

15-007-22505

11-31S-11W

WELL NAME:	Brenner Trust #11-1
COMPANY:	Enron Oil & Gas Company
LOCATION:	11-31S-11W Barber County Kansas
DATE:	05/23/96

TRILOBITE TESTING L.L.C.

OPERATOR : Enron Oil & Gas Company
WELL NAME: Brenner Trust #11-1
LOCATION : 11-31S-11W, Barber Cty KS
INTERVAL : 4838.00 To 4862.00 ft

DATE 5-23-96
KB 1812.00 ft
GR 1803.00 ft
TD 4862.00 ft

TICKET NO: 8963
DST #1
FORMATION: SIMPSON
TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	AK-1	AK-1	Alpine			PF Fr. 1922 to 1937 hr
SI 30 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 1937 to 2007 hr
SF 30 Clock(hrs)	12	12	Elect			SF Fr. 2007 to 2037 hr
FS 60 Depth(ft)	4859.0	4859.0	4843.0	0.0	0.0	FS Fr. 2037 to 2137 hr

	Field	1	2	3	4	
A. Init Hydro	2375.0	2375.0	2401.0	0.0	0.0	T STARTED 1703 hr
B. First Flow	136.0	146.0	120.0	0.0	0.0	T ON BOTM 1919 hr
B1. Final Flow	339.0	330.0	334.0	0.0	0.0	T OPEN 1922 hr
C. In Shut-in	1679.0	1683.0	1691.0	0.0	0.0	T PULLED 2137 hr
D. Init Flow	395.0	397.0	373.0	0.0	0.0	T OUT 0055 hr
E. Final Flow	588.0	586.0	586.0	0.0	0.0	
F. Fl Shut-in	1686.0	1688.0	1698.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2329.0	2331.0	2372.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 90000.00 lbs
						Initial Str Wt 80000.00 lbs
						Unseated Str Wt 81000.00 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 528.00 ft
						D.P. Length 4289.00 ft

RECOVERY

Tot Fluid 1225.00 ft of 528.00 ft in DC and 697.00 ft in DP
1420.00 ft of Gas in pipe
85.00 ft of Gassy oil cut mud -
10% gas, 21% oil, 12% water, 57% mud
185.00 ft of Slightly oil cut muddy water -
3% oil, 20% mud, 77% water
955.00 ft of Salt water w/ oil specks

12.00 ft of Pay (est)
SALINITY 82000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
Strong blow, bottom of bucket in
30 sec

Final Flow -
Strong blow, bottom of bucket in
4 min

SAMPLES:
SENT TO:

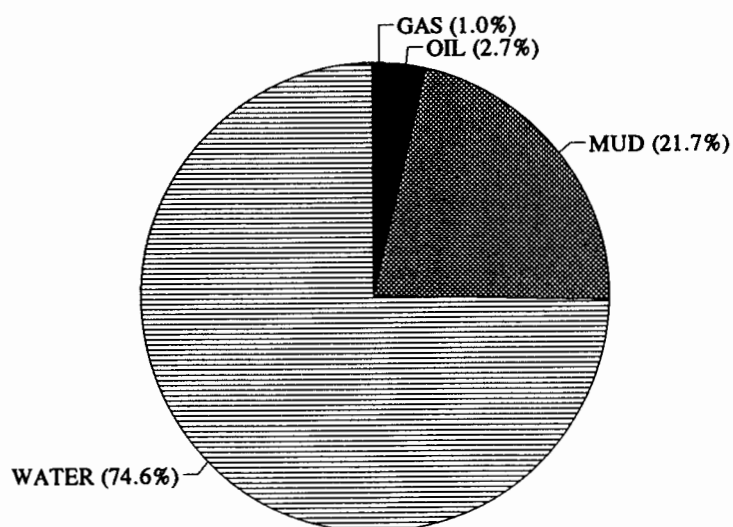
Test Successful: Y

MUD DATA-----

Mud Type	CHEMICAL
Weight	9.40 lb/c
Vis.	46.00 S/L
W.L.	10.40 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	139.00 F
Hole Condition	GOOD
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	NONE
Reversed Out N	
Tool Chased N	
Tester	GARY PEVOTEAUX
Co. Rep.	LANDES /HUMMELL
Contr.	ALLEN DRLG.
Rig #	1
Unit #	
Pump T.	

