



15-009-24876

1-18s-14w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21083.D154

Page 1 of 2 Pages

Company L.D. Drilling, Inc. Lease & Well No. Van Winkle No. 1
Elevation 1840EGL Formation Lansing/Kansas City Effective Pay -- Ft. Ticket No. J1744
Date 9-26-05 Sec. 1 Twp. 18S Range 14W County Barton State Kansas
Test Approved By Jim Musgrove Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,096 ft. to 3,164 ft. Total Depth 3,164 ft.

Packer Depth 3,091 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,096 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,099 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,161 ft. Recorder Number 11017 Cap. 4,000 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 44 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 10.4 cc. Drill Pipe Length 3,076 ft. I.D. 3 1/2 in.

Chlorides 3,200 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 68 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: Not Run.

Recovered 5 ft. of drilling mud with some oil specks = .051300 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 1:20 A.M. Time Started Off Bottom 1:50 P.M. Maximum Temperature 101°

Initial Hydrostatic Pressure (A) 1507 P.S.I.

Initial Flow Period Minutes 15 (B) 20 P.S.I. to (C) 22 P.S.I.

Initial Closed In Period Minutes 15 (D) 100 P.S.I.

Final Flow Period Minutes -- (E) -- P.S.I. to (F) -- P.S.I.

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

Final Hydrostatic Pressure (H) 1475 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L. D. DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: VAN WINKLE #1

Operator: L D DRILLING INC

Location-Downhole: DST #1 3096 TO 3164

Location-Surface: S1/18S/14W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D154

Test Unit: 2

Start Date: 2005/09/26

Start Time: 11:32:00

End Date: 2005/09/27

End Time: 03:20:00

Report Date: 2005/09/27

Prepared By: JOHN RIEDL

Remarks:

