

WELL NAME: Cary "36-16"
COMPANY: Samuel Gary
LOCATION: 36-32s-19w
Comanche County, Kansas
DATE: 8/12/98

TRILOBITE TESTING L.L.C.

OPERATOR : Samuel Gary DATE 8-6-98
 WELL NAME: Cary "36-16" KB 2076.00 ft TICKET NO: 10764 DST #1
 LOCATION : 36-32S-19W Comanche co KS GR 2063.00 ft FORMATION: Fort Scott
 INTERVAL : 5097.00 To 5135.00 ft TD 5135.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 10 Rec.	13630	13630	Alpine			PF Fr. 2200 to 2210 hr
SI 90 Range(Psi)	4625.0	4625.0	5000.0	0.0	0.0	IS Fr. 2210 to 2340 hr
SF 90 Clock(hrs)	12 HR	12 HR	12 HR			SF Fr. 2340 to 0110 hr
FS 180 Depth(ft)	5132.0	5132.0	5099.0	0.0	0.0	FS Fr. 0110 to 0410 hr

	Field	1	2	3	4	
A. Init Hydro	2460.0	2477.0	2404.0	0.0	0.0	T STARTED 2015 hr
B. First Flow	176.0	185.0	22.0	0.0	0.0	T ON BOTM 2156 hr
B1. Final Flow	165.0	161.0	27.0	0.0	0.0	T OPEN 2200 hr
C. In Shut-in	1717.0	1714.0	1690.0	0.0	0.0	T PULLED 0410 hr
D. Init Flow	142.0	139.0	24.0	0.0	0.0	T OUT 0730 hr
E. Final Flow	126.0	126.0	38.0	0.0	0.0	
F. Fl Shut-in	1713.0	1706.0	1680.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2389.0	2392.0	2364.0	0.0	0.0	Tool Wt. 1800:00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 22000.00 lbs
						Wt Pulled Loose 15000.00 lbs
						Initial Str Wt 90000.00 lbs
						Unseated Str Wt 90000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 350.00 ft
						D.P. Length 4736.00 ft

RECOVERY

Tot Fluid 60.00 ft of 60.00 ft in DC and 0.00 ft in DP
 5026.00 ft of Gas in pipe
 60.00 ft of Mud 100% 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 11000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Strong, off bottom of bucket in 45 secs
 cracked 2" slightly
 Initial Shut-in:
 No blow-back.
 Final Flow:
 Strong, off bottom of bucket
 immediately Gas to surface in 13 mins.
 Final Shut-in:
 No blow-back.

SAMPLES: One
 SENT TO: Caraway

MUD DATA-----
 Mud Type Chemical
 Weight 9.20 lb/c
 Vis. 50.00 S/L
 W.L. 9.00 in3
 F.C. 0.00 in
 Mud Drop Y 10.0 ft
 Amt. of fill 0.00 ft
 Btm. H. Temp. 118.00 F
 Hole Condition Good
 % Porosity 6.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Lanny Saloga
 Co. Rep. Dale Padgett
 Contr. Duke
 Rig # 7
 Unit #
 Pump T.

Test Successful: Y

NATURAL GAS ANALYSIS REPORT

Sampled by:
 Trilobite Testing, L. L. C.
 Hays, Kansas
 Scott City, Kansas
 Phone: 800-728-5369
 Fax: 913-625-5620

Analyzed by:
 Caraway Analytical, Inc
 P. O. Box 2137
 Liberal, Kansas 67905
 Phone: 316-624-5389
 Fax: 316-626-7108

Lab Number:	983014	Analyzed:	08/09/98
Sample From:	Cary 36-16 DST 1	Pressure:	
Producer:	Samuel Gary Jr. & Assoc	Temperature:	
Date:		Location:	36-32-19
Time:		County:	Comanche
Sampler:		State:	Kansas
Source:		Formation:	Ft. Scott

	Mole %	GPM
Helium	He: 0.118	0.000
Hydrogen	H2: 0.007	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 2.590	0.000
Carbon Dioxide	CO2: 0.043	0.000
Methane	C1: 86.721	0.000
Ethane	C2: 4.251	1.137
Propane	C3: 3.164	0.872
Iso Butane	iC4: 0.404	0.132
Normal Butane	nC4: 1.152	0.363
Iso Pentane	iC5: 0.275	0.101
Normal Pentane	nC5: 0.343	0.124
Hexanes Plus	C6+: 0.932	0.407
TOTAL:	100.000	3.136
Z Fact:	0.9972	
SP.GR.:	0.6773	
BTU (SAT):	1139.8 @ 14.73 psia	
BTU (DRY):	1160.0 @ 14.73 psia	
OCTANE RATING:	122.2	

COMMENTS: 0.000

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Cary "36-16"

LOCATION : 36-32S-19W Comanche co KS

TICKET No. 10764 D.S.T. No. 1 DATE 8-6-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 38

TOTAL TOOL 68

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.Stands 6 Single Total 350

D.P. ABOVE TOOLS.Stands 76 Single Total 4736

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5154

TOTAL DEPTH 5135

TOTAL DRILL PIPE ABOVE K.B. 19

REMARKS:

FLUID SAMPLER DATA

Total Vol. 5000 ML.
 Total Vol. Rec. 800 ML.
 Oil 0 ML.
 Mud 640 ML.
 Wtr. 160 ML.
 Gas 21.4 CF.
 Psi. 1450
 Bht. 118 F.
 Pit RW. 1.1 Ohms at 65 F. 6,000 PPM.
 Rec RW. 0.69 Ohms at 57 F. 11,000 PPM.
 Gravity --- at -- F.