CALCULATED RECOVERY ANALYSIS

DST	1	TICKET # 8963							
SAMPLE #	TOTAL FEET	GAS %	FEET	OIL %	FEET	WATER %	FEET	MUD %	FEET
DRILL PIPE 1	85	10	8.5	21	17.85	12	10.2	57	48.45
2	185		0	3	5.55	20	37	77	142.45
3	427		0		0	100	427		0
4			0		0		0		0
5			0		0		0		0
6			0		0		0		0
WEIGHT PIP 1			0		0		0		0
2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
DRL COLLAR 1	528		0		0	100	528		0
2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	1225		8.5		23.4		1002.2		190.9
HRS OPEN BBL/DAY									
BBL OIL=	0.332748	*	0.75	10.647936					
BBL WATER=	9.325044	*		298.40141					
BBL MUD=	2.714598								
BBL GAS =	0.12087								



TEST HISTORY

8963 DST#1 BRENNER TRUST#11-1 ENRON OIL AND GAS CO.

Flag Points

t (Min.) P (PSig)

A: 0.00 2401.42
B: 0.00 120.34
C: 15.00 333.77
D: 29.00 1691.30
E: 0.00 373.47
F: 28.00 586.23
G: 62.00 1697.94
Q: 0.00 2371.69

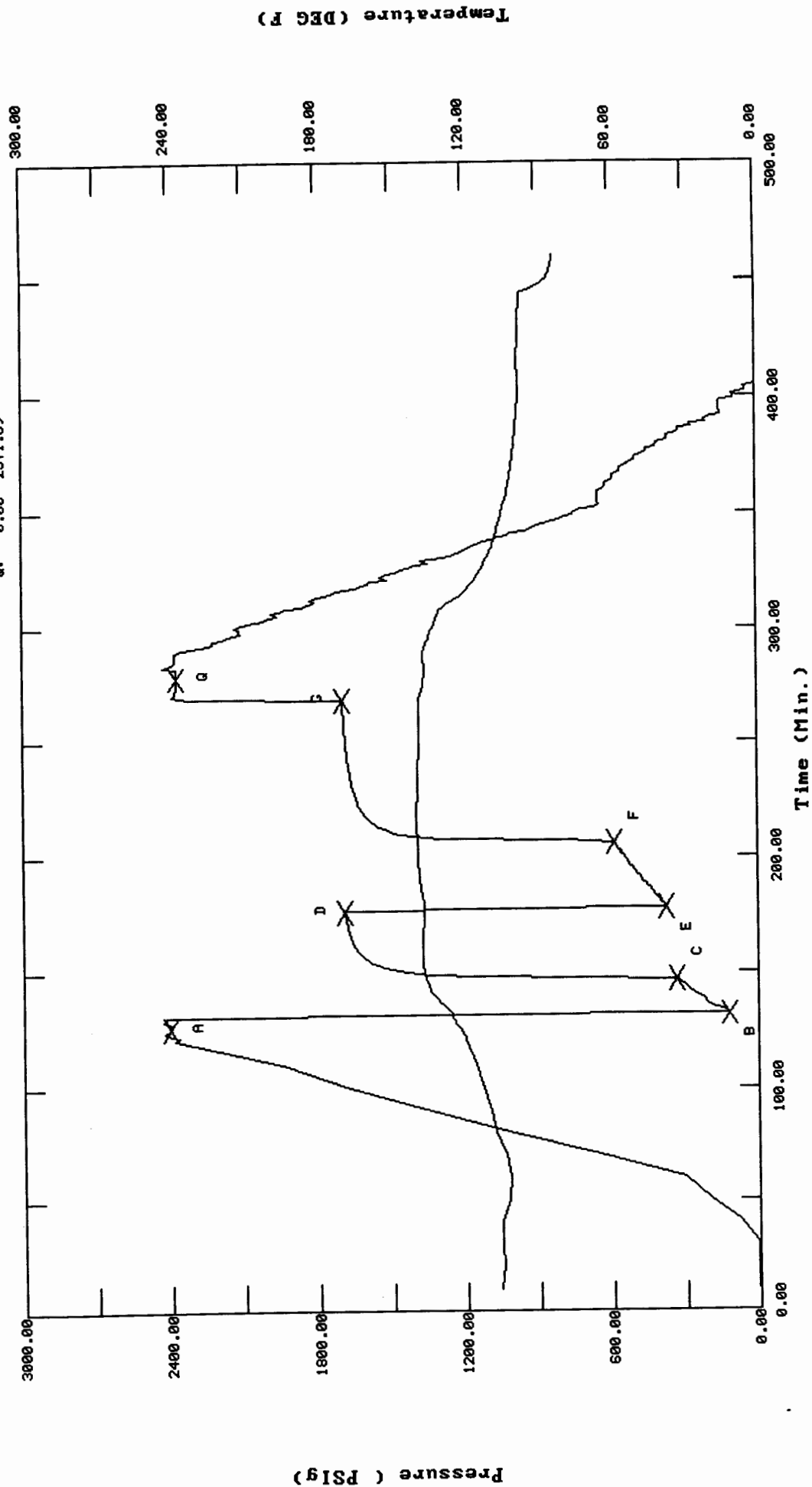
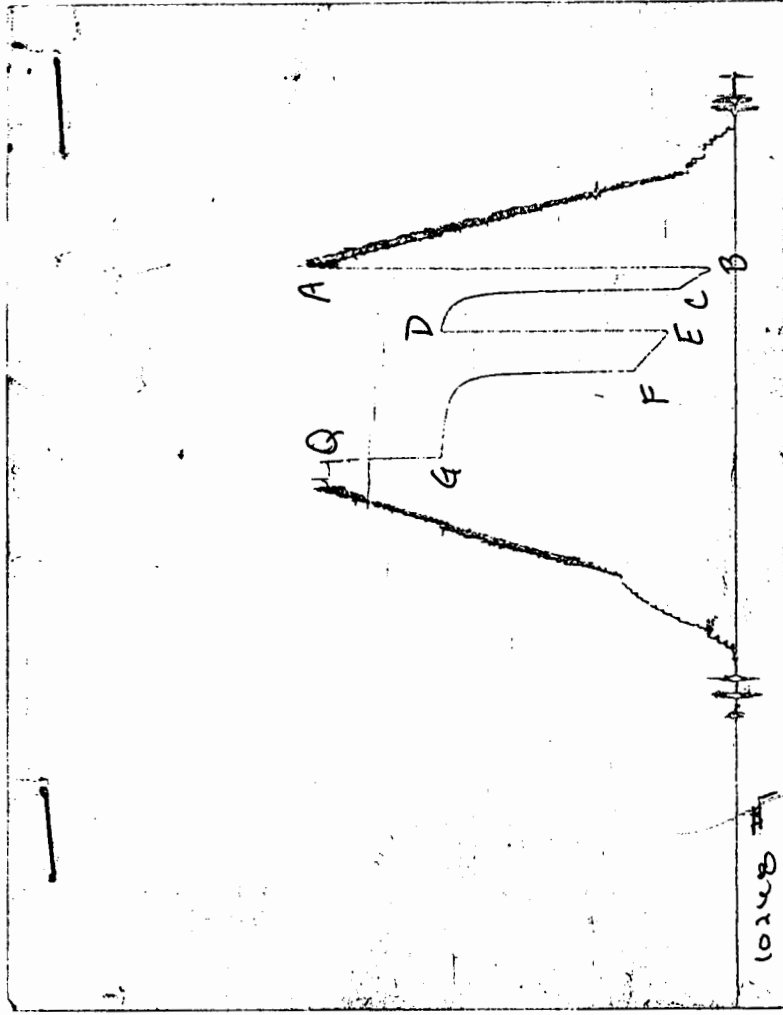


CHART PAGE



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

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: 8963 DST#1 BRENNER TRUST#11-1 ENRON OIL AND GAS CO.
 DATE: 05/23/96 TIME: 17:03:29

