



15-135-24608

16-18s-23w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21108.D436

Company L. D. Drilling, Inc. Lease & Well No. Gantz No. 1-16
 Elevation 2308 KB Formation Cherokee Effective Pay -- Ft. Ticket No. J2039
 Date 3-1-07 Sec. 16 Twp. 18S Range 23W County Ness State Kansas
 Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 4,296 ft. to 4,347 ft. Total Depth 4,347 ft.
 Packer Depth 4,291 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 4,296 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,299 ft. Recorder Number 21108 Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 4,344 ft. Recorder Number 11017 Cap. 4,000 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Southwind Drilling, Inc. - Rig 2 Drill Collar Length 30 ft. I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 60 Weight Pipe Length -- ft. I.D. -- in.
 Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 4,240 ft. I.D. 3 1/2 in.
 Chlorides 2,400 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Bowen Serial Number 2 Anchor Length 51 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.

Recovered 5 ft. of drilling mud = .024600 bbls.
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks

Time Set Packer(s) 9:35 ^{XXM.} P.M. Time Started Off Bottom 11:05 ^{XXM.} P.M. Maximum Temperature 112°
 Initial Hydrostatic Pressure (A) 2191 P.S.I.
 Initial Flow Period Minutes 15 (B) 40 P.S.I. to (C) 40 P.S.I.
 Initial Closed In Period Minutes 30 (D) 58 P.S.I.
 Final Flow Period Minutes 15 (E) 44 P.S.I. to (F) 49 P.S.I.
 Final Closed In Period Minutes 30 (G) 74 P.S.I.
 Final Hydrostatic Pressure (H) 2156 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: GANTZ #1-16

Operator: L D DRILLING INC

Location-Downhole: DST #1 4296 TO 4347

Location-Surface: S16/18S/23W NESS COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D436

Test Unit: 2

Start Date: 2007/03/01 Start Time: 19:00:00

End Date: 2007/03/02 End Time: 00:55:00

Report Date: 2007/03/02 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

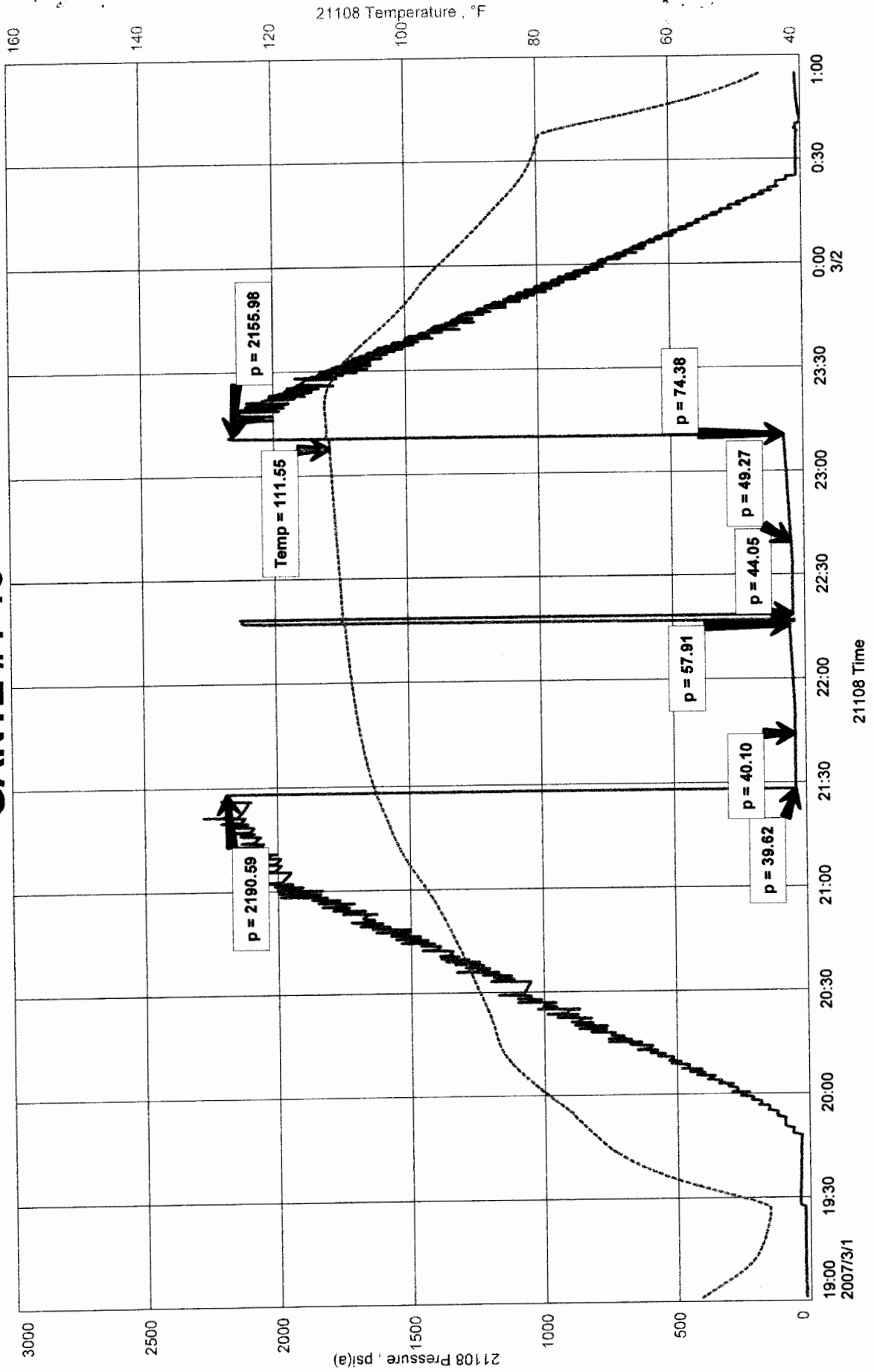
Remarks:

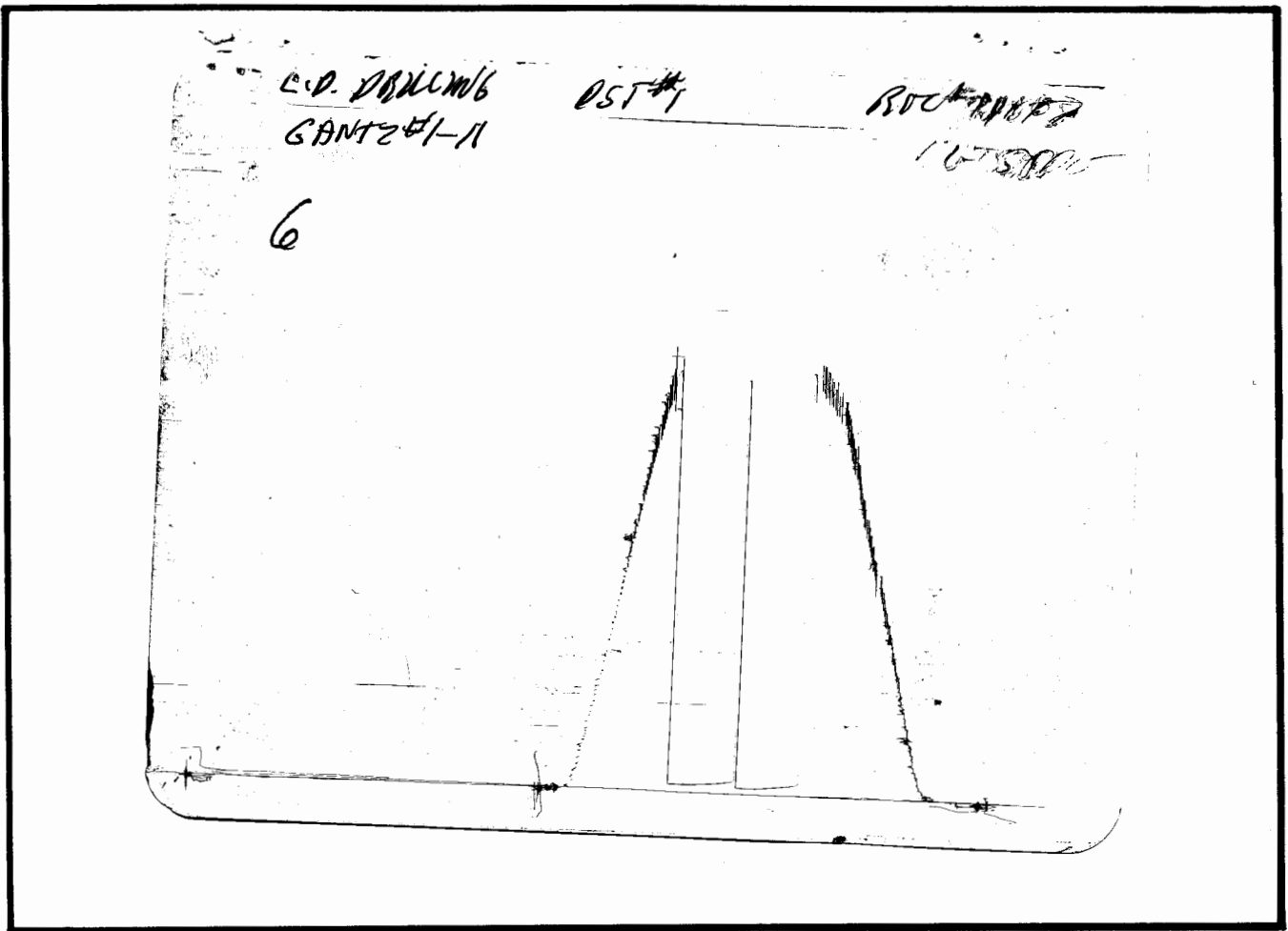
RECOVERY: 5' DRILLING MUD

GANTZ #1-16
 Formation: CHEROKEE
 Job Number: D436

L D DRILLING INC
 DST #1 4296 TO 4347
 Start Test Date: 2007/03/01
 Final Test Date: 2007/03/02

GANTZ #1-16





This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2191	2191	PSI
(B) First Initial Flow Pressure.....	40	40	PSI
(C) First Final Flow Pressure	40	40	PSI
(D) Initial Closed-in Pressure	58	58	PSI
(E) Second Initial Flow Pressure.....	44	44	PSI
(F) Second Final Flow Pressure.....	49	49	PSI
(G) Final Closed-in Pressure	74	74	PSI
(H) Final Hydrostatic Mud	2156	2156	PSI