RELEASED
JAN 2 9 1999
FROM CONFIDENTIAL

ORIGINAL

WELL NAME:	Clark #1
COMPANY:	Cambrian Oil Company
LOCATION:	25-1S-42W Cheyenne County Kansas
DATE:	06/11/97

15-023-20353

TRILOBITE TESTING L.L.C.

PERATOR : Cambrian Oil Co. DATE 6-7-97
ELL NAME: Clark #1 KB 3603.00 ft TICKET NO: 9942 DST #1
OCATION : 25-1S-42W Cheyenne KS GR 3598.00 ft FORMATION: Compton
NTERVAL : 4440.00 To 4486.00 ft TD 4486.00 ft TEST TYPE: CONV.

ECORDER DATA

Mins		Field	1	2	3	4
F 30	Rec.	11057	11057	2342		
I 60	Range(Psi)	4500.0	4500.0	4995.0	0.0	0.0
F 30	Clock(hrs)	12 HR	12 HR	Elec		
S 60	Depth(ft)	4481.0	4481.0	4448.0	0.0	0.0

TIME DATA----------
PF Fr. 0257 to 0327 hr
IS Fr. 0327 to 0427 hr
SF Fr. 0427 to 0557 hr
FS Fr. 0557 to 0657 hr

	Field	1	2	3	4
. Init Hydro	0.0	0.0	2115.0	0.0	0.0
. First Flow	0.0	0.0	31.0	0.0	0.0
1. Final Flow	0.0	0.0	32.0	0.0	0.0
. In Shut-in	0.0	0.0	950.0	0.0	0.0
. Init Flow	0.0	0.0	33.0	0.0	0.0
. Final Flow	0.0	0.0	34.0	0.0	0.0
. Fl Shut-in	0.0	0.0	764.0	0.0	0.0
. Final Hydro	0.0	0.0	2109.0	0.0	0.0
nside/Outside	O	O	I		

T STARTED 2330 hr
T ON BOTM 0254 hr
T OPEN 0257 hr
T PULLED 0657 hr
T OUT 0820 hr

ECOVERY
ot Fluid 20.00 ft of 20.00 ft in DC and 0.00 ft in DP
0.00 ft of Drilling Mud
.00 ft of
.00 ft of
.00 ft of
.00 ft of
.00 ft of
.00 ft of
ALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	4000.00 lbs
Wt Set On Packer	28000.00 lbs
Wt Pulled Loose	85000.00 lbs
Initial Str Wt	70000.00 lbs
Unseated Str Wt	70000.00 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	396.00 ft
D.P. Length	4049.00 ft

LOW DESCRIPTION
nitial Flow:
1" blow, died in 22 mins

nitial Shut In:
No return

inal Flow:
Bubble to open tool, no blow

inal Shut In:
No return

MUD DATA----------

Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	49.00 S/L
W.L.	7.60 in3
F.C.	0.00 in
Mud Drop	N
Amt. of fill	5.00 ft
Btm. H. Temp.	140.00 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	Shane McBride
Co. Rep.	Rod Anderson
Contr.	Neb.land
Rig #	1
Unit #	
Pump T.	

AMPLES:
ENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONV.

VELL NAME: Clark #1

LOCATION : 25-1S-42W Cheyenne KS

TICKET No. 9942 D.S.T. No. 1 DATE 6-7-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 15

TOTAL TOOL 45

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY 76

D.C. ABOVE TOOLS.Stands6 Single 1 Total 396

D.P. ABOVE TOOLS.Stands65 Single 1 Total 4049

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4490

TOTAL DEPTH 4486

TOTAL DRILL PIPE ABOVE K.B. 4

EMARKS:
AS;

