15-197-21456

16-28s-20w

TRILOBITE TESTING L.L.C.

OPERATOR : GLB Exploration Inc. DATE 10-11-000
WELL NAME: Clayton #1-16 KB 2324.00 ft TICKET NO: 13205 DST #1
LOCATION : 16-28s-20w Kiowa co KS GR 2319.00 ft FORMATION: Lansing
INTERVAL : 4344.00 To 4375.00 ft TD 4375.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 15	Rec.	10248	10248	2342		
SI 45	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF 30	Clock(hrs)	12 hr	12 hr	batt.		
FS 60	Depth(ft)	4372.0	4372.0	4350.0	0.0	0.0

TIME DATA----------
PF Fr. 0425 to 0440 hr
IS Fr. 0440 to 0525 hr
SF Fr. 0525 to 0555 hr
FS Fr. 0555 to 0655 hr

	Field	1	2	3	4
A. Init Hydro	2206.0	0.0	2037.0	0.0	0.0
B. First Flow	34.0	0.0	30.0	0.0	0.0
B1. Final Flow	57.0	0.0	47.0	0.0	0.0
C. In Shut-in	1371.0	0.0	1342.0	0.0	0.0
D. Init Flow	57.0	0.0	54.0	0.0	0.0
E. Final Flow	75.0	0.0	74.0	0.0	0.0
F. Fl Shut-in	1329.0	0.0	1319.0	0.0	0.0
G. Final Hydro	2173.0	0.0	2038.0	0.0	0.0
Inside/Outside	O	O	I	T	

T STARTED 0234 hr
T ON BOTM 0415 hr
T OPEN 0425 hr
T PULLED 0659 hr
T OUT 0845 hr

RECOVERY
Tot Fluid 90.00 ft of 90.00 ft in DC and 0.00 ft in DP
0.00 ft of Trace of gas in pipe.
30.00 ft of Mud with oil specs.
60.00 ft of Muddy water with oil specs
0.00 ft of 70% water 30% mud
0.00 ft of
0.00 ft of
0.00 ft of Rw .095 ohms @ 55 degrees F.
0.00 ft of EST.FT. of PAY----------5
SALINITY 81000.00 P.P.M. A.P.I. Gravity 0.00

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

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	65000.00 lbs
Initial Str Wt	54000.00 lbs
Unseated Str Wt	54000.00 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	240.00 ft
D.P. Length	4078.00 ft

BLOW DESCRIPTION
Initial Flow:
Weak blow 1-2 1/2"

Initial Shut-In:
No blow.

Final Flow:
Weak blow. 1/4"-1/2".

Final Shut-In:
No blow.

SAMPLES: none
SENT TO:Caraway/Liberal

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

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	45.00 S/L
W.L.	10.00 in3
F.C.	0.20 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	107.00 F
Hole Condition	Good
% Porosity	10.00
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.	Bill Hamilton
Contr.	Mallard JV
Rig #	1
Unit #	
Pump T.	LCM 0 #/bl

