

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30044.D01

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Schartz-Chisholm No. 1

Elevation 1929KB Formation Lansing/Kansas City "H" & "I" Effective Pay -- Ft. Ticket No. J2182

Date 12-31-07 Sec. 23 Twp. 22S Range 14W County Stafford State Kansas

Test Approved By Josh Austin Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,580 ft. to 3,610 ft. Total Depth 3,610 ft.

Packer Depth 3,575 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,580 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,583 ft. Recorder Number 30044 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,607 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 ir

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

Weight 9.2 Water Loss 10.8 cc. Drill Pipe Length 3,440 ft. I.D. 3 1/2 ir

Chlorides 6,700 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF ir

Jars: Make Sterling Serial Number Not Run Anchor Length 30 ft. Size 4 1/2 - FH ir

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 ir

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH ir

Blow: 1st Open: Good, 5 in., blow.

2nd Open: Strong blow. Off bottom of bucket in 5 mins. No blow back during shut-in.

Recovered 270 ft. of gas in pipe

Recovered 30 ft. of muddy oil = .147600 bbls. (Grind out: 50%-mud; 50%-oil)

Recovered 30 ft. of TOTAL FLUID = .147600 bbls.

Recovered -- ft. of

Recovered -- ft. of

Remarks

Time Set Packer(s) 2:45 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 5:45 ~~P.M.~~ ^{A.M.} Maximum Temperature 103°

Initial Hydrostatic Pressure (A) 1765 P.S.I.

Initial Flow Period Minutes 45 (B) 28 P.S.I. to (C) 31 P.S.I.

Initial Closed In Period Minutes 45 (D) 248 P.S.I.

Final Flow Period Minutes 45 (E) 32 P.S.I. to (F) 35 P.S.I.

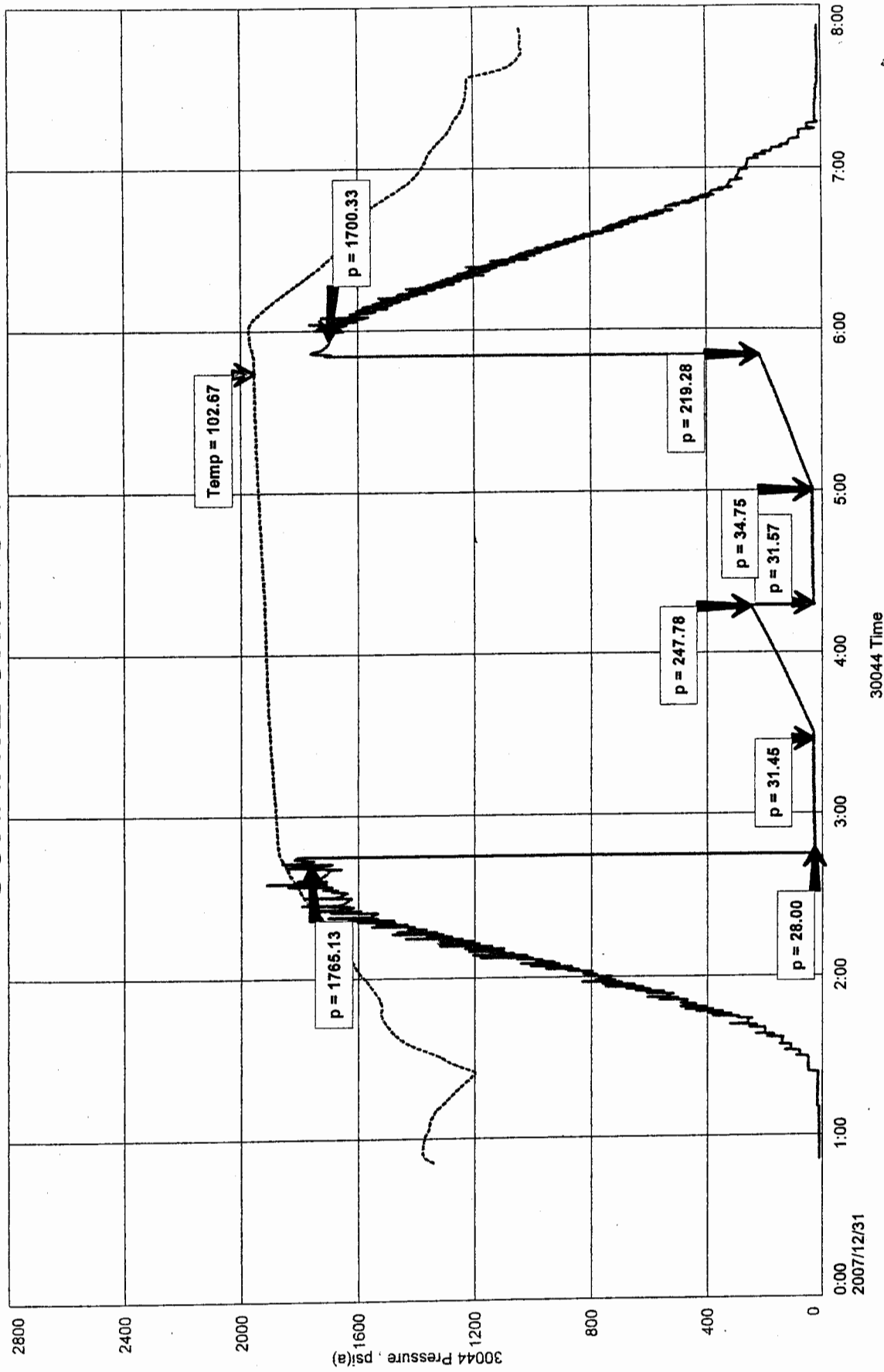
Final Closed In Period Minutes 45 (G) 219 P.S.I.

