

TRILOBITE TESTING L.L.C.

OPERATOR : Helmrich & Payne Inc.
WELL NAME: K-C Feedlot #2
LOCATION : 15-27S-34W Haksell co KS
INTERVAL : 4915.00 To 5030.00 ft

DATE 10-15-99
KB 2962.00 ft TICKET NO: 12209 DST #1
GR 2952.00 ft FORMATION: Morrow
TD 5030.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10242	10242	Alpine			PF Fr. 1205 to 1235 hr
SI 30 Range(Psi)	4100.0	4100.0	5000.0	0.0	0.0	IS Fr. 1235 to 1305 hr
SF 30 Clock(hrs)	12 HR	12 HR	Elect			SF Fr. 1305 to 1335 hr
FS 60 Depth(ft)	5027.0	5027.0	4917.0	0.0	0.0	FS Fr. 1335 to 1435 hr

	Field	1	2	3	4	
A. Init Hydro	2492.0	2496.0	2364.0	0.0	0.0	T STARTED 0950 hr
B. First Flow	116.0	138.0	22.0	0.0	0.0	T ON BOTM 1202 hr
B1. Final Flow	116.0	130.0	28.0	0.0	0.0	T OPEN 1205 hr
C. In Shut-in	116.0	130.0	45.0	0.0	0.0	T PULLED 1435 hr
D. Init Flow	116.0	130.0	29.0	0.0	0.0	T OUT 1740 hr
E. Final Flow	116.0	128.0	30.0	0.0	0.0	
F. Fl Shut-in	116.0	128.0	47.0	0.0	0.0	
G. Final Hydro	2450.0	2469.0	2315.0	0.0	0.0	
Inside/Outside	O	O	I			

RECOVERY

Tot Fluid 30.00 ft of 30.00 ft in DC and 0.00 ft in DP
30.00 ft of Mud 100%M
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 2550.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak 1/4" blow. Died in 16 min.
Final Flow:
No blow.

Remarks: Est. 12 ft. of pay.

SAMPLES: None
SENT TO:

Test Successful: Y

TOOL DATA-----
Tool Wt. 3300.00 lbs
Wt Set On Packer 24000.00 lbs
Wt Pulled Loose 6000.00 lbs
Initial Str Wt 94000.00 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 593.00 ft
D.P. Length 4299.00 ft

MUD DATA-----
Mud Type Chemical
Weight 9.10 lb/cf
Vis. 51.00 S/L
W.L. 7.20 in3
F.C. 0.00 in
Mud Drop Y 10.0 ft

Amt. of fill 0.00 ft
Btm. H. Temp. 122.00 F
Hole Condition Good
% Porosity 14.00
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. Brad Rine
Contr. Cheyenne
Rig # 2
Unit #
Pump T.

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: K-C Feedlot #2

LOCATION : 15-27S-34W Haksell co KS

WELL No. 12209 D.S.T. No. 1 DATE 10-15-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

TOTAL PACKERS AND ANCHOR 22

TOTAL TOOL 52

WELL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STAND.Stands Single Total

P. ANCHOR STAND.Stands 1 Single 1 Total 93

TOTAL ASSEMBLY 145

C. ABOVE TOOLS.Stands 10 Single Total 593

P. ABOVE TOOLS.Stands 69 Single 1 Total 4299

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5037

TOTAL DEPTH 5030

TOTAL DRILL PIPE ABOVE K.B. 7

REMARKS:

FLUID SAMPLER DATA

Total Vol. 5000 ML.

Total Vol. Rec. 5000 ML.

Dil 0 ML.

Mud 5000 ML.

Wtr. 0 ML.

Gas 0 CF.

Psi. 55

Bht. 122 F.

Pit RW. 2.6 Ohms at 66 F. 2,400 PPM.

Rec RW. 2.4 Ohms at 68 F. 2,550 PPM.

Gravity -- at -- F.

P.O. SUB Cir. sub	4825
C.O. SUB Top of tool	4885
Double pin	4886
S.I. TOOL H&T	4891
Sampler	4894
HMV Sterling	4899
JARS Bowen	4904
SAFETY JOINT Bowen	4906
PACKER Sparton	4911
PACKER Sparton	4915
DEPTH	
STUBB 1 ft.	4916
ANCHOR Rec. sub	4917
Alpine	4917
Pu. sub	4922
13 ft. perfs	4935
T.C.	
DEPTH	
AK-1	5027
1 std 1 jt DP	5028
BULLNOSE 2 ft. perf	
T.D.	5030

TEST HISTORY

12209 D.S.T.#1 K-C Feedlot #2 Helmrich & Payne

Flag Points
t(Min.) P(PSIg)

