

15-067-21226

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

24-295-35w

COPY

No 5580

Test Ticket

Well Name & No. <u>Koehn 1-24</u>	Test No. <u>1</u>	Date <u>7-26-93</u>
Company <u>Punne Equities Inc</u>	Zone Tested <u>Morrow</u>	
Address <u>800 East Street N.B. Building 100 Wichita</u>	Elevation <u>3031 KB</u>	
Co. Rep./Geo <u>Bob Posey</u>	Cont <u>Zenith Rig 7</u>	Est. Ft. of Pay <u>6</u>
Location: Sec. <u>24</u> Twp. <u>29</u> Rge. <u>35W</u> Co. <u>Grant</u> State <u>Ks</u>		
No. of Copies <u>9</u> Distribution Sheet _____ Yes <u>X</u> No _____ Turnkey _____ Yes <u>X</u> No _____ Evaluation _____		

Interval Tested 5280-5310 Drill Pipe Size 4 1/2 FH
 Anchor Length 60 Top Choke — 1" Bottom Choke — 3/4"
 Top Packer Depth 5276 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 5280 Wt. Pipe I.D. — 2.7 Ft. Run —
 Total Depth 5310 Drill Collar — 2.25 Ft. Run 499 (H-90)
 Mud Wt. 8.9 lb/gal. Viscosity 58 Filtrate 7.4
 Tool Open @ 2:40 AM Initial Blow Weak Surface blow

Final Blow Very Weak Surface blow died in 10 min

Recovery — Total Feet 5 Feet of Gas in Pipe — Flush Tool? NO

Rec.	Feet Of	% gas	% oil	% water	% mud
Rec. <u>5</u>	Feet Of <u>Drill Mud</u>	% gas	% oil	% water <u>100</u>	% mud
Rec. _____	Feet Of _____	% gas	% oil	% water	% mud
Rec. _____	Feet Of _____	% gas	% oil	% water	% mud
Rec. _____	Feet Of _____	% gas	% oil	% water	% mud

BHT 122 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud <u>2530</u>	PSI	Ak1 Recorder No. <u>13850</u>	Range <u>4325</u>
(B) First Initial Flow Pressure <u>42</u>	PSI	@ (depth) <u>5284</u>	W/Clock No. <u>17639</u>
(C) First Final Flow Pressure <u>42</u>	PSI	Ak1 Recorder No. <u>13851</u>	Range <u>4425</u>
(D) Initial Shut-In Pressure <u>53</u>	PSI	@ (depth) <u>5337</u>	W/Clock No. <u>27585</u>
(E) Second Initial Flow Pressure <u>32</u>	PSI	Ak1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>32</u>	PSI	@ (depth) _____	W/Clock No. _____
(G) Final Shut-In Pressure <u>32</u>	PSI	Initial Opening <u>15</u>	Test <u>X</u>
(H) Final Hydrostatic Mud <u>2530</u>	PSI	Initial Shut-In <u>30</u>	Jars <u>X</u>

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.

Final Flow 30 Safety Joint X

Final Shut-In 45 Straddle _____

Circ. Sub X N/C

Sampler _____

Extra Packer _____

Other _____

TOTAL PRICE \$ _____

Approved By Bob Posey

Our Representative R. Calho

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Drill-Stem Test Data

Well Name KOEHN #1-24 Test No. 1 Date 7/26/93
Company DUNNE EQUITIES, INC. Zone MORROW
Address 8100 E 22nd ST N/#1100 WICHITA KS 67202 Elevation 3031
Co. Rep./Geo. BOB POSEY Cont. ZENITH RIG #7 Est. Ft. of Pay 6
Location: Sec. 24 Twp. 29S Rge. 35W Co. GRANT State KS

Interval Tested 5280-5340 Drill Pipe Size 4.5" FH
Anchor Length 60 Wt. Pipe I.D. - 2.7 Ft. Run
Top Packer Depth 5276 Drill Collar - 2.25 Ft. Run 499/H-90
Bottom Packer Depth 5280 Mud Wt. 8.9 lb/Gal.
Total Depth 5340 Viscosity 58 Filtrate 7.4

