

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Computer inventoried

COPY

Drill-Stem Test Data

Well Name & No. <u>RDHR #1</u>	Test No. <u>1</u>	Date <u>8/14/90</u>
Company <u>CHALLENGER EXPLORATION</u>	Zone Tested <u>KS CITY "E"</u>	
Address P.O. <u>BOX 1112 HAYS KANSAS 67601</u>	Elevation <u>2055</u>	
Co. Rep./Geo <u>MR PAUL MONTOIA</u>	Cont. <u>TRI UNITED</u>	Est. Ft. of Pay <u>0</u>
Location: Sec. <u>20</u>	Twp. <u>14S</u>	Rge. <u>18W</u> Co. <u>ELLIS</u> State <u>KANSAS</u>

Interval Tested <u>3414-3450</u>	Drill Pipe Size <u>4.5" FH</u>
Anchor Length <u>36</u>	Top Choke — 1" Bottom Choke — 1/4"
Top Packer Depth <u>3409</u>	Hole Size — 7 7/8" Rubber Size — 6 3/4"
Bottom Packer Depth <u>3414</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>0</u>
Total Depth <u>3450</u>	Drill Collar — 2.25 Ft. Run <u>60</u>
Mud Wt. <u>9.6</u> lb/gal.	Viscosity <u>42</u> Filtrate <u>10.4</u>
Tool Open @ <u>7:53 AM</u>	Initial Blow <u>WEAK SURFACE BLOW BUILDING TO 1"</u>

Final Blow VERY WEAK SURFACE BLOW BUILDING TO 1/8"

Recovery — Total Feet <u>20</u>	Flush Tool? _____
Rec. <u>20</u> Feet of <u>SLIGHTLY OIL SPECKED MUD-(FREE OIL IN TOOL)</u>	
Rec. <u>0</u> Feet of _____	
Rec. <u>0</u> Feet of _____	
Rec. <u>0</u> Feet of _____	
Rec. <u>0</u> Feet of _____	

BHT 108 °F Gravity _____ °API @ 0 °F Corrected Gravity 0 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud <u>1560.2</u> PSI	Ak1 Recorder No. <u>2023</u>	Range <u>4000</u>
(B) First Initial Flow Pressure <u>21.3</u> PSI	@ (depth) <u>3420</u>	w/Clock No. <u>31152</u>
(C) First Final Flow Pressure <u>34.6</u> PSI	Ak1 Recorder No. <u>24174</u>	Range <u>3350</u>
(D) Initial Shut-In Pressure <u>441.6</u> PSI	@ (depth) <u>3429</u>	w/Clock No. <u>17639</u>
(E) Second Initial Flow Pressure <u>39.8</u> PSI	Ak1 Recorder No. <u>0</u>	Range <u>0</u>
(F) Second Final Flow Pressure <u>39.8</u> PSI	@ (depth) <u>0</u>	w/Clock No. <u>0</u>
(G) Final Shut-In Pressure <u>367.8</u> PSI	Initial Opening <u>30</u>	
(H) Final Hydrostatic Mud <u>1533.4</u> PSI	Initial Shut-In <u>60</u>	
	Final Flow <u>15</u>	
	Final Shut-In <u>30</u>	

MR PAUL SIMPSON

400

Our Representative _____

TOTAL PRICE \$ _____

20-14-18W