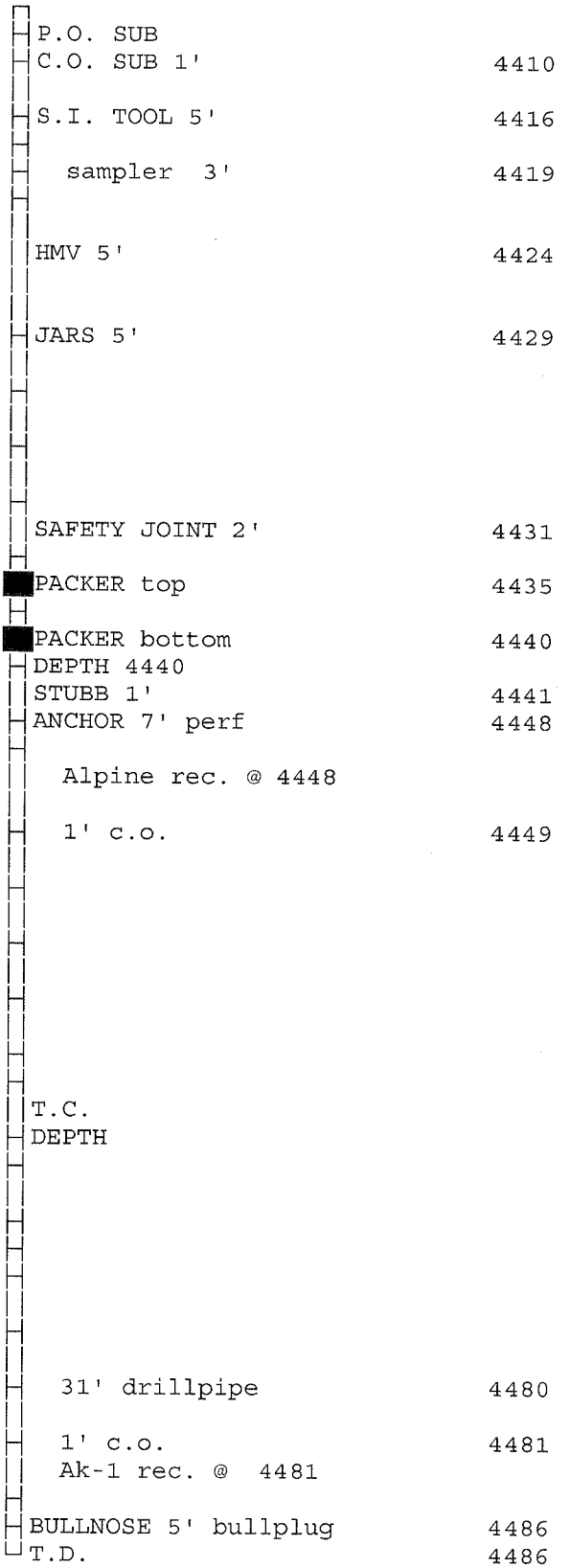
IL;

ATER;

UD; 4,000 ml

ressure; 20 psi

otal; 4,000



ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9942 DST #1 Clark #1 Cambrian Oil Co.