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Clayton #1-16

LOCATION : 16-28s-20w Kiowa co KS

TICKET No. 13205 D.S.T. No. 1 DATE 10-11-000

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 31

TOTAL TOOL 61

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 61

D.C. ABOVE TOOLS.Stands4 Single Total 240

D.P. ABOVE TOOLS.Stands65 Single 1 Total 4078

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4379

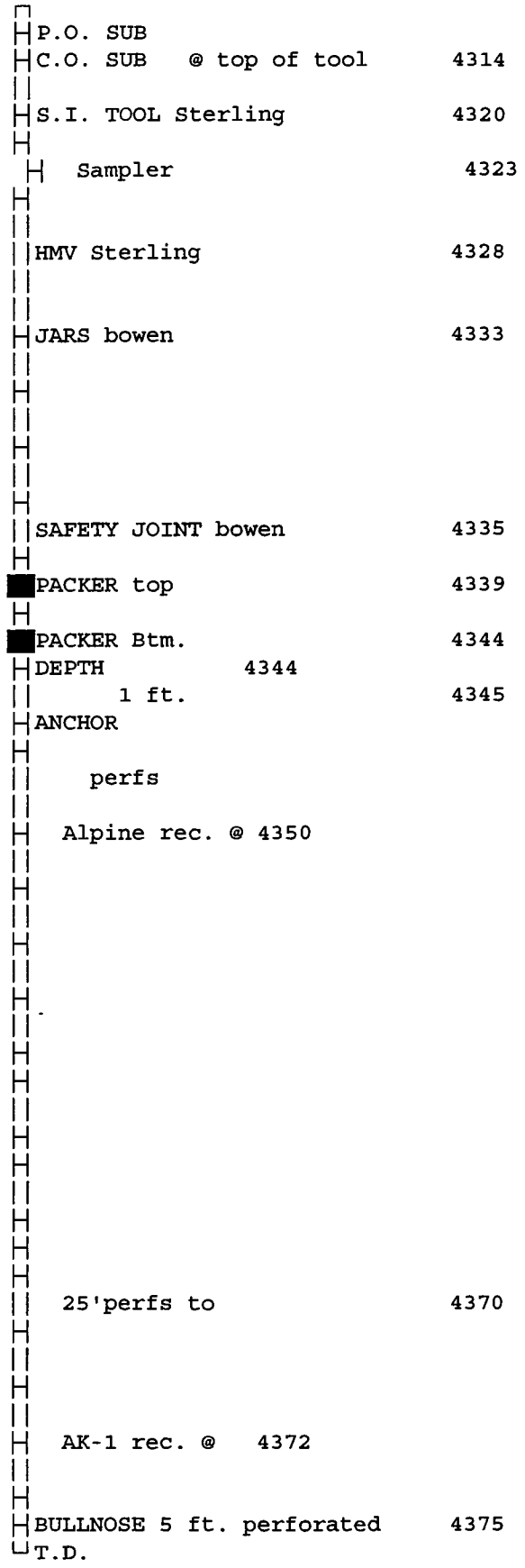
TOTAL DEPTH 4375

TOTAL DRILL PIPE ABOVE K.B. 4

REMARKS:
Comments:

FLUID SAMPLER DATA

GAS---------- trace
OIL---------- 40 ML.
MUD---------- 760 ML.
WATER---------- 3200 ML.
OTHER---------- cuttings
PRESSURE---------- 410 PSI
Rw ----------.095 ohms @ 55 deg. F.
CHLORIDES---------- 81000 ppm.
GRAVITY---------- n/a deg.API

