

WELL NAME: Victoria North Exit C-1
COMPANY: ESP Development
LOCATION: 3-13S-16W
Ellis County Kansas
DATE: 09/04/97

TRILOBITE TESTING L.L.C.

OPERATOR : ESP Development
 WELL NAME: Victoria North Exit C-1
 LOCATION : 3-13S-16W Ellis KS
 INTERVAL : 3225.00 To 3270.00 ft

DATE 9/2/97
 KB 1999.00 ft TICKET NO: 10530 DST #1
 GR 1994.00 ft FORMATION: Lansing KC "C,D"
 TD 3270.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	24174	24174	11084			PF Fr. 0831 to 0901 hr
SI 30	Range(Psi)	3050.0	3050.0	4300.0	0.0	0.0	IS Fr. 0901 to 0931 hr
SF 30	Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 0931 to 1001 hr
FS 30	Depth(ft)	3265.0	3265.0	3231.0	0.0	0.0	FS Fr. 1001 to 1031 hr

	Field	1	2	3	4	
A. Init Hydro	1670.0	1644.0	0.0	0.0	0.0	T STARTED 0718 hr
B. First Flow	77.0	68.0	0.0	0.0	0.0	T ON BOTM 0820 hr
B1. Final Flow	77.0	47.0	0.0	0.0	0.0	T OPEN 0831 hr
C. In Shut-in	88.0	58.0	0.0	0.0	0.0	T PULLED 1031 hr
D. Init Flow	77.0	48.0	0.0	0.0	0.0	T OUT 1147 hr
E. Final Flow	77.0	44.0	0.0	0.0	0.0	
F. Fl Shut-in	88.0	46.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1659.0	1625.0	0.0	0.0	0.0	Tool Wt. 1900.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 10.00 ft of 0.00 ft in DC and 10.00 ft in DP
 10.00 ft of Mud with Oil Specks
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

Unseated Str Wt 48000.00 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 0.00 ft
 D.P. Length 2308.00 ft
 H.W. I.D 2.70 in
 H.W. Length 913.00 ft

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type Chemical
 Weight 9.30 lb/cf
 Vis. 43.00 S/L
 W.L. 10.40 in3
 F.C. 0.00 in
 Mud Drop

BLOW DESCRIPTION

Initial Flow:
 Weak 1/2" blow building to 3/4"

Amt. of fill 0.00 ft
 Btm. H. Temp. 102.00 F
 Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00

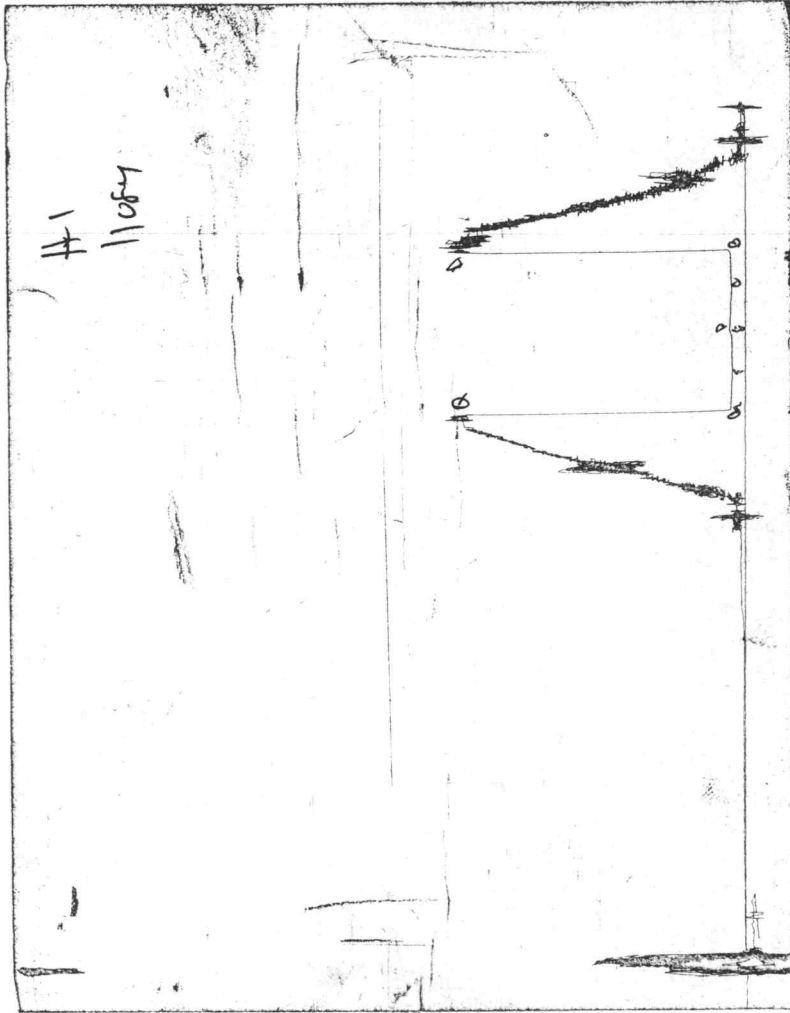
Final Flow:
 1/2" blow building to 3/4"

SAMPLES:
 SENT TO:

Tester Paul Simpson
 Co. Rep. Ron Nelson
 Contr. Shields
 Rig #
 Unit #
 Pump T.

