

Well Name:	URBAN "A" #1				
Company :	AFG ENERGY, INC				
Location - Sec:	25	Twp:	16S	Rge:	18W
County:	RUSH	State:	KS		
Date:	11/5/95				

TRILOBITE TESTING L.L.C.

OPERATOR : AFG Energy Inc

DATE 11/01/95

WELL NAME: Urban "A" #1

KB 2025.00 ft

TICKET NO: 8767

DST #1

LOCATION : 25-16S-18W, Rush Cty KS

GR 2017.00 ft

FORMATION: Topeka

INTERVAL : 3011.00 To 3026.00 ft

TD 3026.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	13849			PF Fr. 1835 to 1905 hr
SI 30 Range(Psi)	4000.0	4000.0	4375.0	0.0	0.0	IS Fr. 1905 to 1935 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 1935 to 2005 hr
FS 30 Depth(ft)	3013.0	3013.0	3023.0	0.0	0.0	FS Fr. 2005 to 2035 hr

	Field	1	2	3	4	
A. Init Hydro	1476.0	1471.0	0.0	0.0	0.0	T STARTED 1710 hr
B. First Flow	29.0	24.0	0.0	0.0	0.0	T ON BOTM 1832 hr
B1. Final Flow	29.0	27.0	0.0	0.0	0.0	T OPEN 1835 hr
C. In Shut-in	571.0	557.0	0.0	0.0	0.0	T PULLED 2035 hr
D. Init Flow	49.0	44.0	0.0	0.0	0.0	T OUT 2230 hr
E. Final Flow	49.0	27.0	0.0	0.0	0.0	
F. Fl Shut-in	610.0	606.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1376.0	1374.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 90000.00 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 3.80 in
						D. Pipe ID 2.25 in
						D.C. Length 30.00 ft
						D.P. Length 2960.00 ft

RECOVERY

Tot Fluid 35.00 ft of 30.00 ft in DC and 5.00 ft in DP
 645.00 ft of Gas in pipe
 35.00 ft of Gassy 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 Blow -

Strong, bottom of bucket in 6 min

Final Blow -

Strong, bottom of bucket as soon as
 tool opened; plugging on second flow

SAMPLES:

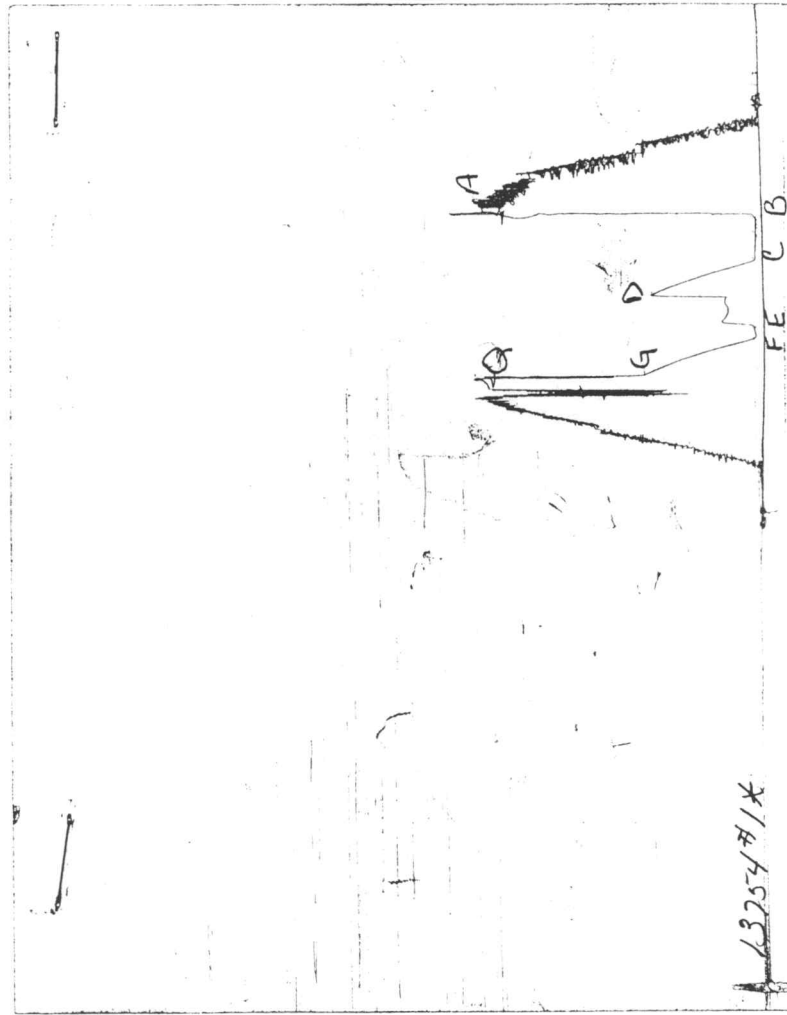
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	8.80 lb/cf
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.	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	Dan Bangle
Co. Rep.	Ed Glassman
Contr.	Discovery
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

