

WELL NAME: Griffith Family # 1
COMPANY: Ritchie Exploration Inc
LOCATION: 25-29S-26W
Ford County Kansas
DATE: 10/30/97

TRILOBITE TESTING L.L.C.

OPERATOR : Ritchie Exploration Inc
WELL NAME: # 1 Griffith Family
LOCATION : 25-29S-26W Ford Co KS
INTERVAL : 3043.00 To 3630.00 ft

DATE 10/22/97
KB 2541.00 ft TICKET NO: 10082 DST #1
GR 2542.00 ft FORMATION: Lungden Sand
TD 3630.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10332	10332	13849			PF Fr. 0339 to 0409 hr
SI 45 Range(Psi)	4025.0	4025.0	4375.0	0.0	0.0	IS Fr. 0409 to 0454 hr
SF 30 Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 0454 to 0514 hr
FS 45 Depth(ft)	3556.0	3556.0	3627.0	0.0	0.0	FS Fr. 0514 to 0559 hr

	Field	1	2	3	4	
A. Init Hydro	1702.0	1728.0	1741.0	0.0	0.0	T STARTED 0110 hr
B. First Flow	30.0	43.0	149.0	0.0	0.0	T ON BOTM 0320 hr
B1. Final Flow	41.0	45.0	89.0	0.0	0.0	T OPEN 0339 hr
C. In Shut-in	1014.0	1031.0	1048.0	0.0	0.0	T PULLED 0559 hr
D. Init Flow	51.0	71.0	164.0	0.0	0.0	T OUT 0800 hr
E. Final Flow	61.0	70.0	114.0	0.0	0.0	
F. Fl Shut-in	1014.0	1019.0	1037.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1661.0	1678.0	1715.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 45000.00 lbs
						Initial Str Wt 38000.00 lbs
						Unseated Str Wt 39000.00 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 236.00 ft
						D.P. Length 3383.00 ft

RECOVERY

Tot Fluid 90.00 ft of 90.00 ft in DC and 0.00 ft in DP
90.00 ft of Very Slight Gassy Mud
0.00 ft of 2%gas 98%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:
Weak blow, built to 2" in water

Initial Shut In:

Bled down, built to no blow back

Final Flow:

Weak blow, built to 1.5" in water

Final Shut In:

Bled down for 5 mins, no blow back

SAMPLES:

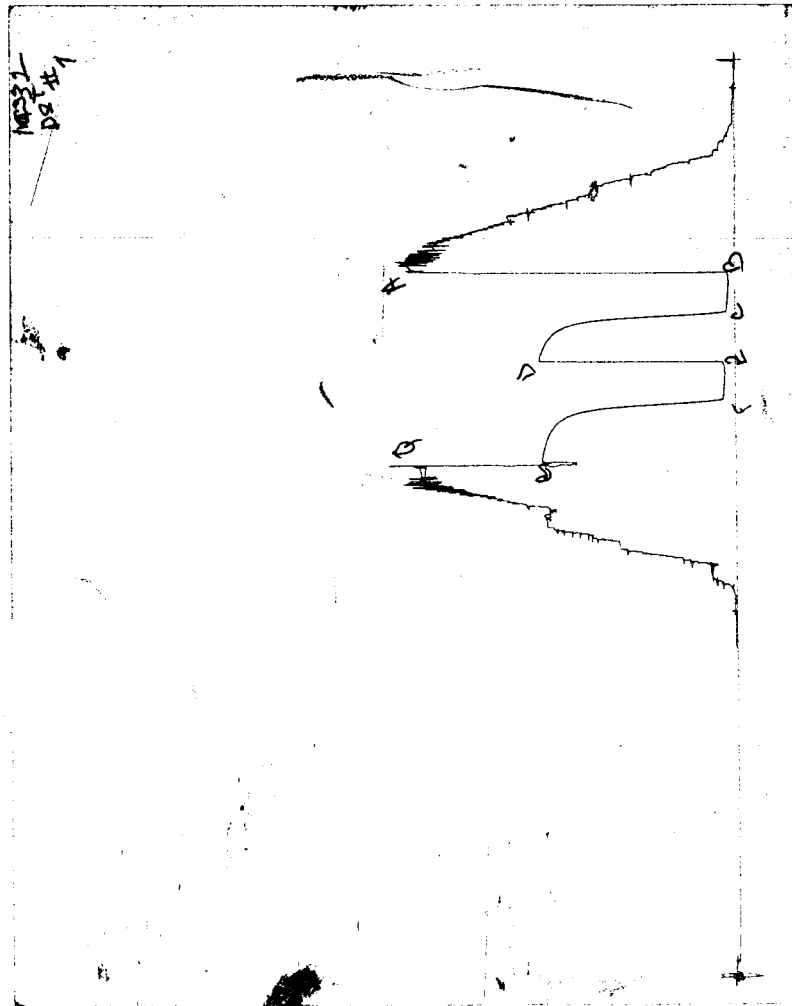
SENT TO:

MUD DATA-----
Mud Type Checmial
Weight 8.70 lb/cf
Vis. 44.00 S/L
W.L. 10.80 in3
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 97.00 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 Darren Amerine
Co. Rep. Jeff Christian
Contr. Pickrell
Rig # 1
Unit #
Pump T.

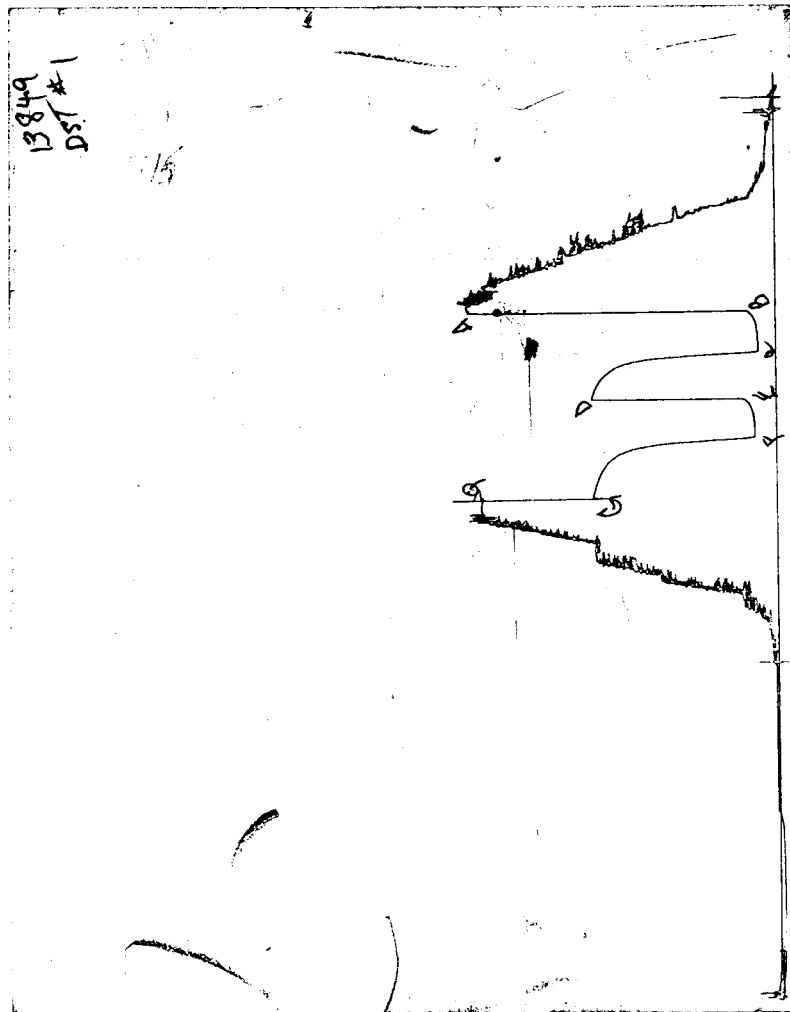
Test Successful: Y

CHART PAGE



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

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TRILOBITE TESTING L.L.C.

