

24-24s-32w

ORIGINAL

Computer Inventoried

WELL NAME: Huston #3-24
COMPANY: Parker & Parsley Development
LOCATION: Sec. 24 Twp. 24S Rge. 32W
Finney County KS
DATE: 03/17/97

15-055-24546

KCC

AUG 1 1997

24-24s-32w

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 10 1997

CONSERVATION DIVISION
WICHITA, KS

TRILOBITE TESTING L.L.C.

OPERATOR : Parker & Parsley Develop
 WELL NAME: Huston #3-24
 LOCATION : 24-24S-32W Finney KS.
 INTERVAL : 4887.00 To 49240.00 ft

DATE 3-12-97
 KB 2894.00 ft TICKET NO: 9910 DST #1
 GR 2883.00 ft FORMATION: Mississippian
 TD 4924.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	13339	13339	2341			PF Fr. 1836 to 1851 hr
SI 45 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1851 to 1936 hr
SF 15 Clock(hrs)	12 HR	12 HR	Elec			SF Fr. 1936 to 1951 hr
FS 45 Depth(ft)	4919.0	4919.0	4890.0	0.0	0.0	FS Fr. 1951 to 2036 hr

	Field	1	2	3	4	
A. Init Hydro	2463.0	2486.0	2405.0	0.0	0.0	T STARTED 1555 hr
B. First Flow	20.0	60.0	12.0	0.0	0.0	T ON BOTM 1832 hr
B1. Final Flow	20.0	62.0	21.0	0.0	0.0	T OPEN 1836 hr
C. In Shut-in	1251.0	1315.0	1295.0	0.0	0.0	T PULLED 2036 hr
D. Init Flow	41.0	121.0	24.0	0.0	0.0	T OUT 2300 hr
E. Final Flow	41.0	99.0	32.0	0.0	0.0	
F. Fl Shut-in	1220.0	1270.0	1250.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2383.0	2348.0	2356.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 110000.00 lbs
						Initial Str Wt 90000.00 lbs
						Unseated Str Wt 90000.00 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 549.00 ft
						D.P. Length 4324.00 ft

RECOVERY

Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
 5.00 ft of Drilling Mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 1500.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type Chemical
 Weight 9.20 lb/cf
 Vis. 53.00 S/L
 W.L. 9.20 in3
 F.C. 0.00 in
 Mud Drop N

BLOW DESCRIPTION

Initial Flow:
 Weak surface blow steady @ 1/4"
 throughtout

Initial Shut In:

Final Flow:

No blow, flushed tool/ good surge,
 no return blow

Final Shut In:

No blow

SAMPLES:

SENT TO:

Amt. of fill 0.00 ft
 Btm. H. Temp. 118.00 F
 Hole Condition Good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Rod Steinbrink
 Co. Rep. Taylor/Mark
 Contr. Murfin
 Rig # 21
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Huston #3-24

LOCATION : 24-24S-32W Finney KS.

TICKET No. 9910 D.S.T. No. 1 DATE 3-12-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL 37

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 67

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands9 Single Total 549

D.P. ABOVE TOOLS.Stands69 Single 1 Total 4324

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4940

TOTAL DEPTH 4924

TOTAL DRILL PIPE ABOVE K.B. 16

REMARKS:

Gas;

Oil;

Water;

Mud;

Total Volume;

Pressure;

P.O. SUB 1' Above 120' DC	4737
C.O. SUB 1'	4857
S.I. TOOL 5'	4863
3' Sampler	4866
HMV 5'	4871
JARS 5'	4876
SAFETY JOINT 2'	4878
PACKER Top 4'	4882
PACKER Bottom 5'	4887
DEPTH STUBB 1'	4888
ANCHOR Alp. Rec. @ 4890	
31' Perf.	4919
T.C. DEPTH	
AK-1 Rec. @ 4919	
BULLNOSE 5'	
T.D.	4924