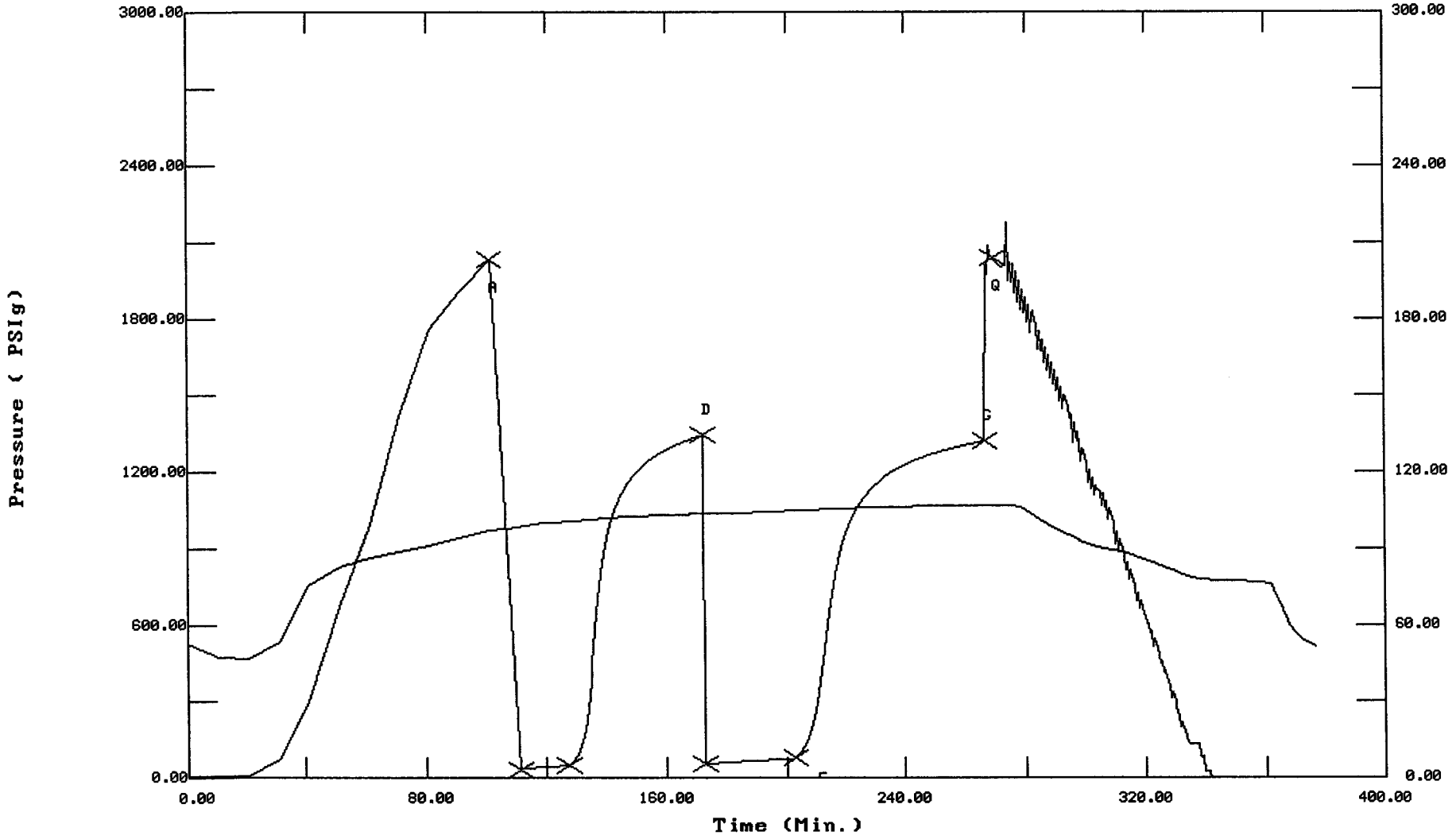


TEST HISTORY

13205 DST#1 CLAYTON #1-16 GLB EXPLORATION INC.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2036.58
B:	0.00	29.87
C:	16.00	47.16
D:	45.00	1341.66
E:	0.00	53.54
F:	30.00	73.60
G:	63.50	1319.42
Q:	0.00	2038.43



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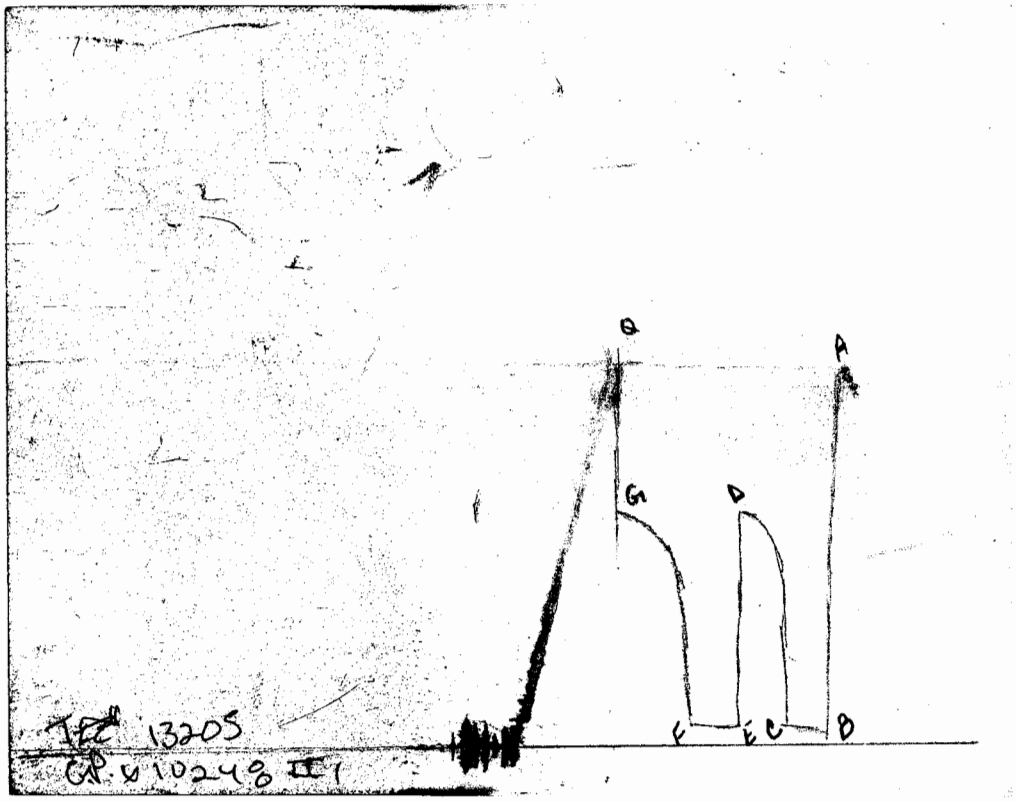


This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 13205 Date 10-11-2006

Company Name CLB Expl. Inc.

Lease Clayton # 1-16 Test No. 1

County Kiowa Ks. Sec. 16 Twp. 28S Rng. 20W

SAMPLER RECOVERY

Gas Trace ML

Oil 40 ML

Mud 760 ML

Water 3200 ML

Other Cuttings ML

Pressure 410 PSI

Total 4000 ML

PIT MUD ANALYSIS

Chlorides 7,000 ppm.

Resistivity 1.33 ohms @ 41 F

Viscosity 45

Mud Weight 9.0

Filtrate 10.0 cc.

Other

SAMPLER ANALYSIS

Resistivity .095 ohms @ 55 F

Chlorides 81,000 ppm.

Gravity N/A corrected @ 60 F

PIPE RECOVERY

TOP Trace of Gas in Pipe

Resistivity N/A ohms @ — F

Chlorides N/A ppm.

MIDDLE 30' Mud @ oil specs.

Resistivity N.C. ohms @ — F

Chlorides 7,000 ppm.

BOTTOM 60' MW @ oil specs.

