

# DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21083.D72

Company Nor-West Kansas Oil, LLC Lease & Well No. R.K.D. No. 1  
 Elevation 2876 KB Formation Lansing/Kansas City "C" Effective Pay -- Ft. Ticket No. J1662  
 Date 5-7-05 Sec. 29 Twp. 9S Range 29W County Sheridan State Kansas  
 Test Approved By Patrick Wanker Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,994 ft. to 4,013 ft. Total Depth 4,013 ft.  
 Packer Depth 3,989 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
 Packer Depth 3,994 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
 Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 3,997 ft. Recorder Number 21083 Cap. 5,000 psi  
 Bottom Recorder Depth (Outside) 4,010 ft. Recorder Number 11073 Cap. 4,000 psi  
 Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Anderson Drilling Co. - Rig 1 Drill Collar Length -- ft. I.D. -- in.  
 Mud Type Chemical Viscosity 48 Weight Pipe Length -- ft. I.D. -- in.  
 Weight 9.0 Water Loss 7.0 cc. Drill Pipe Length 3,974 ft. I.D. 3 1/2 in.  
 Chlorides 1,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.  
 Jars: Make Bowen Serial Number Not Run Anchor Length 19 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 blow. Dead in 5 mins.  
 2nd Open: No blow. Flushed tool & received a weak surge.

Recovered 5 ft. of oil specked mud with a good show of oil in tool = .071000 bbls.  
 Recovered          ft. of           
 Recovered          ft. of           
 Recovered          ft. of           
 Recovered          ft. of         

Remarks         

Time Set Packer(s) 11:02 A.M. Time Started Off Bottom 1:02 P.M. Maximum Temperature 112°  
 Initial Hydrostatic Pressure          (A) 1934 P.S.I.  
 Initial Flow Period          Minutes 30 (B) 20 P.S.I. to (C) 22 P.S.I.  
 Initial Closed In Period          Minutes 30 (D) 246 P.S.I.  
 Final Flow Period          Minutes 30 (E) 23 P.S.I. to (F) 25 P.S.I.  
 Final Closed In Period          Minutes 30 (G) 87 P.S.I.  
 Final Hydrostatic Pressure          (H) 1920 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: NOR-WEST KANSAS OIL L.L.C

Contact: PAT WANKER

Phone: Fax: e-mail:

### Site Information:

Contact: KIT NOAH

Phone: Fax: e-mail:

### Well Information:

Name: R.K.D #1

Operator: NOR-WEST KANSAS OIL L.L.C

Location-Downhole: DST #1 3994-4013

Location-Surface: S29/9W/29S SHERIDAN COUNTY

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIT NOAH

Test Type: CONVENTIONAL Job Number: D72

Test Unit: 2

Start Date: 2005/07/05 Start Time: 09:16:00

End Date: 2005/07/05 End Time: 14:55:00

Report Date: 2005/05/05 Prepared By: JOHN RIEDL

Qualified By: KIT NOAH

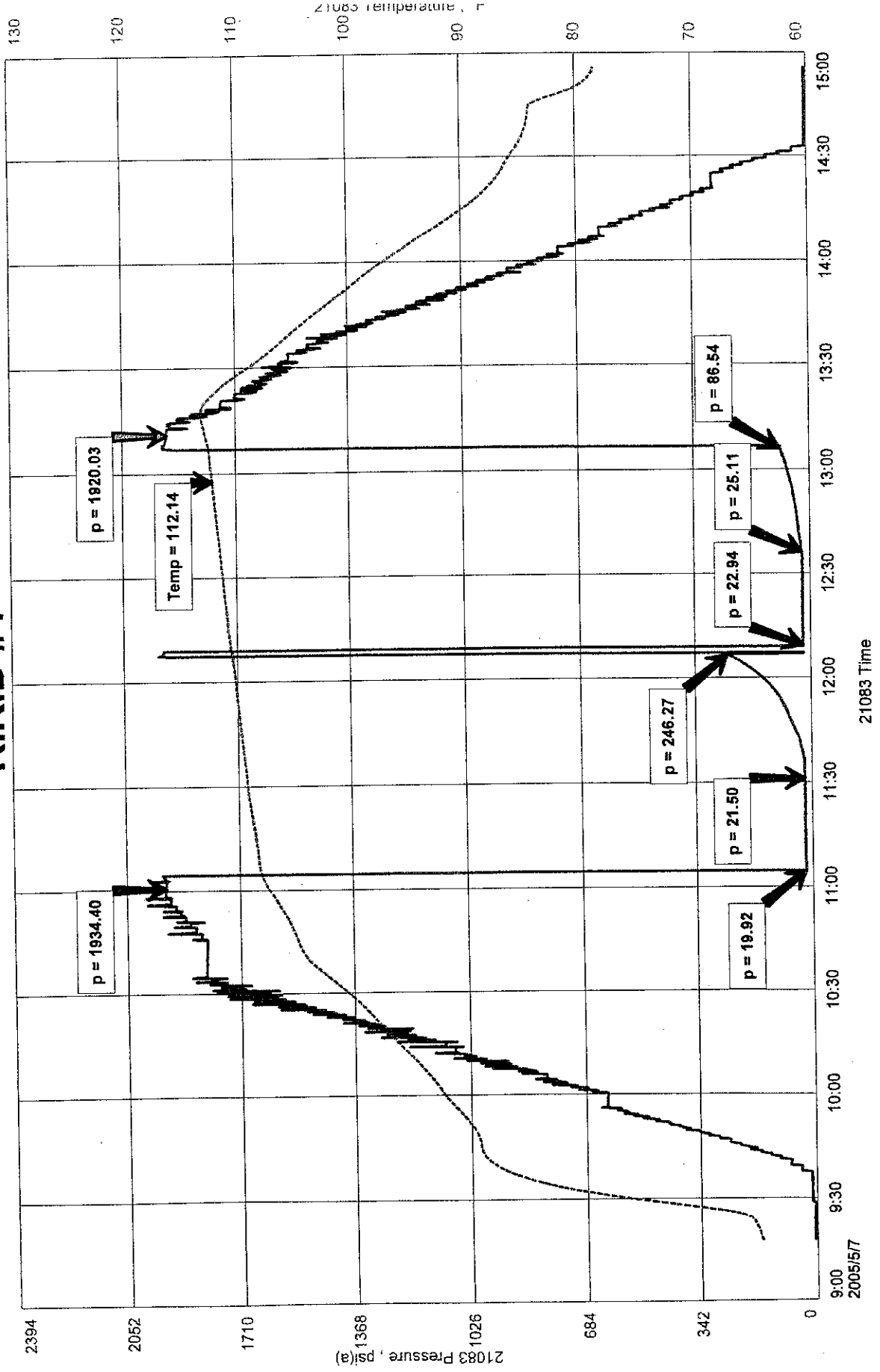
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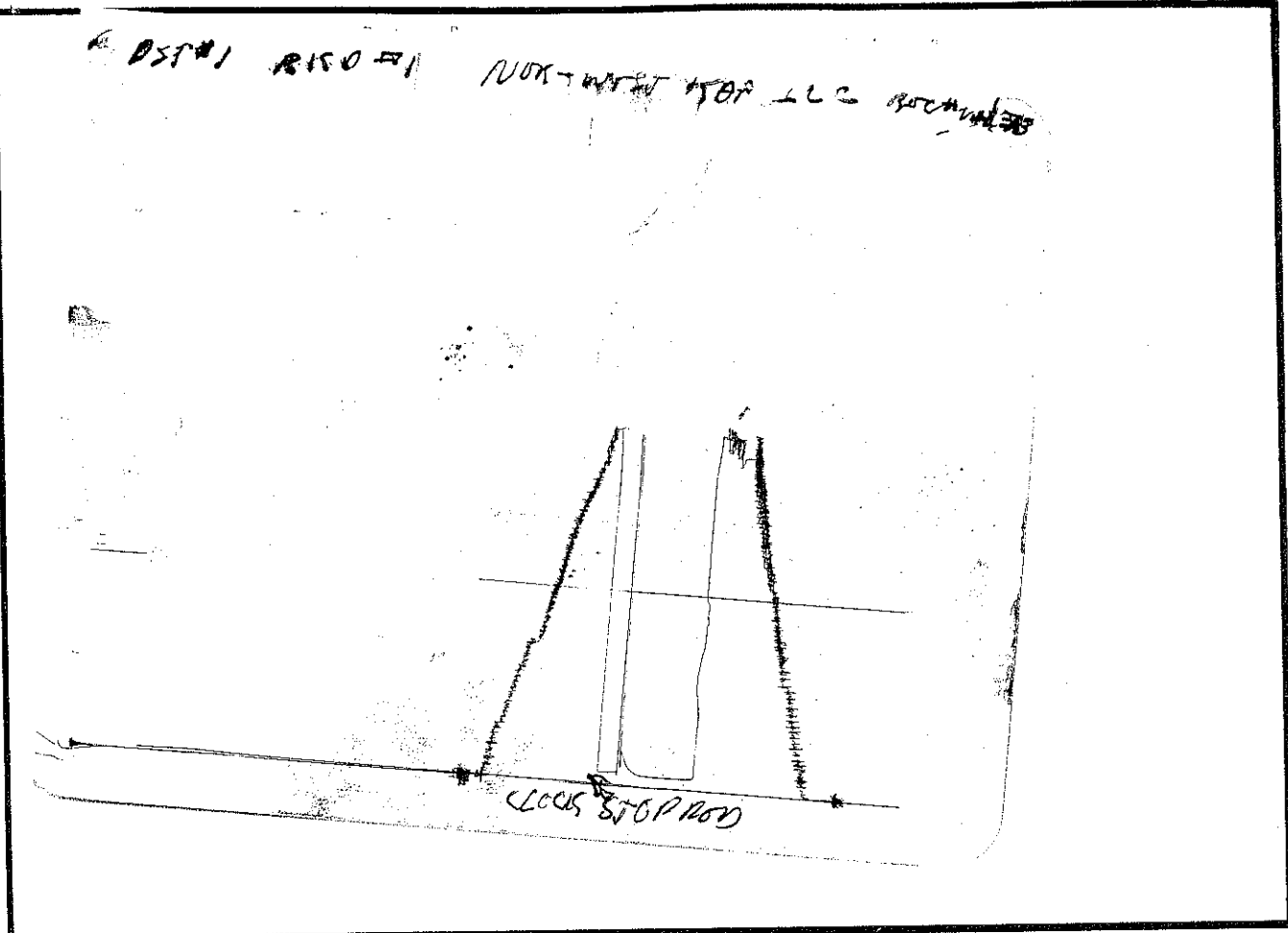
RECOVERY 5' OIL SPECKED MUD