OPERATOR : Ritchie Exploration Inc
WELL NAME: Griffith Family #1
LOCATION : 25-29S-36W Ford Co KS
INTERVAL : 4994.00 To 5105.00 ft

DATE 10/27/97
KB 2546.00 ft TICKET NO: 9804 DST #2
GR 2536.00 ft FORMATION: Pawnee / Ft Scott
TD 5105.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	10993	10993	13278	13278		PF Fr. 1256 to 1341 hr
SI 60 Range(Psi)	4250.0	4250.0	4400.0	4400.0	0.0	IS Fr. 1341 to 1441 hr
SF 45 Clock(hrs)	12 hr	12 hr	12 hr	12 hr		SF Fr. 1441 to 1526 hr
FS 60 Depth(ft)	5105.0	5105.0	4998.0	4998.0	0.0	FS Fr. 1526 to 1626 hr

	Field	1	2	3	4	
A. Init Hydro	2580.0	2633.0	2504.0	2526.0	0.0	T STARTED 1100 hr
B. First Flow	141.0	125.0	165.0	145.0	0.0	T ON BOTM 1240 hr
B1. Final Flow	184.0	197.0	198.0	164.0	0.0	T OPEN 1256 hr
C. In Shut-in	1618.0	1606.0	1513.0	1478.0	0.0	T PULLED 1626 hr
D. Init Flow	260.0	259.0	253.0	240.0	0.0	T OUT 1820 hr
E. Final Flow	271.0	260.0	264.0	233.0	0.0	
F. Fl Shut-in	1575.0	1577.0	1480.0	1459.0	0.0	TOOL DATA-----
G. Final Hydro	2495.0	2537.0	2405.0	2384.0	0.0	Tool Wt. 1000.00 lbs
Inside/Outside	O	O	I	I		Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 62000.00 lbs
						Unseated Str Wt 65000.00 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 236.00 ft
						D.P. Length 4738.00 ft

RECOVERY

Tot Fluid 425.00 ft of 236.00 ft in DC and 189.00 ft in DP
5.00 ft of Watery Mud 10%water 90%mud
120.00 ft of Watery Mud 20%water 80%mud
120.00 ft of Muddy Water 40%mud 60%water
120.00 ft of Muddy Water 15%mud 85%water
60.00 ft of Muddy Water 30%mud 70%water
0.00 ft of
0.00 ft of
0.00 ft of RW .349 @ 49.4
SALINITY 28000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Fair blow, built to 9" in bucket

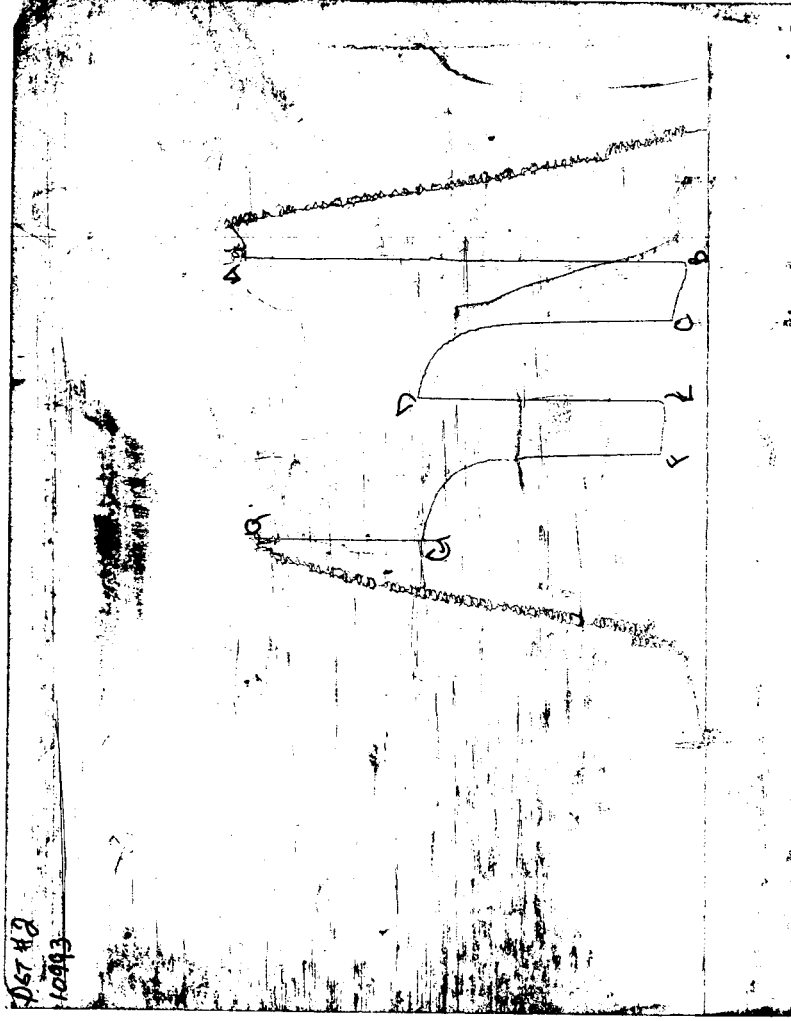
Final Flow:
Weak Blow, built to 3" in bucket

