

Well Name: HUBERT #B-1
Company : AFG ENERGY, INC
Location - Sec: 30 **Twp:** 11S **Rge:** 33W
County: LOGAN **State:** KS
Date: 12/12/95

TRILOBITE TESTING L.L.C.

OPERATOR : AFG Energy Inc

DATE 12/7/95

WELL NAME: Hubert #B-1

KB 3170.00 ft

TICKET NO: 8418

DST #1

LOCATION : 30-11S-33W, Logan Cty KS

GR 3164.00 ft

FORMATION: Toronto

INTERVAL : 4069.00 To 4090.00 ft

TD 4090.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11086	11086	6730			PF Fr. 1430 to 1500 hr
SI 45	Range(Psi)	4350.0	4350.0	0.0	0.0	0.0	IS Fr. 1500 to 1545 hr
SF 30	Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 1545 to 1615 hr
FS 45	Depth(ft)	4087.0	4087.0	4074.0	0.0	0.0	FS Fr. 1615 to 1700 hr

	Field	1	2	3	4	
A. Init Hydro	2043.0	2037.0	0.0	0.0	0.0	T STARTED 1315 hr
B. First Flow	98.0	71.0	0.0	0.0	0.0	T ON BOTM 1430 hr
B1. Final Flow	120.0	88.0	0.0	0.0	0.0	T OPEN 1425 hr
C. In Shut-in	1271.0	1245.0	0.0	0.0	0.0	T PULLED 1700 hr
D. Init Flow	142.0	111.0	0.0	0.0	0.0	T OUT 1845 hr
E. Final Flow	164.0	135.0	0.0	0.0	0.0	
F. Fl Shut-in	1260.0	1238.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2011.0	1998.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 42000.00 lbs
						Initial Str Wt 40000.00 lbs
						Unseated Str Wt 40000.00 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 4068.00 ft

RECOVERY

Tot Fluid 200.00 ft of 0.00 ft in DC and 200.00 ft in DP
 200.00 ft of Muddy water - 75% water, 25% mud

RW .757 @ 32.2 F

SALINITY 15000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Built to 11" in bucket in 30 min

Initial Shutin -
 Bled off, no blow back

Final Flow -
 Built to 10" in bucket in 30 min

Final Shutin -
 Bled off, no blow back

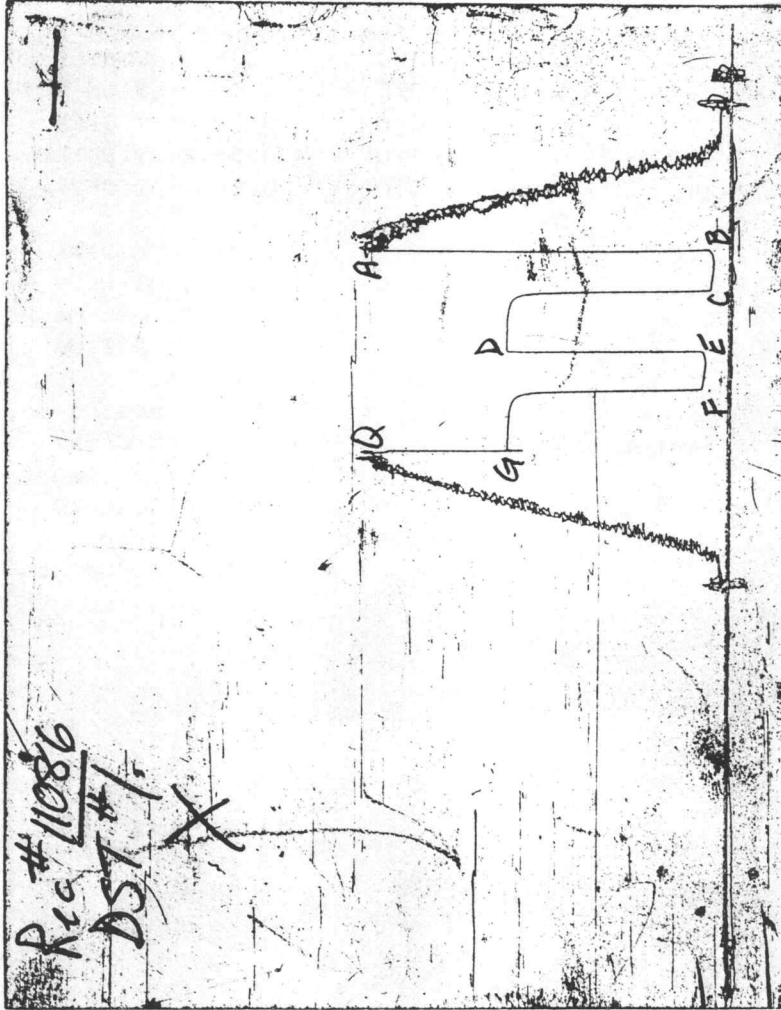
SAMPLES:
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MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/
Vis.	50.00 S/I
W.L.	8.40 in ³
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	109.00 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	Mike McVey
Co. Rep.	Ed Glassman
Contr.	Discovery
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

