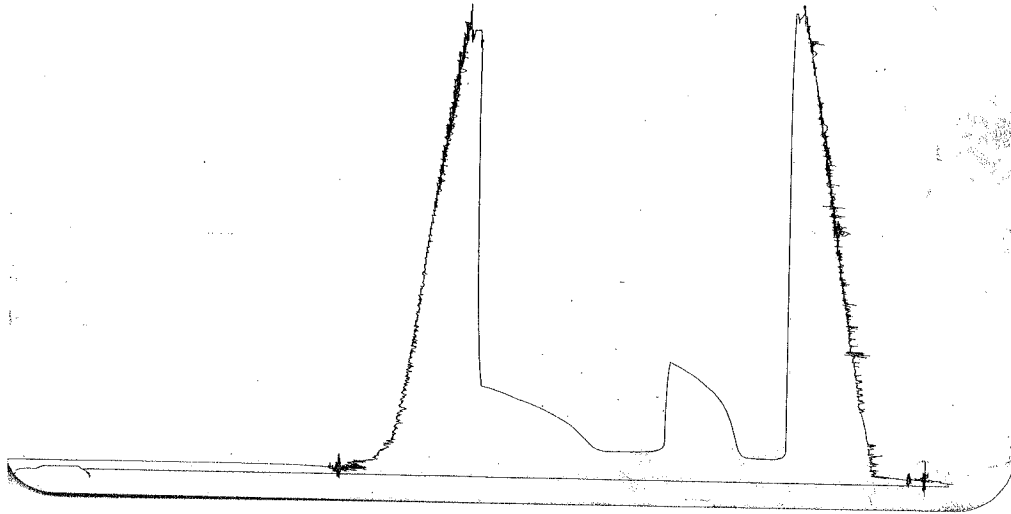
#1 ROSE "A"
 Formation: SDST #6 MORROW SAND 4,483' - 4,537'
 Job Number: P060

RAYMOND OIL COMPANY, INC.
 DST #6 MORROW SAND 4,483' - 4,537'
 Start Test Date: 2009/08/07
 Final Test Date: 2009/08/07

#1 ROSE "A"



DST # 6



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A) Initial Hydrostatic Mud	2169		2169	PSI
(B) First Initial Flow Pressure.....	15		15	PSI
(C) First Final Flow Pressure	50		50	PSI
(D) Initial Closed-in Pressure	563		563	PSI
(E) Second Initial Flow Pressure	53		53	PSI
(F) Second Final Flow Pressure.....	69		69	PSI
(G) Final Closed-in Pressure.....	416		416	PSI
(H) Final Hydrostatic Mud	2167		2167	PSI