DATE: 06/07/97 TIME: 22:33:06

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Initial Hydro.	207.00	2116.0	0.0	131.69		
****** Start Flow 1	0.00	31.5	0.0	132.02		
	1.00	31.6	0.1	132.30		
	2.00	31.6	0.1	132.57		
	3.00	31.8	0.3	132.82		
	4.00	32.0	0.4	133.01		
	5.00	32.1	0.6	133.18		
	6.00	32.2	0.7	133.30		
	7.00	32.2	0.7	133.41		
	8.00	32.4	0.8	133.50		
	9.00	32.4	0.8	133.57		
	10.00	32.5	0.9	133.62		
	11.00	32.6	1.0	133.68		
	12.00	32.6	1.1	133.71		
	13.00	32.5	0.9	133.75		
	14.00	32.5	0.9	133.79		
	15.00	32.6	1.0	133.82		
	16.00	32.6	1.0	133.85		
	17.00	32.6	1.0	133.87		
	18.00	32.6	1.1	133.90		
	19.00	32.6	1.1	133.93		
	20.00	32.6	1.0	133.96		
	21.00	32.7	1.2	133.99		
	22.00	32.7	1.2	134.01		
	23.00	32.7	1.2	134.04		
	24.00	32.6	1.1	134.07		
	25.00	32.6	1.1	134.10		
	26.00	32.8	1.3	134.13		
	27.00	32.8	1.3	134.16		
	28.00	32.8	1.3	134.19		
***** End Flow 1	29.00	32.9	1.3	134.22		
***** Start Shutin 1	0.00	32.9	0.0	134.22	0.0000	0.001
	1.00	29.4	-3.5	134.26	30.0000	0.001
	2.00	35.9	3.0	134.28	15.5000	0.001
	3.00	43.4	10.5	134.32	10.6667	0.002
	4.00	52.7	19.8	134.35	8.2500	0.003
	5.00	64.5	31.6	134.39	6.8000	0.004
	6.00	78.6	45.7	134.43	5.8333	0.006
	7.00	97.4	64.5	134.48	5.1429	0.009
	8.00	118.1	85.2	134.52	4.6250	0.014
	9.00	142.2	109.4	134.55	4.2222	0.020
	10.00	166.8	133.9	134.61	3.9000	0.028
	11.00	192.4	159.5	134.64	3.6364	0.037
	12.00	218.4	185.5	134.69	3.4167	0.048
	13.00	244.2	211.3	134.73	3.2308	0.060
	14.00	270.7	237.8	134.78	3.0714	0.073
	15.00	295.5	262.6	134.82	2.9333	0.087
	16.00	320.3	287.4	134.88	2.8125	0.103
	17.00	344.2	311.3	134.92	2.7059	0.118
	18.00	367.4	334.5	134.97	2.6111	0.135
	19.00	389.9	357.0	135.02	2.5263	0.152

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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DATE: 06/07/97 TIME: 22:33:06

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	20.00	412.0	379.1	135.07	2.4500	0.170
	21.00	433.2	400.3	135.12	2.3810	0.188
	22.00	453.9	421.0	135.23	2.3182	0.206
	23.00	474.0	441.1	135.22	2.2609	0.225
	24.00	493.5	460.6	135.27	2.2083	0.244
	25.00	512.7	479.8	135.32	2.1600	0.263
	26.00	531.2	498.3	135.36	2.1154	0.282
	27.00	549.0	516.1	135.42	2.0741	0.301
	28.00	566.6	533.7	135.46	2.0357	0.321
	29.00	583.5	550.6	135.51	2.0000	0.340
	30.00	600.4	567.5	135.56	1.9667	0.360
	31.00	616.5	583.6	135.59	1.9355	0.380
	32.00	632.2	599.3	135.64	1.9062	0.400
	33.00	647.5	614.6	135.68	1.8788	0.419
	34.00	662.4	629.5	135.73	1.8529	0.439
	35.00	677.1	644.2	135.78	1.8286	0.458
	36.00	691.2	658.3	135.82	1.8056	0.478
	37.00	705.2	672.3	135.88	1.7838	0.497
	38.00	718.5	685.6	135.91	1.7632	0.516
	39.00	731.9	699.0	135.96	1.7436	0.536
	40.00	744.9	712.0	136.01	1.7250	0.555
	41.00	757.4	724.6	136.06	1.7073	0.574
	42.00	769.7	736.8	136.10	1.6905	0.592
	43.00	781.6	748.7	136.16	1.6744	0.611
	44.00	793.4	760.5	136.19	1.6591	0.629
	45.00	804.9	772.1	136.24	1.6444	0.648
	46.00	816.0	783.1	136.28	1.6304	0.666
	47.00	826.9	794.0	136.33	1.6170	0.684
	48.00	837.7	804.8	136.37	1.6042	0.702
	49.00	848.1	815.2	136.42	1.5918	0.719
	50.00	858.3	825.4	136.47	1.5800	0.737
	51.00	868.4	835.5	136.51	1.5686	0.754
	52.00	878.3	845.4	136.55	1.5577	0.771
	53.00	887.9	855.0	136.59	1.5472	0.788
	54.00	897.4	864.5	136.64	1.5370	0.805
	55.00	906.6	873.7	136.69	1.5273	0.822
	56.00	915.6	882.8	136.72	1.5179	0.838
	57.00	924.5	891.6	136.77	1.5088	0.855
	58.00	933.0	900.1	136.81	1.5000	0.871
	59.00	941.5	908.6	136.86	1.4915	0.886
***** End Shut-in 1	60.00	950.1	917.2	136.90	1.4833	0.903
***** Start Flow 2	0.00	33.6	0.0	136.91		
	1.00	33.8	0.2	136.92		
	2.00	33.8	0.2	136.92		
	3.00	33.8	0.2	136.92		
	4.00	33.8	0.2	136.93		
	5.00	33.9	0.2	136.96		
	6.00	33.9	0.2	136.98		
	7.00	33.9	0.2	137.00		
	8.00	33.9	0.2	137.03		
	9.00	34.0	0.3	137.06		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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DATE: 06/07/97 TIME: 22:33:06