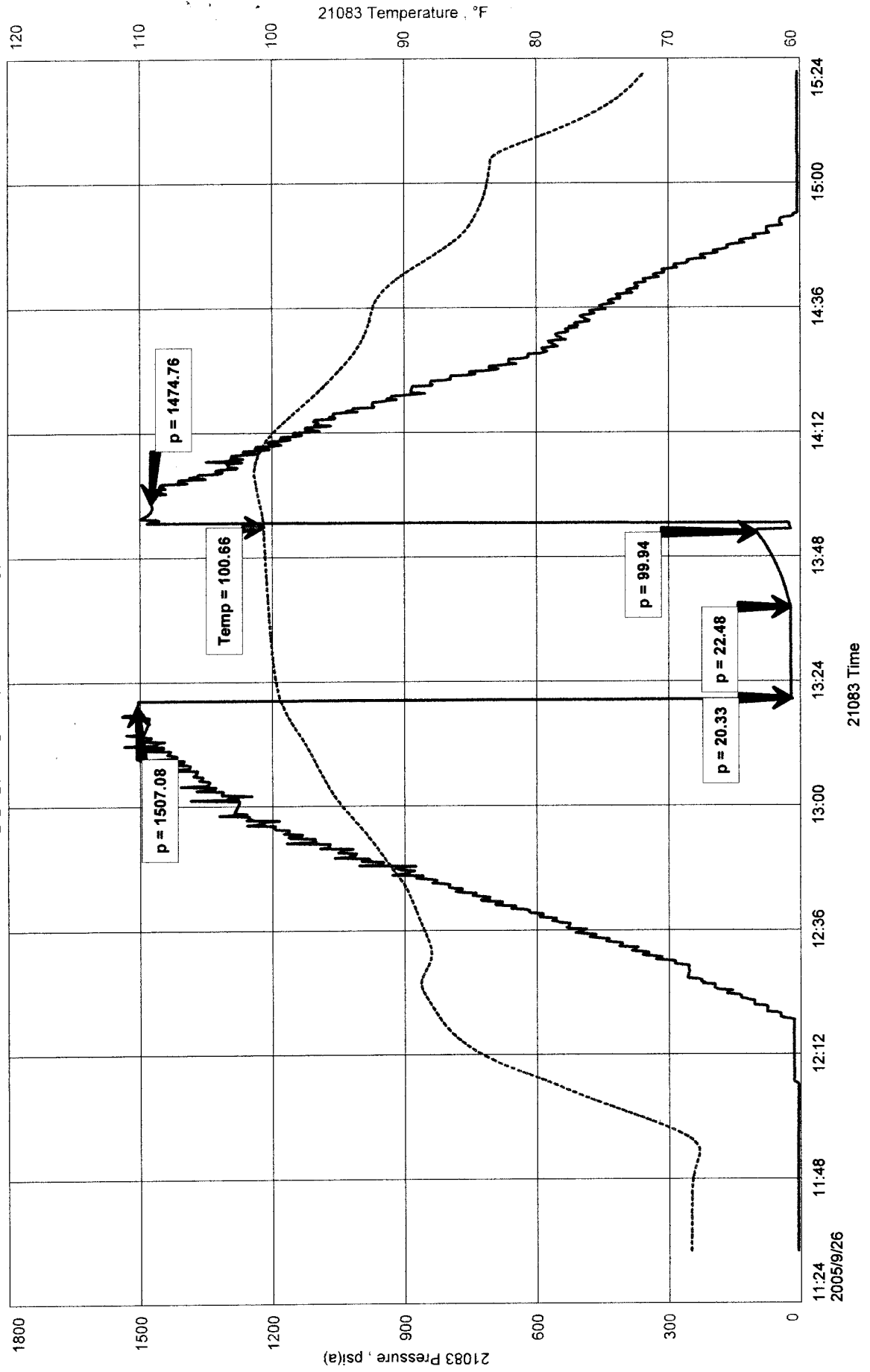
Qualified By: JIM MUSGROVE

RECOVERY: 5' DRILLING MUD WITH SOME OIL SPECKS

VAN WINKLE #1
Formation: LKC
Job Number: D154

LD DRILLING INC
DST #1 3096 TO 3164
Start Test Date: 2005/09/26
Final Test Date: 2005/09/27

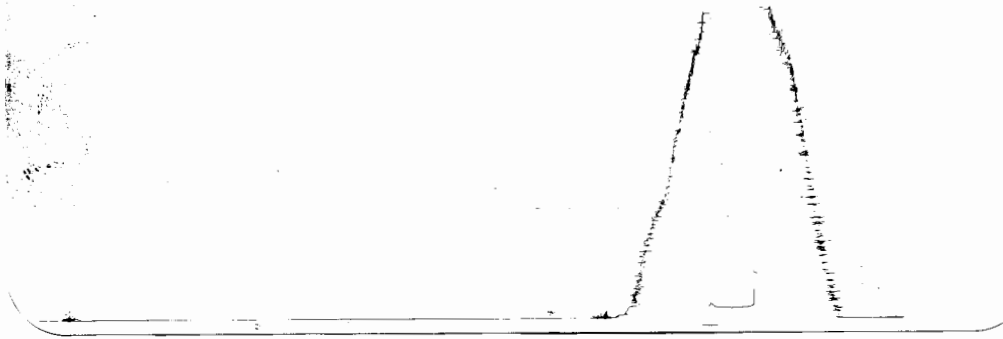
VAN WINKLE #1



4.0
VAN WINKLE #1

DSP #1

REC # H812
0098100
LOG 3161



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1507	1507
(B) First Initial Flow Pressure	20	20
(C) First Final Flow Pressure	22	22
(D) Initial Closed-in Pressure	100	100
(E) Second Initial Flow Pressure	--	--
(F) Second Final Flow Pressure	--	--
(G) Final Closed-in Pressure	--	--
(H) Final Hydrostatic Mud	1475	1475

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DIAMOND TESTING

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STC 21083.D155

Page 1 of 2 Pages

Company L.D. Drilling, Inc. Lease & Well No. Van Winkle No. 1
Elevation 1840EGL Formation Lansing/Kansas City Effective Pay -- Ft. Ticket No. J1745
Date 9-27-05 Sec. 1 Twp. 18S Range 14W County Barton State Kansas
Test Approved By Jim Musgrove Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,158 ft. to 3,195 ft. Total Depth 3,195 ft.

Packer Depth 3,153 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,158 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,161 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,192 ft. Recorder Number 11017 Cap. 4,000 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 43 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 9.0 cc. Drill Pipe Length 3,138 ft. I.D. 3 1/2 in.

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

Jars: Make Bowen Serial Number Not Run Anchor Length 37 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 10 mins.

2nd Open: Not Run.

Recovered 20 ft. of oil specked water cut mud = .205200 bbls. (Grind out: 20%-water; 80%-mud) Chlorides: 35,000 Ppm

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 10:40 A.M. Time Started Off Bottom 11:20 A.M. Maximum Temperature 100°

Initial Hydrostatic Pressure (A) 1540 P.S.I.

Initial Flow Period Minutes 15 (B) 21 P.S.I. to (C) 28 P.S.I.

Initial Closed In Period Minutes 15 (D) 511 P.S.I.

Final Flow Period Minutes -- (E) -- P.S.I. to (F) -- P.S.I.

