

15-185-23568

33-225-11w



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D008

Company L. D. Drilling, Inc. Lease & Well No. Randy No. 3

Elevation 1806 KB Formation Lansing Effective Pay Ft. Ticket No. T008

Date 3-7-09 Sec. 33 Twp. 22S Range 11W County Stafford State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Tim Venters

Formation Test No. 1 Interval Tested from 3,262 ft. to 3,327 ft. Total Depth 3,327 ft.

Packer Depth 3,257 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3,262 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,263 ft. Recorder Number 30046 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,324 ft. Recorder Number 13386 Cap. 5,750 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

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

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

Weight 9.2 Water Loss 10.4 cc. Drill Pipe Length 3,242 ft. I.D. 3 1/2 in.

Chlorides 8,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 Anchor Length 34' 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 building to 5 1/2 ins. No blow back during shut-in.

2nd Open: Weak, surface blow building to 4 ins. No blow back during shut-in.

Recovered 60 ft. of very slightly oil cut mud = .615600 bbls. (Grind out: 1%-oil; 99%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 2%-oil; 98%-mud

Time Set Packer(s) 2:14 ^{XXM.} P.M. Time Started Off Bottom 5:14 ^{XXM.} P.M. Maximum Temperature 101°

Initial Hydrostatic Pressure (A) 1562 P.S.I.

Initial Flow Period Minutes 30 (B) 16 P.S.I. to (C) 32 P.S.I.

Initial Closed In Period Minutes 45 (D) 849 P.S.I.

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

Final Closed In Period Minutes 60 (G) 816 P.S.I.

Final Hydrostatic Pressure (H) 1558 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	P008
Well Name	RANDY #3	Representative	TIM VENTERS
Unique Well ID	DST #1 LANSING 3262-3327	Well Operator	L.D. DRILLING, INC.
Surface Location	33-22S-11W	Report Date	2009/03/07
Well License Number		Prepared By	TIM VENTERS
Field	WHITE CLOUD		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #1 LANSING 3262-3327		
Well Fluid Type	01 Oil	Start Test Time	11:55:00
		Final Test Time	10:02:00
Start Test Date	2009/03/07		
Final Test Date	2009/03/07		
Gauge Name	30046		
Gauge Serial Number			

Test Results

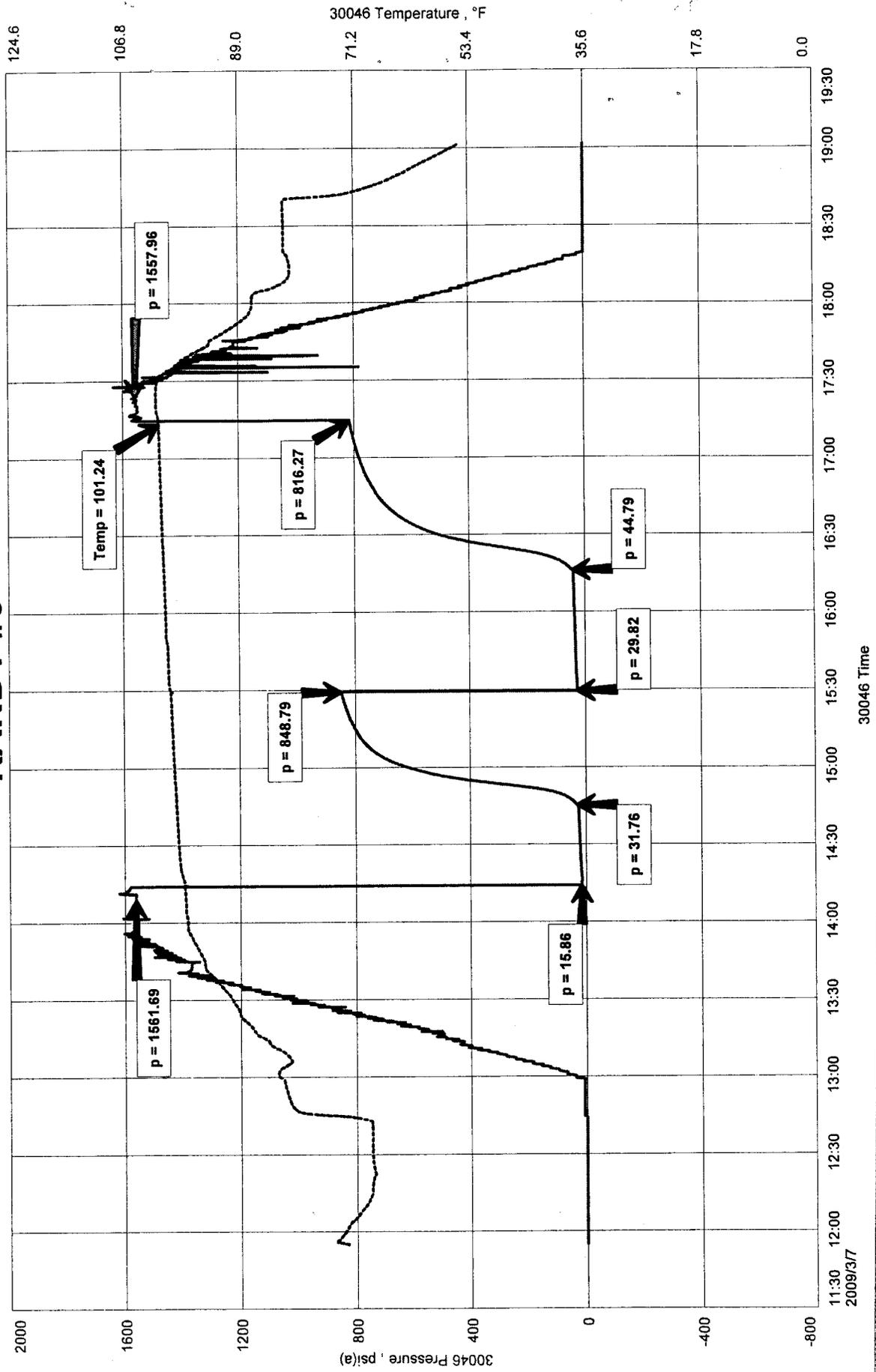
RECOVERED: 60' VERY SLIGHT OIL CUT MUD 1% OIL 99% MUD