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	10.00	34.0	0.3	137.09		
	11.00	34.1	0.4	137.12		
	12.00	34.1	0.4	137.15		
	13.00	34.1	0.5	137.18		
	14.00	34.1	0.5	137.21		
	15.00	34.1	0.5	137.24		
	16.00	34.1	0.5	137.27		
	17.00	34.1	0.5	137.30		
	18.00	34.1	0.5	137.33		
	19.00	34.1	0.5	137.37		
	20.00	34.1	0.4	137.40		
	21.00	34.1	0.4	137.43		
	22.00	34.1	0.4	137.46		
	23.00	34.1	0.4	137.50		
	24.00	34.1	0.4	137.53		
	25.00	34.1	0.4	137.57		
	26.00	34.1	0.4	137.62		
	27.00	34.1	0.4	137.66		
	28.00	34.1	0.4	137.70		
	29.00	34.1	0.4	137.75		
***** End Flow 2	30.00	34.5	0.8	137.80		
***** Start Shutin 2	0.00	34.5	0.0	137.80	0.0000	0.001
	1.00	39.5	5.0	137.84	60.0000	0.002
	2.00	45.5	11.0	137.88	30.5000	0.002
	3.00	52.6	18.1	137.93	20.6667	0.003
	4.00	61.3	26.8	137.98	15.7500	0.004
	5.00	71.7	37.2	138.02	12.8000	0.005
	6.00	84.1	49.6	138.06	10.8333	0.007
	7.00	98.4	63.9	138.10	9.4286	0.01
	8.00	113.9	79.4	138.15	8.3750	0.013
	9.00	129.4	94.9	138.19	7.5556	0.017
	10.00	147.1	112.6	138.24	6.9000	0.022
	11.00	166.2	131.7	138.30	6.3636	0.028
	12.00	185.1	150.6	138.34	5.9167	0.034
	13.00	204.2	169.7	138.39	5.5385	0.042
	14.00	223.1	188.6	138.43	5.2143	0.050
	15.00	241.8	207.3	138.48	4.9333	0.058
	16.00	260.3	225.8	138.53	4.6875	0.068
	17.00	278.6	244.1	138.57	4.4706	0.078
	18.00	296.5	262.0	138.62	4.2778	0.088
	19.00	314.0	279.5	138.66	4.1053	0.099
	20.00	331.1	296.6	138.70	3.9500	0.110
	21.00	348.6	314.1	138.75	3.8095	0.122
	22.00	364.7	330.3	138.79	3.6818	0.133
	23.00	380.6	346.1	138.82	3.5652	0.145
	24.00	396.4	361.9	138.86	3.4583	0.157
	25.00	411.4	376.9	138.91	3.3600	0.169
	26.00	426.7	392.2	138.94	3.2692	0.182
	27.00	440.9	406.4	138.99	3.1852	0.194
	28.00	455.0	420.6	139.03	3.1071	0.207
	29.00	468.8	434.3	139.07	3.0345	0.220

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9942 DST #1 Clark #1 Cambrian Oil Co.