P.O. SUB Cir. sub	5007
C.O. SUB Top of tool	5067
Double pin	5068
S.I. TOOL H&T	5073
Sampler	5076
HMV Sterling	5081
JARS Sterling	5086
SAFETY JOINT Bowen	5088
PACKER Sparton	5093
PACKER Sparton	5097
DEPTH	
STUBB Rec. sub	5099
ANCHOR Alpine	5099
T.C.	
DEPTH	
Pu. sub	5104
AK-1	5132
29 ft. perfs	5133
BULLNOSE 2 ft. perf	
T.D.	5135

TEST HISTORY

10764 D.S.T.#1 Cary "36-16" Samuel Gary

Flag Points

	t (Min.)	P (PSIg)
A:	0.00	2404.63
B:	0.00	22.37
C:	9.50	27.56
D:	89.00	1690.22
E:	0.00	24.42
F:	88.00	38.52
G:	180.50	1680.25
Q:	0.00	2364.30

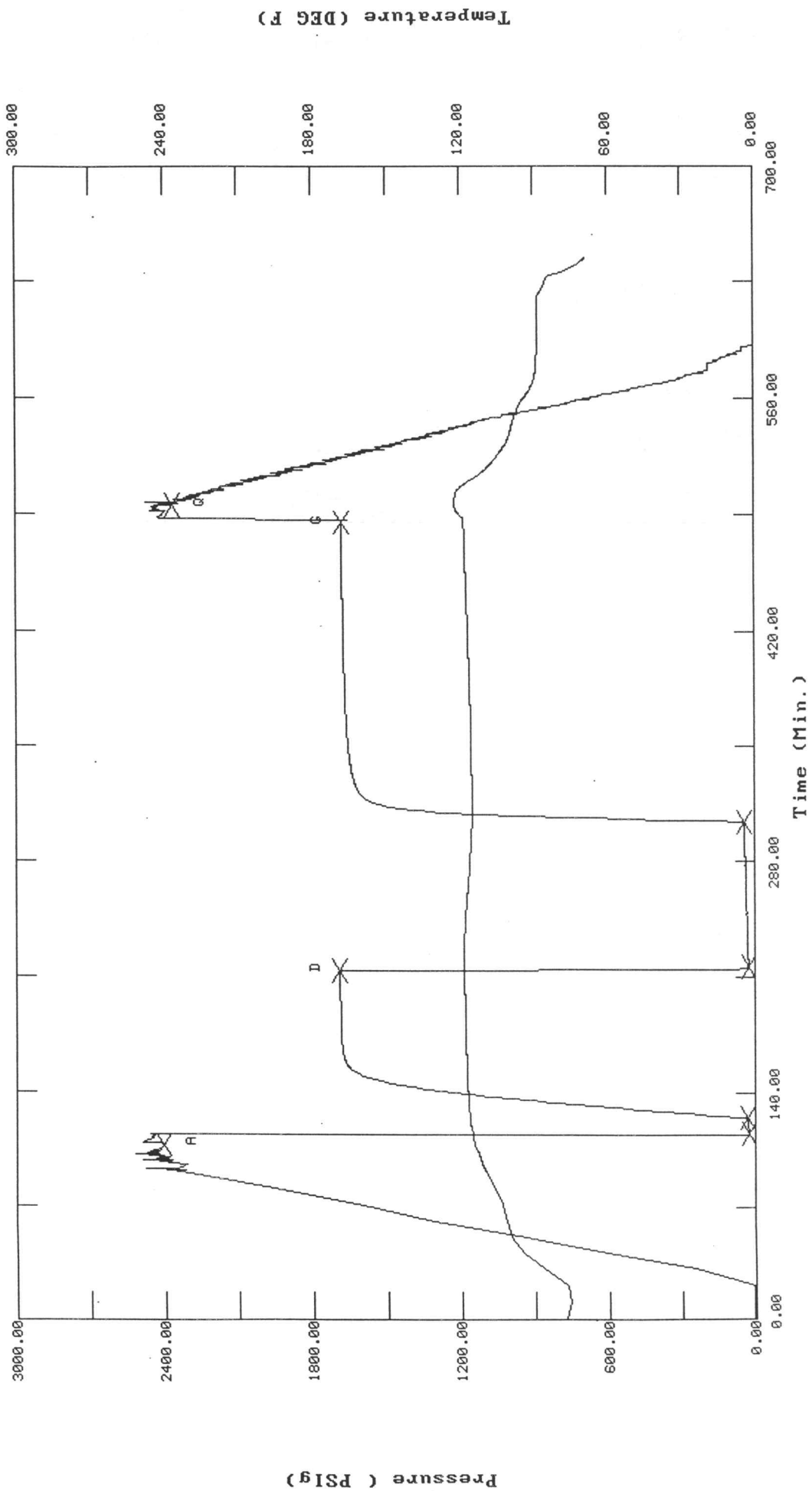
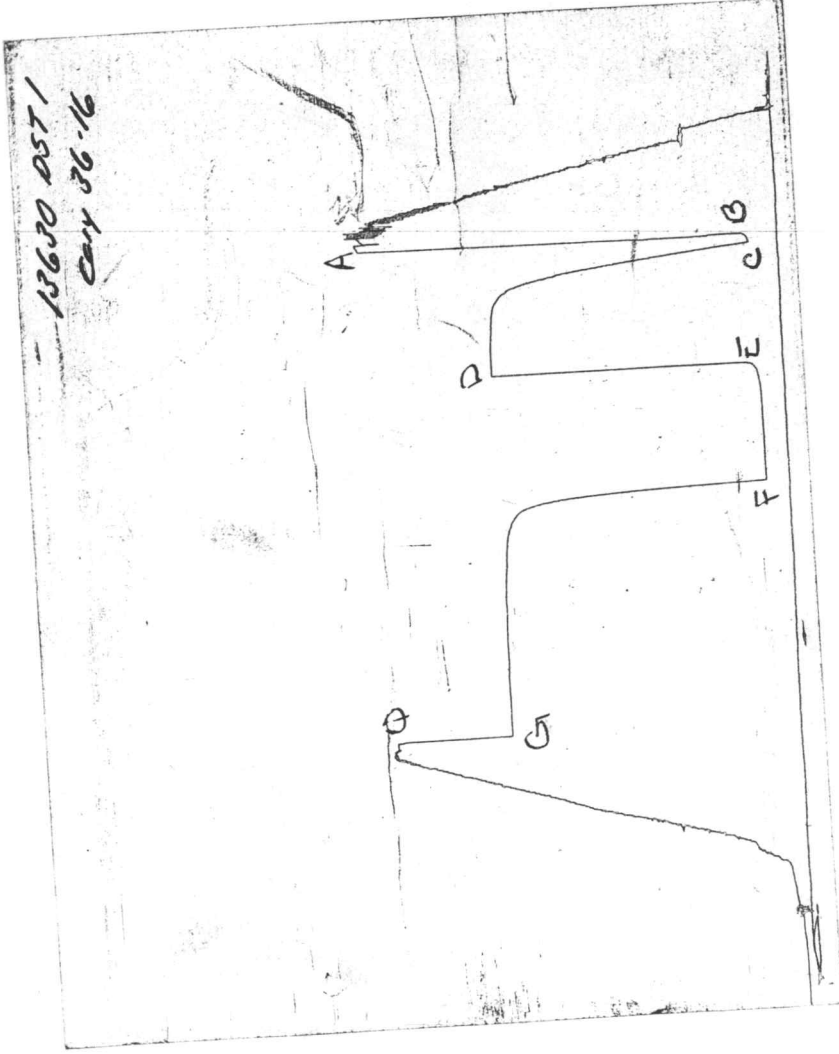


CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Samuel Gary DATE 8-7-98
 WELL NAME: Cary "36-16" KB 2076.00 ft TICKET NO: 10765 DST #2
 LOCATION : 36-32S-19W Comanche co KS GR 2063.00 ft FORMATION: Top Miss.
 INTERVAL : 5133.00 To 5235.00 ft TD 5235.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 5 Rec.	13630	13630	Alpine			PF Fr. 2215 to 2220 hr
SI 60 Range(Psi)	4625.0	4625.0	5000.0	0.0	0.0	IS Fr. 2220 to 2320 hr
SF 70 Clock(hrs)	12 HR	12 HR	12 HR			SF Fr. 2320 to 0030 hr
FS 180 Depth(ft)	5232.0	5232.0	5202.0	0.0	0.0	FS Fr. 0030 to 0330 hr

	Field	1	2	3	4	
A. Init Hydro	2520.0	2551.0	2430.0	0.0	0.0	T STARTED 2030 hr
B. First Flow	445.0	486.0	500.0	0.0	0.0	T ON BOTM 2211 hr
B1. Final Flow	377.0	392.0	232.0	0.0	0.0	T OPEN 2215 hr
C. In Shut-in	1899.0	1892.0	1847.0	0.0	0.0	T PULLED 0330 hr
D. Init Flow	328.0	331.0	236.0	0.0	0.0	T OUT 0730 hr
E. Final Flow	244.0	249.0	147.0	0.0	0.0	
F. Fl Shut-in	1848.0	1857.0	1784.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2511.0	2515.0	2418.0	0.0	0.0	Tool Wt. 2800.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 22000.00 lbs
						Wt Pulled Loose 100000.00 lbs
						Initial Str Wt 92000.00 lbs
						Unseated Str Wt 94000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 350.00 ft
						D.P. Length 4769.00 ft

RECOVERY

Tot Fluid 350.00 ft of 350.00 ft in DC and 0.00 ft in DP
 4769.00 ft of Gas in pipe
 350.00 ft of Thin Mud 100% 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 6600.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	51.00 S/L
W.L.	12.00 in3
F.C.	0.00 in
Mud Drop Y	10.0 ft

BLOW DESCRIPTION

Initial Flow:
 Strong, off bottom of bucket in 30 sec.
 Gas to surface in 4 mins.
 Initial Shut-in:
 No blow-back.
 Final Flow:
 Strong immediatly
 Final Shut-in:
 No blow back

Amt. of fill	0.00 ft
Btm. H. Temp.	117.00 F
Hole Condition	Good
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Lanny Saloga
Co. Rep.	Dale Padgett
Contr.	Duke
Rig #	7
Unit #	
Pump T.	