OPERATOR : AFG Energy Inc
 WELL NAME: Hubert #B-1
 LOCATION : 30-11S-33W, Logan Cty KS
 INTERVAL : 4091.00 To 4105.00 ft

DATE 12/8/95
 KB 3170.00 ft
 GR 3164.00 ft
 TD 4105.00 ft

TICKET NO: 8419
 FORMATION: Lansing/KC "A"
 DST #2
 TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----		
PF	0	Rec.	11086	6730			PF Fr.	to	hr
SI	0	Range(Psi)	4350.0	0.0	0.0	0.0	IS Fr.	to	hr
SF	0	Clock(hrs)	AK-1	AK-1			SF Fr.	to	hr
FS	0	Depth(ft)	4102.0	4096.0	0.0	0.0	FS Fr.	to	hr

	Field	1	2	3	4				
A.	Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED	0220	hr
B.	First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM	0335	hr
B1.	Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN	0340	hr
C.	In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED	0600	hr
D.	Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT	0830	hr
E.	Final Flow	0.0	0.0	0.0	0.0	0.0			
F.	Fl Shut-in	0.0	0.0	0.0	0.0	0.0	TOOL DATA-----		
G.	Final Hydro	0.0	0.0	0.0	0.0	0.0	Tool Wt.		0.00 lbs
	Inside/Outside	0	I				Wt Set On Packer	22000.00	lbs
							Wt Pulled Loose	52000.00	lbs
							Initial Str Wt	39000.00	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	4102.00	ft