GAS RECOVERY

COMPANY: Parker & Parsley Develop DATE: 3-12-97
WELL NAME: Huston #3-24 KB Elev: 2894.00 ft TICKET #9910 DST #1
WELL LOCATION: 24-24S-32W Finney KS. GR Elev: 2883.00 ft FORMATION: Mississippian
INTERVAL Fr.: 4887.00 To 49240.00 T.D.: 4924.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH Merla

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	10	0	259000.0
20	0.75	20	0	398000.0
28	0.75	28	0	497000.0
28	0.75	28	0	467000.0

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9910 DST #1 Huston #3-24 Parker & Parsley Development

DATE: 03/12/97 TIME: 15:55:22

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	161.00	2404.6	0.0	115.20		
***** Start Flow 1	0.00	12.2	0.0	115.30		
	1.00	13.6	1.4	115.46		
	2.00	15.2	3.0	115.57		
	3.00	16.0	3.8	115.64		
	4.00	16.1	3.9	115.69		
	5.00	16.4	4.2	115.71		
	6.00	17.0	4.8	115.74		
	7.00	17.5	5.3	115.75		
	8.00	18.4	6.2	115.76		
	9.00	18.6	6.5	115.78		
	10.00	19.0	6.8	115.76		
	11.00	19.5	7.3	115.81		
	12.00	19.8	7.6	115.75		
	13.00	20.3	8.1	115.81		
	14.00	20.7	8.5	115.83		
***** End Flow 1	15.00	21.1	8.9	115.87		
***** Start Shutin 1	0.00	21.1	0.0	115.87	0.0000	0.000
	1.00	28.5	7.4	115.89	16.0000	0.001
	2.00	52.1	31.0	115.91	8.5000	0.003
	3.00	113.3	92.2	115.91	6.0000	0.013
	4.00	267.4	246.3	115.94	4.7500	0.071
	5.00	462.1	441.0	115.97	4.0000	0.214
	6.00	624.8	603.7	116.02	3.5000	0.390
	7.00	749.8	728.8	116.07	3.1429	0.562
	8.00	846.8	825.7	116.12	2.8750	0.717
	9.00	921.0	899.9	116.16	2.6667	0.848
	10.00	978.2	957.1	116.26	2.5000	0.957
	11.00	1023.1	1002.0	116.29	2.3636	1.047
	12.00	1058.7	1037.7	116.34	2.2500	1.121
	13.00	1087.9	1066.8	116.46	2.1538	1.184
	14.00	1112.0	1090.9	116.42	2.0714	1.237
	15.00	1132.2	1111.1	116.46	2.0000	1.282
	16.00	1149.4	1128.3	116.51	1.9375	1.321
	17.00	1164.2	1143.1	116.55	1.8824	1.355
	18.00	1177.1	1156.0	116.56	1.8333	1.385
	19.00	1188.4	1167.3	116.63	1.7895	1.412
	20.00	1198.5	1177.4	116.66	1.7500	1.436
	21.00	1207.2	1186.1	116.70	1.7143	1.457
	22.00	1215.2	1194.1	116.73	1.6818	1.477
	23.00	1222.5	1201.4	116.75	1.6522	1.494
	24.00	1228.9	1207.8	116.78	1.6250	1.510
	25.00	1235.1	1214.0	116.80	1.6000	1.525
	26.00	1240.6	1219.6	116.85	1.5769	1.539
	27.00	1245.8	1224.7	116.88	1.5556	1.552
	28.00	1250.4	1229.3	116.90	1.5357	1.564
	29.00	1254.8	1233.8	116.95	1.5172	1.575
	30.00	1258.9	1237.8	116.98	1.5000	1.585
	31.00	1262.6	1241.5	117.06	1.4839	1.594
	32.00	1266.1	1245.0	117.04	1.4688	1.603
	33.00	1269.4	1248.3	117.08	1.4545	1.611

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9910 DST #1 Huston #3-24 Parker & Parsley Development