Remark: Jarred several times to get loose. Tool came loose jarring 100,000 over string wt.
 SAMPLES: One
 SENT TO: Caraway

Test Successful: Y

NATURAL GAS ANALYSIS REPORT

Sampled by:
 Trilobite Testing, L. L. C.
 Hays, Kansas
 Scott City, Kansas
 Phone: 800-728-5369
 Fax: 913-625-5620

Analyzed by:
 Caraway Analytical, Inc
 P. O. Box 2137
 Liberal, Kansas 67905
 Phone: 316-624-5389
 Fax: 316-626-7108

Lab Number:	983015	Analyzed:	08/09/98
Sample From:	Cary 36-16 DST 2	Pressure:	
Producer:	Samuel Gary Jr. & Assoc	Temperature:	
Date:		Location:	36-32-19
Time:		County:	Comanche
Sampler:		State:	Kansas
Source:		Formation:	Top Miss

	Mole %	GPM
Helium	He: 0.109	0.000
Hydrogen	H2: 0.007	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 1.702	0.000
Carbon Dioxide	CO2: 0.197	0.000
Methane	C1: 92.670	0.000
Ethane	C2: 2.978	0.796
Propane	C3: 0.657	0.181
Iso Butane	iC4: 0.204	0.067
Normal Butane	nC4: 0.382	0.120
Iso Pentane	iC5: 0.139	0.051
Normal Pentane	nC5: 0.141	0.051
Hexanes Plus	C6+: 0.814	0.355

TOTAL: 100.000 1.622
 Z Fact: 0.9977
 SP.GR.: 0.6205
 BTU (SAT): 1063.5 @ 14.73 psia
 BTU (DRY): 1082.3 @ 14.73 psia
 OCTANE RATING: 125.0

COMMENTS:

0.000

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Cary "36-16"

LOCATION : 36-32S-19W Comanche co KS

TICKET No. 10765 D.S.T. No. 2 DATE 8-7-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 39

TOTAL TOOL 69

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single Total 63

TOTAL ASSEMBLY 132

D.C. ABOVE TOOLS.Stands 6 Single Total 350

D.P. ABOVE TOOLS.Stands 76 Single 1 Total 4769

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5251

TOTAL DEPTH 5235

TOTAL DRILL PIPE ABOVE K.B. 16

REMARKS:

FLUID SAMPLER DATA

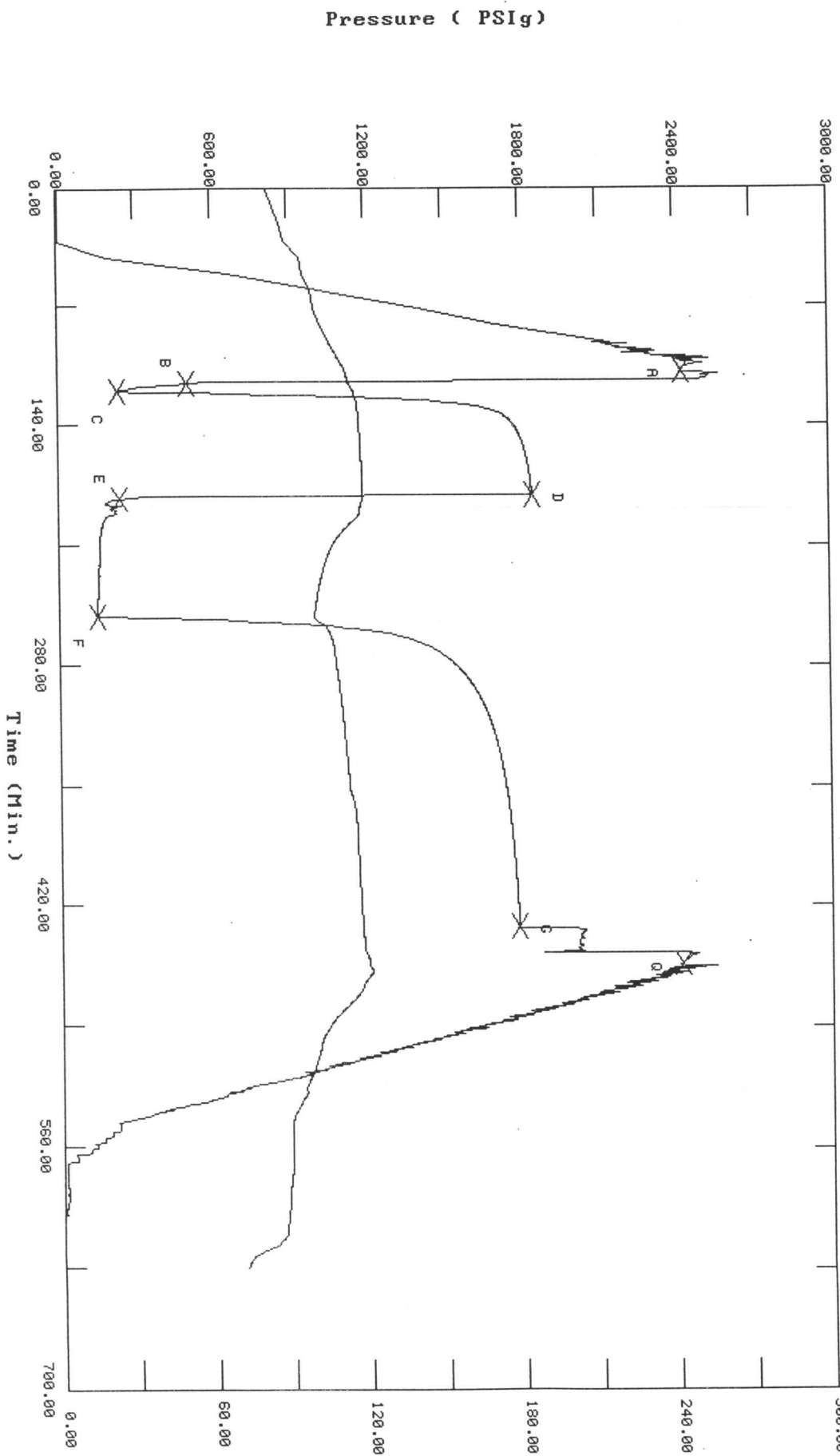
Total Vol. 5000 ML.
 Total Vol. Rec. 0 ML.
 Oil 0 ML.
 Mud 0 ML.
 Wtr. 0 ML.
 Gas 22.5 CF.
 Psi. 1520
 Bht. 117 F.
 Pit RW. 0.60 Ohms at 72 F. 10,000 PPM.
 Rec RW. 1.11 Ohms at 64 F. 6,600 PPM.
 Gravity --- at -- F.
 Rec. RW. was bottom sample, on top of tool.