NOR-WEST KANSAS OIL L.L.C  
DST #1 3994-4013  
Start Test Date: 2005/07/05  
Final Test Date: 2005/07/05

R.K.D.#  
Formation: LK  
Job Number: D7

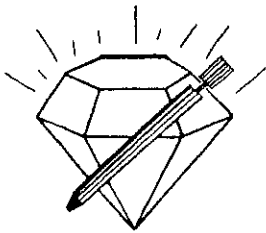
# R.K.D #1





This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud .....	1934	1934	PSI
(B) First Initial Flow Pressure.....	20	20	PSI
(C) First Final Flow Pressure .....	22	22	PSI
(D) Initial Closed-in Pressure .....	246	246	PSI
(E) Second Initial Flow Pressure .....	23	23	PSI
(F) Second Final Flow Pressure.....	25	25	PSI
(G) Final Closed-in Pressure.....	87	87	PSI
(H) Final Hydrostatic Mud.....	1920	1920	PSI



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 \* (800) 542-7313
STC 21083.D73

Company Nor-West Kansas Oil, LLC Lease & Well No. R.K.D. No. 1
Elevation 2876 KB Formation Lansing/Kansas City "E" - "F" Effective Pay -- Ft. Ticket No. J1663
Date 5-8-05 Sec. 29 Twp. 9S Range 29W County Sheridan State Kansas
Test Approved By Kitt Noah Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 4,013 ft. to 4,058 ft. Total Depth 4,058 ft.
Packer Depth 4,008 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,013 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,016 ft. Recorder Number 21083 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,055 ft. Recorder Number 11073 Cap. 4,000 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Anderson Drilling Co. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 48 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.0 Water Loss 8.0 cc. Drill Pipe Length 3,993 ft. I.D. 3 1/2 in.
Chlorides 1,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number Not Run Anchor Length 45 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 blow. Slowly building to 2 ins.
2nd Open: Weak blow. Slowly building to 1 1/2 ins.