RECOVERY

Tot Fluid 0.00 ft of 0.00 ft in DC and 0.00 ft in DP

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

BLOW DESCRIPTION

Initial Flow -
 Bottom of bucket in 13 min

Initial Shutin -
 Bled off, no blow back

Final Flow -
 Bottom of bucket immediately,
 backside of hole not holding*

Final Shutin -
 Bled off, no blow back
 *MISRUN - Packer failure

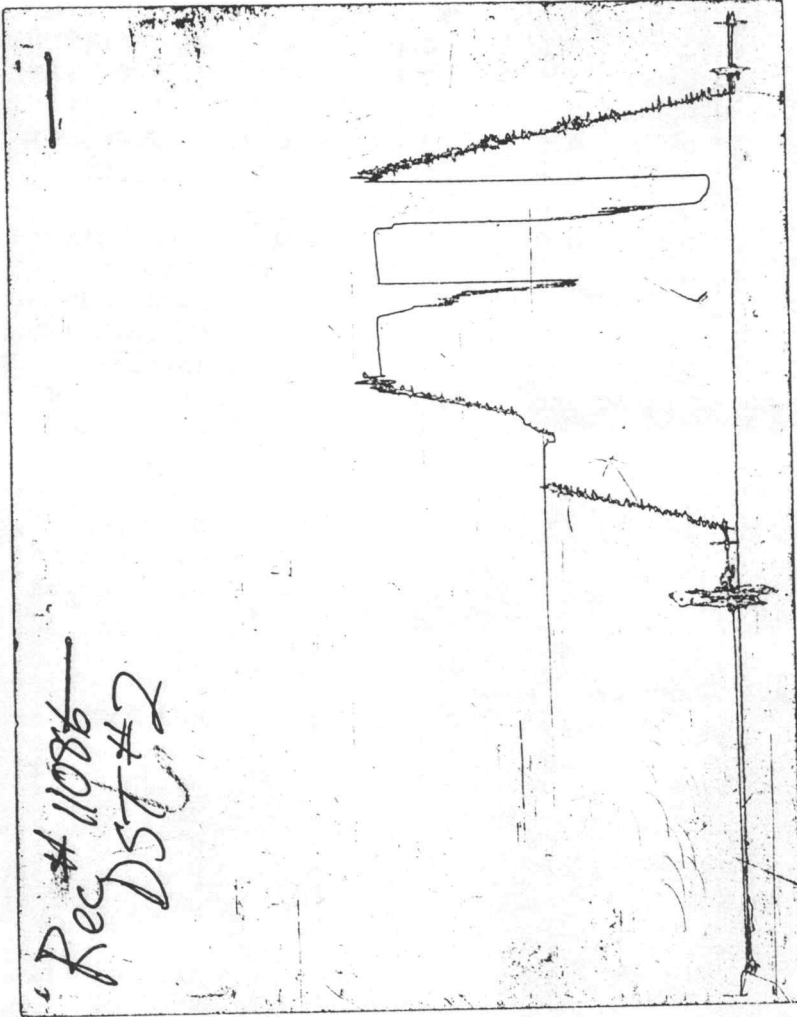
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MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	50.00 S/L
W.L.	8.40 in ³
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	Mike McVey
Co. Rep.	Ed Glassman
Contr.	Discovery
Rig #	1
Unit #	
Pump T.	

Test Successful: N

CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

OPERATOR : AFG Energy Inc
 WELL NAME: Hubert #B-1
 LOCATION : 30-11S-33W, Logan Cty KS
 INTERVAL : 4069.00 To 4105.00 ft

DATE 12/8/95
 KB 3170.00 ft
 GR 3164.00 ft
 TD 4105.00 ft

TICKET NO: 8420
 FORMATION: Toronto/Lansing "A"
 TEST TYPE: CONVENTIONAL
 DST #3

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11086	11086	6730			PF Fr. 1100 to 1130 hr
SI 30	Range(Psi)	4350.0	4350.0	0.0	0.0	0.0	IS Fr. 1130 to 1200 hr
SF 30	Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 1200 to 1230 hr
FS 30	Depth(ft)	4102.0	4102.0	4077.0	0.0	0.0	FS Fr. 1230 to 1300 hr

	Field	1	2	3	4	
A. Init Hydro	2032.0	2050.0	0.0	0.0	0.0	T STARTED 0930 hr
B. First Flow	152.0	114.0	0.0	0.0	0.0	T ON BOTM 1055 hr
B1. Final Flow	185.0	151.0	0.0	0.0	0.0	T OPEN 1100 hr
C. In Shut-in	1303.0	1263.0	0.0	0.0	0.0	T PULLED 1300 hr
D. Init Flow	207.0	172.0	0.0	0.0	0.0	T OUT 1445 hr
E. Final Flow	251.0	207.0	0.0	0.0	0.0	
F. Fl Shut-in	1281.0	1249.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2000.0	1993.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 22000.00 lbs

RECOVERY

Tot Fluid 340.00 ft of 0.00 ft in DC and 340.00 ft in DP
 340.00 ft of Muddy water - 75% water, 25% mud

Unseated Str Wt 40000.00 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 4071.00 ft