DATE: 03/12/97 TIME: 15:55:22

	Time	Pressure PSI _g	delta P PSI _g	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	34.00	1272.5	1251.4	117.10	1.4412	1.619
	35.00	1275.3	1254.3	117.13	1.4286	1.627
	36.00	1278.0	1257.0	117.16	1.4167	1.633
	37.00	1280.6	1259.5	117.19	1.4054	1.640
	38.00	1283.0	1261.9	117.23	1.3947	1.646
	39.00	1285.4	1264.3	117.24	1.3846	1.652
	40.00	1287.5	1266.4	117.28	1.3750	1.658
	41.00	1289.6	1268.5	117.31	1.3659	1.663
	42.00	1291.5	1270.4	117.34	1.3571	1.668
	43.00	1293.3	1272.2	117.37	1.3488	1.673
***** End Shut-in 1	44.00	1295.1	1274.0	117.41	1.3409	1.677
***** Start Flow 2	0.00	23.7	0.0	117.36		
	1.00	23.6	-0.1	117.35		
	2.00	23.8	0.1	117.34		
	3.00	24.3	0.7	117.32		
	4.00	24.5	0.9	117.33		
	5.00	25.0	1.4	117.33		
	6.00	25.7	2.0	117.33		
	7.00	2381.7	2358.0	117.43		
	8.00	29.9	6.2	117.40		
	9.00	30.4	6.7	117.44		
	10.00	30.9	7.2	117.47		
	11.00	30.9	7.3	117.50		
	12.00	31.1	7.5	117.52		
	13.00	31.7	8.0	117.54		
	14.00	32.1	8.4	117.57		
***** End Flow 2	15.00	32.4	8.7	117.59		
***** Start Shutin 2	0.00	32.4	0.0	117.59	0.0000	0.001
	1.00	34.5	2.1	117.62	31.0000	0.001
	2.00	49.3	16.9	117.63	16.0000	0.002
	3.00	72.6	40.1	117.67	11.0000	0.005
	4.00	112.9	80.5	117.72	8.5000	0.013
	5.00	189.8	157.4	117.73	7.0000	0.036
	6.00	315.5	283.1	117.78	6.0000	0.10
	7.00	460.6	428.2	117.80	5.2857	0.212
	8.00	593.7	561.3	117.88	4.7500	0.352
	9.00	704.5	672.1	117.91	4.3333	0.496
	10.00	793.6	761.2	117.96	4.0000	0.630
	11.00	864.5	832.1	118.01	3.7273	0.747
	12.00	920.9	888.5	118.07	3.5000	0.848
	13.00	966.0	933.6	118.12	3.3077	0.933
	14.00	1002.4	970.0	118.16	3.1429	1.005
	15.00	1032.4	1000.0	118.20	3.0000	1.066
	16.00	1057.5	1025.1	118.25	2.8750	1.118
	17.00	1078.6	1046.2	118.29	2.7647	1.163
	18.00	1096.5	1064.1	118.32	2.6667	1.202
	19.00	1112.2	1079.8	118.35	2.5789	1.237
	20.00	1125.9	1093.5	118.38	2.5000	1.268
	21.00	1137.9	1105.5	118.41	2.4286	1.295
	22.00	1148.6	1116.2	118.44	2.3636	1.319
	23.00	1158.1	1125.7	118.48	2.3043	1.341

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9910 DST #1 Huston #3-24 Parker & Parsley Development