Recovered 2 ft. of free oil = .028400 bbls.
Recovered 100 ft. of muddy water = 1.420000 bbls. (Grind out: 25%-mud; 75%-water) Chlorides: 35,000 Ppm
Recovered 102 ft. of TOTAL FLUID = 1.448400 bbls.
Recovered ft. of
Recovered ft. of

Remarks

Time Set Packer(s) 4:05 A.M. P.M. Time Started Off Bottom 7:35 A.M. P.M. Maximum Temperature 118°
Initial Hydrostatic Pressure (A) 1956 P.S.I.
Initial Flow Period Minutes 45 (B) 36 P.S.I. to (C) 61 P.S.I.
Initial Closed In Period Minutes 60 (D) 1277 P.S.I.
Final Flow Period Minutes 45 (E) 64 P.S.I. to (F) 83 P.S.I.
Final Closed In Period Minutes 60 (G) 1266 P.S.I.
Final Hydrostatic Pressure (H) 1939 P.S.I.

## GENERAL INFORMATION

### Client Information:

Company: NOR-WEST KANSAS OIL L.L.C

Contact: PAT WANKER

Phone: Fax: e-mail:

### Site Information:

Contact: KIT NOAH

Phone: Fax: e-mail:

### Well Information:

Name: R.K.D #1

Operator: NOR-WEST KANSAS OIL L.L.C

Location-Downhole: DST #2 4013-4058

Location-Surface: S29/9S/29W SHERIDAN

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIT NOAH

Test Type: CONVENTIONAL Job Number: D73

Test Unit: 2

Start Date: 2005/08/05 Start Time: 02:05:00

End Date: 2005/08/05 End Time: 09:41:00

Report Date: 2005/08/05 Prepared By: JOHN RIEDL

Qualified By: KIT NOAH

### Remarks:

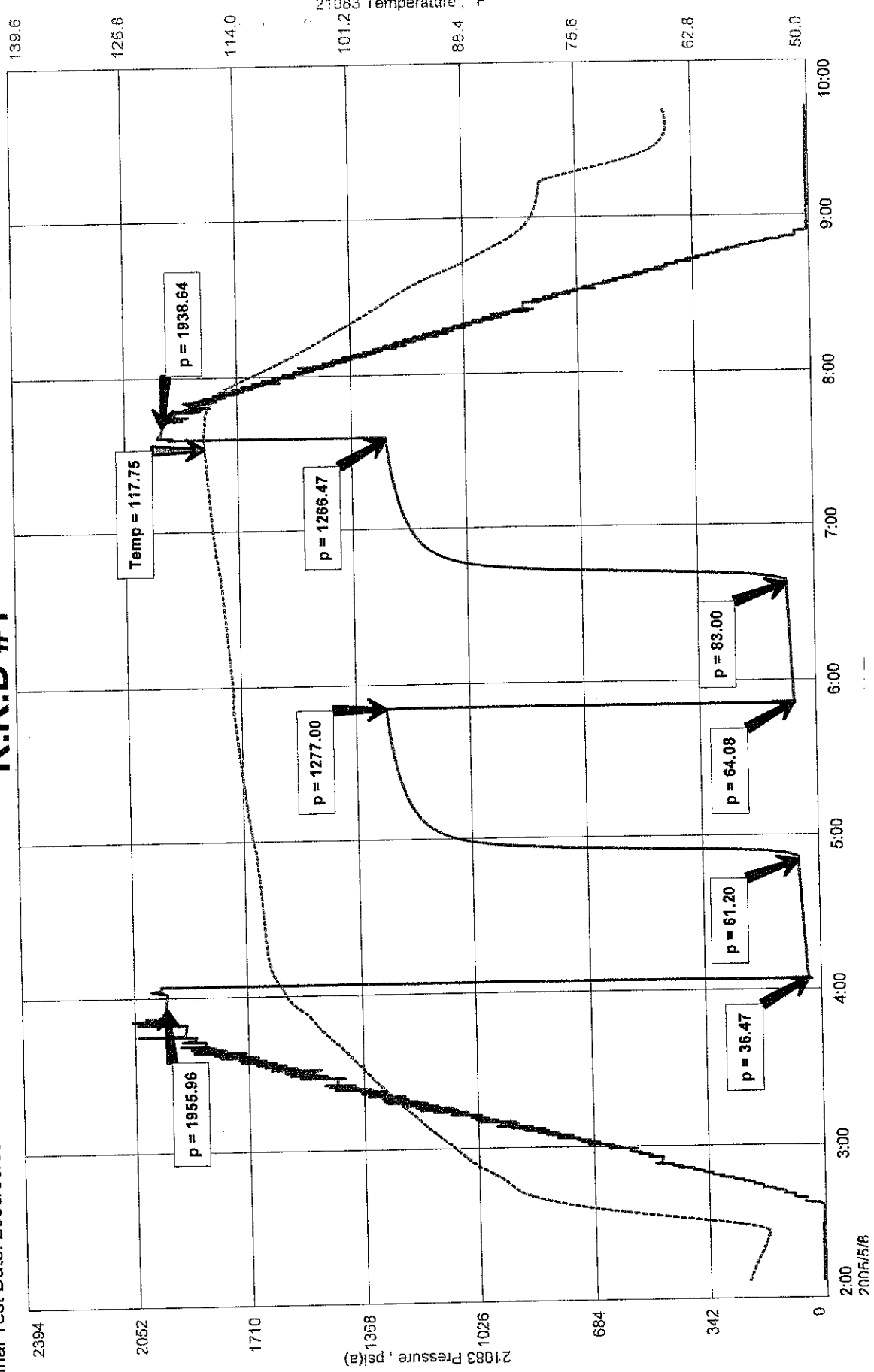
REC: 2' FREE OIL  
100' MUDDY WATER (25%MUD 75%WATER) CHLORIDES 35,000Ppm