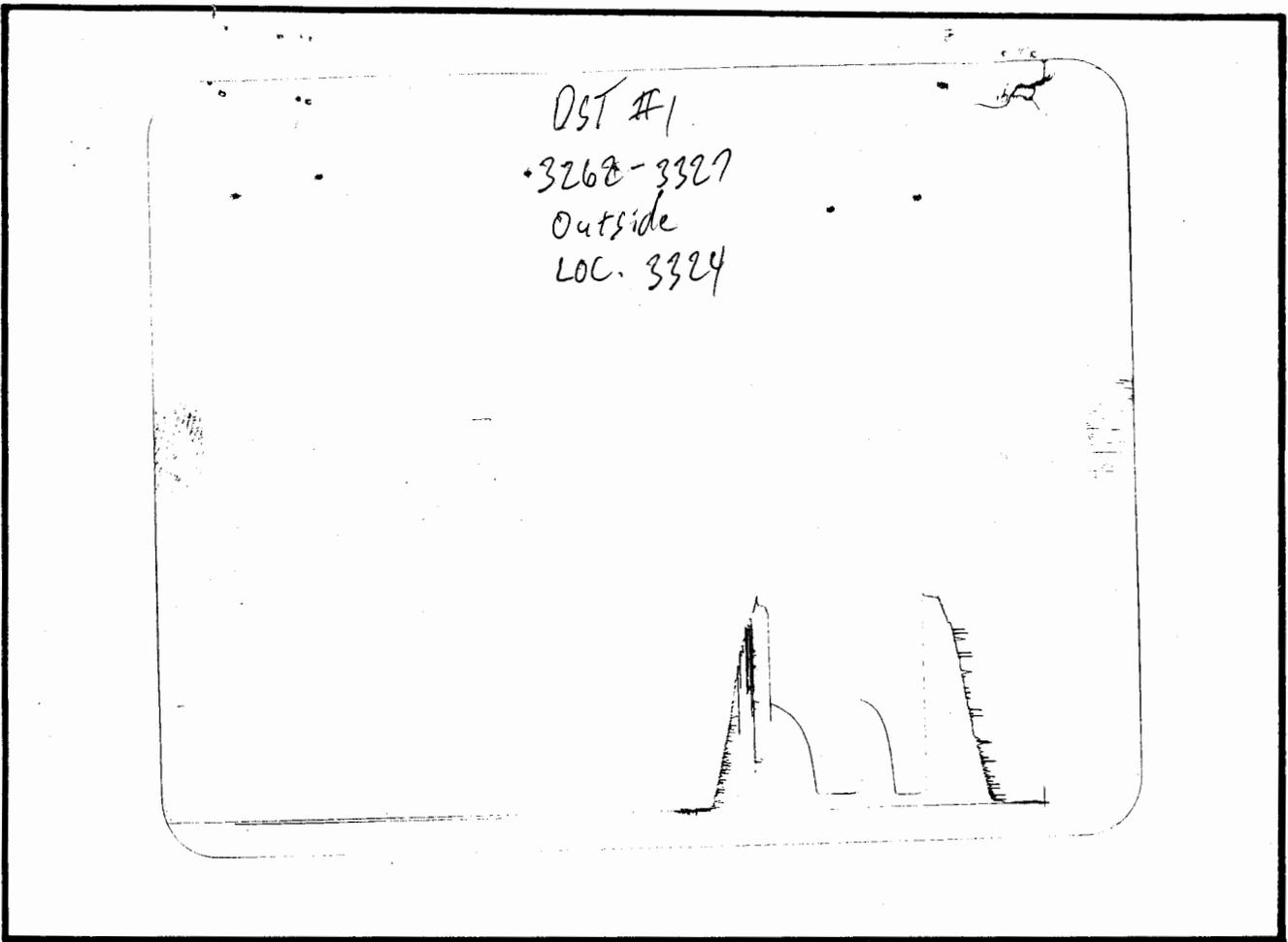
TOOL SAMPLE: 2% OIL 98% MUD

RANDY #3
 Formation: DST #1 LANSING 3262-3327
 Pool: WILDCAT
 Job Number: P008

L.D. DRILLING, INC.
 DST #1 LANSING 3262-3327
 Start Test Date: 2009/03/07
 Final Test Date: 2009/03/07

RANDY #3





This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1562	1562	PSI
(B) First Initial Flow Pressure.....	16	16	PSI
(C) First Final Flow Pressure	32	32	PSI
(D) Initial Closed-in Pressure	849	849	PSI
(E) Second Initial Flow Pressure.....	30	30	PSI
(F) Second Final Flow Pressure.....	45	45	PSI
(G) Final Closed-in Pressure.....	816	816	PSI
(H) Final Hydrostatic Mud.....	1558	1558	PSI



15-185-23568-0000

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D009

Company L. D. Drilling, Inc. Lease & Well No. Randy No. 3
Elevation 1806 KB Formation Simpson Effective Pay -- Ft. Ticket No. T009
Date 3-8-09 Sec. 33 Twp. 22S Range 11W County Stafford State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Tim Venters

Formation Test No. 2 Interval Tested from 3,578 ft. to 3,630 ft. Total Depth 3,630 ft.
Packer Depth 3,573 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,578 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,579 ft. Recorder Number 30046 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,627 ft. Recorder Number 13386 Cap. 5,750 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 46 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.4 Water Loss 12.0 cc. Drill Pipe Length 3,558 ft. I.D. 3 1/2 in.
Chlorides 10,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 -IF in.