RW .476 @ 30.7 F

SALINITY 28000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 No blow, flushed tool, weak blow;
 located a loose hammer union, de-iced
 & retightened

Initial Shutin -
 Bled off blow, no blow back

Final Flow -
 Built to bottom of bucket in 24 min

Final Shutin -
 Bled off blow, no blow back

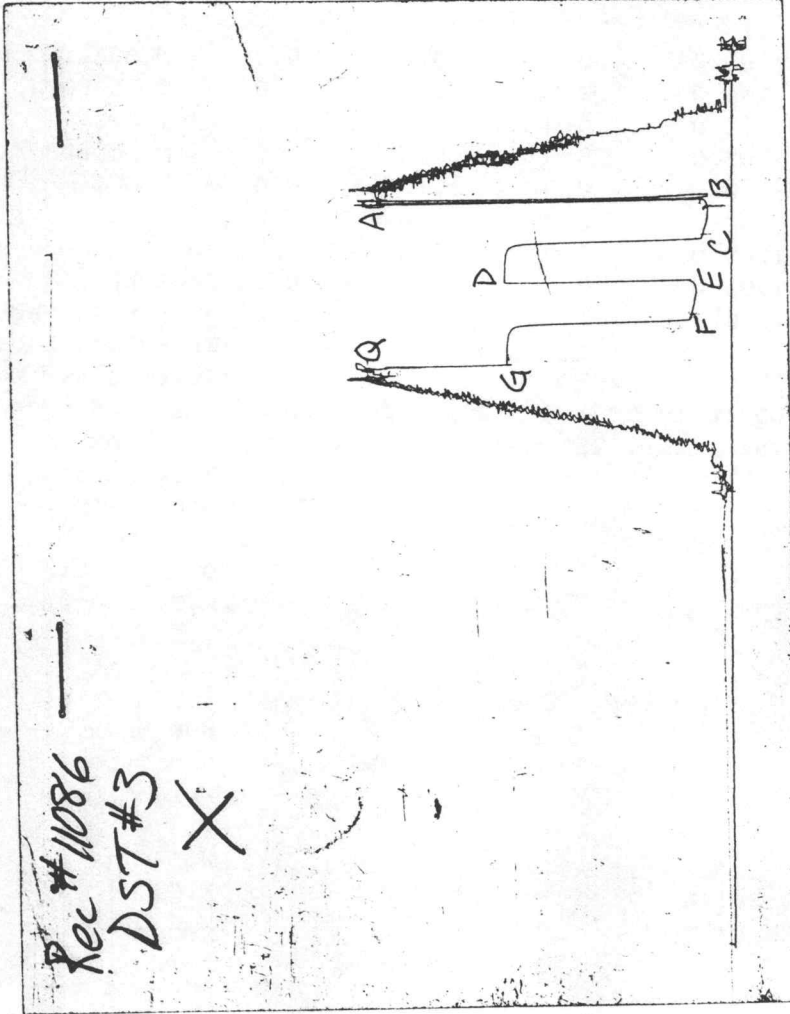
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MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/
Vis.	54.00 S/L
W.L.	8.40 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	109.00 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	Mike McVey
Co. Rep.	Ed Glassman
Contr.	Discovery
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

OPERATOR : AFG Energy Inc DATE 12/9/95
 WELL NAME: Hubert #B-1 KB 3170.00 ft TICKET NO: 8421 DST #4
 LOCATION : 30-11S-33W, Logan Cty KS GR 3164.00 ft FORMATION: Lansing/KC "H"
 INTERVAL : 4242.00 To 4295.00 ft TD 4295.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11086	11086	6730			PF Fr. 1304 to 1334 hr
SI 30 Range(Psi)	4350.0	4350.0	0.0	0.0	0.0	IS Fr. 1334 to 1404 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 1404 to 1434 hr
FS 30 Depth(ft)	4292.0	4292.0	4249.0	0.0	0.0	FS Fr. 1434 to 1504 hr