DATE: 03/12/97 TIME: 15:55:22

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	24.00	1166.8	1134.4	118.50	2.2500	1.361
	25.00	1174.4	1142.0	118.53	2.2000	1.379
	26.00	1181.5	1149.1	118.56	2.1538	1.396
	27.00	1188.0	1155.6	118.57	2.1111	1.411
	28.00	1193.9	1161.5	118.62	2.0714	1.425
	29.00	1199.4	1167.0	118.63	2.0345	1.439
	30.00	1204.6	1172.2	118.65	2.0000	1.451
	31.00	1209.3	1176.9	118.67	1.9677	1.462
	32.00	1213.7	1181.3	118.71	1.9375	1.473
	33.00	1217.7	1185.3	118.75	1.9091	1.483
	34.00	1221.7	1189.3	118.75	1.8824	1.493
	35.00	1225.2	1192.8	118.77	1.8571	1.501
	36.00	1228.7	1196.3	118.78	1.8333	1.510
	37.00	1231.9	1199.5	118.80	1.8108	1.518
	38.00	1234.9	1202.5	118.83	1.7895	1.525
	39.00	1237.9	1205.5	118.86	1.7692	1.532
	40.00	1240.6	1208.2	118.88	1.7500	1.539
	41.00	1243.2	1210.8	118.90	1.7317	1.546
	42.00	1245.7	1213.3	118.93	1.7143	1.552
	43.00	1248.1	1215.7	118.94	1.6977	1.558
***** End Shut-in 2	44.00	1250.4	1218.0	118.96	1.6818	1.563
***** Final Hydro.	283.00	2355.8	0.0	119.12		

TEST HISTORY

9910 DST #1 Huston #3-24 Parker & Parsley Development

Flag Points

t (Min.)	P (PSig)
A: 0.00	2404.63
B: 0.00	12.19
C: 15.00	21.08
D: 44.00	1295.07
E: 0.00	23.66
F: 15.00	32.41
G: 44.00	1250.38
Q: 0.00	2355.78