DATE: 06/07/97 TIME: 22:33:06

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	30.00	482.2	447.7	139.12	2.9667	0.232
	31.00	495.2	460.8	139.16	2.9032	0.245
	32.00	508.0	473.5	139.22	2.8438	0.258
	33.00	520.6	486.1	139.28	2.7879	0.271
	34.00	532.8	498.4	139.33	2.7353	0.284
	35.00	544.8	510.3	139.37	2.6857	0.297
	36.00	556.7	522.2	139.42	2.6389	0.310
	37.00	568.4	533.9	139.47	2.5946	0.323
	38.00	579.7	545.2	139.52	2.5526	0.336
	39.00	590.8	556.3	139.57	2.5128	0.349
	40.00	601.6	567.1	139.61	2.4750	0.362
	41.00	612.2	577.7	139.64	2.4390	0.375
	42.00	622.6	588.1	139.68	2.4048	0.388
	43.00	632.6	598.2	139.71	2.3721	0.400
	44.00	642.5	608.1	139.75	2.3409	0.413
	45.00	652.4	617.9	139.77	2.3111	0.426
	46.00	661.9	627.4	139.79	2.2826	0.438
	47.00	671.3	636.8	139.82	2.2553	0.451
	48.00	680.5	646.0	139.84	2.2292	0.463
	49.00	689.5	655.1	139.87	2.2041	0.475
	50.00	698.6	664.1	139.89	2.1800	0.488
	51.00	707.4	672.9	139.92	2.1569	0.500
	52.00	716.0	681.5	139.95	2.1346	0.513
	53.00	724.4	689.9	139.97	2.1132	0.525
	54.00	732.9	698.4	140.00	2.0926	0.537
	55.00	741.5	707.0	140.02	2.0727	0.550
	56.00	749.1	714.6	140.05	2.0536	0.561
	57.00	756.9	722.5	140.07	2.0351	0.573
***** End Shut-in 2	58.00	764.8	730.3	140.10	2.0172	0.585
***** Final Hydro.	389.00	2109.0	0.0	140.20		

TEST HISTORY

9942 DST #1 Clark #1 Cambrian Oil Co.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2115.98
B:	0.00	31.55
C:	29.00	32.89
D:	60.00	950.14
E:	0.00	33.65
F:	30.00	34.49
G:	58.00	764.83
Q:	0.00	2109.01