Resistivity .095 ohms @ 55 F

Chlorides 81,000 ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

№ 13205

Test Ticket

Well Name & No. Clayton #1-16 Test No. 1 Date 10-11-2000

Company CLB Expl Inc. Zone Tested Lansing

Address 200 N. Harvey Ste. 800, Okla. City Ok. 73102 Elevation 2324 KB 2319 GL

Co. Rep / Geo. Bill Hamilton Cont. Mallard JV #1 Est. Ft. of Pay 5 Por. — %

Location: Sec. 16 Twp. 28S Rge. 20W Co. Kiowa State Ks.

No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) ____ Evaluation (Y, N) ____

Interval Tested 4344 - 4375' Initial Str Wt./Lbs. 54,000 Unseated Str Wt./Lbs. 54,000

Anchor Length 31' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000

Top Packer Depth 4339' Tool Weight 2100 #

Bottom Packer Depth 4344' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Total Depth 4375' Wt. Pipe Run None Drill Collar Run 240'

Mud Wt. 9.0 LCM — Vis. 45 WL 10.0cc. Drill Pipe Size 4½" X.H. Ft. Run 4078'

Blow Description IF: Weak blow. 1 - 2½". ISI: No blow.

FF: Weak blow. ¼ - ½". FSI: No blow.

Recovery — Total Feet 90 GIP trace Ft. in DC 90 Ft. in DP —

Rec.	Feet Of	%gas	%oil	%water	%mud
30	Mud w/ oil specs.				
60	MW w/ oil specs.			70	30

BHT 107 °F Gravity N/A °API D@ — °F Corrected Gravity N/A °API

RW .075 @ 55 °F Chlorides 81,000 ppm Recovery Chlorides 7,000 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud	2206	2037	PSI	Recorder No. (alp)	2342	T-On Location	0100 (1:34)
(B) First Initial Flow Pressure	34	30	PSI	(depth)	4350'	T-Started	0234
(C) First Final Flow Pressure	57	47	PSI	Recorder No.	10248	T-Open	0425 (6:14) (1:48)
(D) Initial Shut-In Pressure	1371	1342	PSI	(depth)	4372'	T-Pulled	0659
(E) Second Initial Flow Pressure	57	54	PSI	Recorder No.	—	T-Out	0848
(F) Second Final Flow Pressure	75	74	PSI	(depth)	—	T-Off Location	1010
(G) Final Shut-in Pressure	1329	1319	PSI	Initial Opening	15	Test	✓ 750.00
(Q) Final Hydrostatic Mud	2173	2039	PSI	Initial Shut-in	45	Jars	✓ 200.00
				Final Flow	30	Safety Joint	✓ 50.00
				Final Shut-in	60	Straddle	
						Circ. Sub	
						Sampler	✓ 200.00
						Extra Packer	
						Elec. Rec.	✓ 150.00
						Mileage 45	✓ 45.00
						Other	
						TOTAL PRICE $	✓ 1395.00

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 Bill H[signature]

Our Representative Cary Pivonka [signature]

TRILOBITE TESTING L.L.C.

OPERATOR : GLB Exploration Inc. DATE 10-12-00
WELL NAME: Clayton "1-16" KB 2324.00 ft TICKET NO: 13087 DST #2
LOCATION : 16-28S-20W Kiowa co KS GR 2319.00 ft FORMATION: Chester
INTERVAL : 4900.00 To 4932.00 ft TD 4932.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

	Mins		Field	1	2	3	4
PF	15	Rec.	10242	10242	3017		
SI	60	Range(Psi)	4175.0	4175.0	5000.0	0.0	0.0
SF	60	Clock(hrs)	12 HR	12 HR	Elect		
FS	120	Depth(ft)	4929.0	4929.0	4902.0	0.0	0.0

TIME DATA----------
PF Fr. 0115 to 0130 hr
IS Fr. 0130 to 0230 hr
SF Fr. 0230 to 0330 hr
FS Fr. 0330 to 0530 hr

	Field	1	2	3	4
A. Init Hydro	2479.0	2464.0	2388.0	0.0	0.0
B. First Flow	74.0	91.0	25.0	0.0	0.0
B1. Final Flow	84.0	99.0	94.0	0.0	0.0
C. In Shut-in	1143.0	1143.0	1138.0	0.0	0.0
D. Init Flow	137.0	164.0	104.0	0.0	0.0
E. Final Flow	149.0	164.0	134.0	0.0	0.0
F. Fl Shut-in	707.0	713.0	705.0	0.0	0.0
G. Final Hydro	2432.0	2446.0	2373.0	0.0	0.0
Inside/Outside	I	I	I		

T STARTED 2340 hr
T ON BOTM 0112 hr
T OPEN 0115 hr
T PULLED 0530 hr
T OUT 0820 hr

RECOVERY
Tot Fluid 295.00 ft of 241.00 ft in DC and 54.00 ft in DP
1115.00 ft of Gas in pipe
30.00 ft of Clean gassy oil
0.00 ft of 10% gas 90% oil
205.00 ft of Mud cut gassy oil
0.00 ft of 28% gas 45% oil 27% mud
60.00 ft of Oil cut watery mud
0.00 ft of 5% oil 45% water 50% mud
0.00 ft of
SALINITY 15200.00 P.P.M. A.P.I. Gravity 37.00

