API#15-185-22952

Superior Testers Enterprises, Inc.

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

Date 2-11-1994 Location 50'S-E/2-E/2-SE 1-25-11W Elevation 1753 K.B. 1744 G.L. County Stafford

Company F.G. Holl Company L.L.C. Number of Copies 5

Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe 2888 I.D. Drill Pipe 3.80 Tool Joint Size 4½" X.H.

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

Length Drill Collars 397 I.D. Drill Collars 2.25 Tool Joint Size 4½" X.H.

Top Packer Depth 3257 Bottom Packer Depth 3262 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3262 TO 3345 ANCHOR LENGTH 83 TOTAL DEPTH 3345 Hole Size 7 7/8

LEASE & WELL NO. Manning # 1-2 FORMATION TESTED Lansing "K&L" & Conglomerate Ch TEST NO. 1

Mud Weight 9.5+ Viscosity 47 Water Loss 9.2+ Chlorides - Pits 4000 D.S.T.

Maximum Temp. 107 °F Initial Hydrostatic Pressure (A) 1682 P.S.I. Final Hydrostatic Pressure (H) 1660 P.S.I.

Tool Open I.F.P. from 2:00 Pm to 2:15 Pm 15 min

Tool Closed I.C.I.P. from 2:15 Pm to 2:45 Pm 30 min

Tool Open F.F.P. from 2:45 Pm to 3:00 Pm 15 min

Tool Closed F.C.I.P. from 3:00 Pm to 3:30 Pm 30 min

from [B]	89	P.S.I. to [C]	89 P.S.I.
[D]	133		P.S.I.
from [E]	89	P.S.I. to [F]	89 P.S.I.
[G]	111		P.S.I.

Initial Blow VERY WEAK ½ inch blow DECREASED to VERY WEAK Surface blow

Final Blow VERY WEAK intermittant blow for 7 minutes & DIED

Total Feet Recovered 5 Gravity of Oil ____ Correcte

5 Feet of Drilling mud - with a few spots of oil %Gas ____ %Oil ____ %Mud ____ %Wate

____ Feet of Between the tools %Gas ____ %Oil ____ %Mud ____ %Wate

____ Feet of ____ %Gas ____ %Oil ____ %Mud ____ %Wate

____ Feet of ____ %Gas ____ %Oil ____ %Mud ____ %Wate

____ Feet of ____ %Gas ____ %Oil ____ %Mud ____ %Wate

____ Feet of ____ %Gas ____ %Oil ____ %Mud ____ %Wate

____ Feet of ____ %Gas ____ %Oil ____ %Mud ____ %Wate

____ Feet of ____ %Gas ____ %Oil ____ %Mud ____ %Wate

____ Feet of ____ %Gas ____ %Oil ____ %Mud ____ %Wate

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Remarks ____

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

Top Recorder No. 11088 Clock No. 47441 Depth 3339 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11087 Clock No. 47442 Depth 3342 Insurance NONE

Price of Job ____

Tool Operator Gene Ludig

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.

No 11128

API#15-185-22952

Superior Testers Enterprises, Inc.

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

CONFIDENTIAL

Date 2-11-1994 Location SO'-S-½-½-½-SE 1-21S-11W Elevation 1753 K.B. County Stafford

Company F.G. Holl Company L.L.C. Number of Copies 5

Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe #2923 I.D. Drill Pipe 3.80 Tool Joint Size 4½" X.H.

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

Length Drill Collars 397 I.D. Drill Collars 2.25 Tool Joint Size 4½" X.H.

Top Packer Depth 3336 Bottom Packer Depth 3341 Number of Packers 2 Packer Size 6¾"

TESTED FROM 3341 TO 3365 ANCHOR LENGTH 24 TOTAL DEPTH 3365 Hole Size 7⅞

LEASE & WELL NO. MANNING "I" 1-2 FORMATION TESTED Viola Chert TEST NO. 2

Mud Weight 9.5+ Viscosity 47 Water Loss 9.4 Chlorides - Pits 4000 D.S.T. 28000

Maximum Temp. 109 °F Initial Hydrostatic Pressure (A) 1693 P.S.I. Final Hydrostatic Pressure (H) 1671 P.S.I.

Tool Open I.F.P. from 11:30 Pm to 12:00 Am 30 min
Tool Closed I.C.I.P. from 12:00 Am to 1:00 Am 60 min
Tool Open F.F.P. from 1:00 Am to 2:00 Am 60 min
Tool Closed F.C.I.P. from 2:00 Am to 3:30 Am 90 min

from [B] 55 P.S.I. to [C] 141 P.S.I.
[D] 998 P.S.I.
from [E] 144 P.S.I. to [F] 222 P.S.I.
[G] (APPROX 60 min) 932 to 965 P.S.I.

Initial Blow WEAK building blow built to 9 inches into the water

Final Blow WEAK building blow built to 10 inches into the water

Total Feet Recovered 375 Gravity of Oil ____ Correc

0/35 Feet of MUDDY WATER	%Gas	%Oil	%Mud	%Wa
120 Feet of SLIGHTLY MUDDY WATER	%Gas	%Oil	%Mud	%Wa
120 Feet of ~~MUDDY~~ WATER WITH A TRACE OF	%Gas	%Oil	%Mud	%Wa
Feet of	%Gas	%Oil	%Mud	%Wa
Feet of	%Gas	%Oil	%Mud	%Wa
Feet of	%Gas	%Oil	%Mud	%Wa
Feet of	%Gas	%Oil	%Mud	%Wa
Feet of	%Gas	%Oil	%Mud	%Wa
Feet of	%Gas	%Oil	%Mud	%Wa

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Remarks RESISTIVITY .37 AT 64 DEGREES

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

Top Recorder No. 11088 Clock No. 47441 Depth 3359 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11087 Clock No. 47442 Depth 3362 Insurance NONE

Price of Job ____

Tool Operator Lane Budig

Approved By ____

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API #15-185-22952

Superior Testers Enterprises, Inc.