P.O. SUB	2871
C.O. SUB	2991
S.I. TOOL	2997
HMV	3002
JARS n/a	
SAFETY JOINT n/a	
PACKER Top	3006
PACKER Bottom	3011
DEPTH 3011	
STUBB 1'	3012
ANCHOR	
1' perf	3013
AK-1 recorder	3013
5' perf	3018
T.C.	
DEPTH	
3' perf	3021
AK-1 recorder	3023
BULLNOSE 5' bullplug	
T.D.	3026

REMARKS:

TRILOBITE TESTING L.L.C.

OPERATOR : AFG Energy, Inc.

DATE 11-3-95

WELL NAME: Urban "A" #1

KB 2025.00 ft

TICKET NO: 8768

DST #2

LOCATION : 25-16S-18W, Rush Cty KS

GR 2017.00 ft

FORMATION: LKC "A"

INTERVAL : 3251.00 To 3310.00 ft

TD 3310.00 ft

TEST TYPE: CONV.

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	13849			PF Fr. 0820 to 0850 hr
SI 30 Range(Psi)	4000.0	4000.0	4375.0	0.0	0.0	IS Fr. 0850 to 0920 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 0920 to 0950 hr
FS 30 Depth(ft)	3255.0	3255.0	0.0	0.0	0.0	FS Fr. 0950 to 1020 hr

	Field	1	2	3	4	
A. Init Hydro	1616.0	1616.0	1602.0	0.0	0.0	T STARTED 0710 hr
B. First Flow	19.0	23.0	33.0	0.0	0.0	T ON BOTM 0815 hr
B1. Final Flow	19.0	18.0	33.0	0.0	0.0	T OPEN 0820 hr
C. In Shut-in	68.0	79.0	77.0	0.0	0.0	T PULLED 1020 hr
D. Init Flow	19.0	15.0	33.0	0.0	0.0	T OUT 1140 hr
E. Final Flow	19.0	18.0	33.0	0.0	0.0	
F. Fl Shut-in	49.0	47.0	55.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1586.0	1580.0	1547.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 40000.00 lbs
						Initial Str Wt 33000.00 lbs
						Unseated Str Wt 33000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.28 in
						D.C. Length 30.00 ft
						D.P. Length 3200.00 ft

RECOVERY

Tot Fluid 10.00 ft of 10.00 ft in DC and 0.00 ft in DP

10.00 ft of Drilling 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

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

BLOW DESCRIPTION

Initial Blow -
Weak, building to .5"

Final Blow -
No blow

SAMPLES:

SENT TO:

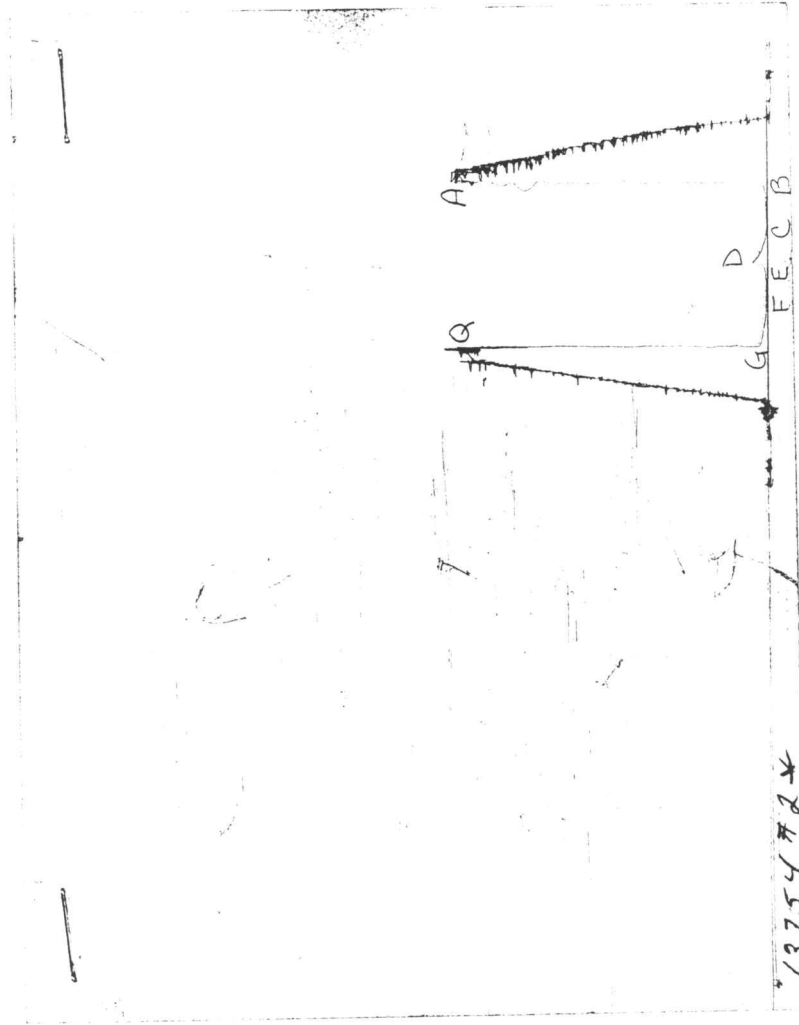
MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	58.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	100.00 F
Hole Condition	GOOD
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	DAN BANGLE
Co. Rep.	ED GLASSMAN
Contr.	DISCOVERY
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

