15-185-23179

8-22s-12w

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530
(316) 792-6902

Date 3-10-2003 Location 100'FSL - 1200 FWL 8-22S-12W Elevation 1883 K.B. 1875 G.L. County Stafford

Company Hares Oil & Gas Company Number of Copies 5

Charts Mailed to 1125 17th Street Suite 2290 Denver Colorado 80202

Drilling Contractor Duke Drilling Rig #8

Length Drill Pipe 3314 I.D. Drill Pipe 3.80 Tool Joint Size 4½" XH

Length Weight Pipe none I.D. Weight Pipe none Tool Joint Size none

Length Drill Collars none I.D. Drill Collars none Tool Joint Size none

Top Packer Depth 3337 Bottom Packer Depth 3342 Number of Packers 2 Packer Size 6¾"

TESTED FROM 3342 TO 3430 ANCHOR LENGTH 88 TOTAL DEPTH 3430 Hole Size 7⅞"

LEASE & WELL NO. Teichman Unit #1-8 FORMATION TESTED ~~Kansas City~~ "A-C" TEST NO. 1

Mud Weight 9.4 Viscosity 38 Water Loss 9.4 Chlorides - Pits 2600 D.S.T.

Maximum Temp. 101 °F Initial Hydrostatic Pressure (A) 1644 P.S.I. Final Hydrostatic Pressure (H) 1607 P.S.I.

Tool Open I.F.P. from 7:30 m to 8:15 m 45 min
Tool Closed I.C.I.P. from 8:15 m to 9:00 m 45 min
Tool Open F.F.P. from 9:00 m to 9:15 m 15 min
Tool Closed F.C.I.P. from 9:15 m to 10:45 m 90 min

from [B] 171 P.S.I. to [C] 202 P.S.I.
[D] 907 P.S.I.
from [E] 202 P.S.I. to [F] 210 P.S.I.
[G] 924 P.S.I.

Initial Blow WEAK building blow built to 2½ inches DECREASED to A VERY WEAK SURGE

Final Blow No blow - flushed tool - Good Surge WEAK blow for 2 minutes BLOW DIED

Total Feet Recovered 330 Gravity of Oil _____ Corrected

6 Feet of		%Gas	%Oil	%Mud	%Water
280 Feet of	Drilling Mud No Shows	%Gas	%Oil	%Mud	%Water
30 Feet of	SLIGHTLY Gas Cut mud with a few	%Gas	%Oil	%Mud	%Water
Feet of	Spots of oil on top of the tool	%Gas	%Oil	%Mud	%Water
Feet of		%Gas	%Oil	%Mud	%Water
Feet of		%Gas	%Oil	%Mud	%Water
Feet of		%Gas	%Oil	%Mud	%Water
Feet of		%Gas	%Oil	%Mud	%Water
Feet of		%Gas	%Oil	%Mud	%Water

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Remarks _____

Extra Equipment - Jars yes Safety Joint yes Extra Packer none Straddle none Hook Wall none

Top Recorder No. 80501 Clock No. Electronic Depth 3423 Cir. Sub none Sampler none

Bottom Recorder No. 13208 Clock No. 42441 Depth 3427 Insurance none

Price of Job _____

Tool Operator Gene Sudy

Approved By _____

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, of for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

№ 12359

Teichman Unit #1-8 DST #1

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530
(316) 792-6902

Date 03-11-2003 Location 100' FSL 120' FWL 8-22S-12W Elevation 1883 KB 1875 GL County Stafford

Company Harris Oil & Gas Company Number of Copies 5

Charts Mailed to 1125 17th Street Suite 2290 Denver Colorado 80202

Drilling Contractor Duke Drilling Rig #8

Length Drill Pipe 3424 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X H

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3445 Bottom Packer Depth 3450 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3450 TO 3540 ANCHOR LENGTH 90 TOTAL DEPTH 3540 Hole Size 7 7/8"

LEASE & WELL NO. Teichman Unit #1-8 FORMATION TESTED Kansas City "H-K" TEST NO. 2

Mud Weight 9.0 Viscosity 38 Water Loss 9.6 Chlorides - Pits 2600 D.S.T.

Maximum Temp. 104 °F Initial Hydrostatic Pressure (A) 1716 P.S.I. Final Hydrostatic Pressure (H) 1679 P.S.I.