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

CONFIDENTIAL

Date 2-12-1993 Location SO's-S/2-S/2-S/4 1-21S-11W Elevation 1753 K.B. County Stafford

Company F.G. Holl Company Number of Copies 5

Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe 2949 I.D. Drill Pipe 3.80 Tool Joint Size 4½" X.H.

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

Length Drill Collars 397 I.D. Drill Collars 2.25 Tool Joint Size 4½" X.H.

Top Packer Depth 3362 Bottom Packer Depth 3367 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3367 TO 3396 ANCHOR LENGTH 29 TOTAL DEPTH 3396 Hole Size 7⅞

LEASE & WELL NO. Manning # 1-2 FORMATION TESTED Simpson Sand & Arbuckle TEST NO. 2

Mud Weight 9.3 Viscosity 85 Water Loss 9.4 Chlorides - Pits 9000 D.S.T.

Maximum Temp. 109 °F Initial Hydrostatic Pressure (A) 1693 P.S.I. Final Hydrostatic Pressure (H) 1660 P.S.

Tool Open I.F.P. from 3:30 Pm to 4:00 Pm 30 min
Tool Closed I.C.I.P. from 4:00 Pm to 5:00 Pm 60 min
Tool Open F.F.P. from 5:00 Pm to 5:30 Pm 30 min
Tool Closed F.C.I.P. from 5:30 Pm to 6:30 Pm 60 min

from [B] 66 P.S.I. to [C] 66 P.S.I.
[D] 523 P.S.I.
from [E] 66 P.S.I. to [F] 66 P.S.I.
[G] 321 P.S.I.

Initial Blow WEAK blow built to 1 inch DECREASED & DIED in 25 minutes

Final Blow NO blow

Total Feet Recovered 5 Gravity of Oil Correct

5 Feet of Drilling Mud with A Good show of oil Gas % Oil % Mud % Wat
Feet of ON the BLANKED off outside RECORDER Gas % Oil % Mud % Wat
Feet of Gas % Oil % Mud % Wat
Feet of Gas % Oil % Mud % Wat
Feet of Gas % Oil % Mud % Wat
Feet of Gas % Oil % Mud % Wat
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WICHITA, KS

Remarks

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

Top Recorder No. 11088 Clock No. 47441 Depth 3390 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11087 Clock No. 47442 Depth 3393 Insurance NONE

Price of Job

Tool Operator Gene Rudy

Approved By

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No 11130

API # 15-185-22452

Superior Testers Enterprises, Inc.

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

Date 12-13-1994 Location 50'S-E/2-E/2-S/2 1-21S-11W Elevation 1753 K.B. County Stafford

Company E.G. Hall Company Number of Copies 5

Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Steelina Rig #4

Length Drill Pipe 3973' I.D. Drill Pipe 3.80 Tool Joint Size 4½" X.H.

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

Length Drill Collars 397 I.D. Drill Collars 2.25 Tool Joint Size 4½" X.H.

Top Packer Depth 3386 Bottom Packer Depth 3391 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3391 TO 3401 ANCHOR LENGTH 10 TOTAL DEPTH 3401 Hole Size 7 7/8"

LEASE & WELL NO. Manning #1-2 FORMATION TESTED Arbuckle TEST NO. 4

Mud Weight 9.3 Viscosity 85 Water Loss 9.4 Chlorides - Pits 9000 D.S.T. 21000

Maximum Temp. 112 °F Initial Hydrostatic Pressure (A) 1704 P.S.I. Final Hydrostatic Pressure (H) 1671 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 3:45 Am 60 min

Tool Open F.F.P. from 3:45 Am to 4:45 Am 60 min

Tool Closed F.C.I.P. from 4:45 Am to 6:15 Am 90 min

from [B] 78 P.S.I. to [C] 111 P.S.I.

[D] 1086 P.S.I.

from [E] 133 P.S.I. to [F] 200 P.S.I.

[G] 1086 P.S.I.

Initial Blow WEAK building Blow built to 7½ inches into the water

Final Blow WEAK building Blow built to 10 inches into the water

Total Feet Recovered 370 Gravity of Oil Correct

2	Feet of CLEAN oil	% Gas	% Oil	% Mud	% Wat
38	Feet of SLIGHTLY oil cut WATERY mud	0 % Gas	2 % Oil	73 % Mud	25 % Wat
330	Feet of Slightly muddy water with a trace of oil	0 % Gas	0 % Oil	5 % Mud	95 % Wat
	Feet of LESS THAN 1% oil	% Gas	% Oil	% Mud	% Wat
	Feet of	% Gas	% Oil	% Mud	% Wa
	Feet of	% Gas	% Oil	% Mud	% Wa
	Feet of	% Gas	% Oil	% Mud	% Wa
	Feet of	% Gas	% Oil	% Mud	% Wa
	Feet of	% Gas	% Oil	% Mud	% Wa
	Feet of .48	% Gas	% Oil	% Mud	% Wa

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Remarks Resistivity .49 at 50 DEGREES
CORRECTED RW @ 112 DEGREES .218

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

Top Recorder No. 11088 Clock No. 47441 Depth 3395 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11087 Clock No. 47442 Depth 3398 Insurance NONE

Price of Job

Tool Operator Jesse Bailey

Approved By

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No. 11131