Jars: Make Sterling Serial Number 3 Anchor Length 21' perf. w/31' drill pipe Size 4 1/2 -FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7/8 in. Tool Joint Size 4 1/2 -XH in.

Blow: 1st Open: 1 in. blow, building. Off bottom of bucket in 23 mins. No blow back during shut-in.
2nd Open: 4 in. blow, building. Off bottom of bucket in 39 mins. No blow back during shut-in.

Recovered 225 ft. of gas in pipe
Recovered 25 ft. of very slightly oil cut mud = .256500 bbls. (Grind out: 4%-oil; 96%-mud)
Recovered 25 ft. of TOTAL FLUID = .256500 bbls.
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 7%-oil; 96%-mud

Time Set Packer(s) 5:50 ~~AM~~ P.M. Time Started Off Bottom 8:50 ~~AM~~ P.M. Maximum Temperature 104°
Initial Hydrostatic Pressure (A) 1729 P.S.I.
Initial Flow Period Minutes 30 (B) 13 P.S.I. to (C) 20 P.S.I.
Initial Closed In Period Minutes 45 (D) 111 P.S.I.
Final Flow Period Minutes 45 (E) 18 P.S.I. to (F) 34 P.S.I.
Final Closed In Period Minutes 60 (G) 245 P.S.I.
Final Hydrostatic Pressure (H) 1723 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	POO9
Well Name	RANDY #3	Representative	TIM VENTERS
Unique Well ID	DST #2 SIMPSON 3578-3630	Well Operator	L.D. DRILLING, INC.
Surface Location	33-22S-11W STAFFORD COUNTY	Report Date	2009/03/08
Well License Number		Prepared By	TIM VENTERS
Field	WHITE CLOUD		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #2 SIMPSON 3578-3630		
Well Fluid Type	01 Oil	Start Test Time	16:07:00
		Final Test Time	22:31:00
Start Test Date	2009/03/08		
Final Test Date	2009/03/08		
Gauge Name	30046		
Gauge Serial Number			