Tool Open I.F.P. from 3:00 Am to 3:45 Am 45 min

Tool Closed I.C.I.P. from 3:45 Am to 4:30 Am 45 min

Tool Open F.F.P. from 4:30 Am to 5:30 Am 60 min

Tool Closed F.C.I.P. from 5:30 Am to 7:00 Am 90 min

from [B]	76 P.S.I.	to [C]	87 P.S.I.
[D]	978 P.S.I.		
from [E]	90 P.S.I.	to [F]	108 P.S.I.
[G]	981 P.S.I.		

Initial Blow Fair blow built to the bottom of a 5 Gallon bucket in 7 minutes

Final Blow Good blow built to the bottom of a 5 Gallon bucket in 1 minute & Decrease to a fair Blow

Total Feet Recovered 105 Gravity of Oil ____ Corrected

Feet	Description	%Gas	%Oil	%Mud	%Water
1950	Gas in the Pipe				
45	Oil & Gas Cut Mud	10	5	85	
60	Heavy Gas Cut Oily mud	60	18	22	0

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Remarks

Extra Equipment - Jars yes Safety Joint yes Extra Packer yes Straddle NONE Hook Wall NONE

Top Recorder No. 80507 Clock No. Electronic Depth 3533 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13208 Clock No. 47441 Depth 3537 Insurance NONE

Price of Job

Tool Operator Gene Gudy

Approved By

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№ 12360

Teichman Unit #1-8 DST #2

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 3-12-2003 Location 10'FSL 100'FWL 8-22S-12W Elevation 1883KB 1875GL County Stafford

Company Harris Oil & Gas Company Number of Copies 5

Charts Mailed to 1125 17th Street Suite 2290 Denver Colorado 80202

Drilling Contractor Duke Drilling Rig #8

Length Drill Pipe 3592 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" XH

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3615 Bottom Packer Depth 3620 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3620 TO 3695 ANCHOR LENGTH 75 TOTAL DEPTH 3695 Hole Size 7 7/8"

LEASE & WELL NO. Teichman Unit #1-8 FORMATION TESTED Arbuckle TEST NO. 3

Mud Weight 9.0 Viscosity 38 Water Loss 8.8 Chlorides - Pits 3300 D.S.T.

Maximum Temp. 116 °F Initial Hydrostatic Pressure (A) 1802 P.S.I. Final Hydrostatic Pressure (H) 1741 P.S.I.

Tool Open I.F.P. from 2:15 AM to 2:45 AM 30 min

Tool Closed I.C.I.P. from 2:45 AM to 3:30 AM 45 min

Tool Open F.F.P. from 3:30 AM to 4:15 AM 45 min

Tool Closed F.C.I.P. from 4:15 AM to 5:45 AM 90 min

from [B]	103	P.S.I. to [C]	255 P.S.I.
[D]	1198		P.S.I.
from [E]	286	P.S.I. to [F]	432 P.S.I
[G]	1178		P.S.I.

Initial Blow Good blow built to the Bottom of #5 Gallon Bucket in 3 minutes

Final Blow Good blow built to the Bottom of #5 Gallon Bucket in 5 minutes

Total Feet Recovered 945 Gravity of Oil 38 1/2 Corrected

50 Feet of	Gas in the Pipe	100 %Gas	0 %Oil	0 %Mud	0 %Water
105 Feet of	Clean Gassy Oil	45 %Gas	55 %Oil	0 %Mud	0 %Water
120 Feet of	Mud cut Gassy Oil	55 %Gas	15 %Oil	30 %Mud	0 %Water
120 Feet of	Heavy Mud cut Gassy Oil	18 %Gas	40 %Oil	42 %Mud	0 %Water
120 Feet of	Oil & Gas Cut Mud	23 %Gas	45 %Oil	32 %Mud	0 %Water
180 Feet of	Clean Gassy Oil	45 %Gas	55 %Oil	0 %Mud	0 %Water
Feet of	Gravity 38 1/2 Corrected	%Gas	%Oil	%Mud	%Water
Feet of		%Gas	%Oil	%Mud	%Water
Feet of		%Gas	%Oil	%Mud	%Water
Feet of		%Gas	%Oil	%Mud	%Water

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Remarks

Extra Equipment - Jars ~~NONE~~ YES Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 80507 Clock No. Electronic Depth 3588 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13208 Clock No. 47441 Depth 3692 Insurance NONE

Price of Job

Tool Operator Dave Bradley

Approved By

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No 12361

Teichman Unit #1-8 DST #3