Final Hydrostatic Pressure (H) 1700 P.S.I.

LD DRILLING INC
DST #1 3580 TO 3610
Start Test Date: 2007/12/31
Final Test Date: 2007/12/31

SCHARTZ-CHISHOLM
Formation: LANSING
Job Number:

SCHARTZ-CHISHOLM#1





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Page 1 of 2 Pages

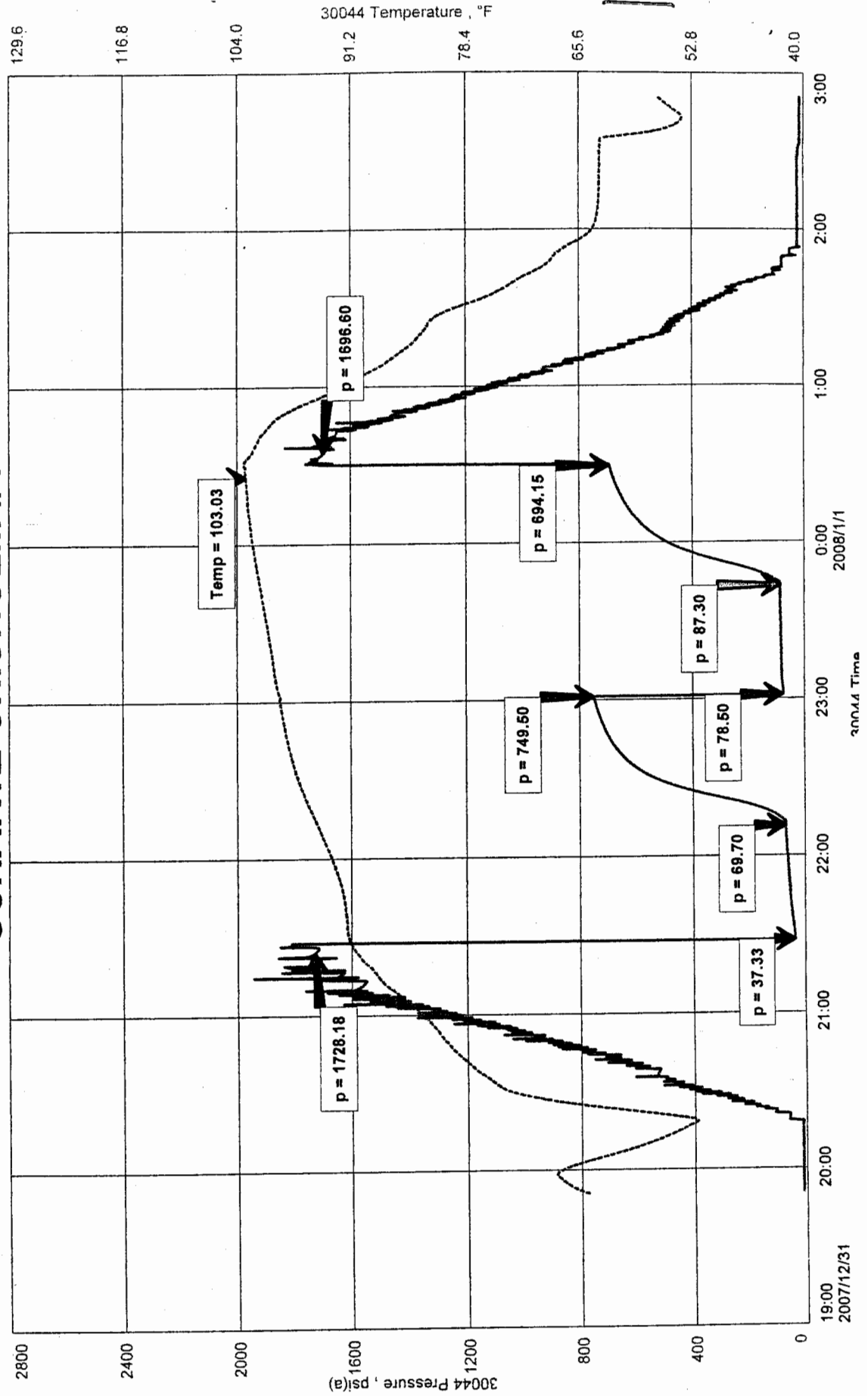
Company L. D. Drilling, Inc. Lease & Well No. Schartz-Chisholm No. 1
Elevation 1929KB Formation Lansing "J" Effective Pay -- Ft. Ticket No. J21
Date 12-31-07 Sec. 23 Twp. 22S Range 14W County Stafford State Kansas
Test Approved By Josh Austin Diamond Representative John C. Riedl
Formation Test No. 2 Interval Tested from 3,610 ft. to 3,640 ft. Total Depth 3,640 ft.
Packer Depth 3,605 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,610 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.
Top Recorder Depth (Inside) 3,613 ft. Recorder Number 30044 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,637 ft. Recorder Number 11073 Cap. 4,000 psi
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi
Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4
Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. --