P.O. SUB Cir. sub	5043
C.O. SUB Top of tool	5103
Double pin	5104
S.I. TOOL H&T	5109
Sampler	5112
HMV Sterling	5117
JARS Sterling	5122
SAFETY JOINT Bowen	5124
PACKER Sparton	5129
PACKER Sparton	5133
DEPTH	
STUBB 3 ft. perfs	5137
ANCHOR Co. sub	5138
1 std. DP	5201
Co. sub	5202
Alpine	5202
T.C.	
DEPTH	
Pu. sub	5207
AK-1	5232
26 ft. perfs	5233
BULLNOSE 2 ft.perf	
T.D.	5235

TEST HISTORY
 10765 D.S.T.#2 Cary "36-16" Samuel Gary

Flag Points

t(Min.)	P(PSIG)
R: 0.00	2430.37
B: 0.00	500.83
C: 5.00	232.18
D: 60.50	1847.92
E: 0.00	236.57
F: 68.50	147.91
G: 180.50	1784.01
Q: 0.00	2418.11

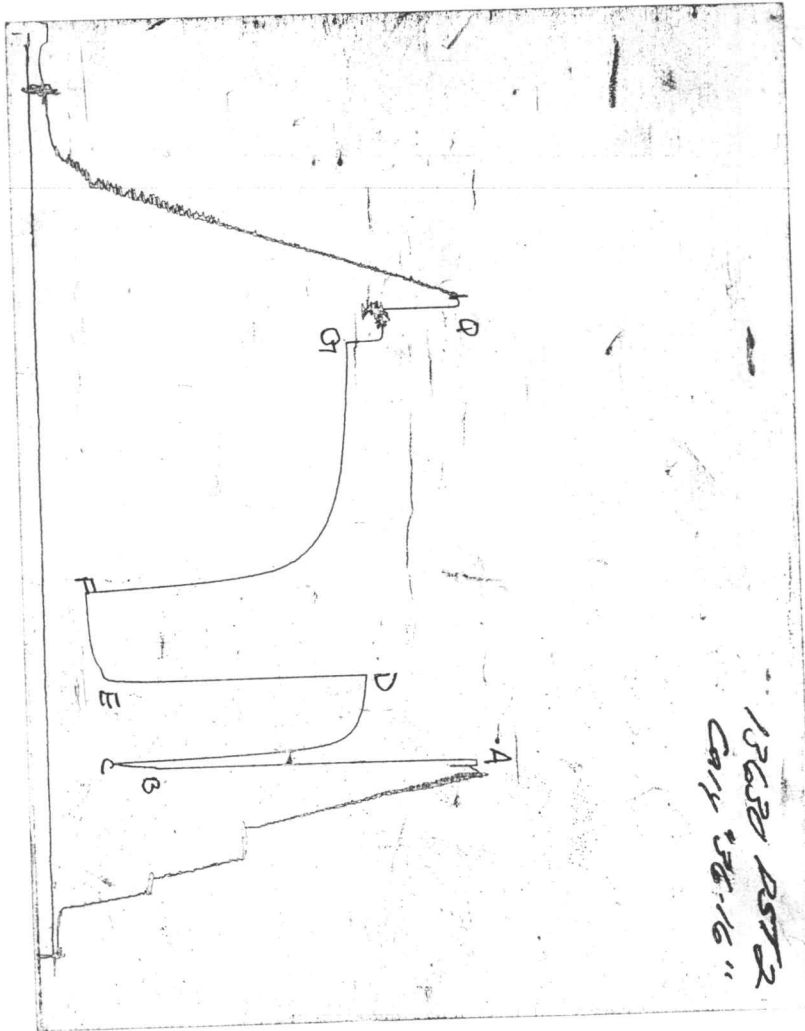


Pressure (PSIG)

Temperature (DEG F)

Time (Min.)