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	126.00	2401.4	0.0	122.54		
***** Start Flow 1	0.00	120.3	0.0	125.54		
	1.00	124.8	4.4	126.14		
	2.00	149.5	29.1	126.93		
	3.00	174.1	53.8	127.83		
	4.00	201.0	80.7	128.84		
	5.00	205.7	85.4	129.92		
	6.00	214.4	94.1	130.96		
	7.00	228.8	108.4	131.93		
	8.00	245.2	124.9	132.78		
	9.00	261.2	140.8	133.49		
	10.00	275.0	154.7	134.05		
	11.00	286.8	166.4	134.49		
	12.00	299.4	179.1	134.88		
	13.00	310.7	190.3	135.23		
	14.00	322.9	202.5	135.55		
***** End Flow 1	15.00	333.8	213.4	135.84		
***** Start Shutin 1	0.00	333.8	0.0	135.84	0.0000	0.111
	1.00	1132.1	798.3	136.13	16.0000	1.282
	2.00	1344.9	1011.2	136.45	8.5000	1.809
	3.00	1440.6	1106.8	136.72	6.0000	2.075
	4.00	1497.0	1163.2	136.94	4.7500	2.241
	5.00	1534.4	1200.6	137.12	4.0000	2.354
	6.00	1561.3	1227.5	137.27	3.5000	2.438
	7.00	1581.5	1247.8	137.35	3.1429	2.501
	8.00	1597.3	1263.5	137.39	2.8750	2.551
	9.00	1610.1	1276.3	137.41	2.6667	2.592
	10.00	1620.7	1286.9	137.41	2.5000	2.627
	11.00	1629.6	1295.8	137.41	2.3636	2.656
	12.00	1637.2	1303.4	137.39	2.2500	2.680
	13.00	1643.7	1309.9	137.37	2.1538	2.702
	14.00	1649.3	1315.6	137.34	2.0714	2.720
	15.00	1654.5	1320.7	137.31	2.0000	2.737
	16.00	1658.9	1325.1	137.26	1.9375	2.752
	17.00	1663.0	1329.2	137.23	1.8824	2.766
	18.00	1666.6	1332.9	137.19	1.8333	2.778
	19.00	1670.0	1336.2	137.15	1.7895	2.789
	20.00	1672.8	1339.1	137.11	1.7500	2.798
	21.00	1675.7	1341.9	137.08	1.7143	2.808
	22.00	1678.2	1344.4	137.05	1.6818	2.816
	23.00	1680.4	1346.6	137.02	1.6522	2.824
	24.00	1682.7	1348.9	137.02	1.6250	2.831
	25.00	1684.6	1350.8	136.96	1.6000	2.838
	26.00	1686.4	1352.7	136.92	1.5769	2.844
	27.00	1688.2	1354.4	136.90	1.5556	2.850
	28.00	1689.8	1356.0	136.87	1.5357	2.855
***** End Shut-in 1	29.00	1691.3	1357.5	136.85	1.5172	2.861
***** Start Flow 2	0.00	373.5	0.0	136.74		
	1.00	382.3	8.8	136.73		
	2.00	391.5	18.0	136.82		
	3.00	399.4	25.9	136.97		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8963 DST#1 BRENNER TRUST#11-1 ENRON OIL AND GAS CO.

