

22-24-17W

McBurney 3-22

ORIGINAL

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 9-27-99 Location N/E-S/E 1/4 22-21-17 Elevation 2117 K.F. County EDWARDSCompany F.G. Holl Company LLC Number of Copies 5Charts Mailed to 6427 East Kellogg PO Box 280167 Wichita, Kansas 67218-0167Drilling Contractor Steelhead Drilling Rig #4Length Drill Pipe _____ I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 1 1/2"Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONELength Drill Collars 290 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 1 1/2"Top Packer Depth 2315 Bottom Packer Depth 2320 Number of Packers 2 Packer Size 6 3/4"TESTED FROM 2320 TO 2359 ANCHOR LENGTH 39 TOTAL DEPTH 2359 Hole Size 7 1/2"LEASE & WELL NO. McBurney #3-22 FORMATION TESTED TOWANDA TEST NO. 3Mud Weight 9.6 Viscosity 45 Water Loss 12.9 Chlorides - Pits 276200 S.T.

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

Tool Open I.F.P. from _____ m to _____ m _____ min

from [B] _____ P.S.I. to [C] _____ P.S.I.

Tool Closed I.C.I.P. from _____ m to _____ m _____ min

[D] _____ P.S.I.

Tool Open F.F.P. from _____ m to _____ m _____ min

from [E] _____ P.S.I. to [F] _____ P.S.I.

Tool Closed F.C.I.P. from _____ m to _____ m _____ min

[G] _____ P.S.I.

Initial Blow _____ DEC 10 1999

Final Blow _____

Total Feet Recovered _____ CONSERVATION DIVISION _____ Gravity of Oil _____ Corr _____

WICHITA, KS

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % V

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % V

____ Feet of Hit a bridge at 660 Come _____ % Gas _____ % Oil _____ % Mud _____ % V____ Feet of Back out of the hole D.D. not _____ % Gas _____ % Oil _____ % Mud _____ % V____ Feet of Retest Drilled ahead to the _____ % Gas _____ % Oil _____ % Mud _____ % V____ Feet of fact Riley _____ % Gas _____ % Oil _____ % Mud _____ % V

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % V

____ Feet of Miss Raul _____ % Gas _____ % Oil _____ % Mud _____ % V

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % V

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % V

Remarks _____ FROM CONFIDENTIAL

Extra Equipment - Jars NONE Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONETop Recorder No. 28225 Clock No. Electronic Depth 2354 Cir. Sub NONE Sampler NONEBottom Recorder No. 13189 Clock No. 47441 Depth 2356 Insurance NONE

Price of Job _____

Tool Operator Steve Budy

Approved By _____

No 11805

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

ORIGINAL

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 9-27-1999 Location 1/2-3/4-1/2 22-21-11^W Elevation 2117.6 County EdwardsCompany F.B. Hall Company L.L.C. Number of Copies 5Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67228 0167Drilling Contractor Sterling Drilling Rig #4Length Drill Pipe 1944 I.D. Drill Pipe 3.80 Tool Joint Size 1 1/2" X H.Length Weight Pipe None I.D. Weight Pipe None Tool Joint Size NoneLength Drill Collars 290 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X H.Top Packer Depth 2250 Bottom Packer Depth 2255 Number of Packers 2 Packer Size 6 3/4"TESTED FROM 2255 TO 2295 ANCHOR LENGTH 40 TOTAL DEPTH 2295 Hole Size 7 1/2"LEASE & WELL NO. McBurey #3-22 FORMATION TESTED Wichita TEST NO. 2Mud Weight 9.4 Viscosity 47 Water Loss 13.4 Chlorides - Pits 73000 D.S.I.Maximum Temp. 86 °F Initial Hydrostatic Pressure (A) 1179 P.S.I. Final Hydrostatic Pressure (H) 1162 PTool Open I.F.P. from 4:45 A.M. to 5:00 P.M. 15 minTool Closed I.C.I.P. from 5:00 A.M. to 5:30 P.M. 30 minTool Open F.F.P. from 5:30 A.M. to 6:30 P.M. 60 minTool Closed F.C.I.P. from 6:30 P.M. to 7:30 P.M. 60 minInitial Blow Weak blow for 7 minutes & DISOFinal Blow Weak blow down blow built to the bottom of 45 Galbu bucket in 15 minTotal Feet Recovered 120 Gravity of Oil _____ Corrosion _____120 Feet of DEEP SLIGHTLY GAS CH. DRILLING MUD % Gas _____ % Oil _____ % Mud _____ % V.