NOR-WEST KANSAS OIL L.L.C  
DST #2 4013-4058  
Start Test Date: 2005/08/05  
Final Test Date: 2005/08/05

R.K.D.#1  
Formation: LKC "D-F"  
Job Number: D73

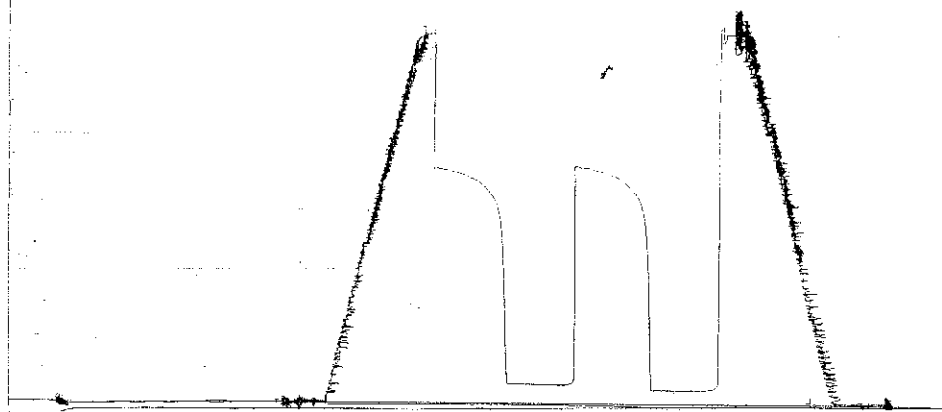
# R.K.D #1



NORWEST OIL  
RKP #1

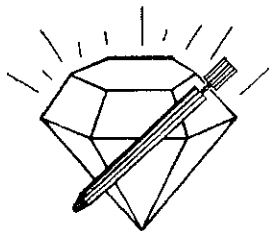
DST #2

REG 11073  
5/22/88  
LOG 4885



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	1956	1956	1956	PSI
(B) First Initial Flow Pressure	36	36	36	PSI
(C) First Final Flow Pressure	61	61	61	PSI
(D) Initial Closed-in Pressure	1277	1277	1277	PSI
(E) Second Initial Flow Pressure	64	64	64	PSI
(F) Second Final Flow Pressure	83	83	83	PSI
(G) Final Closed-in Pressure	1266	1266	1266	PSI
(H) Final Hydrostatic Mud	1939	1939	1939	PSI