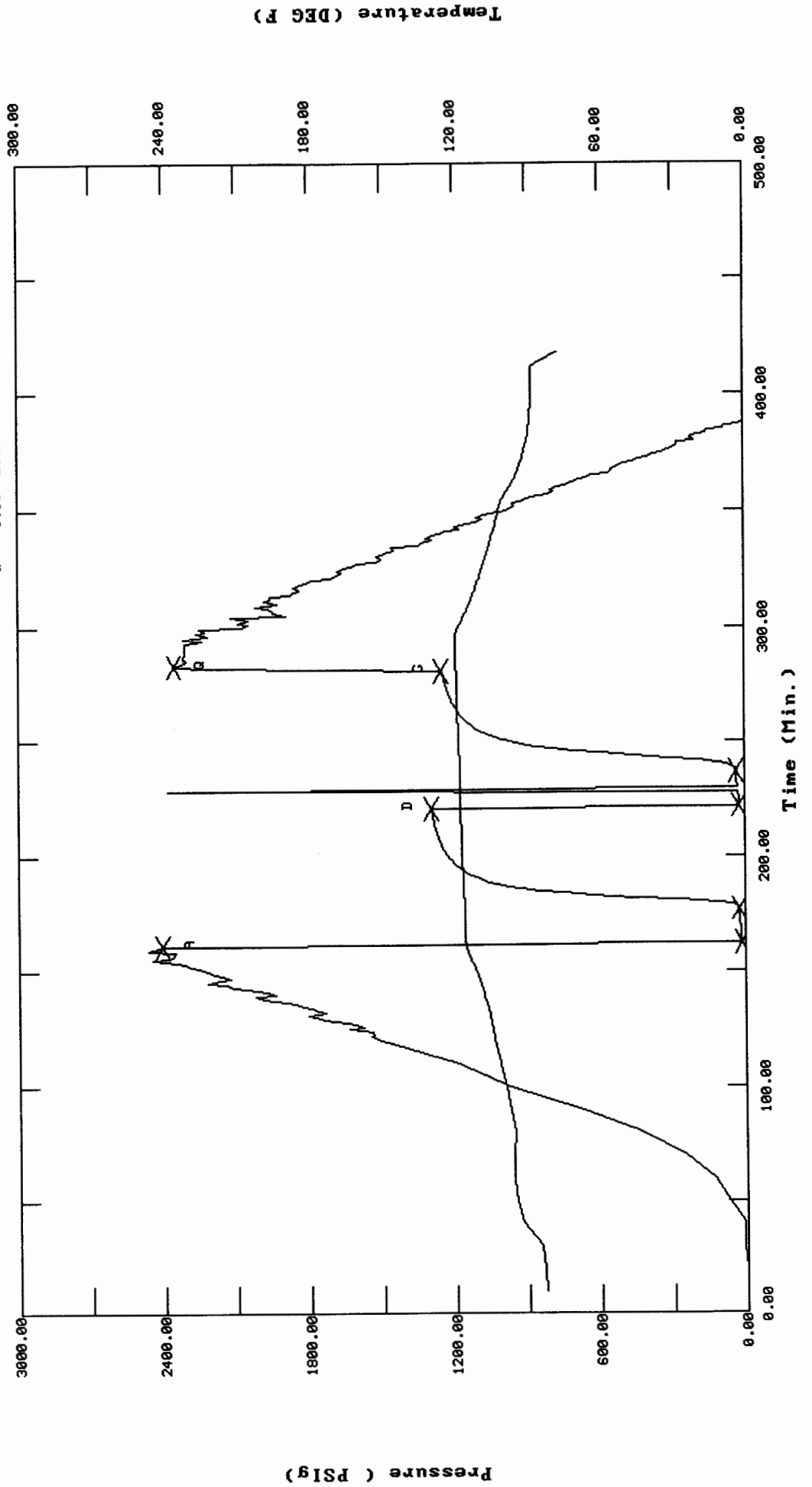
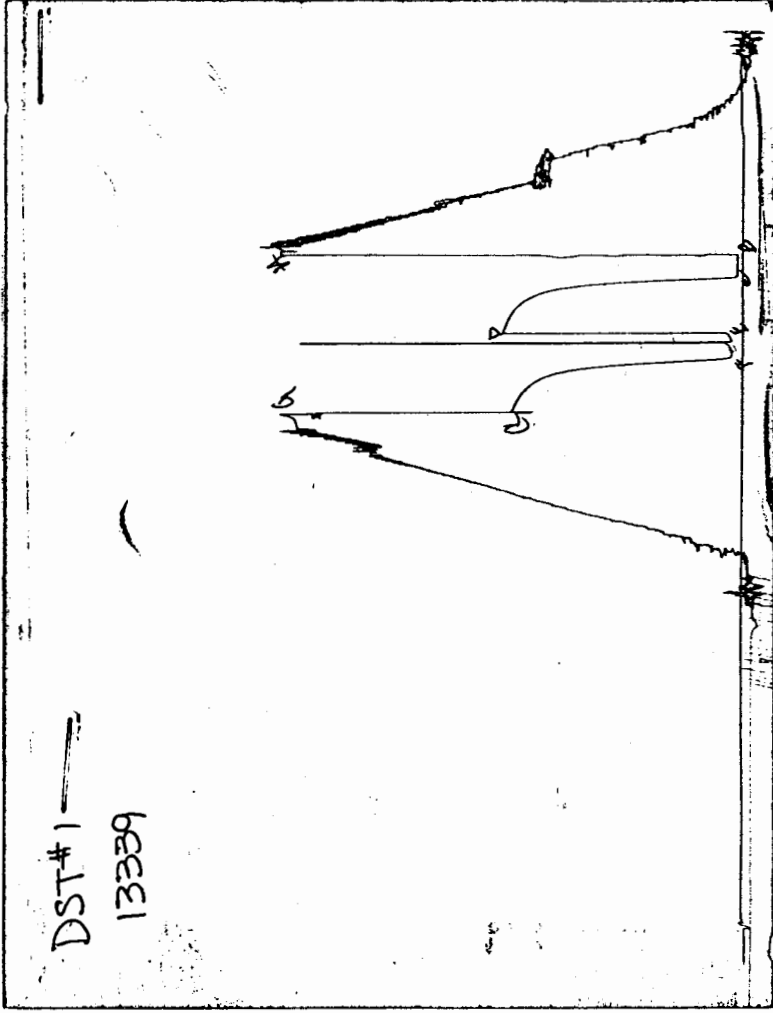


