

Keenan '06

API 15-009-24861-00-00

Superior Testers Enterprises, Inc. 21-17s-14w

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

Date 10-09-2005 Location 330/ESL 410/FNL 547/ 21-17^s-14^w Elevation 1874.56 County Barton

Company TENGASCO INC. Number of Copies 5

Charts Mailed to P.O. box 458 Hays Kansas 67601

Drilling Contractor Forrest Energy R.G #8

Length Drill Pipe 2902 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 NONE

Length Drill Collars 180 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 1 1/2"

Top Packer Depth 3096 Bottom Packer Depth 3101 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3101 TO 3135 ANCHOR LENGTH 34 TOTAL DEPTH 3135 Hole Size 2 7/8"

LEASE & WELL NO. KEENAN "8" #6 FORMATION TESTED LAUSING TEST NO. 1

Mud Weight 9.2 Viscosity 57 Water Loss 8.8 Chlorides - Pits 6500 D.S.T. 42000

Maximum Temp. 99 °F Initial Hydrostatic Pressure (A) 1542 P.S.I. Final Hydrostatic Pressure (H) 1461 P.S.I.

Tool Open I.F.P. from 4:00 pm to 4:45 pm 45 min

Tool Closed I.C.I.P. from 4:45 pm to 5:45 pm 60 min

Tool Open F.F.P. from 5:45 pm to 6:30 pm 45 min

Tool Closed F.C.I.P. from 6:30 pm to 7:30 pm 60 min

from [B]	<u>163</u>	P.S.I. to [C]	<u>210</u>	P.S.I.
[D]	<u>1021</u>			P.S.I.
from [E]	<u>205</u>	P.S.I. to [F]	<u>225</u>	P.S.I.
[G]	<u>419</u>			P.S.I.

Initial Blow Fair blow built to the bottom of a 5 Gallon bucket in 8 minutes

Final Blow Weak building blow built to the bottom of a 5 Gallon bucket in 41 minutes

Total Feet Recovered _____ Gravity of Oil _____ Corrected

100 Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

125 Feet of Very Thick Heavy mud % Gas _____ % Oil _____ % Mud _____ % Water

100 Feet of muddy water % Gas _____ % Oil _____ % Mud _____ % Water

200 Feet of SLIGHTLY MUDDY WATER % Gas _____ % Oil _____ % Mud _____ % Water

Feet of CHLORIDES 42000 % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of BAD PLUGGING ON THE INITIAL % Gas _____ % Oil _____ % Mud _____ % Water

Feet of Flow - PLUGGED when it was shut-in % Gas _____ % Oil _____ % Mud _____ % Water

Remarks FINAL FLOW & SHUT-IN CLEAN

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

Top Recorder No. 4005 Clock No. Electronic Depth 3131 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 41441 Depth 3132 Insurance NONE

Price of Job _____

Tool Operator Steve Budny

Approved By _____

No 14621

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.

21-17-14w

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 10-10-2005 Location 330^W 410^W 500^W 21-17-14^N Elevation 1866 G.L. County Barton

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Charts Mailed to P.O. Box 458 Hays Kansas 67601

Drilling Contractor Forrest Energy R. 6 # 8

Length Drill Pipe 2951 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 180 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 3145 Bottom Packer Depth 3150 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3150 TO 3197 ANCHOR LENGTH 47 TOTAL DEPTH 3197 Hole Size 7 7/8"

LEASE & WELL NO. KEENAN "8" #6 FORMATION TESTED Kansas City TEST NO. 2

Mud Weight 9.1 Viscosity 55 Water Loss 8.8 Chlorides - Pits 5000 D.S.T. 36000

Maximum Temp. 99 °F Initial Hydrostatic Pressure (A) 1545 P.S.I. Final Hydrostatic Pressure (H) 1511 P.S.I.

Tool Open I.F.P. from 12:30 p.m. to 1:00 p.m. 30 min

Tool Closed I.C.I.P. from 1:00 p.m. to 1:30 p.m. 30 min

Tool Open F.F.P. from 1:30 p.m. to 2:00 p.m. 30 min

Tool Closed F.C.I.P. from 2:00 p.m. to 2:30 p.m. 30 min

from [B]	<u>33</u>	P.S.I. to [C]	<u>50</u>	P.S.I.
[D]	<u>485</u>			P.S.I.
from [E]	<u>62</u>	P.S.I. to [F]	<u>85</u>	P.S.I.
[G]	<u>471</u>			P.S.I.

Initial Blow WEAK blow built to 1 inch into the water DECREASED to WEAK intermittent

Final Blow VERY WEAK Surface blow to a WEAK intermittent blow throughout

Total Feet Recovered 125 Gravity of Oil _____ Corrected

125 Feet of muddy water CHLORIDES 26000 % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

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_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

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

Top Recorder No. H005 Clock No. Electronic Depth 3193 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 5463 Clock No. 9744 Depth 3194 Insurance NONE

Price of Job _____

Tool Operator Tom Rudy

Approved By _____

No. 14622

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.

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