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

Tool Wt.	1800.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	19000.00 lbs
Initial Str Wt	54000.00 lbs
Unseated Str Wt	56000.00 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	241.00 ft
D.P. Length	4642.00 ft

BLOW DESCRIPTION
Initial flow:
Weak 1/2" built to strong bottom of bucket in 12 minutes.
Initial Shut-In:
1" blow back.
Final Flow:
1" built to strong bottom of bucket in 7 minutes.
Final Shut-In:
1" blow back.
Remarks: Est. 6 Ft. of Pay.

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

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	52.00 S/L
W.L.	10.00 in3
F.C.	0.00 in
Mud Drop Y	5.0 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.	Bill Hamilton
Contr.	Mallard
Rig #	2
Unit #	
Pump T.	

SAMPLES: None
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Clayton "1-16"

LOCATION : 16-28S-20W Kiowa co KS

TICKET No. 13087 D.S.T. No. 2 DATE 10-12-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 32

TOTAL TOOL 62

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 4 Single Total 241

D.P. ABOVE TOOLS.Stands 74 Single 1 Total 4642

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4945

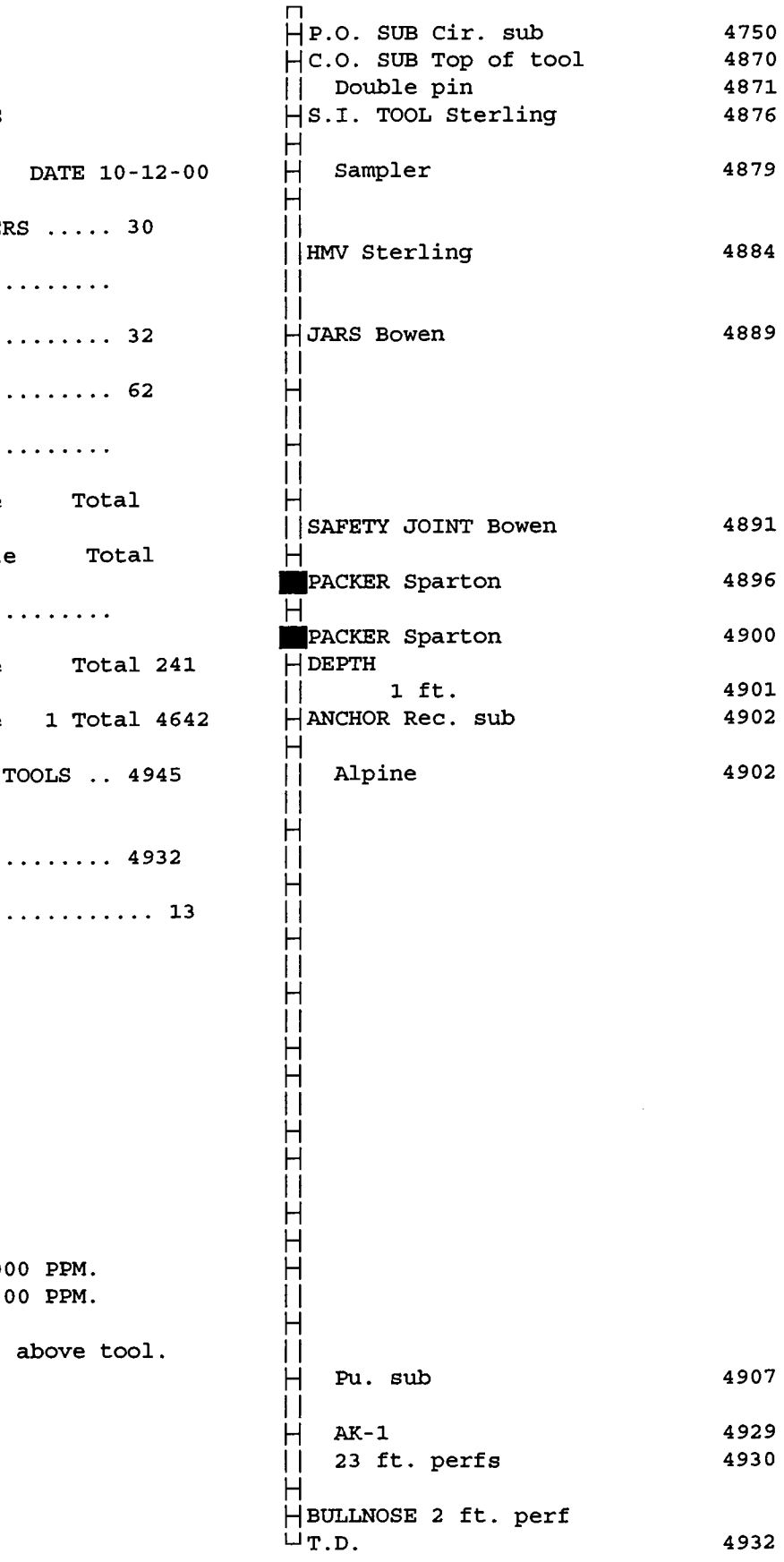
TOTAL DEPTH 4932

TOTAL DRILL PIPE ABOVE K.B. 13

REMARKS:

FLUID SAMPLER DATA

Total Vol. 4000 ML.
Total Vol. Rec. 2400 ML.
Oil 2400 ML.
Mud 0 ML.
Wtr. 0 ML.
Gas 3.6 CF.
Psi. 320
Bht. 118 F.
Pit RW. 0.75 Ohms at 64 F. 9,000 PPM.
Rec RW. 0.53 Ohms at 58 F. 15,200 PPM.
Gravity 37 at 60 F.
Rec RW. taken from bottom 60 ft. above tool.

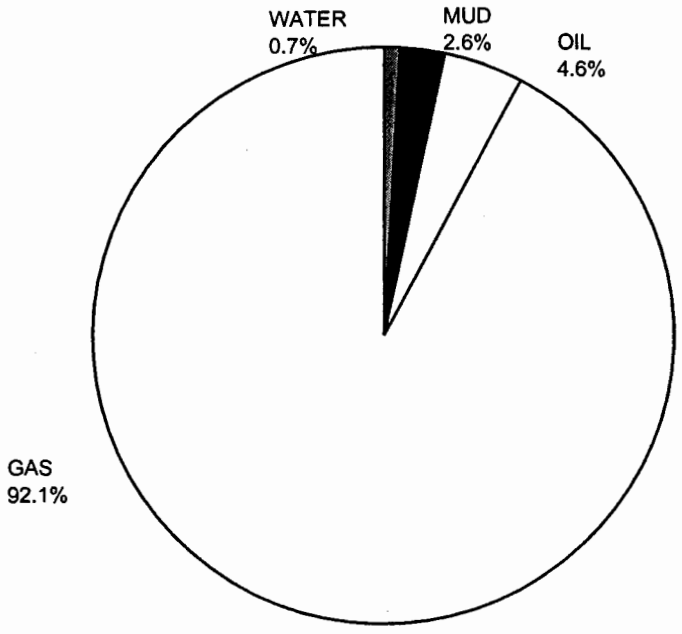


CALCULATED RECOVERY ANALYSIS

DST 2 TICKET 13087

SAMPLE #		TOTAL FEET	GAS %	GAS FEET	OIL %	OIL FEET	WATER %	WATER FEET	MUD %	MUD FEET
DRILL	1	1115	100	1115	0	0	0	0	0	0
PIPE	2	30	10	3	90	27	0	0	0	0
	3	14	28	3.92	45	0	0	0	27	3.78
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0
WEIGHT	1	0	0	0	0	0	0	0	0	0
PIPE	2	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
DRILL	1	191	28	53.48	45	85.95	0	0	27	51.57
COLLARS	2	60	0	0	5	0	45	27	50	30
	3	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
TOTAL		1410	0	1175.4	0	112.95	0	27	0	85.35

			HRS OPEN		BBL/DAY
BBL OIL=	0.8042355	*	1.25	=	15.441322
BBL WATER=	0.13203	*		=	2.534976
BBL MUD=	0.4526289				
BBL GAS =	16.21522				

