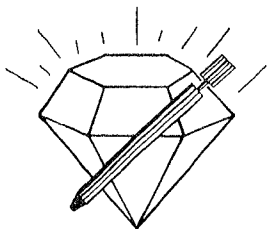


15-009-25028

5-16s-13w



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21108.D437

Page 1 of 2 Pages

Company Hupfer Operating, Inc. Lease & Well No. Bitter No. 1Elevation 1919KB Formation Lansing/Kansas City Effective Pay Ft. Ticket No. J2040Date 3-08-07 Sec. 5 Twp. 16S Range 13W County Barton State KansasTest Approved By D. D. Hupfer Diamond Representative John C. RiedlFormation Test No. 1 Interval Tested from 3,108 ft. to 3,131 ft. Total Depth 3,131 ft.Packer Depth 3,103 ft. Size 6 3/4 in. Packer Depth ft. Size in.Packer Depth 3,108 ft. Size 6 3/4 in. Packer Depth ft. Size in.Depth of Selective Zone Set ft.Top Recorder Depth (Inside) 3,111 ft. Recorder Number 21108 Cap. 5,000 psiBottom Recorder Depth (Outside) 3,128 ft. Recorder Number 11017 Cap. 4,000 psiBelow Straddle Recorder Depth ft. Recorder Number Cap. psiDrilling Contractor Sterling Drilling Co. - Rig 1 Drill Collar Length 250 ft. I.D. 2 1/4 in.Mud Type Chemical Viscosity 52 Weight Pipe Length ft. I.D. in.Weight 8.8 Water Loss 8.0 cc. Drill Pipe Length 2,838 ft. I.D. 3 1/2 in.Chlorides 2,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.Jars: Make Bowen Serial Number Not Run Anchor Length 23 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, 2 in., blow decreasing to 1 in.2nd Open: Weak, 1 in., blow throughout.Recovered 310 ft. of Water with some oil specks = 2.082000 bbls. (Chlorides: 55,000 Ppm)Recovered ft. ofRecovered ft. ofRecovered ft. ofRecovered ft. ofRemarks Time Set Packer(s) 5:30 A.M. ~~XXX~~ Time Started Off Bottom 7:45 A.M. ~~XXX~~ Maximum Temperature 101°Initial Hydrostatic Pressure (A) 1539 P.S.I.Initial Flow Period Minutes 30 (B) 38 P.S.I. to (C) 146 P.S.I.Initial Closed In Period Minutes 30 (D) 461 P.S.I.Final Flow Period Minutes 30 (E) 150 P.S.I. to (F) 177 P.S.I.Final Closed In Period Minutes 45 (G) 465 P.S.I.Final Hydrostatic Pressure (H) 1469 P.S.I.

GENERAL INFORMATION

Client Information:

Company: HUPFER OPERATING INC

Contact: DENNIS HUPFER

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: BITTER #1

Operator: HUPFER OPERATING INC

Location-Downhole: DST #1 3108 TO 3131

Location-Surface: S5/16S/13W BARTON COUNTY

Test Information:

Company: CONVENTIONAL

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D437

Test Unit: 2

Start Date: 2007/03/08

Start Time: 02:13:00

End Date: 2007/03/08

End Time: 09:30:00

Report Date: 2007/03/08

Prepared By: JOHN RIEDL

Remarks:

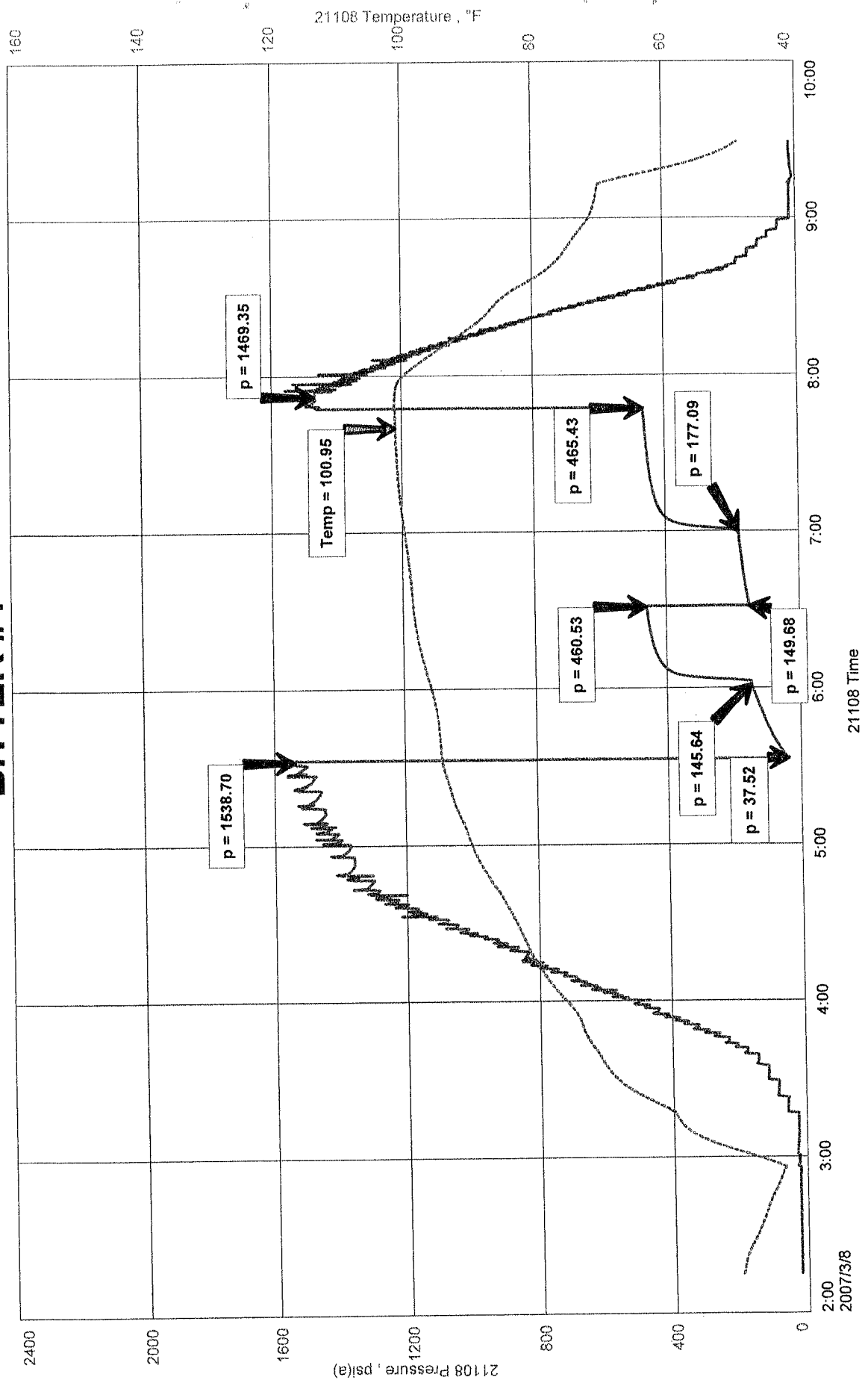
Qualified By: DENNIS HUPFER

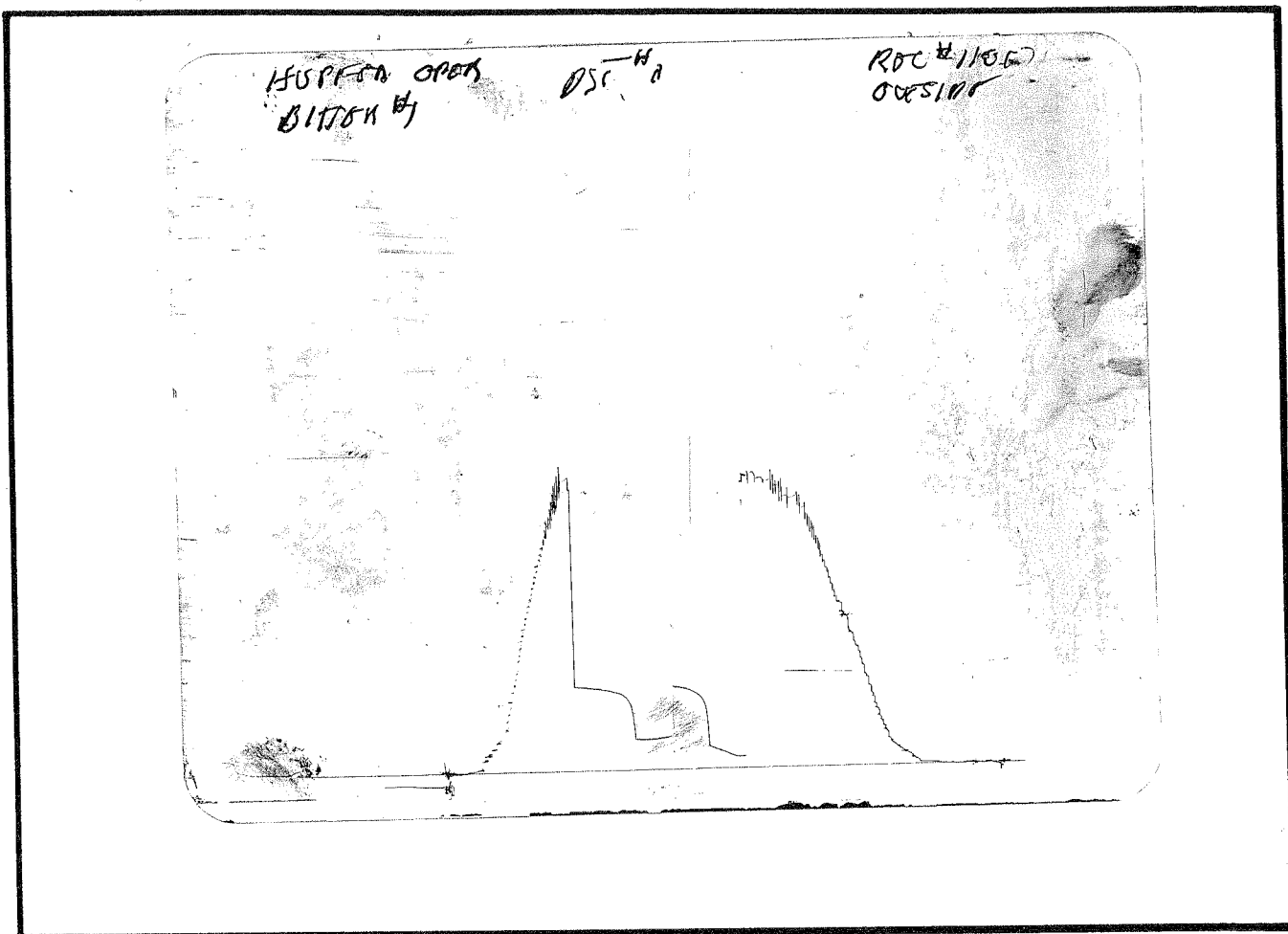
RECOVERY:310' WATER WITH SOME OIL SPECKS

BITTER #1
Formation: LKC
Job Number: D437

HUPFER OPERATING INC
DST #1 3108 TO 3131
Start Test Date: 2007/03/08
Final Test Date: 2007/03/08

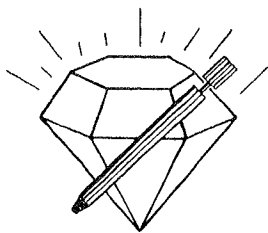
BITTER #1





This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1539	1539
(B) First Initial Flow Pressure.....	38	38
(C) First Final Flow Pressure	146	146
(D) Initial Closed-in Pressure	461	461
(E) Second Initial Flow Pressure.....	150	150
(F) Second Final Flow Pressure.....	177	177
(G) Final Closed-in Pressure.....	465	465
(H) Final Hydrostatic Mud	1469	1469



DIAMOND TESTING

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STC 21108.D438

Page 1 of 2 Pages

Company Hupfer Operating, Inc. Lease & Well No. Bitter No. 1
Elevation 1919KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J2041
Date 3-09-07 Sec. 5 Twp. 16S Range 13W County Barton State Kansas
Test Approved By D. D. Hupfer Diamond Representative John C. Riedl
Formation Test No. 2 Interval Tested from 3,302 ft. to 3,356 ft. Total Depth 3,356 ft.
Packer Depth 3,297 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,302 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.
Top Recorder Depth (Inside) 3,305 ft. Recorder Number 21108 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,353 ft. Recorder Number 11017 Cap. 4,000 psi
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi
Drilling Contractor Sterling Drilling Co. - Rig 1 Drill Collar Length 250 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 60 Weight Pipe Length -- ft. I.D. -- in.
Weight 8.9 Water Loss 8.8 cc. Drill Pipe Length 3,032 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 54 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 30 secs. Weak, $\frac{1}{2}$ in., blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 45 secs.
Recovered 520 ft. of gas & mud cut watery oil = 5.064000 bbls. (Grind out: 10%-gas; 10%-mud; 20%-water; 60%-oil)
Recovered 800 ft. of gassy & muddy heavy oil cut water = 11.360000 bbls. (Grind out: 5%-mud; 15%-gas; 30%-oil; 50%-water)
Recovered 490 ft. of slightly gassy & muddy oil cut water = 6.9580000 bbls. (Grind out: 5%-gas; 10%-mud; 15%-oil; 70%-water)
Recovered 370 ft. of water = 5.254000 bbls. (Chlorides: 13,000 Ppm)
Recovered 2,180 ft. of TOTAL FLUID = 28.636000 bbls.
Remarks --