SAMPLES:
SENT TO:

Test Successful: Y

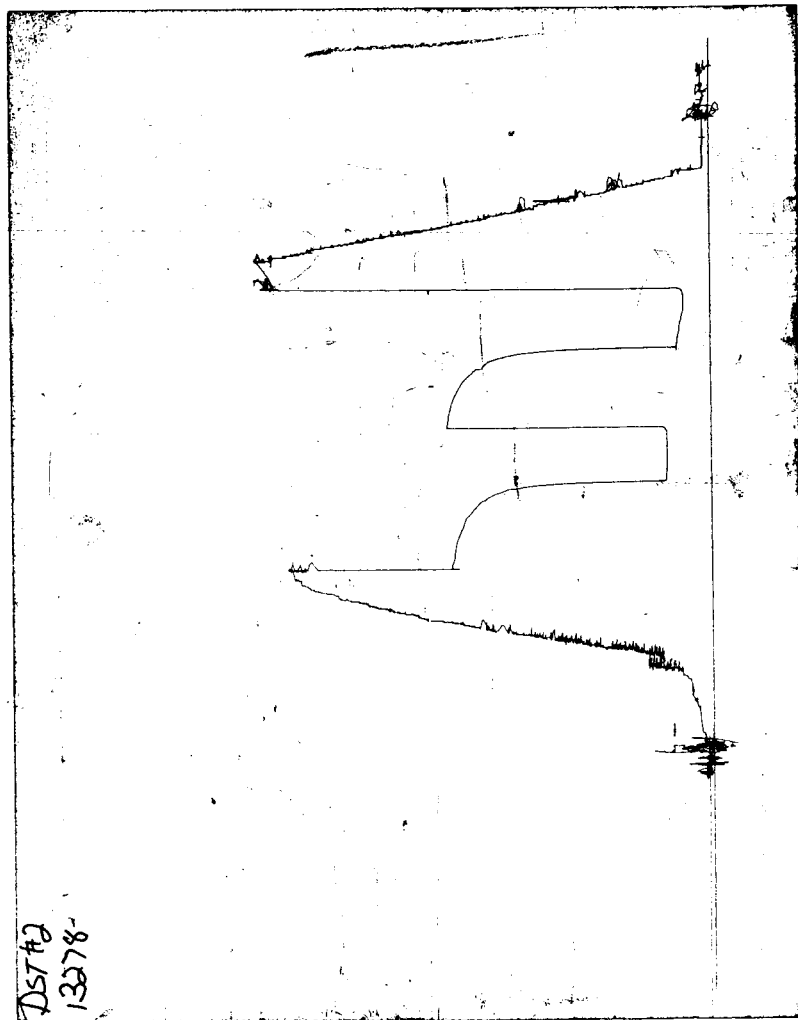
MUD DATA-----
Mud Type Chemical
Weight 8.80 lb/cf
Vis. 40.00 S/L
W.L. 16.00 in3
F.C. 0.00 in
Mud Drop
Amt. of fill 0.00 ft
Btm. H. Temp. 0.00 F
Hole Condition
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out
Tool Chased
Tester Darold Hibler
Co. Rep. Jeff Christian
Contr. Rickrell Drlg
Rig #
Unit #
Pump T.

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