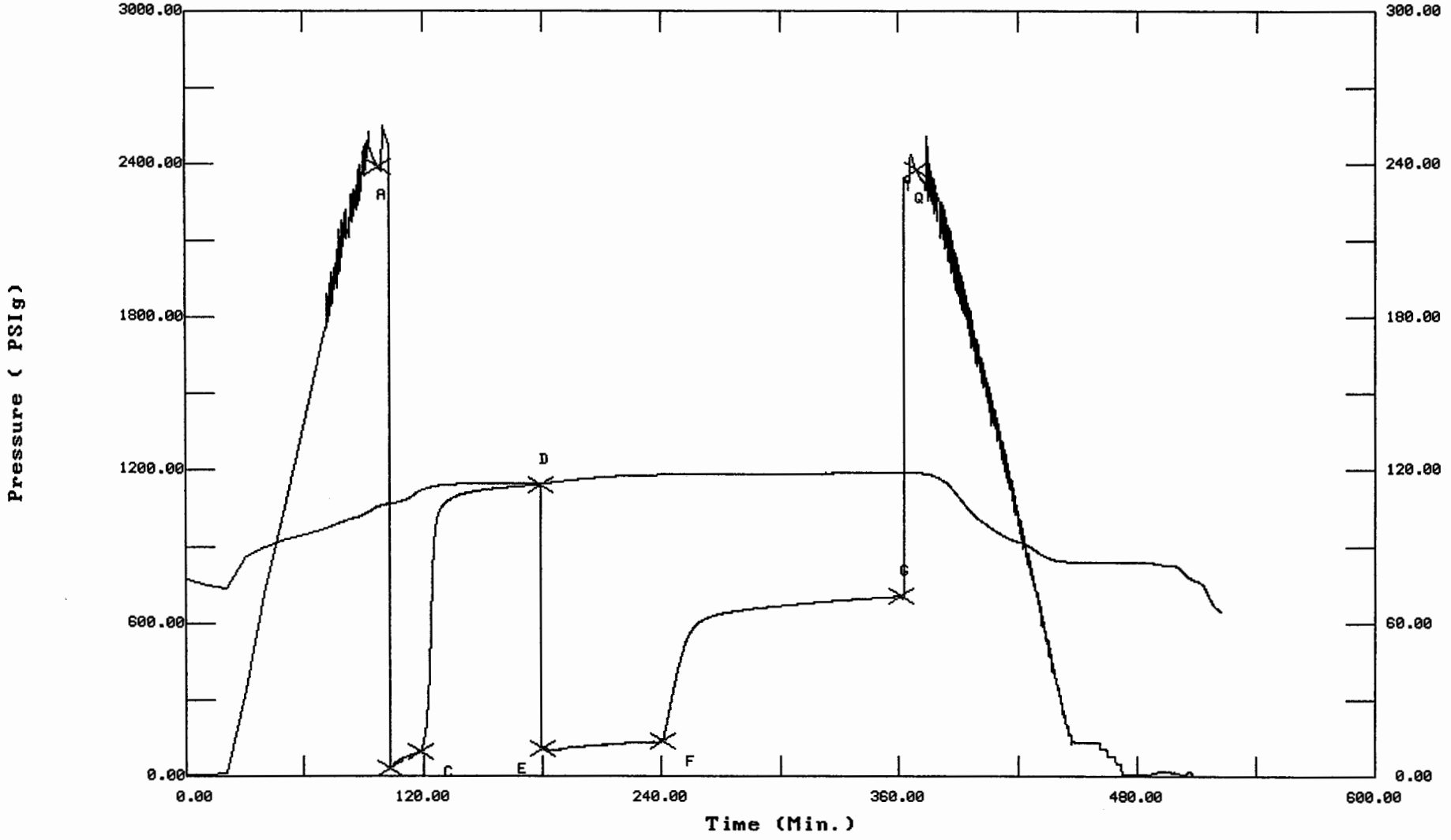


TEST HISTORY

13087 DST#2 Clayton"1-16" GLB EXPLORATION INC.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2388.23
B:	0.00	25.84
C:	15.50	94.73
D:	60.50	1138.69
E:	0.00	104.45
F:	61.25	134.83
G:	120.25	705.68
Q:	0.00	2373.93



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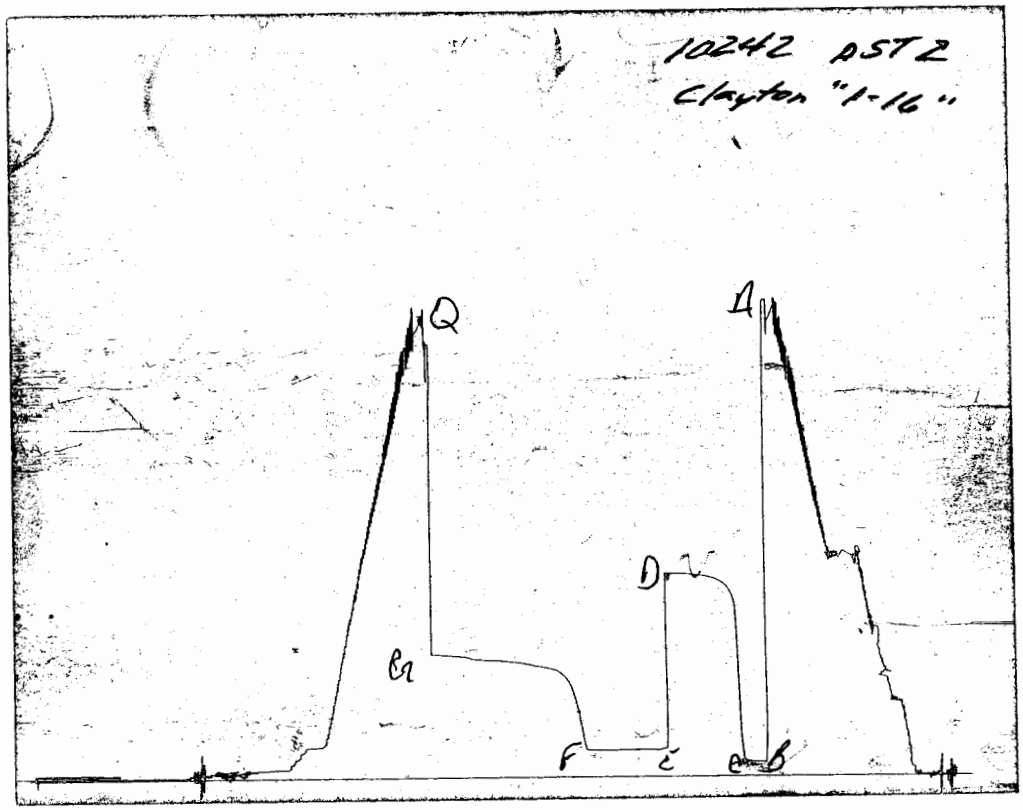

This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 13087 Date 10-12-00

Company Name GLB Exp.