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % V.

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % V.

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_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % V.

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % V.

_____ Feet of FROM CONFIDENTIAL % Gas _____ % Oil _____ % Mud _____ % V.

Remarks _____

Extra Equipment - Jars None Safety Joint Yes Extra Packer None Straddle None Hook Wall NoneTop Recorder No. 78225 Clock No. Electronic Depth 2288 Cir. Sub None Sampler NoneBottom Recorder No. 13189 Clock No. 42441 Depth 2292 Insurance None

Price of Job _____

Tool Operator Don Bailey

Approved By _____

No 13875

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F.G. Hall Co.
McBurney 3-22
15-047-21438

22-24-17W

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 9-26-1999 Location 1/2-3/4-1/2 22245-17W Elevation 2117 K.B. County Edwards

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

Charts Mailed to 6427 East Kellogg P.O. Box 780167 W. CHICAGO KANSAS 67278-0167

Drilling Contractor STERLING Drilling Rig #4

Length Drill Pipe 1836 I.D. Drill Pipe 3.50 Tool Joint Size 4 1/2" X 4"

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

Length Drill Collars 290.5 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 1 1/2"

Top Packer Depth 2192 Bottom Packer Depth 2197 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 2197 TO 2240 ANCHOR LENGTH 43 TOTAL DEPTH 2240 Hole Size 7

LEASE & WELL NO. McBurney-Krider FORMATION TESTED McBurney 3-22 TEST NO. 1

Mud Weight 9.4 Viscosity 47 Water Loss 13.2 Chlorides - Pits 73000 D.S.T. _____

Maximum Temp. 88 °F Initial Hydrostatic Pressure (A) 1117 P.S.I. Final Hydrostatic Pressure (H) 1153

Tool Open I.F.P. from 2:20 P.m. to 2:35 P.m. 15 min

Tool Closed I.C.I.P. from 2:35 P.m. to 3:05 P.m. 30 min

Tool Open F.F.P. from 3:05 P.m. to 3:20 P.m. 15 min

Tool Closed F.C.I.P. from 3:20 P.m. to 3:50 P.m. 30 min

Initial Blow WEAK blow for 7 minutes & Died

Final Blow WEAK blow for 5 minutes & Died

RELEASED

Total Feet Recovered 75 Gravity of Oil _____ Corr _____

75 Feet of Drilling Mud DEC 17 2001 % Gas _____ % Oil _____ % Mud _____ % Sol _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Sol _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Sol _____

_____ Feet of Plugging or Final Flow % Gas _____ % Oil _____ % Mud _____ % Sol _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Sol _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Sol _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Sol _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Sol _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Sol _____

Remarks _____

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

Top Recorder No. ELECTRONIC Clock No. 78225 Depth 2133 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13189 Clock No. 41141 Depth 2137 Insurance NONE

Price of Job _____

Tool Operator _____

Approved By _____

Nº 13874

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ORIGINAL

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 9-28-1999 Location 4 1/2 - 5 1/2 - 1/2 - 22-25-17 Elevation 2117.15 County Edwards
 Company F.C. Hill Company LLC Number of Copies 5
 Charts Mailed to 6427 East Kellogg Road Box 78016 Wichita Kansas 67278-0116
 Drilling Contractor Sterling Drilling 216-4
 Length Drill Pipe 1953 I.D. Drill Pipe 3.30 Tool Joint Size 4 1/2" X 1 1/2"
 Length Weight Pipe none I.D. Weight Pipe none Tool Joint Size none
 Length Drill Collars 290 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 1 1/2"
 Top Packer Depth 2359 Bottom Packer Depth 2364 Number of Packers 2 Packer Size 6 3/4"
 TESTED FROM 2364 TO 2381 ANCHOR LENGTH 17' TOTAL DEPTH 2381 Hole Size 7 3/4"
 LEASE & WELL NO. McBain #322 FORMATION TESTED Fort Riley TEST NO. 4
 Mud Weight 9.4 Viscosity 45 Water Loss 12.8 Chlorides - PPM 67000 D.S.T. 0.000
 Maximum Temp. 82 °F Initial Hydrostatic Pressure (A) 1187 P.S.I. Final Hydrostatic Pressure (H) 1174 P.S.I.
 Tool Open I.F.P. from 12:30 A m to 1:00 A m 30 min
 Tool Closed I.C.I.P. from 1:00 A m to 2:00 A m 60 min
 Tool Open F.F.P. from 2:00 A m to 3:00 A m 60 min
 Tool Closed F.C.I.P. from 3:30 A m to 4:30 A m 90 min
 Initial Blow Strange blow Gas to Surface in 5 minutes
 Final Blow Strange Blow See Gas Flow Report
 Total Feet Recovered 250 Gravity of Oil _____ Correc: _____
250 Feet of 9 1/2" HILY m + 009 water % Gas _____ % Oil _____ % Mud _____ % W _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % W _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % W _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % W _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % W _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % W _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % W _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % W _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % W _____
 _____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % W _____