CHART PAGE



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. 9910

Well Name & No. <u>Huston #3-24</u>		Test No. <u>1</u>	Date <u>3-12-97</u>
Company <u>Parker & Parsley Development</u>		Zone Tested <u>Mississippian</u>	
Address <u>14000 Quail Springs Parkway Ste 5000 Okla. City, OK</u>		Elevation <u>2894</u> KB <u>2883</u> GL	
Co. Rep / Geo. <u>Taylor Mullaly / Mark</u>		Cont. <u>Murfin #21</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>24</u>	Twp. <u>24^S</u>	Rge. <u>32^W</u>	Co. <u>Finney</u> State <u>KS.</u>
No. of Copies <u> </u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u>	Evaluation (Y, N) <u> </u>

Interval Tested <u>4887 - 4924</u>	Initial Str Wt./Lbs. <u>90,000</u>	Unseated Str Wt./Lbs. <u>90,000</u>
Anchor Length <u>37'</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>110,000</u>
Top Packer Depth <u>4882</u>	Tool Weight <u>1,800</u>	
Bottom Packer Depth <u>4887</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>4924</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u>549'</u>
Mud Wt. <u>9.2</u> LCM <u>2#/bbl</u> Vis. <u>53</u> WL <u>9.2</u>	Drill Pipe Size <u>4 1/2" XH</u>	Ft. Run <u>4321'</u>
Blow Description <u>IF: Weak surface blow steady @ 1/4" throughout.</u>		

FF: No blow - Flushed tool / good surge - no return blow

Recovery — Total Feet <u>5'</u>	GIP <u> </u>	Ft. in DC <u>5'</u>	Ft. in DP <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u>5'</u> Feet Of <u>Drilg Mud</u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>

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

RW @ °F Chlorides ppm Recovery Chlorides 1,500 ppm System

(A) Initial Hydrostatic Mud	<u>2463</u> <u>2424</u> PSI	Recorder No. <u>2341</u>	T-Started <u>1555</u>
(B) First Initial Flow Pressure	<u>20</u> <u>12</u> PSI	(depth) <u>4890</u>	T-Open <u>1836</u>
(C) First Final Flow Pressure	<u>20</u> <u>21</u> PSI	Recorder No. <u>13339</u>	T-Pulled <u>2036</u>
(D) Initial Shut-in Pressure	<u>1251</u> <u>1295</u> PSI	(depth) <u>4924</u>	T-Out <u>2300</u>
(E) Second Initial Flow Pressure	<u>41</u> <u>23</u> PSI	Recorder No. <u> </u>	
(F) Second Final Flow Pressure	<u>41</u> <u>32</u> PSI	(depth) <u> </u>	
(G) Final Shut-in Pressure	<u>1220</u> <u>1250</u> PSI	Initial Opening <u>15</u>	Test <u> </u>
(H) Final Hydrostatic Mud	<u>2383</u> <u>2355</u> PSI	Initial Shut-in <u>45</u>	Jars <u>X</u>

Final Flow 15 Safety Joint X
 Final Shut-in 45 Straddle

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 Arden K. Luff
 Our Representative Rod Steinbrink

Circ. Sub X NIC
 Sampler X
 Extra Packer
 Elect. Rec. X
 Other
 TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 9910 Date 3-12-97
Company Name Parker & Parsley Dev. Cont. Murfin #21
Lease Huston #3-24 Test No. 1 Mississippian
County Finney KS Sec. 24 Twp. 24^S Rng. 32^W

SAMPLER RECOVERY

Gas _____ ML
Oil _____ ML
Mud 4,000 ML
Water _____ ML
Other _____ ML
Pressure 10[#] PSI
Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 1,500 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 53
Mud Weight 9.2
Filtrate 9.2
Other LCM 2#/ bbl

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides 1,500 ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides 1,500 ppm.