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

Final Hydrostatic Pressure (H) 1507 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L. D. DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: VAN WINKLE #1

Operator: L D DRILLING INC

Location-Downhole: DST #2 3158 TO 3195

Location-Surface: S1/18S/14W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D155

Test Unit: 2

Start Date: 2005/09/27

Start Time: 09:00:00

End Date: 2005/09/27

End Time: 12:50:00

Report Date: 2005/09/27

Prepared By: JOHN RIEDL

Remarks:

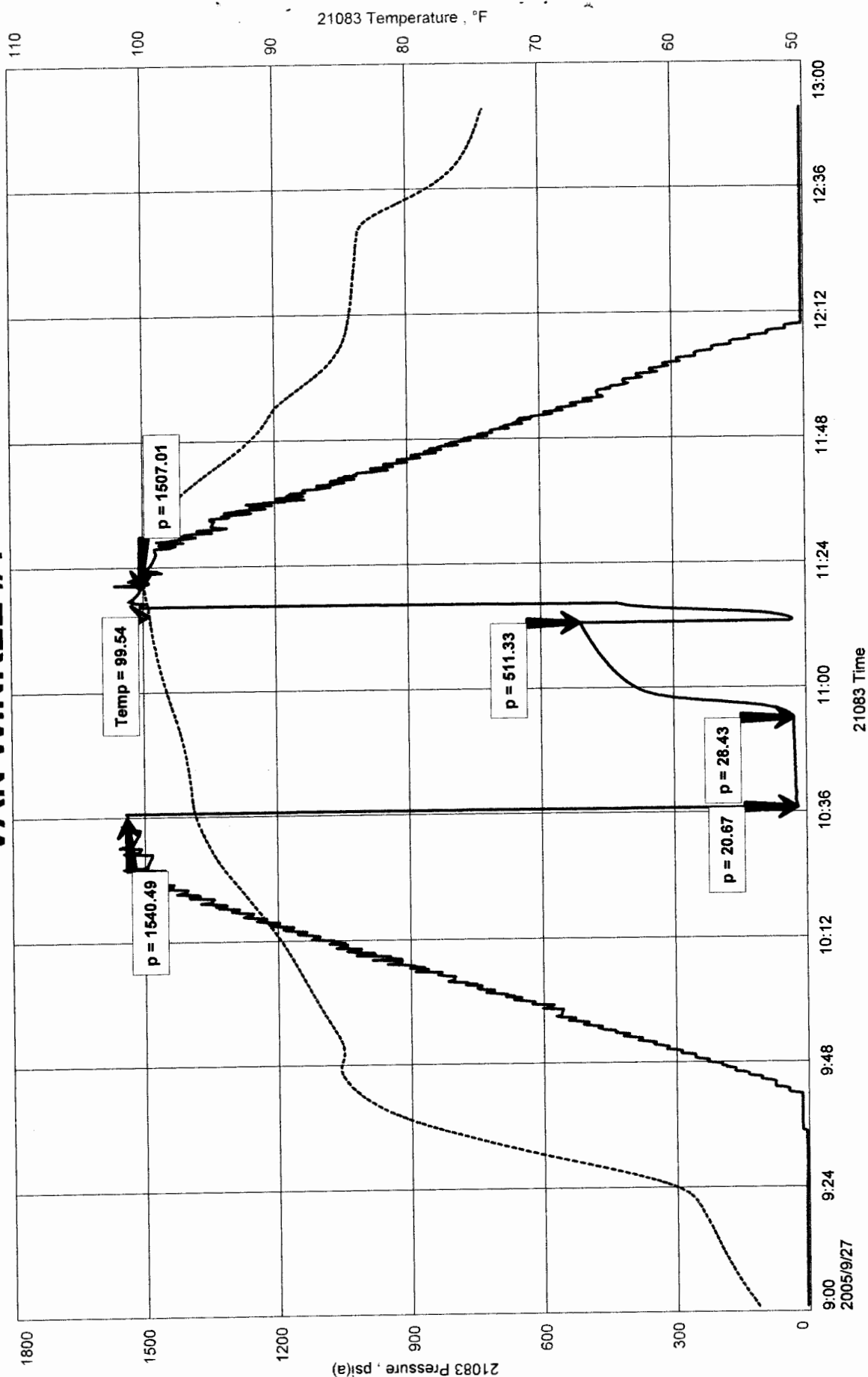
Qualified By: JIM MUSGROVE

RECOVERY: 20' OIL SPECKED WATERY MUD (20%WATER 80%MUD) CHLORIDES 35,000Ppm

VAN WINKLE #1
 Formation: LKC
 Job Number: D155

LD DRILLING INC
 DST #2 3158 TO 3195
 Start Test Date: 2005/09/27
 Final Test Date: 2005/09/27