Time Set Packer(s) 8:20 ~~P.M.~~ A.M. Time Started Off Bottom 10:05 ~~P.M.~~ A.M. Maximum Temperature 108°
Initial Hydrostatic Pressure (A) 1616 P.S.I.
Initial Flow Period Minutes 20 (B) 166 P.S.I. to (C) 633 P.S.I.
Initial Closed In Period Minutes 30 (D) 1109 P.S.I.
Final Flow Period Minutes 25 (E) 634 P.S.I. to (F) 947 P.S.I.
Final Closed In Period Minutes 30 (G) 1109 P.S.I.
Final Hydrostatic Pressure (H) 1598 P.S.I.

GENERAL INFORMATION

Client Information:

Company: HUPFER OPERATING INC

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: BITTER #1

Operator: HUPFER OPERATING INC

Location-Downhole: DST #2 3302 TO 3356

Location-Surface: S5/16S/13W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number: D438

Test Unit: 2

Start Date: 2007/03/09

Start Time: 07:05:00

End Date: 2007/03/09

End Time: 13:10:00

Report Date: 2007/03/09

Prepared By: JOHN RIEDL

Remarks:

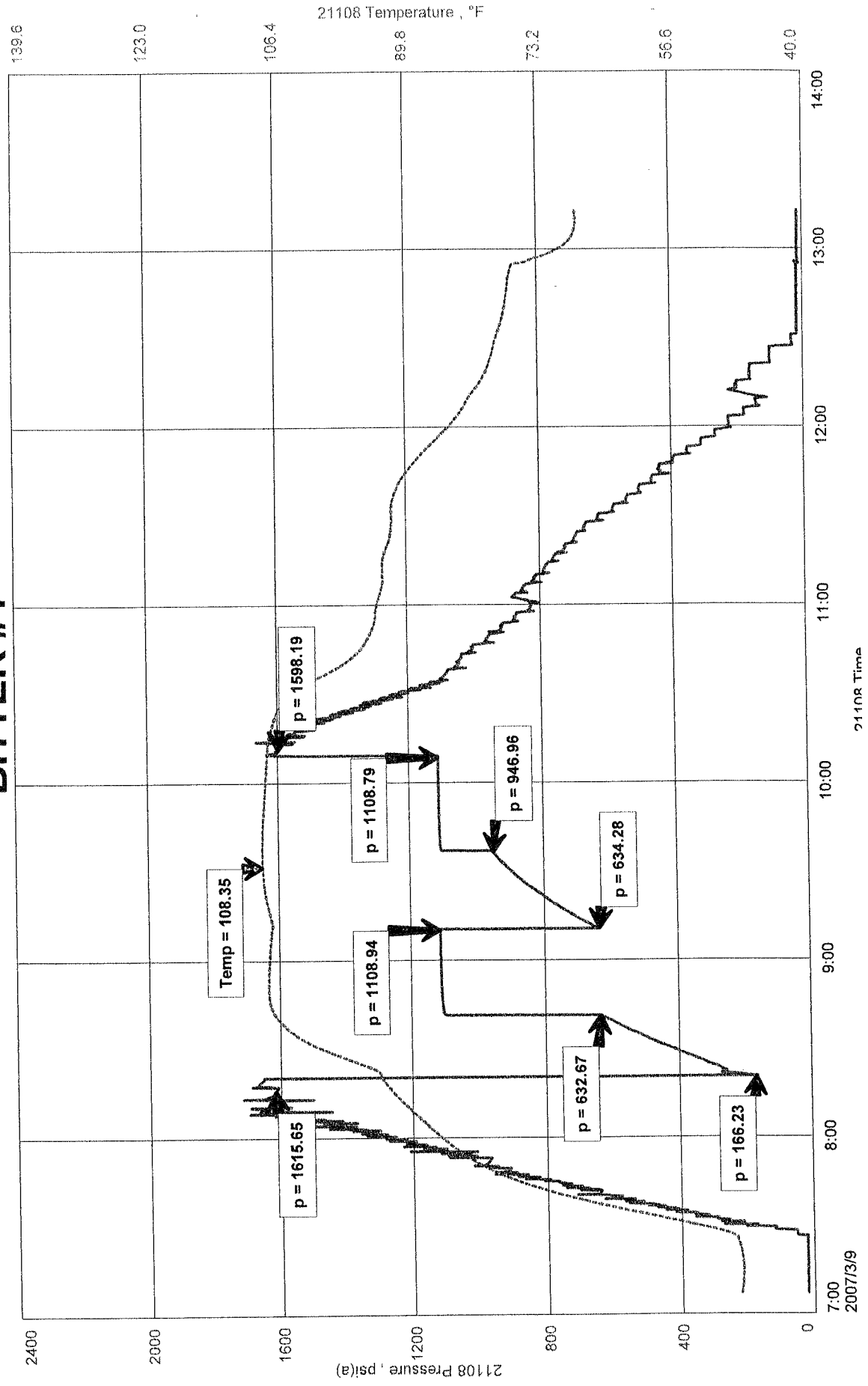
Qualified By: DENNIS HUPFER

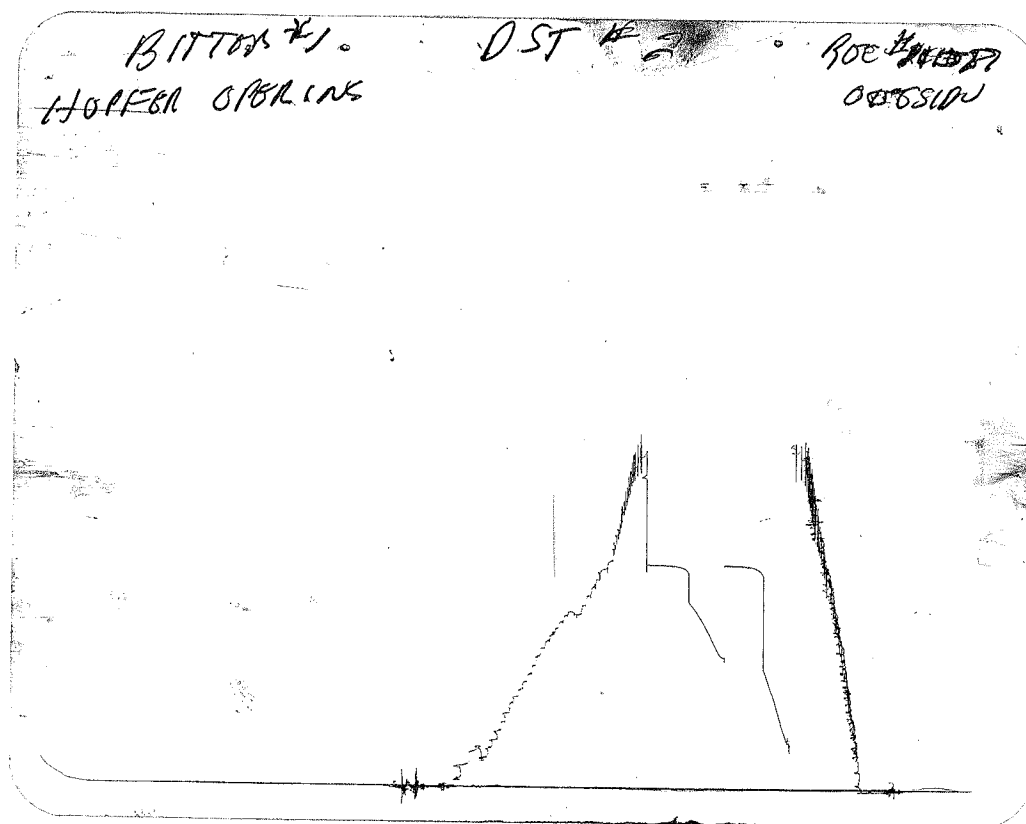
RECOVERY: TOTAL FLUID REC. 2180' (SEE TEST TICKET FOR BREAKDOWN)

BITTER #1
Formation: ARBUCKLE
Job Number: D438

HUPFER OPERATING INC
DST #2 3302 TO 3356
Start Test Date: 2007/03/09
Final Test Date: 2007/03/09

BITTER #1





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1616	1616
(B) First Initial Flow Pressure.....	166	166
(C) First Final Flow Pressure	633	633
(D) Initial Closed-in Pressure	1109	1109
(E) Second Initial Flow Pressure.....	634	634
(F) Second Final Flow Pressure.....	947	947
(G) Final Closed-in Pressure.....	1109	1109
(H) Final Hydrostatic Mud	1598	1598