

15-135-23950

11-17s-22w

**WELL NAME:** Pfaff #1  
**COMPANY:** Sunflower Exploration  
**LOCATION:** 11-17S-22W  
Ness County Kansas  
**DATE:** 09/19/96

TRILOBITE TESTING L.L.C.

OPERATOR : Sunflower Exploration DATE 09/19/96  
 WELL NAME: Pfaff #1 KB 2395.00 ft TICKET NO: 9436 DST #1  
 LOCATION : 11-17S-22W, Ness Cty KS GR 2387.00 ft FORMATION: Sand  
 INTERVAL : 4351.00 To 4422.00 ft TD 4422.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	10992	10992	24174			PF Fr. 1256 to 1341 hr
SI 45 Range(Psi )	4250.0	4250.0	3050.0	0.0	0.0	IS Fr. 1341 to 1426 hr
SF 45 Clock(hrs)	12	12	12			SF Fr. 1426 to 1511 hr
FS 45 Depth(ft )	4417.0	4417.0	4354.0	0.0	0.0	FS Fr. 1511 to 1556 hr

	Field	1	2	3	4	
A. Init Hydro	2351.0	2328.0	0.0	0.0	0.0	T STARTED 1121 hr
B. First Flow	87.0	76.0	0.0	0.0	0.0	T ON BOTM 1254 hr
Bl. Final Flow	142.0	138.0	0.0	0.0	0.0	T OPEN 1256 hr
C. In Shut-in	1073.0	1053.0	0.0	0.0	0.0	T PULLED 1556 hr
D. Init Flow	153.0	144.0	0.0	0.0	0.0	T OUT 1735 hr
E. Final Flow	207.0	191.0	0.0	0.0	0.0	
F. Fl Shut-in	998.0	991.0	0.0	0.0	0.0	
G. Final Hydro	2309.0	2299.0	0.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----  
 Tool Wt. 2200.00 lbs  
 Wt Set On Packer 20000.00 lbs  
 Wt Pulled Loose 60000.00 lbs  
 Initial Str Wt 44000.00 lbs  
 Unseated Str Wt 46000.00 lbs  
 Bot Choke 0.75 in  
 Hole Size 7.88 in  
 D Col. ID 2.25 in  
 D. Pipe ID 3.80 in  
 D.C. Length 30.00 ft  
 D.P. Length 4333.00 ft

RECOVERY

Tot Fluid 310.00 ft of 30.00 ft in DC and 280.00 ft in DP  
 180.00 ft of Watery mud w/specks of oil  
 130.00 ft of Water mud w/trace of oil - 10% water, 90% mud

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

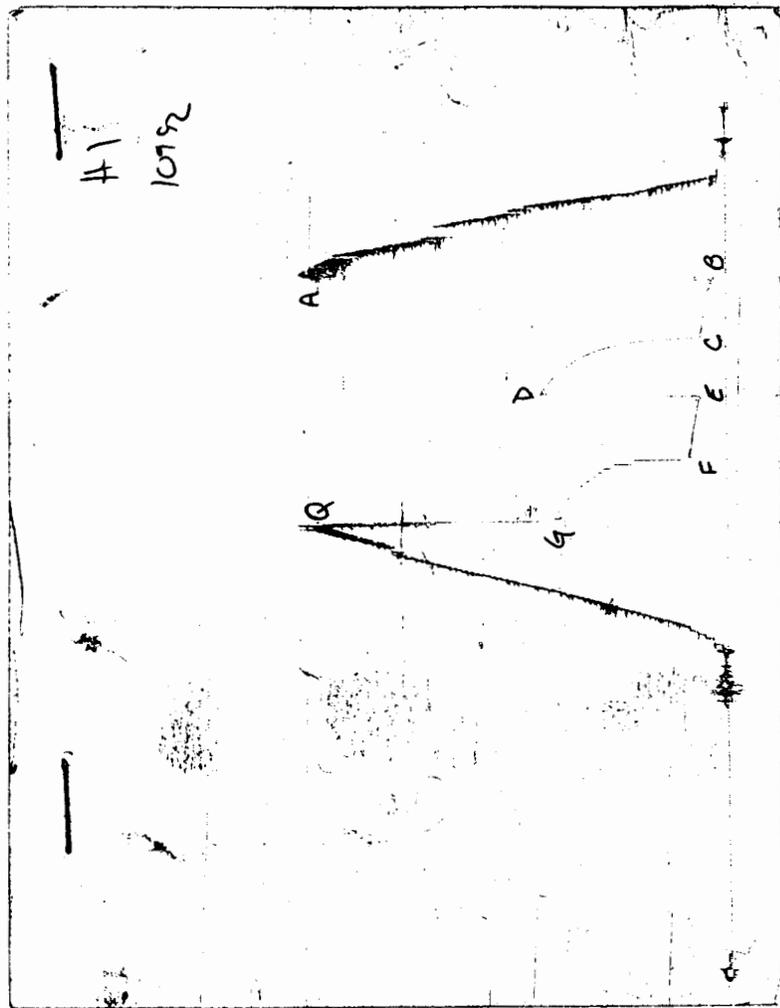
Initial Flow -  
 1" blow building to fair 9" blow  
 Final Flow -  
 Surface blow building to 5.5"