Weight 9.3 Water Loss 11.6 cc. Drill Pipe Length 3,470 ft. I.D. 3 1/2
Chlorides 8,100 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF
Jars: Make Sterling Serial Number Not Run Anchor Length 30 ft. Size 4 1/2 - FH
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH
Blow: 1st Open: Strong blow, building to 8 ins. No blow back during shut-in.
2nd Open: Fair, 4 in., blow. No blow back during shut-in.
Recovered 30 ft. of gas in pipe
Recovered 90 ft. of slightly oil cut mud = .721200 bbls. (Grind out: 2%-oil; 98%-mud)
Recovered 60 ft. of muddy water = .295200 bbls. (Grind out: 20%-mud; 80%-water) Chlorides: 60,000 Ppm
Recovered 150 ft. of TOTAL FLUID = 1.016400 bbls.
Recovered -- ft. of --
Remarks --

Time Set Packer(s) 9:28 ~~XXX~~ P.M. Time Started Off Bottom 12:28 ~~XXX~~ A.M. Maximum Temperature 103°
Initial Hydrostatic Pressure (A) 1728 P.S.I.
Initial Flow Period Minutes 45 (B) 37 P.S.I. to (C) 70 P.S.I.
Initial Closed In Period Minutes 45 (D) 750 P.S.I.
Final Flow Period Minutes 45 (E) 79 P.S.I. to (F) 87 P.S.I.
Final Closed In Period Minutes 45 (G) 694 P.S.I.
Final Hydrostatic Pressure (H) 1697 P.S.I.