	Field	1	2	3	4	
A. Init Hydro	2152.0	2147.0	0.0	0.0	0.0	T STARTED 1200 hr
B. First Flow	109.0	85.0	0.0	0.0	0.0	T ON BOTM 1300 hr
B1. Final Flow	163.0	138.0	0.0	0.0	0.0	T OPEN 1304 hr
C. In Shut-in	1314.0	1293.0	0.0	0.0	0.0	T PULLED 1504 hr
D. Init Flow	196.0	172.0	0.0	0.0	0.0	T OUT 1630 hr
E. Final Flow	229.0	208.0	0.0	0.0	0.0	
F. Fl Shut-in	1292.0	1284.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2131.0	2122.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 22000.00 lbs
						Wt Pulled Loose 56000.00 lbs
						Initial Str Wt 40000.00 lbs
						Unseated Str Wt 42000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4253.00 ft

RECOVERY

Tot Fluid 330.00 ft of 0.00 ft in DC and 330.00 ft in DP
 330.00 ft of Muddy water - 75% water, 25% mud

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/
Vis.	59.00 S/I
W.L.	8.40 in
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	104.00 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	Mike McVey
Co. Rep.	Ed Glassman
Contr.	Discovery
Rig #	1
Unit #	
Pump T.	

RW .402 @ 27.7 F
 SALINITY 30000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Bottom of bucket in 21 min

Initial Shutin -
 Bled off, no blow back

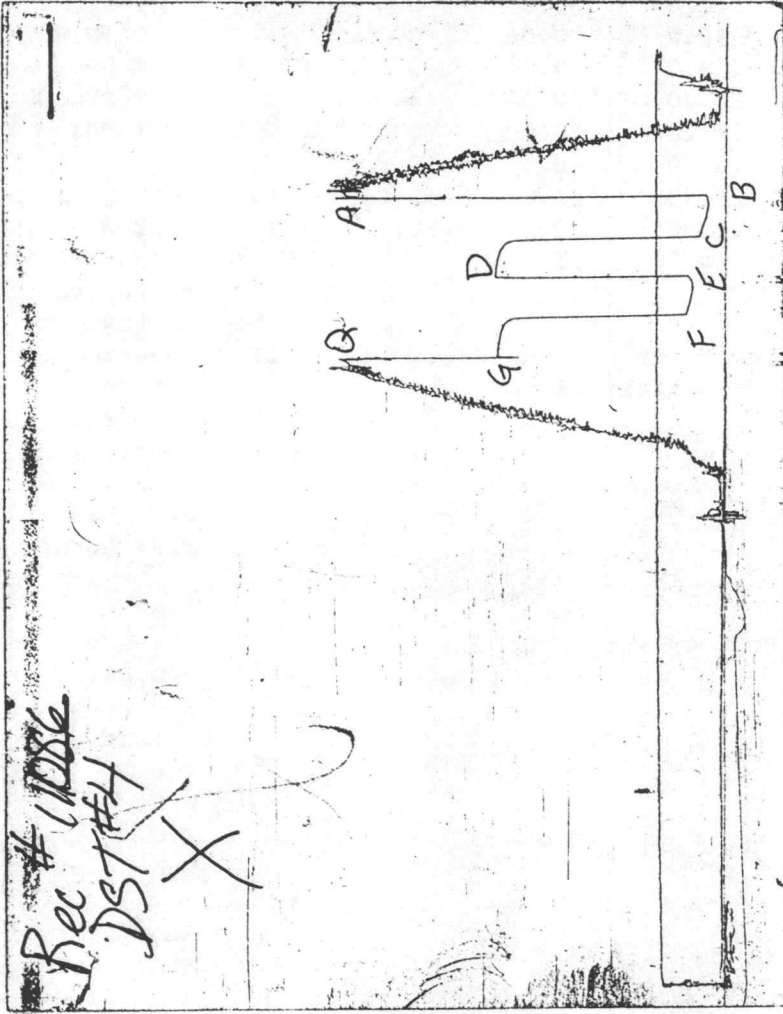
Final Flow -
 Bottom of bucket in 23 min

Final Shutin -
 Bled off, no blow back

SAMPLES:
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Test Successful: Y

CHART PAGE



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TRILOBITE TESTING L.L.C.

