

Well Name: Steinle Yarnell #3 Twin
Company: Leroy Tobias
Location: 6-10s-12w
Osborne County Kansas
Date: 10/22/98

TRILOBITE TESTING L.L.C.

OPERATOR : Leroy Tobias
WELL NAME: Steinle Yarnell #3 Twin
LOCATION : 6-10s-12w Osborne co. KS
INTERVAL : 3019.00 To 3056.00 ft

DATE 10-20-98
KB 1286.00 ft
GR 1781.00 ft
TD 3056.00 ft

TICKET NO: 11313
FORMATION: LKC "A"
TEST TYPE: CONV

DST #1

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11084	11084	24174			PF Fr. 1324 to 1354 hr
SI 30 Range(Psi)	4300.0	4300.0	3925.0	0.0	0.0	IS Fr. 1354 to 1424 hr
SF 30 Clock(hrs)	12	12	12			SF Fr. 1424 to 1454 hr
FS 30 Depth(ft)	3024.0	3024.0	3051.0	0.0	0.0	FS Fr. 1454 to 1524 hr

	Field	1	2	3	4	
A. Init Hydro	1476.0	1450.0	0.0	0.0	0.0	T STARTED 1218 hr
B. First Flow	22.0	35.0	0.0	0.0	0.0	T ON BOTM 1320 hr
B1. Final Flow	22.0	35.0	0.0	0.0	0.0	T OPEN 1324 hr
C. In Shut-in	33.0	54.0	0.0	0.0	0.0	T PULLED 1524 hr
D. Init Flow	22.0	35.0	0.0	0.0	0.0	T OUT 1623 hr
E. Final Flow	22.0	35.0	0.0	0.0	0.0	
F. Fl Shut-in	22.0	32.0	0.0	0.0	0.0	
G. Final Hydro	1454.0	1429.0	0.0	0.0	0.0	TOOL DATA-----
Inside/Outside	0	0	I			Tool Wt. 1900.00 lbs
						Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 58000.00 lbs
						Initial Str Wt 36000.00 lbs
						Unseated Str Wt 36000.00 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 3028.00 ft

RECOVERY

Tot Fluid	1.00 ft of	0.00 ft in DC and	1.00 ft in DP
1.00	ft of Slight oil specked 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		
0.00	ft of		
0.00	ft of		
0.00	ft of		
SALINITY	0.00 P.P.M.	A.P.I. Gravity	0.00

BLOW DESCRIPTION

Initial Flow:
Tool slid 5' before opening
surface blow died in 5 mins.
Final Flow:
No blow

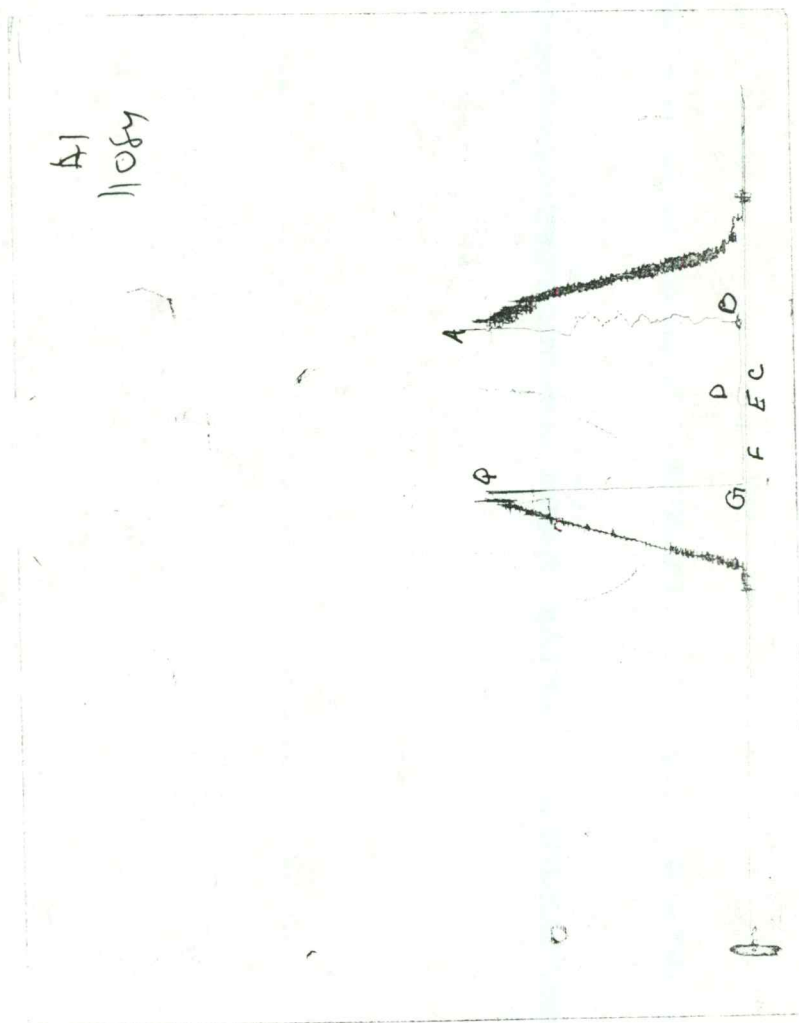
SAMPLES:
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	48.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	94.00 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.	Dave Shumaker
Contr.	Vonfeldt
Rig #	1
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 : Leroy Tobias
WELL NAME: Steinle Yarnell #3 Twin
LOCATION : 6-10s-12w Osborne co. KS
INTERVAL : 3053.00 To 3085.00 ft