DATE: 05/23/96 TIME: 17:03:29

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	4.00	407.8	34.3	137.18		
	5.00	415.6	42.1	137.39		
	6.00	423.1	49.6	137.59		
	7.00	430.7	57.2	137.77		
	8.00	438.3	64.8	137.93		
	9.00	446.5	73.0	138.09		
	10.00	455.4	81.9	138.21		
	11.00	463.9	90.4	138.34		
	12.00	471.7	98.3	138.45		
	13.00	479.9	106.4	138.54		
	14.00	487.5	114.1	138.63		
	15.00	495.2	121.7	138.70		
	16.00	503.2	129.8	138.77		
	17.00	510.6	137.1	138.83		
	18.00	517.6	144.1	138.88		
	19.00	524.7	151.2	138.93		
	20.00	531.8	158.3	138.98		
	21.00	538.1	164.6	139.01		
	22.00	545.6	172.1	139.05		
	23.00	552.7	179.3	139.08		
	24.00	559.0	185.6	139.12		
	25.00	566.1	192.6	139.15		
	26.00	571.7	198.2	139.18		
	27.00	578.6	205.1	139.20		
***** End Flow 2	28.00	586.2	212.8	139.23		
***** Start Shutin 2	0.00	586.2	0.0	139.23	0.0000	0.344
	1.00	786.6	200.4	139.26	44.0000	0.619
	2.00	1302.0	715.8	139.31	22.5000	1.695
	3.00	1411.2	824.9	139.37	15.3333	1.991
	4.00	1468.5	882.2	139.42	11.7500	2.156
	5.00	1505.5	919.3	139.49	9.6000	2.266
	6.00	1531.8	945.6	139.53	8.1667	2.347
	7.00	1551.9	965.7	139.54	7.1429	2.408
	8.00	1567.6	981.4	139.58	6.3750	2.457
	9.00	1580.5	994.3	139.58	5.7778	2.498
	10.00	1591.2	1005.0	139.59	5.3000	2.532
	11.00	1600.3	1014.1	139.58	4.9091	2.561
	12.00	1608.2	1022.0	139.60	4.5833	2.586
	13.00	1615.0	1028.8	139.56	4.3077	2.608
	14.00	1621.1	1034.9	139.55	4.0714	2.628
	15.00	1626.6	1040.4	139.51	3.8667	2.646
	16.00	1631.4	1045.2	139.49	3.6875	2.661
	17.00	1635.7	1049.5	139.45	3.5294	2.676
	18.00	1639.7	1053.5	139.41	3.3889	2.689
	19.00	1643.2	1057.0	139.39	3.2632	2.700
	20.00	1646.6	1060.3	139.35	3.1500	2.711
	21.00	1649.6	1063.4	139.31	3.0476	2.721
	22.00	1652.4	1066.1	139.27	2.9545	2.730
	23.00	1655.0	1068.8	139.23	2.8696	2.739
	24.00	1657.4	1071.2	139.20	2.7917	2.747
	25.00	1659.7	1073.5	139.17	2.7200	2.755

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 8963 DST#1 BRENNER TRUST#11-1 ENRON OIL AND GAS CO.
DATE: 05/23/96 TIME: 17:03:29

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	26.00	1661.8	1075.6	139.13	2.6538	2.762
	27.00	1663.9	1077.6	139.10	2.5926	2.768
	28.00	1665.7	1079.5	139.07	2.5357	2.775
	29.00	1667.6	1081.3	139.04	2.4828	2.781
	30.00	1669.1	1082.9	139.01	2.4333	2.786
	31.00	1670.8	1084.6	138.97	2.3871	2.792
	32.00	1672.3	1086.0	138.95	2.3438	2.796
	33.00	1673.8	1087.5	138.95	2.3030	2.801
	34.00	1675.1	1088.9	138.90	2.2647	2.806
	35.00	1676.4	1090.1	138.88	2.2286	2.810
	36.00	1677.6	1091.4	138.85	2.1944	2.814
	37.00	1678.8	1092.6	138.82	2.1622	2.818
	38.00	1680.0	1093.7	138.81	2.1316	2.822
	39.00	1681.0	1094.8	138.79	2.1026	2.826
	40.00	1682.2	1095.9	138.76	2.0750	2.830
	41.00	1683.2	1096.9	138.74	2.0488	2.833
	42.00	1684.1	1097.9	138.71	2.0238	2.836
	43.00	1685.0	1098.8	138.71	2.0000	2.839
	44.00	1685.8	1099.6	138.69	1.9773	2.842
	45.00	1686.8	1100.5	138.66	1.9556	2.845
	46.00	1687.5	1101.3	138.65	1.9348	2.848
	47.00	1688.4	1102.1	138.62	1.9149	2.851
	48.00	1689.1	1102.9	138.60	1.8958	2.853
	49.00	1689.9	1103.7	138.59	1.8776	2.856
	50.00	1690.6	1104.4	138.56	1.8600	2.858
	51.00	1691.3	1105.1	138.55	1.8431	2.861
	52.00	1692.1	1105.8	138.53	1.8269	2.863
	53.00	1692.6	1106.4	138.51	1.8113	2.865
	54.00	1693.3	1107.1	138.49	1.7963	2.867
	55.00	1694.0	1107.8	138.47	1.7818	2.870
	56.00	1694.6	1108.4	138.46	1.7679	2.872
	57.00	1695.2	1108.9	138.44	1.7544	2.874
	58.00	1695.8	1109.5	138.43	1.7414	2.876
	59.00	1696.3	1110.1	138.41	1.7288	2.878
	60.00	1696.9	1110.7	138.41	1.7167	2.880
	61.00	1697.3	1111.1	138.40	1.7049	2.881
***** End Shut-in 2	62.00	1697.9	1111.7	138.33	1.6935	2.883
***** Final Hydro.	278.00	2371.7	0.0	136.43		