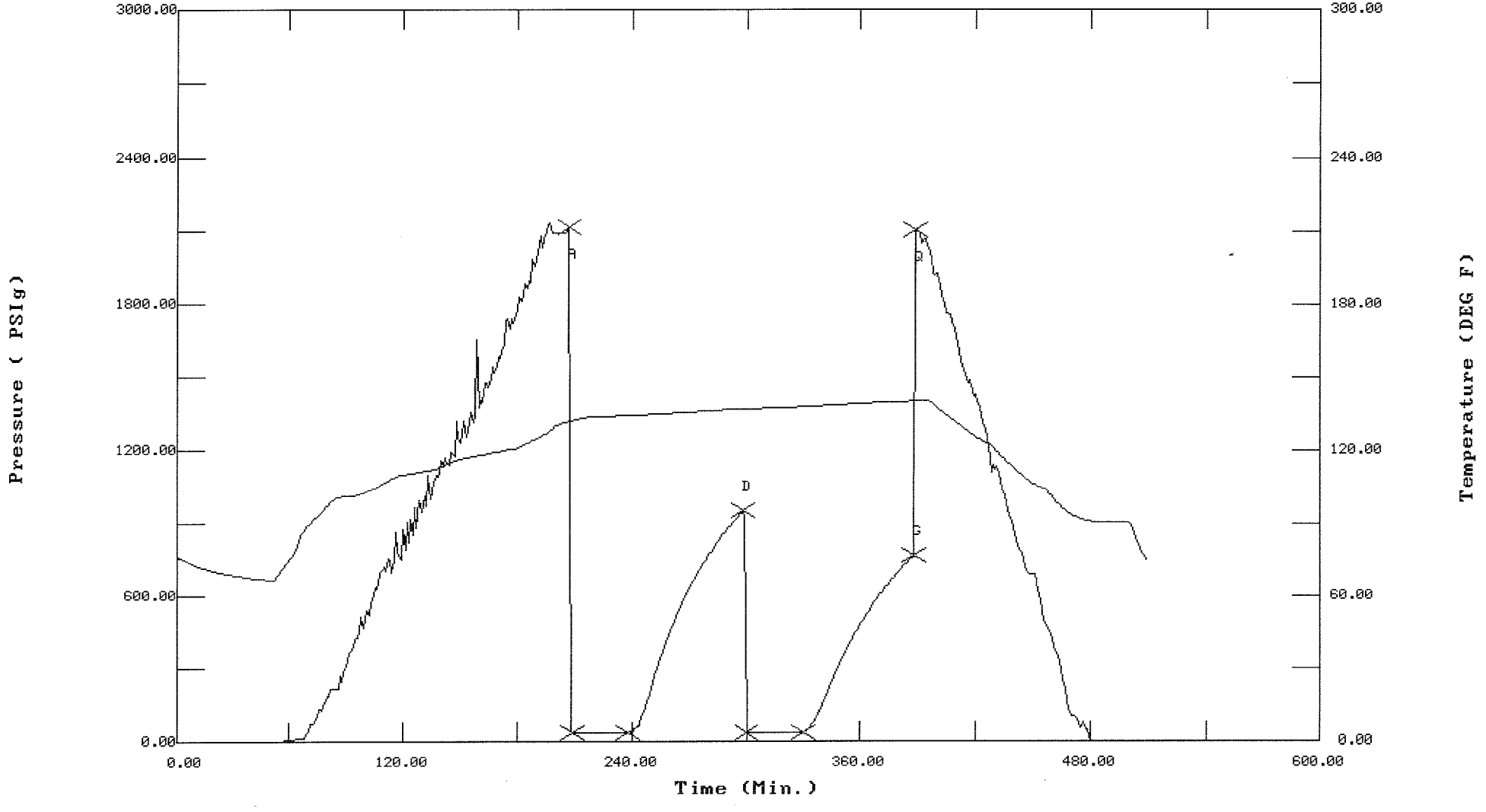
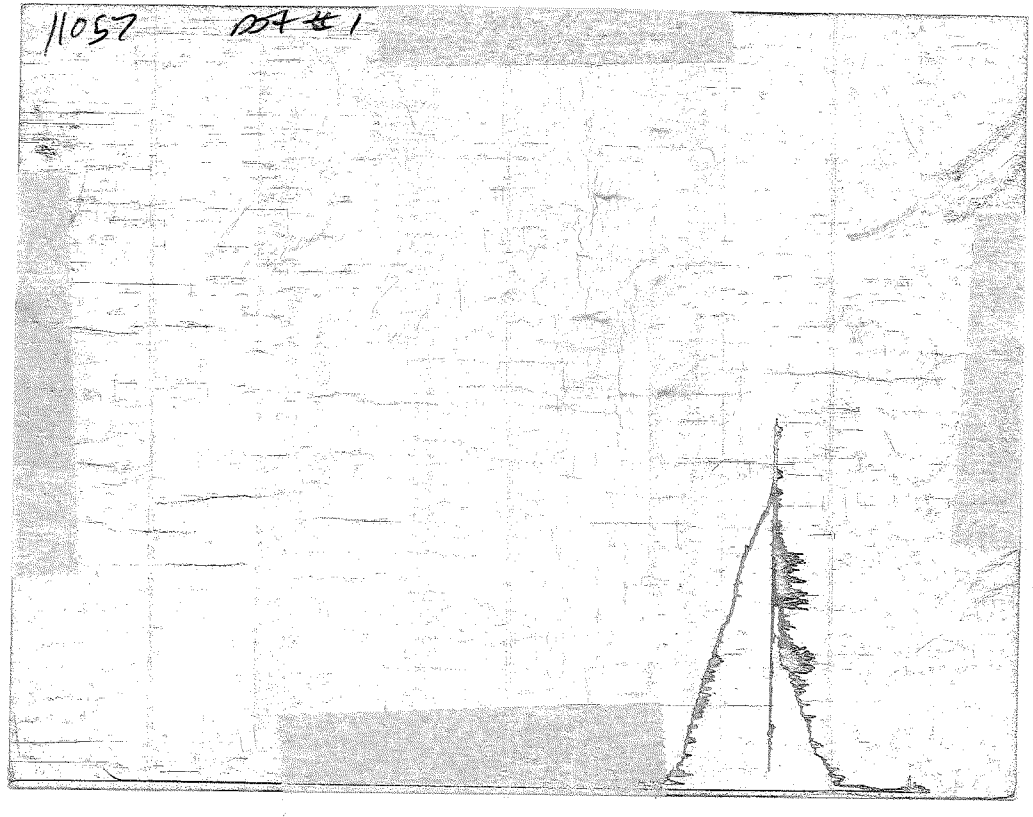