DATE 10-21-98
KB 1786.00 ft TICKET NO: 11314 DST #2
GR 1781.00 ft FORMATION: LKC "B"
TD 3085.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11084	11084	24174			PF Fr. 0007 to 0037 hr
SI 60 Range(Psi)	4300.0	4300.0	3925.0	0.0	0.0	IS Fr. 0037 to 0137 hr
SF 30 Clock(hrs)	12	12	12			SF Fr. 0137 to 0207 hr
FS 60 Depth(ft)	3058.0	3058.0	3080.0	0.0	0.0	FS Fr. 0207 to 0307 hr

	Field	1	2	3	4	
A. Init Hydro	1562.0	1553.0	0.0	0.0	0.0	T STARTED 2307 hr
B. First Flow	22.0	26.0	0.0	0.0	0.0	T ON BOTM 0002 hr
B1. Final Flow	22.0	26.0	0.0	0.0	0.0	T OPEN 0007 hr
C. In Shut-in	1153.0	1147.0	0.0	0.0	0.0	T PULLED 0307 hr
D. Init Flow	33.0	36.0	0.0	0.0	0.0	T OUT 0411 hr
E. Final Flow	33.0	36.0	0.0	0.0	0.0	
F. Fl Shut-in	1121.0	1125.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1509.0	1504.0	0.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 55000.00 lbs
						Initial Str Wt 37000.00 lbs
						Unseated Str Wt 37000.00 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 3054.00 ft

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 specs in tool
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

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

BLOW DESCRIPTION

Initial Flow:
Slid tool 10' when opened Surface
blow building to 1/8"
Final Flow:
Weak surface blow died in 30 secs.

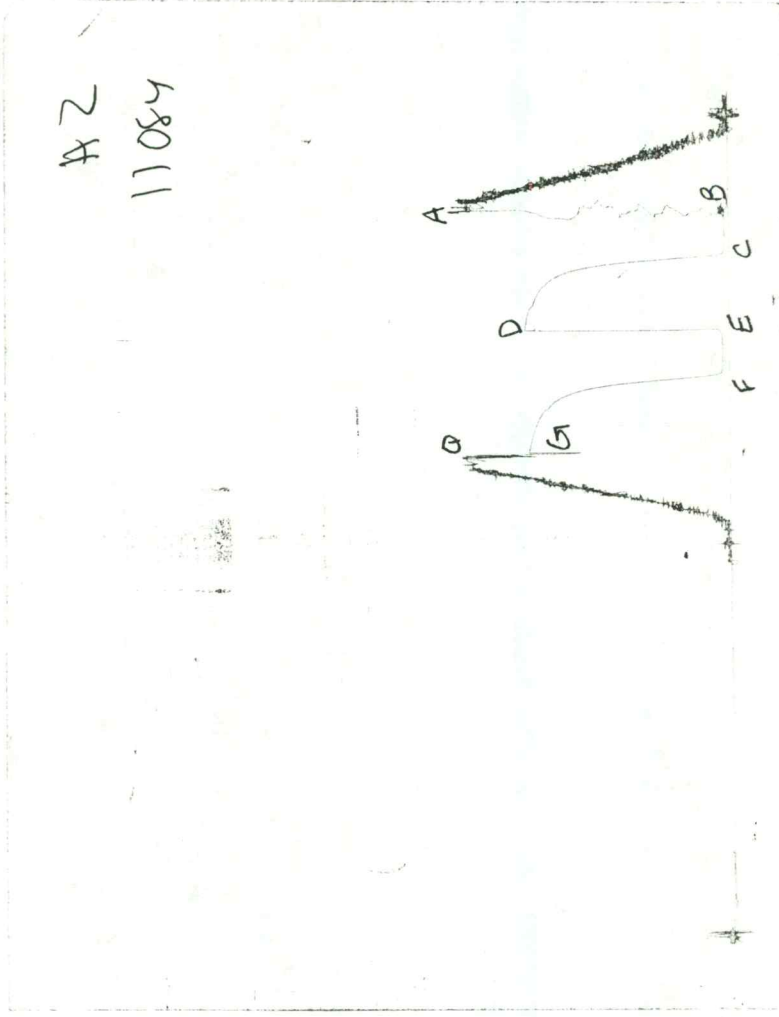
SAMPLES:
SENT TO:

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

Amt. of fill 0.00 ft
Btm. H. Temp. 0.00 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. Dave Schumaker
Contr. Vonfeldt
Rig # 1
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 : Leroy Tobias DATE 10-21-98
WELL NAME: Steinle Yarnell #3 Twin KB 1286.00 ft TICKET NO: 11315 DST #3
LOCATION : 6-10s-12w Osborne co. KS GR 1781.00 ft FORMATION: LKC "C"
INTERVAL : 3082.00 To 3100.00 ft TD 3100.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11084	11084	24174			PF Fr. 1222 to 1252 hr
SI 60 Range(Psi)	4300.0	4300.0	3925.0	0.0	0.0	IS Fr. 1252 to 1352 hr
SF 60 Clock(hrs)	12	12	12			SF Fr. 1352 to 1452 hr
FS 60 Depth(ft)	3087.0	3087.0	3075.0	0.0	0.0	FS Fr. 1452 to 1552 hr

	Field	1	2	3	4	
A. Init Hydro	1519.0	1505.0	0.0	0.0	0.0	T STARTED 1113 hr
B. First Flow	33.0	36.0	0.0	0.0	0.0	T ON BOTM 1215 hr
B1. Final Flow	33.0	36.0	0.0	0.0	0.0	T OPEN 1222 hr
C. In Shut-in	1121.0	1118.0	0.0	0.0	0.0	T PULLED 1552 hr
D. Init Flow	33.0	46.0	0.0	0.0	0.0	T OUT 1653 hr
E. Final Flow	44.0	46.0	0.0	0.0	0.0	
F. Fl Shut-in	1056.0	1067.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1498.0	1467.0	0.0	0.0	0.0	Tool Wt. 1600.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 50000.00 lbs
						Initial Str Wt 37000.00 lbs
						Unseated Str Wt 37000.00 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 3085.00 ft

RECOVERY

Tot Fluid 60.00 ft of 0.00 ft in DC and 60.00 ft in DP
60.00 ft of Oil specked muddy water
0.00 ft of 11% oil 85% water 15% 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 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
1/2" blow building to 2 1/2"
Final Flow:
Surface blow building to 1 1/2"

MUD DATA-----

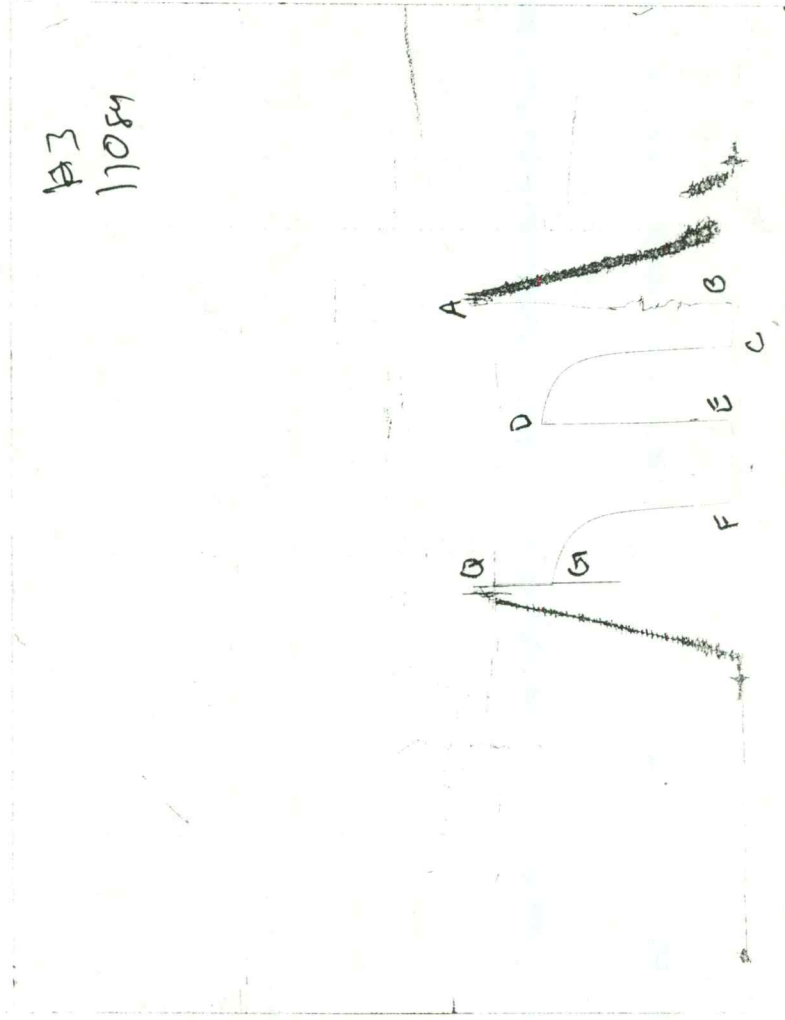
Mud Type	Chemical
Weight	9.20 lb/c
Vis.	41.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	95.00 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.	Dave Schumaker
Contr.	Vonfeldt
Rig #	1
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

CHART PAGE



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