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

FLUID SAMPLER DATA

Ticket No. 10765 Date 8-7-98

Company Name Samuel Cary

Lease Cary "36-16" Test No. 2

County Cornache KS. Sec. 36 Twp. 32S. Rng. 19W.

Total Vol. = 5000 ML.

SAMPLER RECOVERY

Gas 22.5 C.F.#

Oil 0 ML

Mud 0 ML

Water 0 ML

Other 0 ML

Pressure 1520 PSI

Total Vol. Rec. 0 ML

PIT MUD ANALYSIS

Chlorides 10,000 ppm.

Resistivity 0.60 ohms @ 72 F

Viscosity 51

Mud Weight 9.2

Filtrate 12.0

Other 0 LCM

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F

Chlorides No Fluid ppm.

Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

MIDDLE
Resistivity 1.15 ohms @ 62 F

Chlorides 6,000 ppm.

BOTTOM
Resistivity 1.11 ohms @ 64 F

Chlorides 6,600 ppm.

TRILOBITE TESTING L.L.C.

OPERATOR : Samuel Gary DATE 8-10-98
 WELL NAME: Cary "36-16" KB 2076.00 ft TICKET NO: 10766 DST #3
 LOCATION : 36-32S-19W Comanche co KS GR 2063.00 ft FORMATION: Viola
 INTERVAL : 5858.00 To 5870.00 ft TD 5870.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 10	Rec.	13630	13630	Alpine			PF Fr. 1335 to 1345 hr
SI 90	Range(Psi)	4625.0	4625.0	5000.0	0.0	0.0	IS Fr. 1345 to 1515 hr
SF 30	Clock(hrs)	12 HR	12 HR	12 HR			SF Fr. 1515 to 1545 hr
FS 90	Depth(ft)	5867.0	5867.0	5860.0	0.0	0.0	FS Fr. 1545 to 1715 hr

	Field	1	2	3	4	
A. Init Hydro	2796.0	2757.0	2814.0	0.0	0.0	T STARTED 1200 hr
B. First Flow	741.0	771.0	743.0	0.0	0.0	T ON BOTM 1332 hr
B1. Final Flow	735.0	763.0	780.0	0.0	0.0	T OPEN 1335 hr
C. In Shut-in	1431.0	1461.0	1470.0	0.0	0.0	T PULLED 1715 hr
D. Init Flow	819.0	851.0	786.0	0.0	0.0	T OUT 2145 hr
E. Final Flow	1078.0	117.0	1134.0	0.0	0.0	
F. Fl Shut-in	1431.0	1470.0	1455.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2731.0	2740.0	2793.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 25000.00 lbs

RECOVERY

Tot Fluid 5859.00 ft of 350.00 ft in DC and 5509.00 ft in DP	Unseated Str Wt	99000.00 lbs
5359.00 ft of Clean gassy oil with pockets of Gas	Bot Choke	0.75 in
0.00 ft of 50% gas 50% oil	Hole Size	7.78 in
500.00 ft of Water	D Col. ID	2.25 in
0.00 ft of	D. Pipe ID	3.80 in
0.00 ft of	D.C. Length	350.00 ft
0.00 ft of	D.P. Length	5509.00 ft
0.00 ft of		
0.00 ft of		

SALINITY 36000.00 P.P.M. A.P.I. Gravity 36.00

BLOW DESCRIPTION

Initial Flow:
 Strong immediatly GTS in 3 min. Guaged
 424,000 CFPD.
 Initial Shut-in:
 Off bottom of bucket blow-back.
 Final Flow:
 Guaged 227,000 CFPD in 10 min. Flowing
 oil 17 min. into
 Final Shut-in:
 Blew oil & gas throughout
 Remark: Pulled 6 stds DP. Reversed out
 to reserve pit. Large pockets
 of gas.

SAMPLES: One
 SENT TO: Caraway

MUD DATA-----
 Mud Type Chemical
 Weight 9.20 lb/c
 Vis. 53:00 S/L
 W.L. 8.80 in3
 F.C. 0.00 in
 Mud Drop Y 30.0 ft
 Amt. of fill 0.00 ft
 Btm. H. Temp. 140.00 F
 Hole Condition Good
 % Porosity 12.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out Y
 Tool Chased N
 Tester Lanny Saloga
 Co. Rep. Dale Padgett
 Contr. Duke
 Rig # 7
 Unit #
 Pump T.

Test Successful: Y

NATURAL GAS ANALYSIS REPORT

Sampled by:
 Trilobite Testing, L. L. C.
 Hays, Kansas
 Scott City, Kansas
 Phone: 800-728-5369
 Fax: 913-625-5620

Analyzed by:
 Caraway Analytical, Inc
 P. O. Box 2137
 Liberal, Kansas 67905
 Phone: 316-624-5389
 Fax: 316-626-7108

Lab Number:	983022	Analyzed:	08/11/98
Sample From:	Cary 36-16 DST 3	Pressure:	08/10/98
Producer:	Samuel Gary Jr. & Assoc	Temperature:	
Date:		Location:	36-32-19
Time:		County:	Comanche
Sampler:		State:	Kansas
Source:		Formation:	Viola