Lease Clayton "1-16" Test No. 2

County Kiowa KS. Sec. 16 Twp. 28S Rng. 20W

SAMPLER RECOVERY

Gas 3.6 C.F.

Oil 2,400 ML

Mud 0 ML

Water 0 ML

Other 0 ML

Pressure 320 PSI

Total Vol. Rec. = 2400 ML

Total Vol. chamber = 4000 ML.

PIT MUD ANALYSIS

Chlorides 9,000 ppm.

Resistivity 0.75 ohms @ 64 F

Viscosity 52

Mud Weight 9.1

Filtrate 10.0

Other

SAMPLER ANALYSIS

F/Bottom 60 ft. ↓

Resistivity 0.53 ohms @ 58 F

Chlorides 15,200 ppm.

Gravity 37 corrected @ 60 F

PIPE RECOVERY

TOP

Resistivity ohms @ F

Chlorides ppm.

MIDDLE

Resistivity ohms @ F

Chlorides ppm.

BOTTOM

Resistivity 0.53 ohms @ 58 F

Chlorides 15,200 ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

№ 13087

Test Ticket

Well Name & No. Clayton "1-16" Test No. 2 Date 10-12-00

Company GLB Exp. Inc. Zone Tested Chester

Address Ok. City Ok. 73102 Elevation 2324 KB 2319 GL

Co. Rep / Geo. Bill Hamilton Cont. Mallard Rig 2 Est. Ft. of Pay 6 Por. 6 %

Location: Sec. 16 Twp. 28s Rge. 20w Co. Kiowa State Ks.

No. of Copies 5 Distribution Sheet (Y, N) N. Turnkey (Y, N) ______ Evaluation (Y, N) ______

Interval Tested 4900-4932 Initial Str Wt./Lbs. 54,000 Unseated Str Wt./Lbs. 56,000

Anchor Length 32' Tail=30' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 19,000

Top Packer Depth 4895 Tool Weight 1800

Bottom Packer Depth 4900 Hole Size — 7 7/8" ______ Rubber Size — 6 3/4" ______

Total Depth 4932 Wt. Pipe Run — Drill Collar Run 241

Mud Wt. 9.1 LCM 0 Vis. 52 WL 10.0 Drill Pipe Size 4½ XH Ft. Run 4642 13' up

Blow Description Weak ½" built to strong OBB in 12 min. I.F.P.

1" blow-back. I.S.I.P.

1" built to strong OBB in 7 min. F.F.P.

1" blow-back. F.S.I.P.

Recovery — Total Feet 295 GIP 4115 Ft. in DC 241 Ft. in DP 54

Rec.	Feet Of	%gas	%oil	%water	%mud
30	Cln. Gassy Oil	10	90		
205	Mud cut Gassy Oil	28	45		27
60	Oil cut Wtry Mud	[illegible]	5	45	50

BHT 118 °F Gravity 37 °API D@ 60 °F Corrected Gravity 37 °API

RW 0.53 @ 58 °F Chlorides 15,200 ppm Recovery Chlorides 9000 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud	2479	2388	PSI	Recorder No.	3017 "23:31"	T-On Location	10:30 Am.
(B) First Initial Flow Pressure	74	25	PSI	(depth)	4902	T-Started	11:40 Am.
(C) First Final Flow Pressure	84	94	PSI	Recorder No.	10242	T-Open	1:15 Am.
(D) Initial Shut-In Pressure	1143	1128	PSI	(depth)	4929	T-Pulled	5:30 A.m.
(E) Second Initial Flow Pressure	137	104	PSI	Recorder No.	—	T-Out	8:20 A.m.
(F) Second Final Flow Pressure	149	134	PSI	(depth)	—	T-Off Location	
(G) Final Shut-in Pressure	707	705	PSI	Initial Opening	15	Test	750
(Q) Final Hydrostatic Mud	2432	2373	PSI	Initial Shut-in	60	Jars	200
				Final Flow	60	Safety Joint	50
				Final Shut-in	120	Straddle	
						Circ. Sub	
						Sampler	200
						Extra Packer	
						Elec. Rec.	150
						Mileage	45 45
						Other	30 / Hr.
						TOTAL PRICE $	1425.00

A1202331.017

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 Bill Hamilton

Our Representative Tommy L. Sallaga