VAN WINKLE #1



C.R. DST #2 ROE #11017
 VAN WINKLE CO. CUPS 100



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1540	1540
(B) First Initial Flow Pressure	21	21
(C) First Final Flow Pressure	28	28
(D) Initial Closed-in Pressure	511	511
(E) Second Initial Flow Pressure	--	--
(F) Second Final Flow Pressure	--	--
(G) Final Closed-in Pressure	--	--
(H) Final Hydrostatic Mud	1507	1507

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STC 21083.D156

Page 1 of 2 Pages

Company L.D. Drilling, Inc. Lease & Well No. Van Winkle No. 1
Elevation 1840EGL Formation Arbuckle Effective Pay Ft. Ticket No. J1746
Date 9-28-05 Sec. 1 Twp. 18S Range 14W County Barton State Kansas
Test Approved By Jim Musgrove Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,298 ft. to 3,330 ft. Total Depth 3,330 ft.

Packer Depth 3,293 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3,298 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,301 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,327 ft. Recorder Number 11017 Cap. 4,000 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 45 Weight Pipe Length ft. I.D. in.

Weight 9.2 Water Loss 11.0 cc. Drill Pipe Length 3,278 ft. I.D. 3 1/2 in.

Chlorides 3,500 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 32 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: Strong blow. Off bottom of bucket in 15 mins. Weak blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 35 mins. Weak blow back during shut-in.

Recovered 390 ft. of gas in pipe

Recovered 220 ft. of clean gassy oil = 2.257200 bbls.

Recovered 120 ft. of mud cut frothy oil = 1.231200 bbls. (Grind out: 20%-mud; 25%-gas; 55%-oil)

Recovered 340 ft. of TOTAL FLUID = 3.488400 bbls.

Recovered ft. of

Remarks

Time Set Packer(s) 2:40 AM. P.M. Time Started Off Bottom 5:40 AM. P.M. Maximum Temperature 108°

Initial Hydrostatic Pressure (A) 1621 P.S.I.

Initial Flow Period Minutes 45 (B) 27 P.S.I. to (C) 83 P.S.I.

Initial Closed In Period Minutes 45 (D) 959 P.S.I.

Final Flow Period Minutes 45 (E) 86 P.S.I. to (F) 127 P.S.I.

Final Closed In Period Minutes 45 (G) 872 P.S.I.

Final Hydrostatic Pressure (H) 1587 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L.D. DAVIS

Phone:

Fax:

e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone:

Fax:

e-mail:

Well Information:

Name: VAN WINKLE #1

Operator: L D DRILLING INC

Location-Downhole: DST #3 3298-3330

Location-Surface: S1/18S/14W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D156

Test Unit: 2

Start Date: 2005/09/28

Start Time: 01:11:00

End Date: 2005/09/28

End Time: 20:00:00

Report Date: 2005/09/28

Prepared By: JOHN RIEDL

Remarks:

Qualified By: JIM MUSGROVE

RECOVERY: 390' GIP

220' CLEAN GASSY OIL

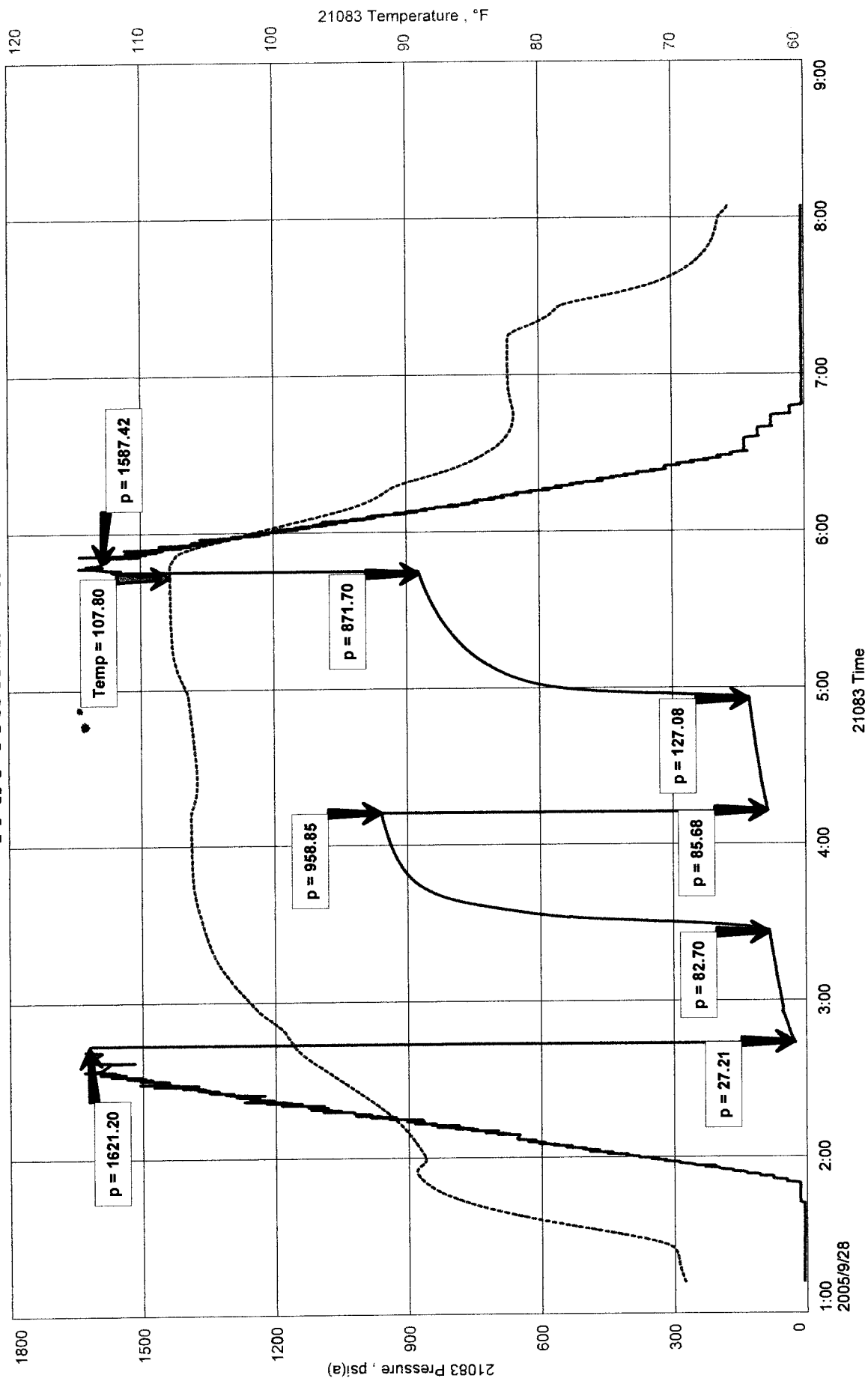
120' MUD CUT FROTHY OIL (20%MUD 25%GAS 55%OIL)

340' TOTAL FLUID RECOVERY IN DRILL PIPE

VAN WINKLE #1
Formation: ARBUCKLE
Job Number: D156

LD DRILLING INC
DST #3 3298-3330
Start Test Date: 2005/09/28
Final Test Date: 2005/09/28

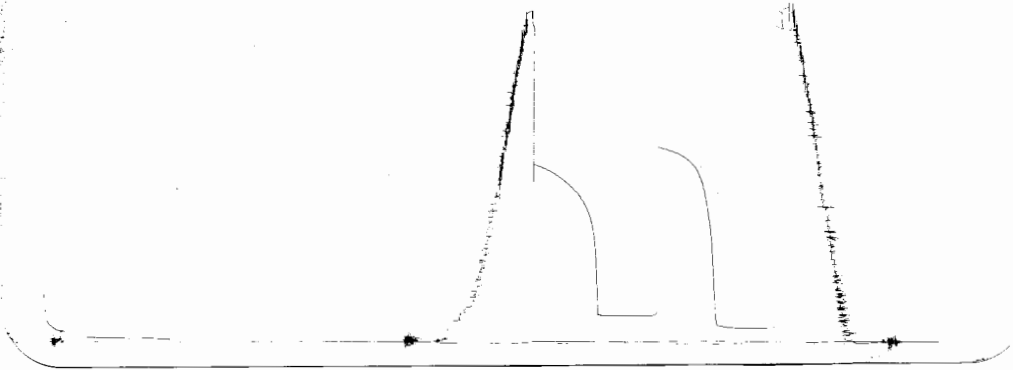
VAN WINKLE #1



L.D.
VAN WINKLE #2

OST #3

ROC #11017
OUTSIDE
LOC 3227



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1621	1621
(B) First Initial Flow Pressure	27	27
(C) First Final Flow Pressure	83	83
(D) Initial Closed-in Pressure	959	959
(E) Second Initial Flow Pressure	86	86
(F) Second Final Flow Pressure	127	127
(G) Final Closed-in Pressure	872	872
(H) Final Hydrostatic Mud	1587	1587

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