# DIAMOND TESTING

P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 21083.D74

Company Nor-West Kansas Oil, LLC Lease & Well No. R.K.D. No. 1  
Elevation 2876 KB Formation Lansing/Kansas City "I" - "J" Effective Pay -- Ft. Ticket No. J1664  
Date 5-9-05 Sec. 29 Twp. 9S Range 29W County Sheridan State Kansas  
Test Approved By Kitt Noah Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 4,124 ft. to 4,176 ft. Total Depth 4,176 ft.

Packer Depth 4,119 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,124 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 4,127 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,173 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Anderson Drilling Co. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 54 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.3 Water Loss 8.0 cc. Drill Pipe Length 4,104 ft. I.D. 3 1/2 in.

Chlorides 1,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 52 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 decreasing to 1/4 in.  
2nd Open: No blow.

Recovered 10 ft. of drilling mud = .142000 bbls.

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Recovered          ft. of         

Remarks         

Time Set Packer(s) 3:37 A.M. Time Started Off Bottom 6:07 P.M. Maximum Temperature 114°

Initial Hydrostatic Pressure          (A) 2025 P.S.I.

Initial Flow Period          Minutes 30 (B) 21 P.S.I. to (C) 23 P.S.I.

Initial Closed In Period          Minutes 45 (D) 148 P.S.I.

Final Flow Period          Minutes 30 (E) 22 P.S.I. to (F) 24 P.S.I.

Final Closed In Period          Minutes 45 (G) 87 P.S.I.

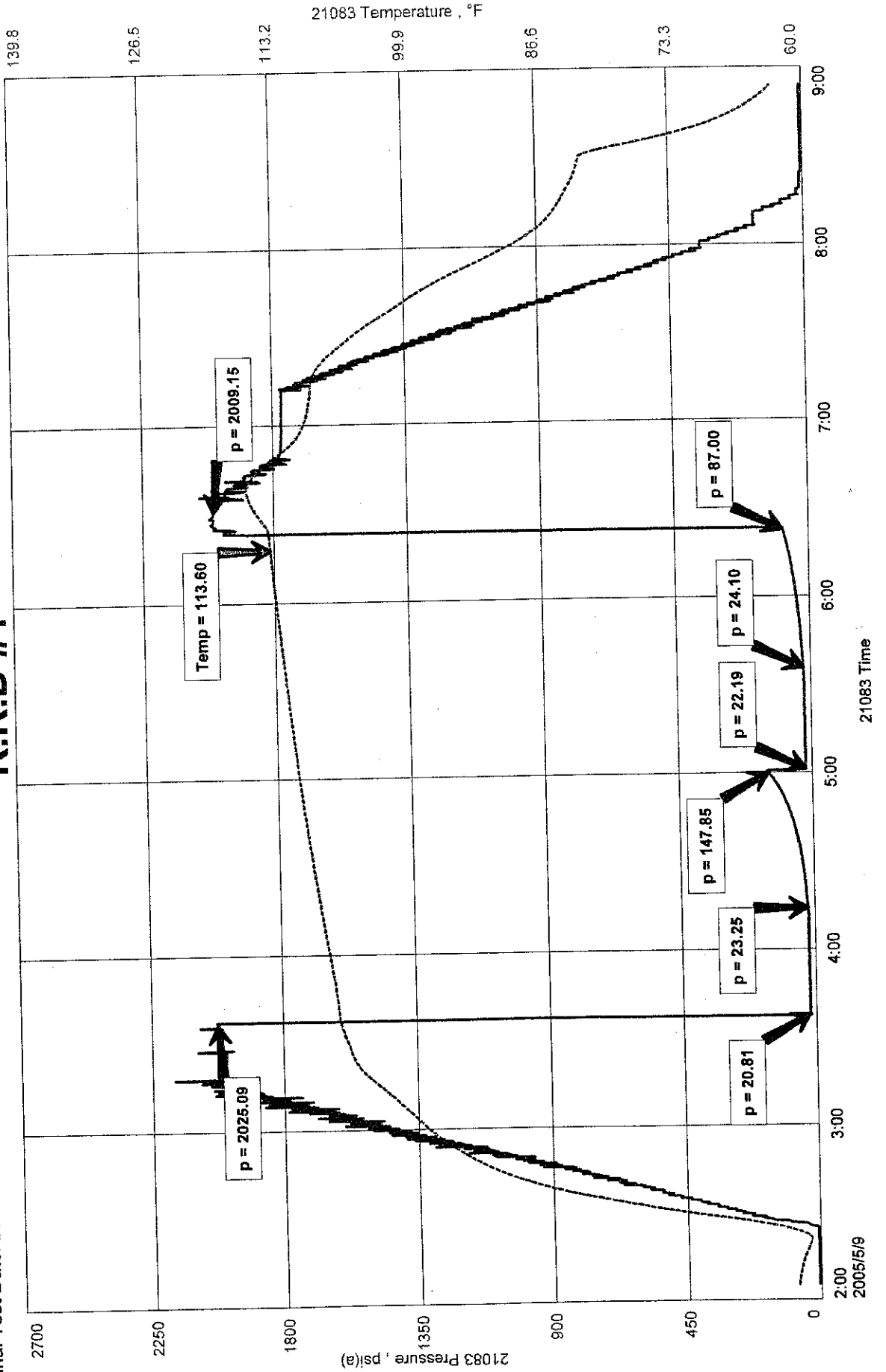
Final Hydrostatic Pressure          (H) 2009 P.S.I.