CHART PAGE



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

№ 9942

Well Name & No. Hank #1 Test No. 1 Date 6-7-97

Company Cambrian Oil Co. Zone Tested KC

Address 4480 South Meridian #2 Wichita KS Elevation 3603' KB 3598' GL

Co. Rep / Geo. Rod Anderson Cont. Nebland #1 Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 25 Twp. 1 Rge. 42 Co. Cheyenne State KS

No. of Copies Norm. Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N) ____

Interval Tested 4448' 4486' Initial Str Wt./Lbs. 20,000 Unseated Str Wt./Lbs. 20,000

Anchor Length 46' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 35,000

Top Packer Depth 4435 Tool Weight 4,000

Bottom Packer Depth 4440 Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Total Depth 4486 Wt. Pipe Run — Drill Collar Run 316'

Mud Wt. 9.0 LCM ____ Vis. 49 WL 7.6 Drill Pipe Size 4½ XH Ft. Run ____

Blow Description 1" in blow died in 22 min.

ISI: No return

IF: Bubble to open tool — No blow

FSI: No return

Recovery — Total Feet 20' GIP — Ft. in DC 20' Ft. in DP —

Rec. 20'	Feet Of Drlg Mud	%gas	%oil	%water	100 %mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud

BHT 140° °F Gravity — °API D@ — °F Corrected Gravity — °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud	2115 PSI	Recorder No. 2392	T-Started 23:30 P.m.
(B) First Initial Flow Pressure	31 PSI	(depth) 4448	T-Open 02:57 A.m.
(C) First Final Flow Pressure	32 PSI	Recorder No. 11057	T-Pulled 05:57 A.m.
(D) Initial Shut-in Pressure	950 PSI	(depth) 4481	T-Out 08:20 A.m.
(E) Second Initial Flow Pressure	33 PSI	Recorder No. ____	
(F) Second Final Flow Pressure	34 PSI	(depth) ____	
(G) Final Shut-in Pressure	764 PSI	Initial Opening 30	Test X ____
(H) Final Hydrostatic Mud	2109 PSI	Initial Shut-in 60	Jars X ____
		Final Flow 30	Safety Joint X ____
		Final Shut-in 60	Straddle ____
			Circ. Sub X N/C
			Sampler X ____
			Extra Packer ____
			Elect. Rec. X ____
			Other ____
			TOTAL PRICE $ ____

Hook Jeffrey

AK-1 AK Pine

TRILOBIITE 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 Rod Anderson

Our Representative Shane McCoy

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 9942 Date 6-2-97

Company Name Cambrian Oil Co.

Lease Clark #1 Test No. 1

County Cheyenne, KS Sec. 25 Twp. 1 Rng. 42

SAMPLER RECOVERY

Gas _____ ML

Oil _____ ML

Mud 4,000 ML

Water _____ ML

Other _____ ML

Pressure 20 PSI

Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 600 ppm.

Resistivity 9.7 ohms @ 63 F

Viscosity 54

Mud Weight 9.0

Filtrate 7.6

Other _____

SAMPLER ANALYSIS

Resistivity 9.7 ohms @ 63 F

Chlorides 600 ppm.

Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

MIDDLE

Resistivity 9.7 ohms @ 63 F

Chlorides 600 ppm.

BOTTOM

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.