A: 0.00 2364.00
B: 0.00 22.21
C: 30.00 28.08
D: 30.67 45.69
E: 0.00 29.80
F: 30.00 30.85
G: 60.00 47.15
Q: 0.00 2315.23

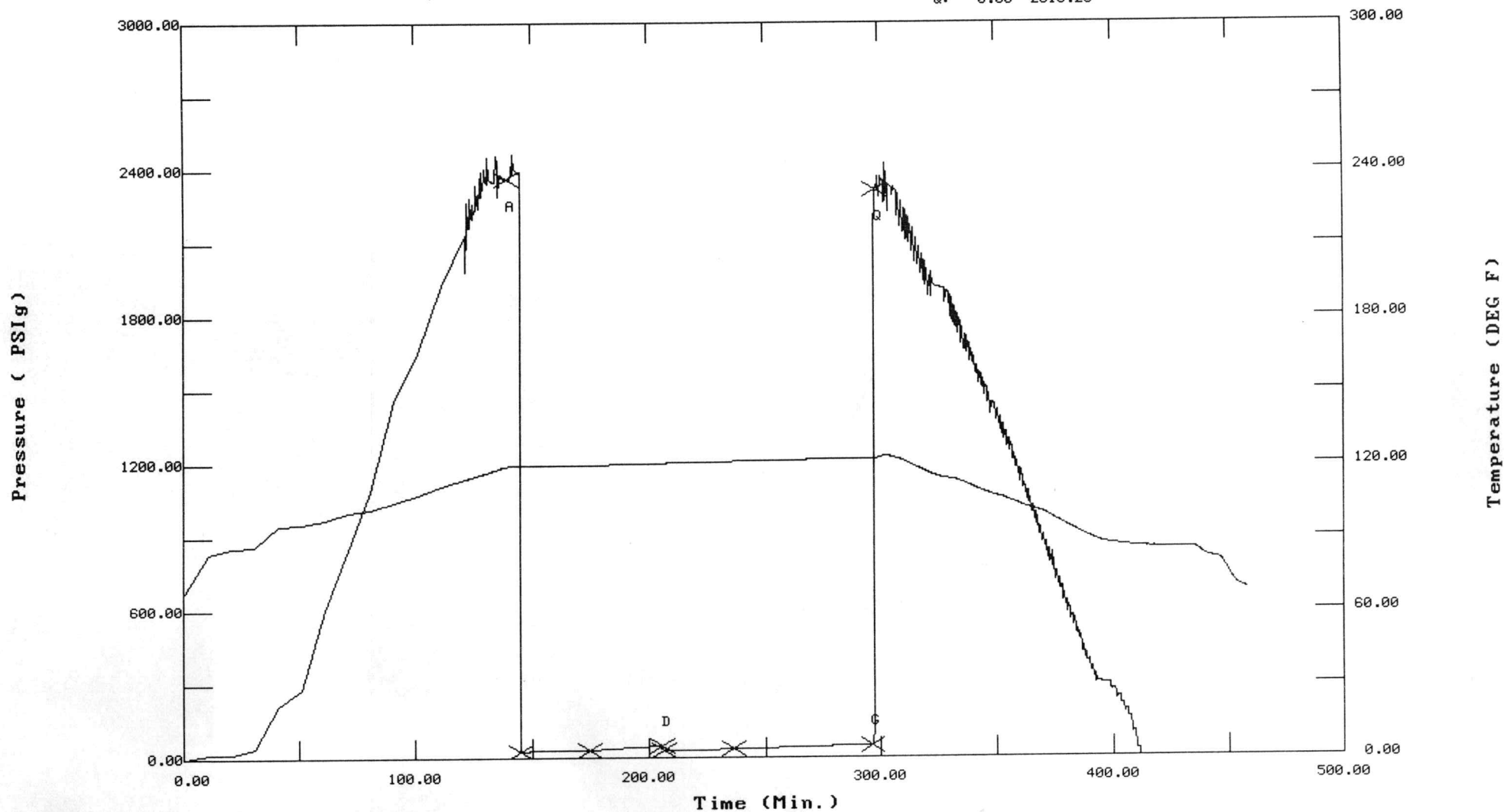
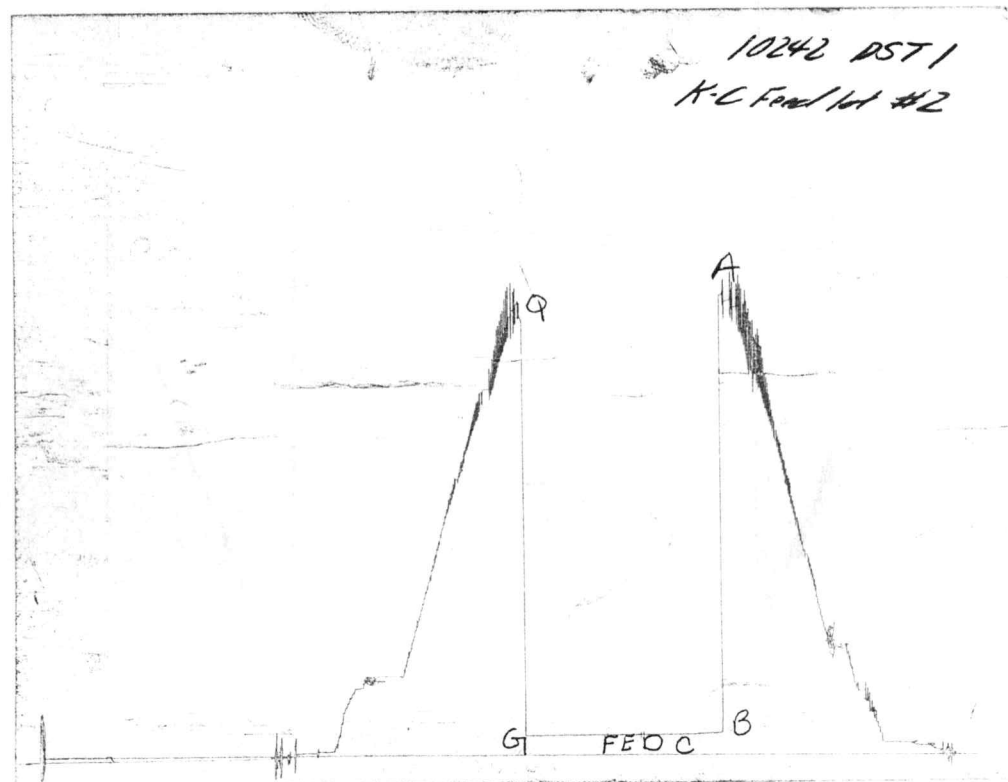


CHART PAGE



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