R.K.D.#1  
Formation: LKC "I,J"  
Job Number: D74

NOR-WEST KANSAS OIL L.L.C  
DST# 4124-4176  
Start Test Date: 2005/09/05  
Final Test Date: 2005/09/05

# R.K.D.#1



21083 Temperature, °F

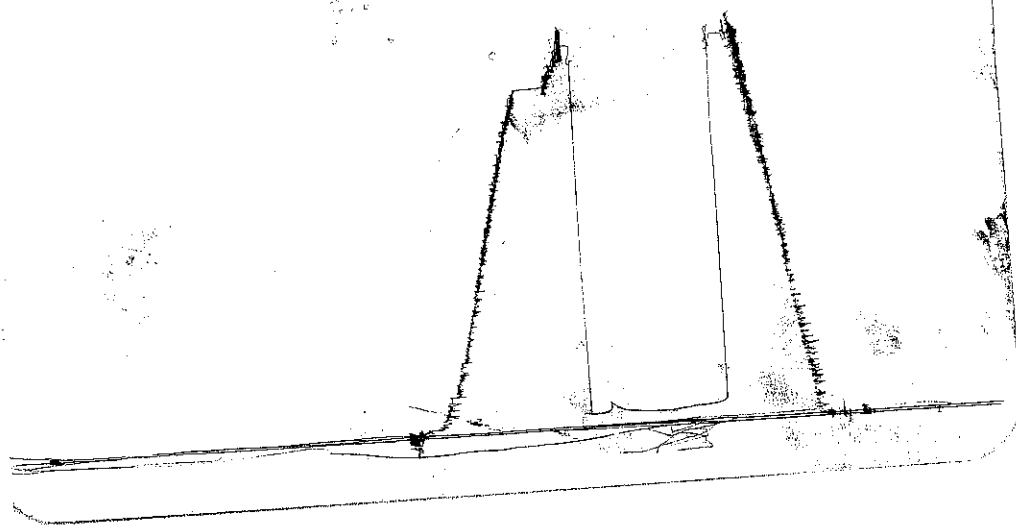
21083 Pressure, psia

21083 Time

2005/5/9

NOR-WEST KS OIL ASST #3  
RSCP #1

RFC #11873  
OUTSIDE  
LOC 4173



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	2025	2025	PSI
(B) First Initial Flow Pressure	21	21	PSI
(C) First Final Flow Pressure	23	23	PSI
(D) Initial Closed-in Pressure	148	148	PSI
(E) Second Initial Flow Pressure	22	22	PSI
(F) Second Final Flow Pressure	24	24	PSI
(G) Final Closed-in Pressure	87	87	PSI
(H) Final Hydrostatic Mud	2009	2009	PSI