		Mole %	GPM
Helium	He:	0.161	0.000
Hydrogen	H2:	0.002	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	4.736	0.000
Carbon Dioxide	CO2:	0.173	0.000
Methane	C1:	82.008	0.000
Ethane	C2:	6.561	1.755
Propane	C3:	2.995	0.825
Iso Butane	iC4:	0.467	0.153
Normal Butane	nC4:	1.200	0.378
Iso Pentane	iC5:	0.330	0.121
Normal Pentane	nC5:	0.456	0.165
Hexanes Plus	C6+:	0.911	0.397

TOTAL: 100.000 3.794
 Z Fact: 0.9971
 SP.GR.: 0.7013
 BTU (SAT): 1138.2 @ 14.73 psia
 BTU (DRY): 1158.3 @ 14.73 psia
 OCTANE RATING: 118.5

COMMENTS:

0.000

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Cary "36-16"

LOCATION : 36-32S-19W Comanche co KS

TICKET No. 10766 D.S.T. No. 3 DATE 8-10-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 12

TOTAL TOOL 42

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.Stands 6 Single Total 350

D.P. ABOVE TOOLS.Stands 88 Single 1 Total 5509

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5901

TOTAL DEPTH 5870

TOTAL DRILL PIPE ABOVE K.B. 31

REMARKS:

FLUID SAMPLER DATA

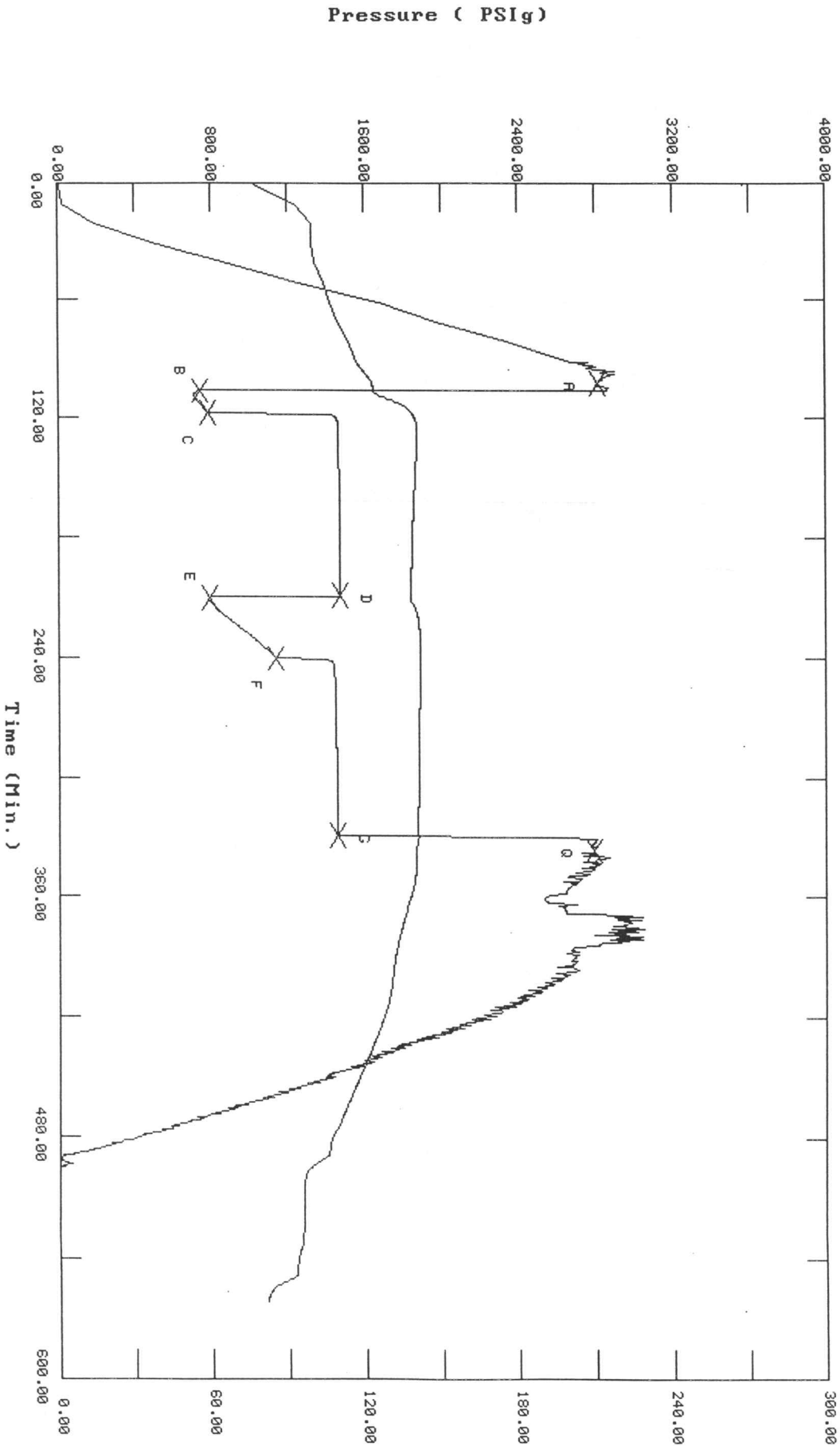
Total Vol. 5000 ML.
 Total Vol. Rec. 1400 ML.
 Oil 1400 ML.
 Mud 0 ML.
 Wtr. 0 ML.
 Gas 18.9 CF.
 Psi. 1,280
 Bht. 140 F.
 Pit RW. 0.75 Ohms at 72 F. 8,100 PPM.
 Rec RW. 0.18 Ohms at 77 F. 36,000 PPM.
 Gravity 36 at 60 F.
 Rec. RW came from bottom sample on top tool.

