

15-009-24961

16-16s-13w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21108.D321

Page 1 of 2 Pages

Company Hupfer Operating, Inc. Lease & Well No. Mai No. 2
Elevation 1955KB Formation Arbuckle Effective Pay Ft. Ticket No. J1926
Date 9-02-06 Sec. 16 Twp. 16S Range 13W County Barton State Kansas
Test Approved By Dennis D. Hupfer Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,393 ft. to 3,421 ft. Total Depth 3,421 ft.

Packer Depth 3,388 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3,393 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,396 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,418 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 240 ft. I.D. 2 1/4 in.

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

Weight 9.3 Water Loss 9.2 cc. Drill Pipe Length 3,133 ft. I.D. 3 1/2 in.

Chlorides 4,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

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

Did Well Flow? No Reversed Out Yes 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 1 min. No blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 1 min.

Recovered 2,150 ft. of sulfur water = 28.302800 bbls. (Chlorides: 24,000 Ppm)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s)	<u>10:30</u>	<u>AXM.</u> <u>P.M.</u>	Time Started Off Bottom	<u>12:30</u>	<u>A.M.</u> <u>P.M.</u>	Maximum Temperature	<u>113°</u>
Initial Hydrostatic Pressure			(A)	<u>1657</u>	<u>P.S.I.</u>		
Initial Flow Period		Minutes <u>30</u>	(B)	<u>133</u>	<u>P.S.I.</u>	to (C)	<u>622</u> <u>P.S.I.</u>
Initial Closed In Period		Minutes <u>30</u>	(D)	<u>1094</u>	<u>P.S.I.</u>		
Final Flow Period		Minutes <u>30</u>	(E)	<u>632</u>	<u>P.S.I.</u>	to (F)	<u>886</u> <u>P.S.I.</u>
Final Closed In Period		Minutes <u>30</u>	(G)	<u>1102</u>	<u>P.S.I.</u>		
Final Hydrostatic Pressure			(H)	<u>1641</u>	<u>P.S.I.</u>		

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: MAI #2

Operator: HUPFER OPERATING INC

Location-Downhole: DST #1 3393 TO 3421

Location-Surface: S16/16S/13W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: DENNIS HUPFER

Test Type: CONVENTIONAL

Job Number: D321

Test Unit: 2

Start Date: 2006/09/02

Start Time: 19:22:00

End Date: 2006/09/03

End Time: 02:30:00

Report Date: 2006/09/03

Prepared By: JOHN RIEDL

Remarks:

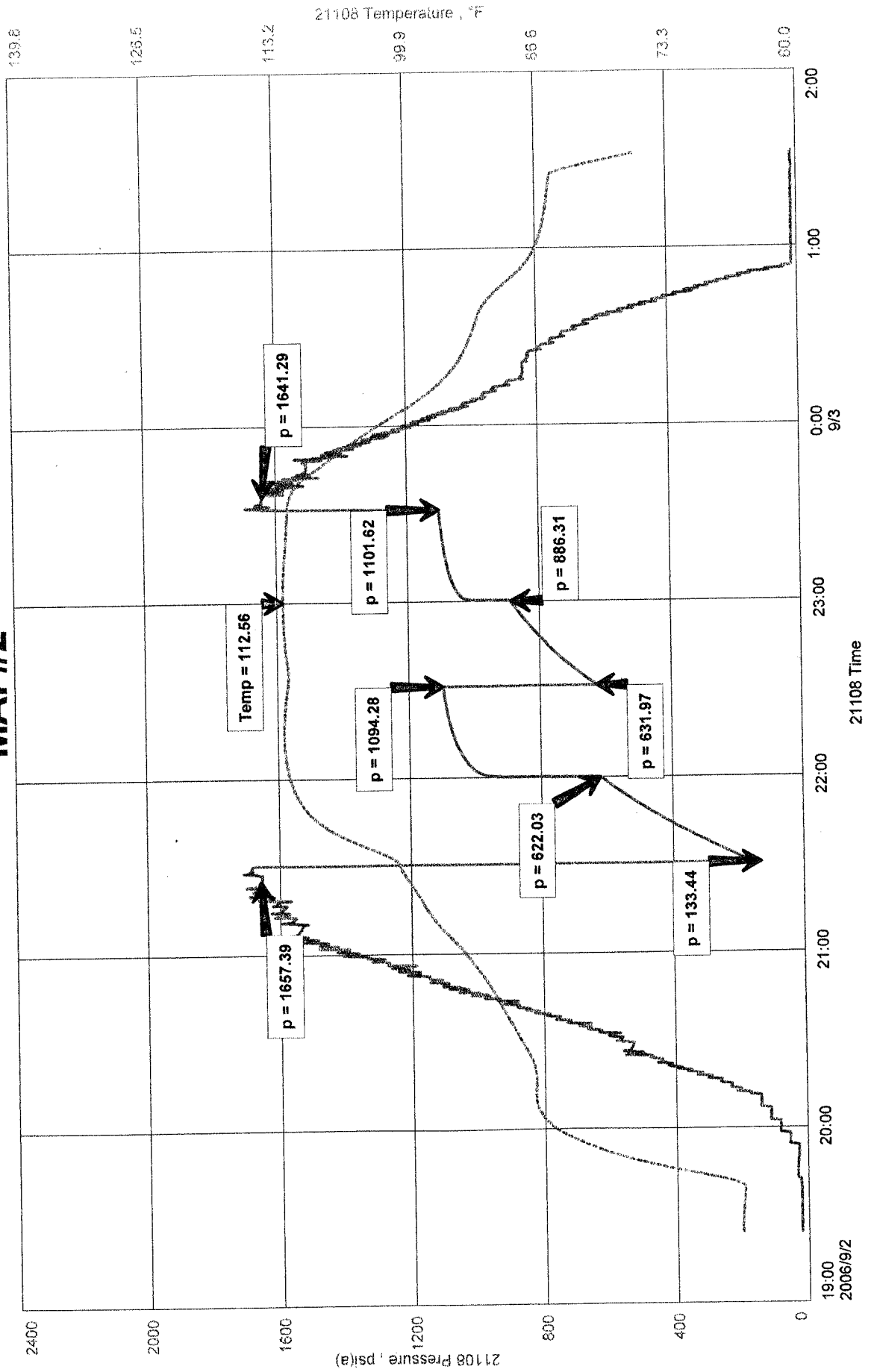
Qualified By: DENNIS HUPFER

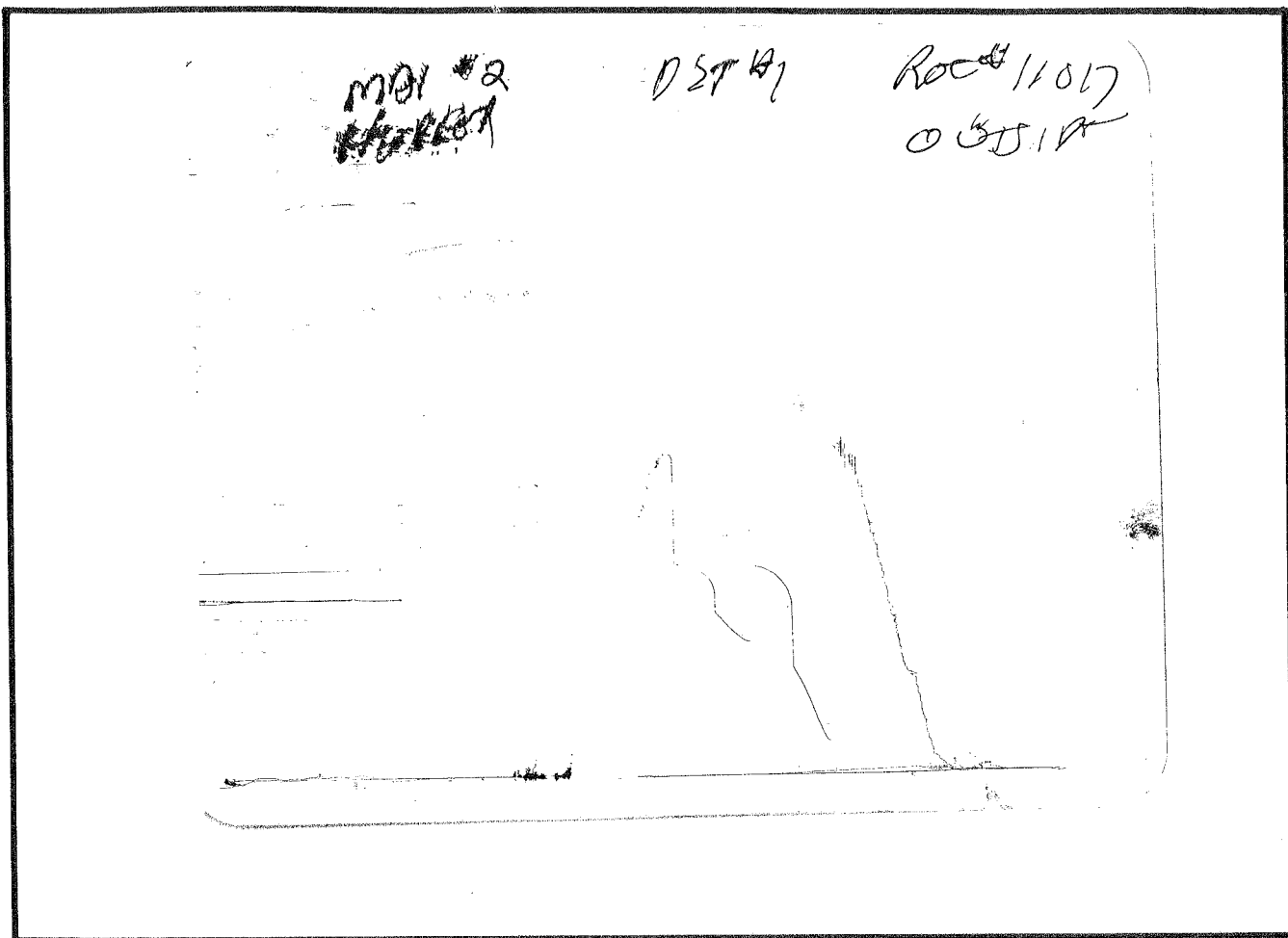
RECOVERY: 2150 SULFER WATER (CHLORIDES 24,000Ppm)

MAI #2
 Formation: ARBUCKLE
 Job Number: D321

HUPFER OPERATING INC
 DST #1 3393 TO 3421
 Start Test Date: 2006/09/02
 Final Test Date: 2006/09/03

MAI #2





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1657	1657
(B) First Initial Flow Pressure.....	133	133
(C) First Final Flow Pressure	622	622
(D) Initial Closed-in Pressure	1094	1094
(E) Second Initial Flow Pressure	632	632
(F) Second Final Flow Pressure.....	886	886
(G) Final Closed-in Pressure.....	1102	1102
(H) Final Hydrostatic Mud.....	1641	1641