SCHARTZ-CHISHOLM #1
Formation: LANSING "J"
Job Number: D02

SCHARTZ-CHISHOLM #1

LD DRILLING INC
DST #2 3610 TO 3640
Start Test Date: 2007/12/31
Final Test Date: 2008/01/01





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Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Schartz-Chisholm No. 1
Elevation 1929KB Formation Viola Effective Pay -- Ft. Ticket No. J21
Date 1-01-08 Sec. 23 Twp. 22S Range 14W County Stafford State Kansas
Test Approved By Josh Austin Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,747 ft. to 3,775 ft. Total Depth 3,775 ft.

Packer Depth 3,742 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,747 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,750 ft. Recorder Number 21083 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,772 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4

Mud Type Chemical Viscosity 51 Weight Pipe Length -- ft. I.D. --

Weight 9.1 Water Loss 11.8 cc. Drill Pipe Length 3,607 ft. I.D. 3 1/2

Chlorides 11,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF

Jars: Make Sterling Serial Number Not Run Anchor Length 28 ft. Size 4 1/2 - FH

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH

Blow: 1st Open: Fair, 3 in., steady blow.

2nd Open: Fair, 3 in., blow. No blow back during shut-in.

Recovered 150 ft. of gas in pipe

Recovered 30 ft. of very slightly oil cut mud = .147600 bbls. (Grind out: 1%-oil; 99%-mud)

Recovered 30 ft. of TOTAL FLUID = .147600 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 6:40 ~~AM~~ P.M. Time Started Off Bottom 9:40 ~~AM~~ P.M. Maximum Temperature 104°

Initial Hydrostatic Pressure (A) 1801 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) 76 P.S.I.

Final Flow Period Minutes 45 (E) 20 P.S.I. to (F) 24 P.S.I.

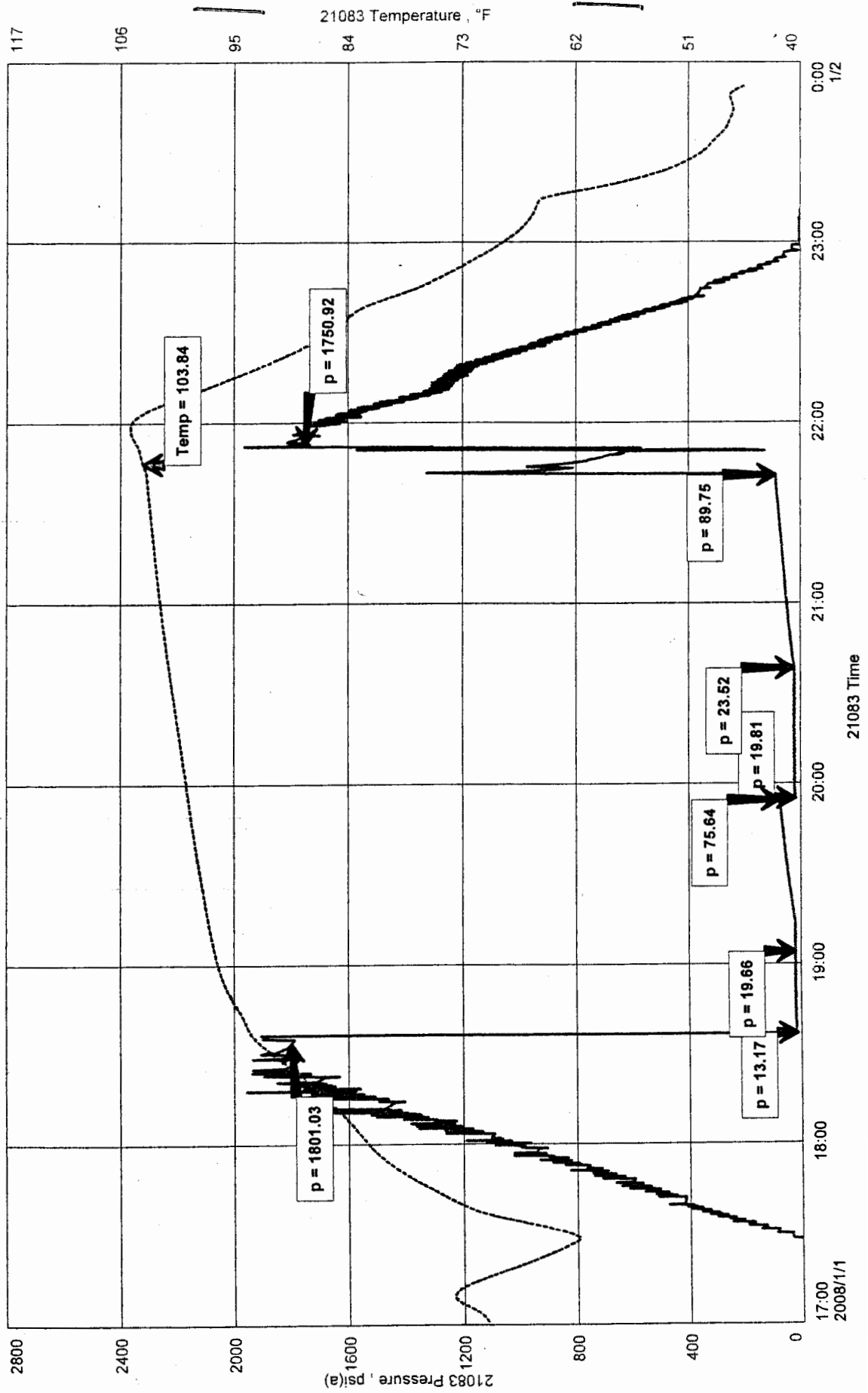
Final Closed In Period Minutes 60 (G) 90 P.S.I.