Test Results

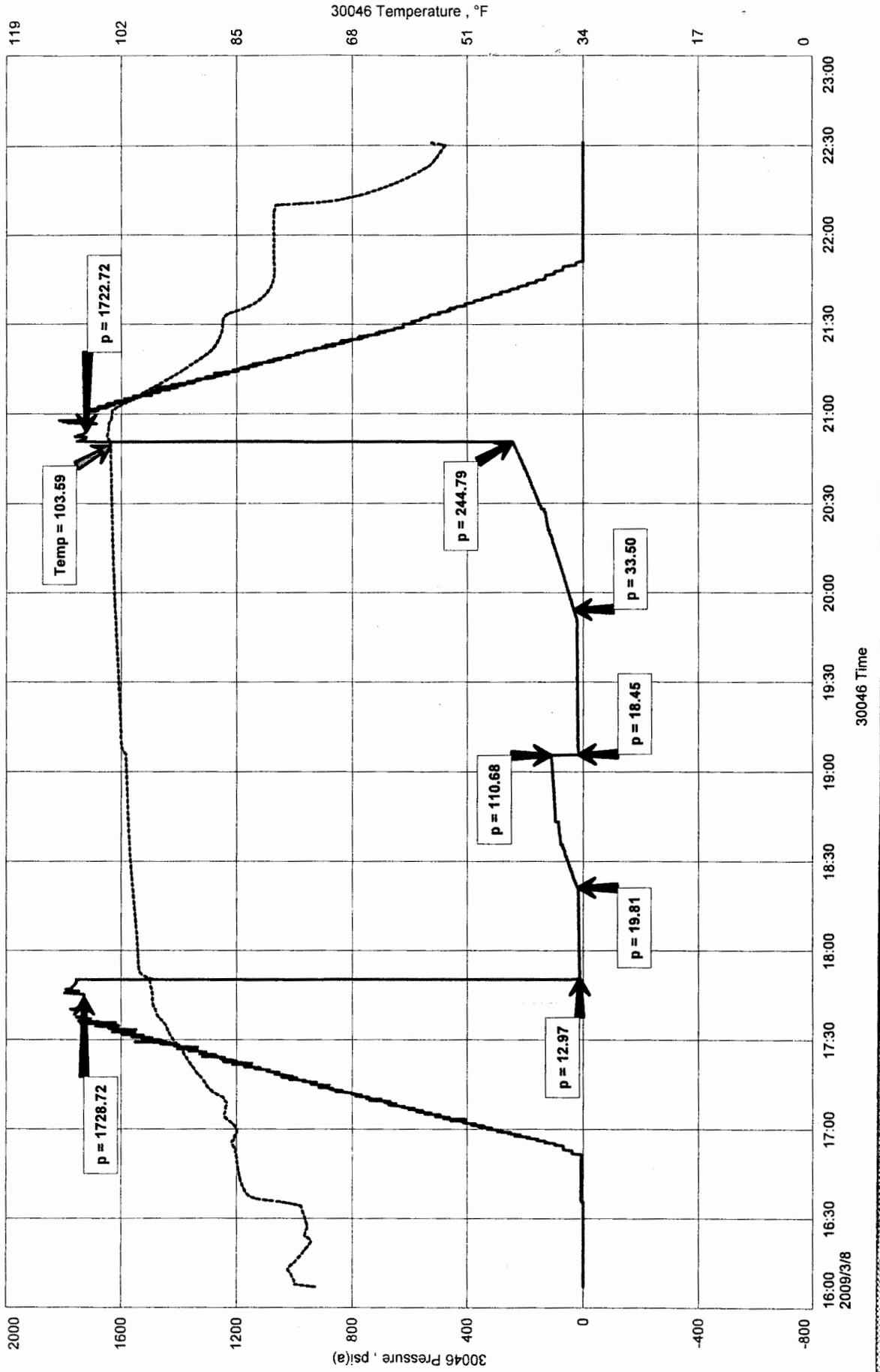
RECOVERED: 225' GAS IN PIPE	100% GAS	
25' VERY SLIGHT OIL CUT MUD	4% OIL	96% MUD