Test Successful: Y

CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : ESP Development DATE 9/3/97
 WELL NAME: Victoria North Exit C-1 KB 1999.00 ft TICKET NO: 10531 DST #2
 LOCATION : 3-13S-16W Ellis KS GR 1994.00 ft FORMATION: Arbuckle
 INTERVAL : 3467.00 To 3490.00 ft TD 3490.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	24174	2341				PF Fr. 1321 to 1406 hr
SI 45 Range(Psi)	3050.0	4995.0	0.0	0.0	0.0	IS Fr. 1406 to 1451 hr
SF 45 Clock(hrs)	12 hr	12 hr				SF Fr. 1451 to 1536 hr
FS 45 Depth(ft)	3485.0	3468.0	0.0	0.0	0.0	FS Fr. 1536 to 1621 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	1606.0	0.0	0.0	0.0	T STARTED 1221 hr
B. First Flow	0.0	23.0	0.0	0.0	0.0	T ON BOTM 1315 hr
B1. Final Flow	0.0	134.0	0.0	0.0	0.0	T OPEN 1321 hr
C. In Shut-in	0.0	1047.0	0.0	0.0	0.0	T PULLED 1621 hr
D. Init Flow	0.0	168.0	0.0	0.0	0.0	T OUT 1748 hr
E. Final Flow	0.0	235.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	1017.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	0.0	1663.0	0.0	0.0	0.0	Tool Wt. 1900.00 lbs
Inside/Outside	O	I				Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 56000.00 lbs
						Initial Str Wt 48000.00 lbs
						Unseated Str Wt 50000.00 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 0.00 ft
						D.P. Length 2457.00 ft
						H.W. I.D 2.70 in
						H.W. Length 913.00 ft

RECOVERY

Tot Fluid 480.00 ft of 0.00 ft in DC and 480.00 ft in DP
 180.00 ft of Watery Mud
 0.00 ft of 40%water 60%mud
 300.00 ft of Slightly Muddy Water
 0.00 ft of 20%mud 80%water
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of RW .71 @ 76F
 SALINITY 30000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----
 Mud Type Chemical
 Weight 9.30 lb/cf
 Vis. 47.00 S/L
 W.L. 8.80 in3
 F.C. 0.00 in
 Mud Drop

BLOW DESCRIPTION

Initial Flow:
 Surface blow building to bottom of
 bucket in 23 mins

Final Flow:
 Surface blow building to bottom of
 bucket in 32 mins

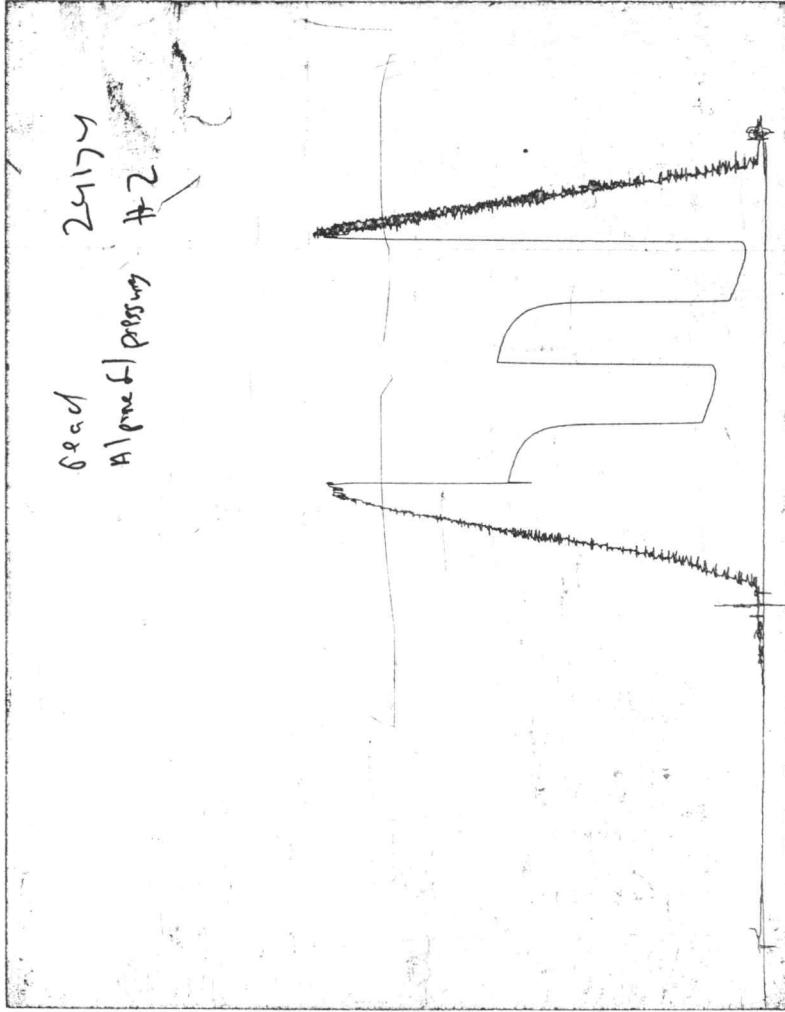
Amt. of fill 0.00 ft
 Btm. H. Temp. 107.00 F
 Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased
 Tester Paul Simpson
 Co. Rep. Ron Nelson
 Contr. Shields
 Rig # 1
 Unit #
 Pump T.

SAMPLES:

SENT TO:

Test Successful: Y

CHART PAGE



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