Tool Open @ 2:40 AM Initial Blow WEAK SURFACE BLOW

Final Blow VERY WEAK SURFACE BLOW DIED IN 10 MINUTES

Recovery - Total Feet 5 Flush Tool? NO

Rec. 5 Feet of DRILLING MUD
Rec. Feet of
Rec. Feet of
Rec. Feet of
Rec. Feet of

BHT 122 °F Gravity °API @ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 2533.1 PSI AK1 Recorder No. 13850 Range 4325

(B) First Initial Flow Pressure 58.7 PSI @ (depth) 5284 w / Clock No. 17639

(C) First Final Flow Pressure 21.3 PSI AK1 Recorder No. 13851 Range 4425

(D) Initial Shut-in Pressure 56.6 PSI @ (depth) 5337 w / Clock No. 27585

(E) Second Initial Flow Pressure 56.6 PSI AK1 Recorder No. Range

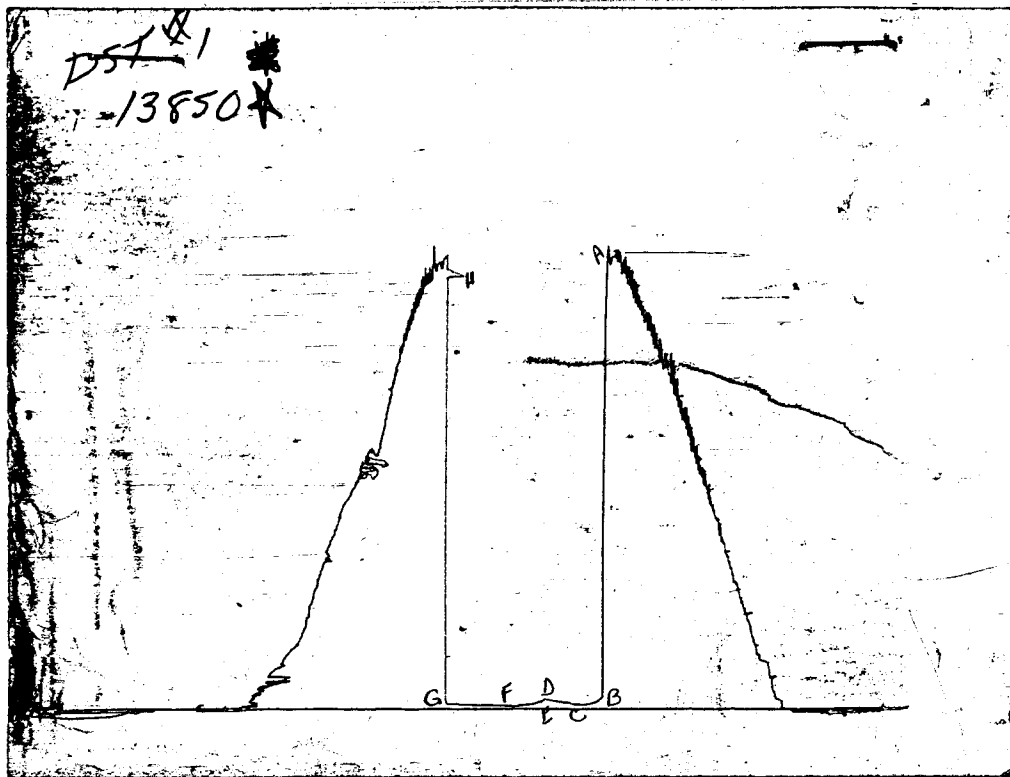
(F) Second Final Flow Pressure 22.4 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 32.0 PSI Initial Opening 15 Final Flow 30

(H) Final Hydrostatic Mud 2528.7 PSI Initial Shut-in 30 Final Shut-in 45

Our Representative ROBERT COLLINS

AUG 21 1993



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2530	2533.1
(B) FIRST INITIAL FLOW PRESSURE	42	58.7
(C) FIRST FINAL FLOW PRESSURE	42	21.3
(D) INITIAL CLOSED-IN PRESSURE	53	56.6
(E) SECOND INITIAL FLOW PRESSURE	32	56.6
(F) SECOND FINAL FLOW PRESSURE	32	22.4
(G) FINAL CLOSED-IN PRESSURE	32	32
(H) FINAL HYDROSTATIC MUD	2530	2528.7