OPERATOR : AFG Energy, Inc
 WELL NAME: Hubert #B-1
 LOCATION : 30-11S-33W, Logan Cty KS
 INTERVAL : 4298.00 To 4347.00 ft

DATE 12/12/95
 KB 3170.00 ft
 GR 3162.00 ft
 TD 4750.00 ft

TICKET NO: 8473
 FORMATION: Lansing/KC
 DST #5
 TEST TYPE: CONV STRADDLE

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----		
PF	0 Rec.		13339	13339	13276	13309	PF Fr.	to	hr
SI	0 Range(Psi)	4000.0	4000.0	0.0	4700.0	0.0	IS Fr.	to	hr
SF	0 Clock(hrs)	AK-1	AK-1	AK-1	AK-1		SF Fr.	to	hr
FS	0 Depth(ft)	4335.0	4335.0	4340.0	4745.0	0.0	FS Fr.	to	hr

	Field	1	2	3	4			
A. Init Hydro	2273.0	2278.0	0.0	0.0	0.0	T STARTED	2145	hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM	2358	hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN	2400	hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED	0015	hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT	0230	hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0			
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0			
G. Final Hydro	2223.0	2217.0	0.0	0.0	0.0			
Inside/Outside	I	I		O				

TOOL DATA-----

Tool Wt.	0.00 lb.
Wt Set On Packer	25000.00 lb.
Wt Pulled Loose	52000.00 lb.
Initial Str Wt	48000.00 lb.
Unseated Str Wt	50000.00 lb.
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	60.00 ft
D.P. Length	4230.00 ft

RECOVERY

Tot Fluid 300.00 ft of 60.00 ft in DC and 240.00 ft in DP
 300.00 ft of Drilling mud

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

BLOW DESCRIPTION

*Packers failed immediately, tried to reset, no help.

Tool out of hole at company orders.