Remarks FROM CONFIDENTIAL

Extra Equipment - Jars none Safety Joint yes Extra Packer none Straddle none Hook Wall none
 Top Recorder No. 38257825 Clock No. Electronic Depth 2374 Cir. Sub none Sampler none
 Bottom Recorder No. 13189 Clock No. 41441 Depth 2378 Insurance none

Price of Job _____

Tool Operator Don Dultz

Approved By _____

N9 11803

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to property or personnel of the one for whom a test is made, or for any loss sustained, directly or indirectly, through the use of its equipment, or its statement 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.

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

GAS FLOW RATE

ORIGINAL

(316) 792-6902

#

STATE..... KANSAS

Test Date 9/28/99

COUNTY..... EDWARDS

Sec Town Range 22-21S-17W

FIELD.....

Report Number 11803

Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED AT 12:30 WITH GAS TO SURFACE IN 3 MINUTES	1:00	30		34			1043.000

Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED	2:10	10		34			1043.000
AT 2:00	2:20	20		32			994.000
	2:30	30		31			973.000
	2:40	40		31			973.000
	2:50	50		31			973.000
	3:00	60		31			973.000

RECEIVED
KANSAS CORPORATION COMMISSION

RELEASED

DEC 10 1999

DEC 17 2001

CONSERVATION DIVISION
WICHITA, KS

FROM CONFIDENTIAL

ORIGINAL

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 9-28-1999 Location 4E-S-E-22-21S-17W Elevation 2117 KB County Edwards
 Company F.G. Hall Company LLC Number of Copies 5
 Charts Mailed to 6427 East Kennedy Rd. Box 780167 Wichita Kansas 67278-0167
 Drilling Contractor Starline Drilling Rig #4
 Length Drill Pipe 2092 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" x 11
 Length Weight Pipe none I.D. Weight Pipe none Tool Joint Size none
 Length Drill Collars 290 I.D. Drill Collars 2.25 Tool Joint Size 5 1/2" x 11
 Top Packer Depth 2398 Bottom Packer Depth 2403 Number of Packers 2 Packer Size 6 3/4
 TESTED FROM 2403 TO 2439 ANCHOR LENGTH 36 TOTAL DEPTH 2439 Hole Size 7 1/2
 LEASE & WELL NO. McBarnes 3-22 FORMATION TESTED Flint Hills TEST NO. 5
 Mud Weight 9.7 Viscosity 59 Water Loss 12.4 Chlorides - Pits 6400 D.S.T. 7000
 Maximum Temp. 90 °F Initial Hydrostatic Pressure (A) 1234 P.S.I. Final Hydrostatic Pressure (H) 1228
 Tool Open I.F.P. from 2:00 P.m. to 2:30 P.m. min
 Tool Closed I.C.I.P. from 2:30 P.m. to 3:30 P.m. min
 Tool Open F.F.P. from 3:30 P.m. to 4:30 P.m. min
 Tool Closed F.C.I.P. from 4:30 P.m. to 6:00 P.m. min
 Initial Blow Straw blow Gas to Surface
 Final Blow Straw blow See Gas flow to Pack
 Total Feet Recovered 325 Gravity of Oil _____ Corr _____
75 Feet of Grassy mud %Gas _____ %Oil _____ %Mud _____ %V _____
250 Feet of SL. GRAY mudst Grassy water %Gas _____ %Oil _____ %Mud _____ %V _____
 _____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %V _____
 _____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %V _____
 _____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %V _____
 _____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %V _____
 _____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %V _____
 _____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %V _____
 _____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %V _____
 _____ Feet of _____ %Gas _____ %Oil _____ %Mud _____ %V _____