MUD DATA-----  
 Mud Type Chemical  
 Weight 9.20 lb/  
 Vis. 50.00 S/I  
 W.L. 10.40 in3  
 F.C. 0.00 in  
 Mud Drop  
 Amt. of fill 0.00 ft  
 Btm. H. Temp. 118.00 F  
 Hole Condition  
 % Porosity 0.00  
 Packer Size 6.75 in  
 No. of Packers 2  
 Cushion Amt. 0.00  
 Cushion Type  
 Reversed Out  
 Tool Chased  
 Tester Paul Simpson  
 Co. Rep. Ron Nelson  
 Contr. Discovery  
 Rig # 1  
 Unit #  
 Pump T.

SAMPLES:  
 SENT TO:

Test Successful: Y

CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 9436

Well Name & No. <u>P Staff #1</u>	Test No. _____	Date <u>9-19-96</u>
Company <u>Sunflower Exploration</u>	Zone Tested <u>Sand</u>	
Address <u>Rt 1 Box 5 Brownell Ks 67251</u>	Elevation <u>2395</u>	KB <u>2387</u> GL
Co. Rep / Geo. <u>Ron Nelson</u>	Cont. <u>Discovery #1</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>11</u>	Twp. <u>17s</u>	Rge. <u>22w</u> Co. <u>Ness</u> State <u>Ks</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>4351 - 4422</u>	Initial Str Wt./Lbs. <u>44,000</u>	Unseated Str Wt./Lbs. <u>46,000</u>
Anchor Length <u>71</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>60,000</u>
Top Packer Depth <u>4346</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>4351</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>4422</u>	Wt. Pipe Run _____	Drill Collar Run <u>30</u>
Mud Wt. <u>9.2</u> LCM _____ Vis. <u>50</u> WL <u>10%</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4333</u>
Blow Description <u>1" blow building to fair 9" blow</u>		

SS - surface blow building to 5 1/2"

Recovery — Total Feet <u>310</u>	GIP _____	Ft. in DC <u>30</u>	Ft. in DP <u>280</u>
Rec. <u>180</u> Feet Of <u>watery mud w/ specks of oil</u>	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. <u>130</u> Feet Of <u>watery mud</u>	%gas <u>tr</u>	%oil <u>10</u>	%water <u>90</u> %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____

BHT 118 °F Gravity \_\_\_\_\_ °API D@ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud <u>2351</u> PSI	Recorder No. <u>24174</u>	T-Started <u>1121</u>
(B) First Initial Flow Pressure <u>87</u> PSI	(depth) <u>4354</u>	T-Open <u>1356</u>
(C) First Final Flow Pressure <u>142</u> PSI	Recorder No. <u>10992</u>	T-Pulled <u>1556</u>
(D) Initial Shut-in Pressure <u>1073</u> PSI	(depth) <u>4417</u>	T-Out <u>1735</u>
(E) Second Initial Flow Pressure <u>153</u> PSI	Recorder No. _____	
(F) Second Final Flow Pressure <u>207</u> PSI	(depth) _____	
(G) Final Shut-in Pressure <u>998</u> PSI	Initial Opening <u>45</u>	Test <u>600</u>
(H) Final Hydrostatic Mud <u>2309</u> PSI	Initial Shut-in <u>45</u>	Jars _____

Final Flow 45 Safety Joint \_\_\_\_\_  
Final Shut-in 45 Straddle \_\_\_\_\_

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Approved By Ron Nelson  
Our Representative Paul Simpson

69.5 stay Circ. Sub \_\_\_\_\_  
Sampler \_\_\_\_\_  
Extra Packer \_\_\_\_\_  
Elect. Rec. \_\_\_\_\_  
Other \_\_\_\_\_  
TOTAL PRICE \$ 600