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Brenner Trust #11-1
 LOCATION : 11-31S-11W, Barber Cty KS
 TICKET No. 8963 D.S.T. No. 1 DATE 5-23-96
 TOTAL TOOL TO BOTTOM OF TOP PACKERS 30
 INTERVAL TOOL
 BOTTOM PACKERS AND ANCHOR 24
 TOTAL TOOL 54
 DRILL COLLAR ANCHOR IN INTERVAL
 D.C. ANCHOR STND.Stands Single Total
 D.P. ANCHOR STND.Stands Single Total
 TOTAL ASSEMBLY 54
 D.C. ABOVE TOOLS.Stands 9 Single 0 Total 528
 D.P. ABOVE TOOLS.Stands 69 Single 1 Total 4289
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4871
 TOTAL DEPTH 4862
 TOTAL DRILL PIPE ABOVE K.B. 9

REMARKS:

FLUID SAMPLER DATA

SAMPLER RECOVERY -
 Gas trace, Oil 120 ml, Mud trace,
 Water 2280 ml, Press 575 PSI, Ttl 4000 ml
 SAMPLER ANALYSIS -
 Resist .82 ohms @ 80 F, Chlorides 82000 ppm
 PIT MUD ANALYSIS -
 Chlorides 3500 ppm, Resist 4.52 ohms @ 78 F
 PIPE RECOVERY -
 Middle -
 Resist .99 ohms @ 80 F, Chlorides 74000 ppm
 Bottom -
 Resist .82 ohms @ 80 F, Chlorides 82000 ppm

P.O. SUB	
C.O. SUB @TOP OF TOOL	4808
S.I. TOOL	4814
SAMPLER	4817
HMV	4822
JARS	4827
SAFETY JOINT	4829
PACKER	4833
PACKER	4838
DEPTH 4838	4618
STUBB 1 FT.	4839
ANCHOR	
PERFS	
ALPINE RECORDER	4843
T.C.	
DEPTH	
18 FT.PERFS TO	4857
AK-1 RECORDER	4859
BULLNOSE 5 FT.PERFORATED	
T.D.	4862

Well name Bremmer Trust

DST # 1

Recorder # 10248

A		2375	
B		146	
C		330	
D		11083	
E		397	
F		586	
G		11088	
H		2331	
0			
1			
2			

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 8963

Well Name & No.	BRENNER TRUST #1-1	Test No.	1	Date	5-23-96
Company	ENRON OIL & GAS CO.	Zone Tested	SIMPSON		
Address	20 N. BROADWAY, 830 MID AMERICA TWR. / OKLA. CITY, OK. 73102				
Elevation	1812	KB	1803	GL	
Co. Rep / Geo.	LANDES / HUMMEL	Cont.	ALLEN DRUG #1	Est. Ft. of Pay	12
Por.	12	%			
Location: Sec.	11	Twp.	31 S	Rge.	11 W
Co.	BARBER	State	KS.		
No. of Copies	5	Distribution Sheet (Y, N)	N	Turnkey (Y, N)	
Evaluation (Y, N)					

Interval Tested 4838 - 4862' Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. 84,000
Anchor Length 24' Wt. Set Lbs. 29,000 Wt. Pulled Loose/Lbs. 90,000
Top Packer Depth 4833' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
Bottom Packer Depth 4838' Wt. Pipe I.D. — 2.7 Ft. Run None
Total Depth 4862' Drill Collar — 2.25 Ft. Run 528'
Mud Wt. 9.4 LCM ~ Vis. 4c WL 10.4 cc. Drill Pipe Size 4 1/2" x 14 Ft. Run 4289'
Blow Description IF: Strong below. Blm. of mud lost in 30 sec.