RECEIVED

KANSAS CORPORATION COMMISSION

RELEASED

DEC 10 1999

DEC 17 2001

CONSERVATION DIVISION
WICHITA, KS

Remarks

FROM CONFIDENTIAL

Extra Equipment - Jars none Safety Joint yes Extra Packer none Straddle none Hook Wall noneTop Recorder No. 78225 Clock No. 5666 Depth 24332 Cir. Sub none Sampler noneBottom Recorder No. 13189 Clock No. 41441 Depth 2436 Insurance none

Price of Job _____

Tool Operator Don Sudzy

Approved By _____

No 11804

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

SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

GAS FLOW RATE

(316) 792-6902

#

ORIGINAL

STATE..... 12-21S-17W

Test Date 9/28/99

COUNTY..... EDWARDS

Sec Town Range 1/22/00

FIELD.....

Report Number 11804

Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED AT 2:00 GAS WAS ODORLESS	2:25	25	80			1/2	56.100

Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPENED AT 3:30	3:40	10	14			1	97.300
	3:50	20	14			1	97.300
	4:00	30	14			1	97.300
	4:10	40	14			1	101.000
	4:20	50	14			1	103.000
	4:30	60	14			1	103.000

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 10 1999

RELEASED

CONSERVATION DIVISION
WICHITA, KS

DEC 17 2001

FROM CONFIDENTIAL

Superior Testers Enterprises, Inc.

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

(316) 792-6902

2117 K.B

Date 9-29-1999 Location N 1/4 Sec 22 T17N R17W Elevation 21086L County Ellis

Company F.C. Hall Company L.L.C. Number of Copies 5

Charts Mailed to 1427 East Keweenaw P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe 2359 I.D. Drill Pipe 380 Tool Joint Size 4 1/2" X 11

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

Length Drill Collars 890 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 11

Top Packer Depth 2665 Bottom Packer Depth 2670 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 2670 TO 2697 ANCHOR LENGTH 27 TOTAL DEPTH 2697 Hole Size 7 1/2"

LEASE & WELL NO. McBarnes #3-22 FORMATION TESTED Cottawood TEST NO. 6

Mud Weight 8.4 Viscosity 42 Water Loss 10 Chlorides - Pits 8200 D.S.T.

Maximum Temp. 90 °F Initial Hydrostatic Pressure (A) 1249 P.S.I. Final Hydrostatic Pressure (H) 1243 P.S.I.

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

from [B] 329 P.S.I. to [C] 639 P.S.I.

Tool Closed I.C.I.P. from 3:15 Pm to 3:45 Pm 30 min

[D] 742 P.S.I.

Tool Open F.F.P. from 3:45 Pm to 4:00 Pm 15 min

from [E] 581 P.S.I. to [F] 726 P.S.I.

Tool Closed F.C.I.P. from 4:00 Pm to 4:30 Pm 30 min

[G] 740 P.S.I.

Initial Blow WEAK blow for 5 minutes & Dis

Final Blow no blow flushed tool Good Surge in hole

Total Feet Recovered 50 Gravity of Oil Corre

Feet of Drilling mud RECEIVED % Gas % Oil % Mud % W

Feet of KANSAS CORPORATION COMMISSION % Gas % Oil % Mud % W

Feet of RELEASED DEC 10 1999 % Gas % Oil % Mud % W

Feet of DEC 17 2001 % Gas % Oil % Mud % W

Feet of CONSERVATION DIVISION % Gas % Oil % Mud % W

Feet of FROM CONFIDENTIAL WICHITA, KS % Gas % Oil % Mud % W

Feet of % Gas % Oil % Mud % W

Feet of Miss Run - SLID TOOL 3-4 % Gas % Oil % Mud % W

Feet of feet to Bottom % Gas % Oil % Mud % W

Remarks SEVERE PLUGGING ON BOTH STAGNANT Recovery of Shut-In is Questionable

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

Top Recorder No. 78225 Clock No. Electron Depth 2690 Cir. Sub none Sampler none

Bottom Recorder No. 13189 Clock No. 47441 Depth 2694 Insurance none

Price of Job

Tool Operator Ken Gering

Approved By

ME 11806

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to property or personnel of the one for whom a test is made, or for any loss suffered sustained, directly or indirectly, through the use of its equipment, or its statement of 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.