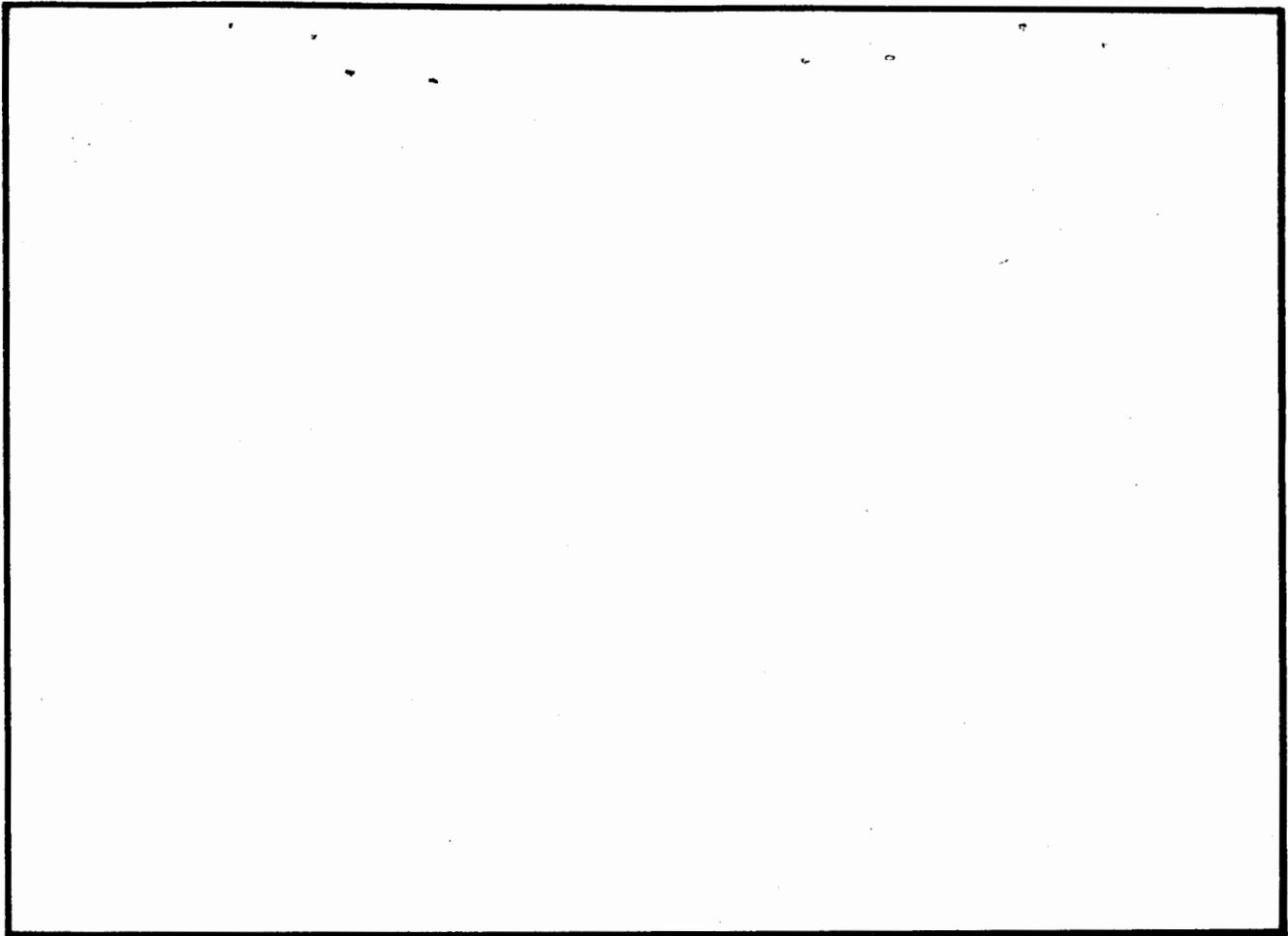
TOOL SAMPLE: 7% OIL 93% MUD

L.D. DRILLING, INC.
DST #2 SIMPSON 3578-3630
Start Test Date: 2009/03/08
Final Test Date: 2009/03/08

RANDY #3
Formation: DST #2 SIMPSON 3578-3630
Job Number: POO9

RANDY #3





This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1729	1729	PSI
(B) First Initial Flow Pressure.....	13	13	PSI
(C) First Final Flow Pressure	20	20	PSI
(D) Initial Closed-in Pressure	111	111	PSI
(E) Second Initial Flow Pressure.....	18	18	PSI
(F) Second Final Flow Pressure.....	34	34	PSI
(G) Final Closed-in Pressure.....	245	245	PSI
(H) Final Hydrostatic Mud.....	1723	1723	PSI