P.O. SUB Cir. sub	5768
C.O. SUB Top of tool	5828
Double pin	5829
S.I. TOOL H&T	5834
Sampler	5837
HMV Sterling	5842
JARS Sterling	5847
SAFETY JOINT Bowen	5849
PACKER Sparton	5854
PACKER Sparton	5858
DEPTH	
STUBB Rec. sub	5860
ANCHOR Alpine	5860
T.C.	
DEPTH	
Pu. sub	5865
AK-1	5867
3 ft. perf	5868
BULLNOSE 2 ft. perf	
T.D.	5870

TEST HISTORY
 10766 D.S.T. #3 Cary "36-16" Samuel Gary

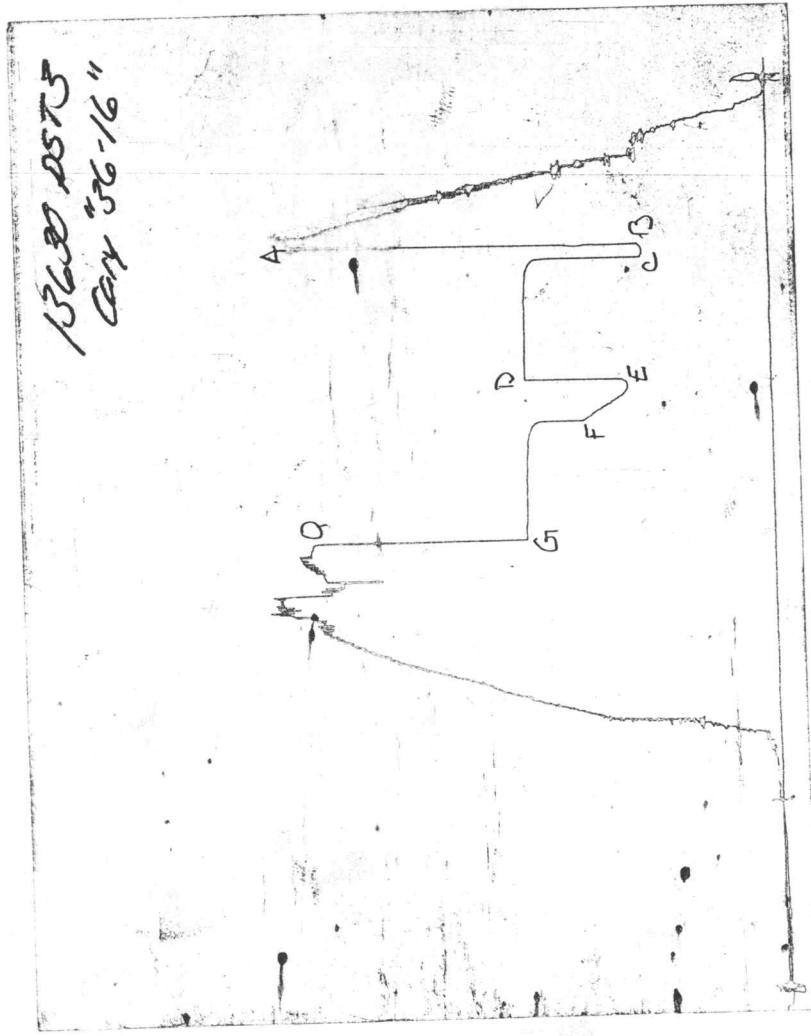
Flag Points

t (Min.)	P (PSig)
A: 0.00	2814.25
B: 0.00	743.40
C: 11.00	780.81
D: 91.50	1470.11
E: 0.00	786.07
F: 30.00	1134.59
G: 89.00	1455.36
Q: 0.00	2793.74



Temperature (DEG F)

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

FLUID SAMPLER DATA

Ticket No. 10766 Date 8-10-98

Company Name Samuel Cary

Lease Cary "36-16" Test No. 3

County Campache KS Sec. 36 Twp. 32S Rng. 19W

Total Vol. = 5000 ML.

SAMPLER RECOVERY

Gas 18.9 C.F. ~~ML~~

Oil 1400 ML

Mud 0 ML

Water 0 ML

Other 0 ML

Pressure 1,280 PSI

Total Vol. Rec. ML

PIT MUD ANALYSIS

Chlorides 8,100 ppm.

Resistivity 0.75 ohms @ 72 F

Viscosity 53

Mud Weight 9.2

Filtrate 8.8

Other 3# L.C.M.

SAMPLER ANALYSIS

Resistivity — ohms @ — F

Chlorides — ppm.

No Wtr. in Sampler

Gravity — corrected @ 60 F

PIPE RECOVERY

TOP

Resistivity 0.18 ohms @ 86 F

Chlorides 30,000 ppm.

MIDDLE

Resistivity — ohms @ — F

Chlorides — ppm.

BOTTOM

Resistivity 0.18 ohms @ 77 F

Chlorides 36,000 ppm.