FF: Strong below. Blm. of mud lost in 4 min.

Recovery — Total Feet	<u>1225'</u>	Fluid Ft. in DC	<u>528</u>	Ft. in WP	<u>~</u>	Ft. in DP	<u>697</u>
Rec.	<u>1420</u>	Feet Of	<u>Gas in Pipe</u>	%gas		%oil	
				%water		%mud	
Rec.	<u>85</u>	Feet Of	<u>G.O.C.M.</u>	<u>10</u> %gas	<u>21</u> %oil	<u>12</u> %water	<u>57</u> %mud
Rec.	<u>185</u>	Feet Of	<u>S.O.C.M.W.</u>	<u>3</u> %gas	<u>3</u> %oil	<u>77</u> %water	<u>20</u> %mud
Rec.	<u>955</u>	Feet Of	<u>Salt Water @ oil</u>	%gas	%oil	%water	%mud
Rec.		Feet Of	<u>Spud.</u>	%gas	%oil	%water	%mud

BHT 139 °F Gravity N.A. °API D@ ~ °F Corrected Gravity N.A. °API

RW 0.82 @ 80 °F Chlorides 82,000 ppm Recovery Chlorides 3,500 ppm System

(A) Initial Hydrostatic Mud	<u>2375</u>	<u>2401</u>	PSI	Recorder No.	<u>10248</u>	T-Started	<u>1703</u>
(B) First Initial Flow Pressure	<u>136</u>	<u>120</u>	PSI	@ (depth)	<u>4859'</u>	T-Open	<u>19 22</u>
(C) First Final Flow Pressure	<u>339</u>	<u>334</u>	PSI	Recorder No.	<u>2351</u>	T-Pulled	<u>2137</u>
(D) Initial Shut-in Pressure	<u>1679</u>	<u>1689</u>	PSI	@ (depth)	<u>4843'</u>	T-Out	<u>0035</u>
(E) Second Initial Flow Pressure	<u>395</u>	<u>373</u>	PSI	Recorder No.	<u>~</u>		
(F) Second Final Flow Pressure	<u>588</u>	<u>586</u>	PSI	@ (depth)	<u>~</u>		
(G) Final Shut-in Pressure	<u>1686</u>	<u>1697</u>	PSI	Initial Opening	<u>15</u>	Test	<u>✓ 600</u>
(H) Final Hydrostatic Mud	<u>2329</u>	<u>2372</u>	PSI	Initial Shut-in	<u>30</u>	Jars	<u>✓ 200</u>

Final Flow 30 Safety Joint ✓ 50

Final Shut-in 60 Straddle ~

Circ. Sub ~

Sampler ✓ 200

Extra Packer ~

Elect. Rec. ✓ 150

Other ~

TOTAL PRICE \$ ✓ 1200.00

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

Sam Hummel

Our Representative

TRILOBITE TESTING COMPANY

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 8963 Date 5-23-96
Company Name Enron Oil & Gas Co.
Lease BREWER TRUST #11-1 Test No. 1
County BARBER Ks. Sec. 11 Twp. 31S Rng. 11W

SAMPLER RECOVERY

Gas trace ML
Oil 120 ML
Mud trace ML
Water 2,280 ML
Other --- ML
Pressure 575 PSI
Total 2,400 ML

PIT MUD ANALYSIS

Chlorides 3,500 ppm.
Resistivity 4.52 ohms @ 78° F
Viscosity 46
Mud Weight 9.4
Filtrate 10.4 cc.
Other _____

SAMPLER ANALYSIS

Resistivity 0.82 ohms @ 80° F
Chlorides 82,000 ppm.
Gravity N.A. corrected @ 60 F

PIPE RECOVERY

TOP 1420' Gas in Pipe
Resistivity N.A. ohms @ _____ F
Chlorides N.A. ppm.

MIDDLE 270' G.O.C.M.W.
Resistivity 0.99 ohms @ 80° F
Chlorides 74,000 ppm.

BOTTOM 955' Salt Water @ oil spec
Resistivity 0.82 ohms @ 80° F
Chlorides 82,000 ppm.