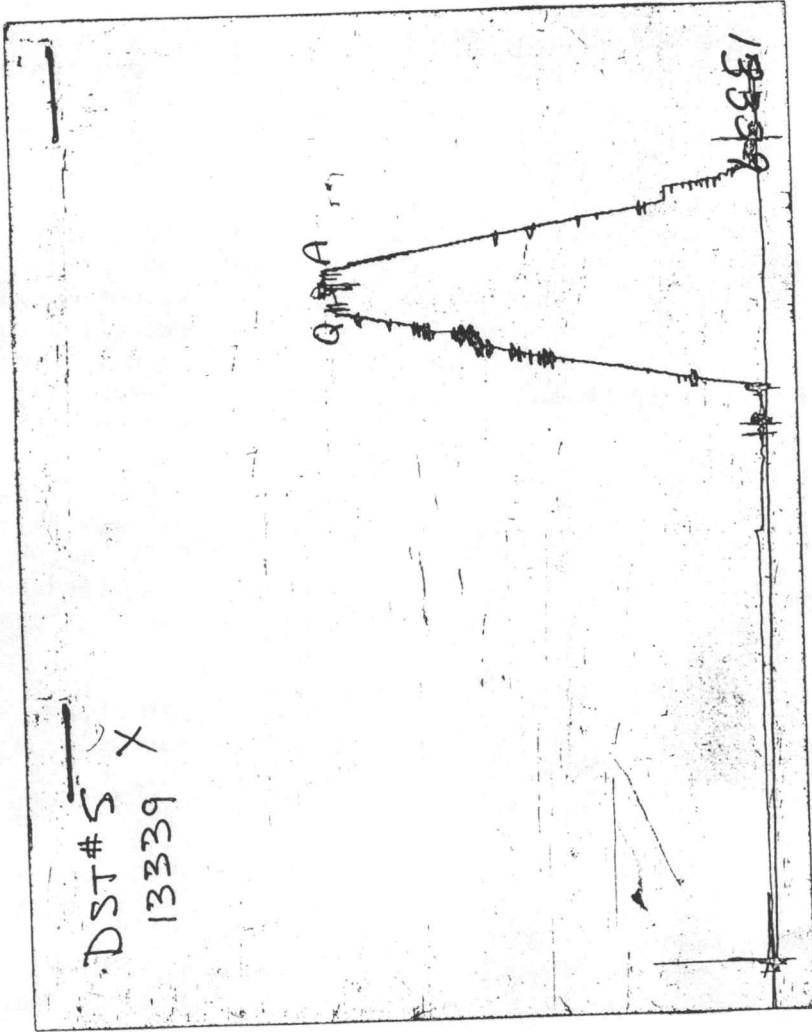
MUD DATA-----

Mud Type	Chemical
Weight	9.60 lb
Vis.	52.00 S/
W.L.	10.80 in
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	112.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Rod Steinbrink
Co. Rep.	Ed Glassman
Contr.	Discovery
Rig #	1
Unit #	
Pump T.	

SAMPLES:
 SENT TO:

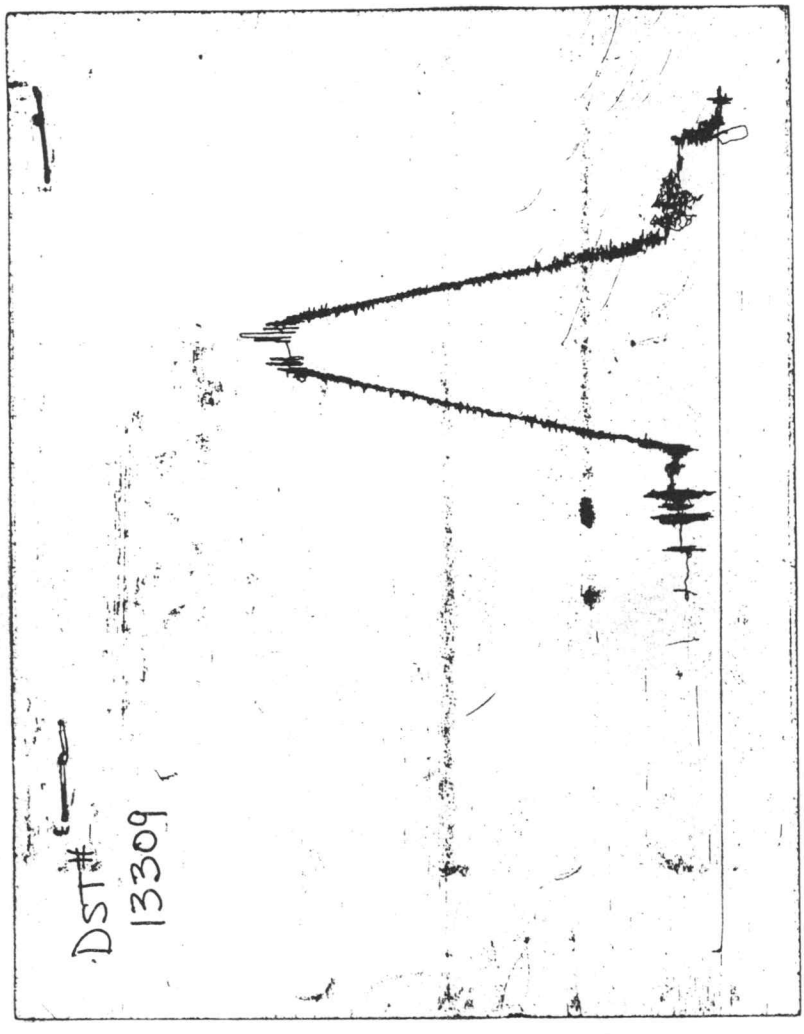
Test Successful: N

CHART PAGE



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CHART PAGE



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