Final Hydrostatic Pressure (H) 1751 P.S.I.

SCHARTZ-CHISHOLM #1
 Formation: VIOLA
 Job Number: D379

LD DRILLING INC
 DST #3 3747 TO 3775
 Start Test Date: 2008/01/01
 Final Test Date: 2008/01/01

SCHARTZ-CHISHOLM #1





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Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Schartz-Chisholm No. 1
Elevation 1929KB Formation Simpson/Arbuckle Effective Pay -- Ft. Ticket No. J218
Date 1-02-08 Sec. 23 Twp. 22S Range 14W County Stafford State Kansas
Test Approved By Josh Austin Diamond Representative John C. Riedl
Formation Test No. 4 Interval Tested from 3,786 ft. to 3,848 ft. Total Depth 3,848 ft.
Packer Depth 3,781 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,786 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.
Top Recorder Depth (Inside) 3,789 ft. Recorder Number 21083 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,845 ft. Recorder Number 11073 Cap. 4,000 psi
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi
Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 56 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.2 Water Loss 12.2 cc. Drill Pipe Length 3,646 ft. I.D. 3 1/2 in.
Chlorides 12,300 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 62 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.
2nd Open: N/A
Recovered 20 ft. of oil specked mud = .098400 bbls.
Recovered -- ft. of --
Recovered -- ft. of --
Recovered -- ft. of --
Recovered -- ft. of --
Remarks --

Time Set Packer(s) 12:40 ~~AM~~ P.M. Time Started Off Bottom 1:40 ~~AM~~ P.M. Maximum Temperature 97°
Initial Hydrostatic Pressure (A) 1819 P.S.I.
Initial Flow Period Minutes 30 (B) 11 P.S.I. to (C) 20 P.S.I.
Initial Closed In Period Minutes 30 (D) 72 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) 1797 P.S.I.

L D DRILLING INC
DST #4 3786 TO 3848
Start Test Date: 2008/01/02
Final Test Date: 2008/01/02

SCHARTZ-CHISHOLM #1
Formation: SIMPSON, ARBUCKLE
Job Number: D380

SCHARTZ-CHISHOLM #1

