

TRILOBITE TESTING L.L.C.

12-175-13W

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

8510

Linsner

15-009-24600

| | | |
|---|---------------------------------------|--|
| Well Name & No. <u>Linsner #3</u> | Test No. <u>1</u> | Date <u>10-2-95</u> |
| Company <u>Rang Oil Co</u> | Zone Tested <u>KC</u> | |
| Address <u>3425 Tom O'Shanter Lawrence KS 66047</u> | | Elevation <u>1916</u> KB <u> </u> GL <u> </u> |
| Co. Rep / Geo. <u>Roger Walty</u> | Cont. <u>Duke #1</u> | Est. Ft. of Pay <u> </u> Por. <u> </u> % <u> </u> |
| Location: Sec. <u>12</u> | Twp. <u>17s</u> | Rge. <u>13w</u> Co. <u>Barton</u> State <u>Ks</u> |
| No. of Copies <u> </u> | Distribution Sheet (Y, N) <u> </u> | Turnkey (Y, N) <u>Y</u> Evaluation (Y, N) <u> </u> |

| | | |
|--|---|--------------------------------------|
| Interval Tested <u>3182-3230</u> | Initial Str Wt./Lbs. <u> </u> | Unseated Str Wt./Lbs. <u> </u> |
| Anchor Length <u>48</u> | Wt. Set Lbs. <u> </u> | Wt. Pulled Loose/Lbs. <u> </u> |
| Top Packer Depth <u>3177</u> | Hole Size — 7 7/8" <u> </u> | Rubber Size — 6 3/4" <u> </u> |
| Bottom Packer Depth <u>3182</u> | Wt. Pipe I.D. — 2.7 Ft. Run <u> </u> | |
| Total Depth <u>3230</u> | Drill Collar — 2.25 Ft. Run <u> </u> | |
| Mud Wt. <u>9.3</u> LCM <u> </u> Vis. <u>49</u> WL <u>8.8</u> | Drill Pipe Size <u>4" L11</u> | Ft. Run <u>3176</u> <u>51 sticks</u> |
| Blow Description <u>1" blow building to bottom of bucket in 13 minutes</u> | | |
| <u>ISI - no blow -</u> | | |
| <u>FF - ul weak surface blow building to bottom in 40 minutes</u> | | |
| <u>ESI - no blow</u> | | |

| Recovery — Total Feet | Ft. in DC | Ft. in WP | Ft. in DP | %gas | %oil | %water | %mud |
|-----------------------|---|-----------|-----------|------|------|-----------|-----------|
| Rec. <u>180</u> | Feet Of <u>sl water, mud w/ oil spk</u> | | | | | | |
| Rec. <u>180</u> | Feet Of <u>Mud, sulfur water</u> | | | | | <u>50</u> | <u>20</u> |
| Rec. <u> </u> | Feet Of <u> </u> | | | | | | |
| Rec. <u> </u> | Feet Of <u> </u> | | | | | | |
| Rec. <u> </u> | Feet Of <u> </u> | | | | | | |

BHT 104 °F Gravity °API @ °F Corrected Gravity °API

RW .29 @ 63 °F Chlorides 27000 ppm Recovery Chlorides 6000 ppm System

| | | |
|---|-------------------------------------|-----------------------|
| (A) Initial Hydrostatic Mud <u>1590</u> PSI | Recorder No. <u>24174</u> | T-Started <u>0625</u> |
| (B) First Initial Flow Pressure <u>59</u> PSI | @ (depth) <u>3224</u> | T-Open <u>0738</u> |
| (C) First Final Flow Pressure <u>97</u> PSI | Recorder No. <u>10994</u> | T-Pulled <u>10:53</u> |
| (D) Initial Shut-in Pressure <u>270</u> PSI | @ (depth) <u>3217</u> | T-Out <u>12:05</u> |
| (E) Second Initial Flow Pressure <u>142</u> PSI | Recorder No. <u> </u> | |
| (F) Second Final Flow Pressure <u>179</u> PSI | @ (depth) <u> </u> | |
| (G) Final Shut-in Pressure <u>270</u> PSI | Initial Opening <u>30</u> | Test <u> </u> |
| (H) Final Hydrostatic Mud <u>1530</u> PSI | Initial Shut-in <u>NOV 5 8 1995</u> | Jars <u> </u> |

Final Flow 60 Safety Joint

Final Shut-in 60 Straddle

 Circ. Sub

 Sampler

 Extra Packer

 Elect. Rec.

 Other

TOTAL PRICE \$

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR 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.

Approved By Roger Walty

Our Representative Paul Simpson