*** TOOL DIAGRAM *** CONV.

WELL NAME: Urban "A" #1

LOCATION : 25-16S-18W, Rush Cty KS

TICKET No. 8768 D.S.T. No. 2 DATE 11-3-95

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 29

TOTAL TOOL 49

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 30

TOTAL ASSEMBLY 79

D.C. ABOVE TOOLS.Stands Single 1 Total 30

D.P. ABOVE TOOLS.Stands53 Single Total 3233

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3342

TOTAL DEPTH 3310

TOTAL DRILL PIPE ABOVE K.B. 32

REMARKS:

	P.O. SUB	3111
	C.O. SUB	3231
	S.I. TOOL	3237
	HMV	3242
	JARS n/a	
	SAFETY JOINT n/a	
	PACKER	3246
	PACKER	3251
	DEPTH 3251	
	STUBB 1'	3252
	ANCHOR	
	1' CO	3253
	AK-1 RECORDER	3254
	1 STD DP 30'	3254
	1' CO	3285
	5' PERFS	3290
	T.C.	
	DEPTH	
	5' PERFS	3295
	5' PERFS	3300
	AK-1 RECORDER	3307
	BULLNOSE 5' BULLPLUG	
	T.D.	3310

TRILOBITE TESTING L.L.C.

OPERATOR : AFG Energy, Inc

DATE 11-4-95

WELL NAME: Urban "A" #1

KB 2025.00 ft

TICKET NO: 8769

DST #3

LOCATION : 25-16S-18W, Rush Cty KS

GR 2017.00 ft

FORMATION: SAND

INTERVAL : 3541.00 To 3585.00 ft

TD 3585.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	13849			PF Fr. 1430 to 1500 hr
SI 30 Range(Psi)	4000.0	4000.0	4375.0	0.0	0.0	IS Fr. 1500 to 1530 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 1530 to 1600 hr
FS 30 Depth(ft)	3545.0	3545.0	3582.0	0.0	0.0	FS Fr. 1600 to 1630 hr

	Field	1	2	3	4	
A. Init Hydro	1866.0	1857.0	1906.0	0.0	0.0	T STARTED 1330 hr
B. First Flow	29.0	32.0	77.0	0.0	0.0	T ON BOTM 1425 hr
B1. Final Flow	29.0	32.0	77.0	0.0	0.0	T OPEN 1430 hr
C. In Shut-in	49.0	48.0	88.0	0.0	0.0	T PULLED 1630 hr
D. Init Flow	29.0	32.0	77.0	0.0	0.0	T OUT 1745 hr
E. Final Flow	29.0	32.0	77.0	0.0	0.0	
F. Fl Shut-in	49.0	45.0	88.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1816.0	1810.0	1830.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 45000.00 lbs
						Initial Str Wt 39000.00 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 3.28 in
						D.C. Length 30.00 ft
						D.P. Length 3490.00 ft

RECOVERY

Tot Fluid 10.00 ft of 10.00 ft in DC and 0.00 ft in DP
 10.00 ft of Drilling 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

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

BLOW DESCRIPTION

Initial Blow -
 Weak, building to 1.5"

Final Blow -
 No blow

SAMPLES:

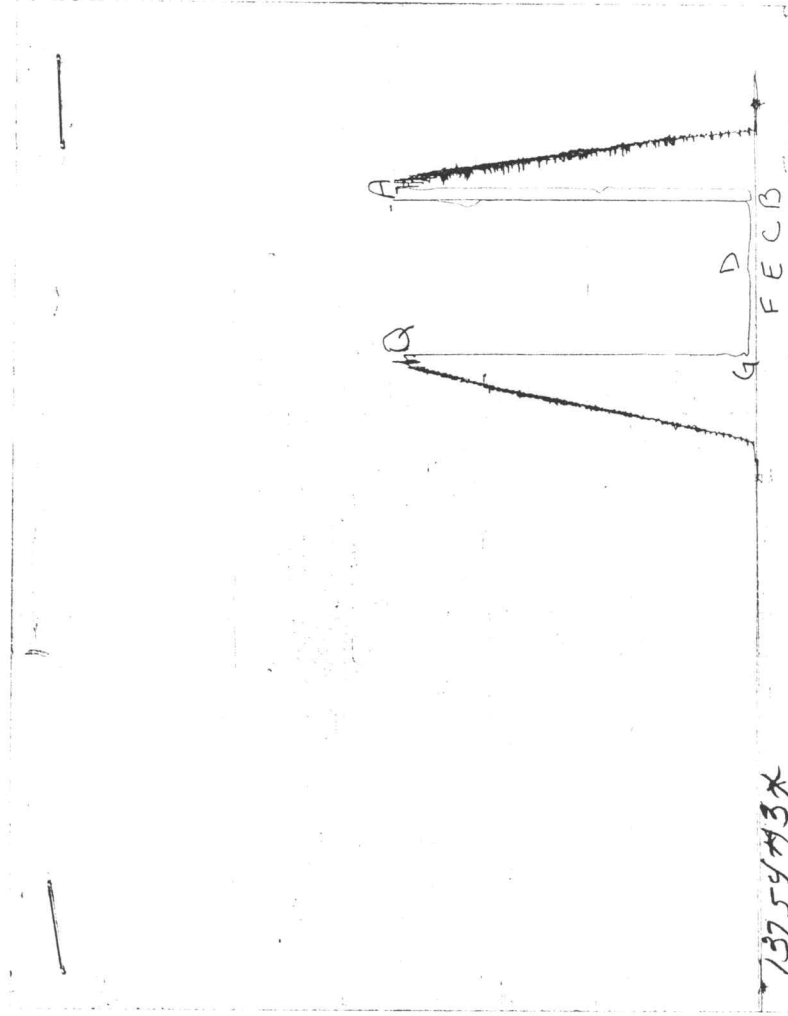
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/c
Vis.	47.00 S/L
W.L.	12.60 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	108.00 F
Hole Condition	GOOD
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	DAN BANGLE
Co. Rep.	ED GLASSMAN
Contr.	DISCOVERY
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

*** TOOL DIAGRAM *** CONV

WELL NAME: Urban "A" #1

LOCATION : 25-16S-18W, Rush Cty KS

TICKET No. 8769 D.S.T. No. 3 DATE 11-4-95

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 44

TOTAL TOOL 64

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 64

D.C. ABOVE TOOLS.Stands Single 1 Total 30

D.P. ABOVE TOOLS.Stands57 Single 1 Total 3507

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3601

TOTAL DEPTH 3585

TOTAL DRILL PIPE ABOVE K.B. 16

REMARKS:

P.O. SUB	3401
C.O. SUB	3521
S.I. TOOL	3527
HMV	3532
JARS n/a	
SAFETY JOINT n/a	
PACKER	3536
PACKER	3541
DEPTH 3541	
STUBB 1'	3542
ANCHOR	
1' PERFS	3543
5' PERFS	3548
AK-1 RECORDER	3548
5' PERFS	3553
5' PERFS	3558
5' PERFS	3563
T.C.	
DEPTH	
5' PERFS	3568
5' PERFS	3573
4' PERFS	3577
3' PERFS	3580
AK-1 RECORDER	3582
BULLNOSE 5' BULLPLUG	
T.D.	3585

TRILOBITE TESTING L.L.C.

OPERATOR : AFG Energy, Inc.

DATE 11-5-95

WELL NAME: Urban "A" #1

KB 2025.00 ft

TICKET NO: 8770

DST #4

LOCATION : 25-16S-18W, Rush Cty KS

GR 2017.00 ft

FORMATION: SAND

INTERVAL : 3589.00 To 3599.00 ft

TD 3640.00 ft

TEST TYPE: CONV STRADDLE

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	13849	7437		PF Fr. 1055 to 1125 hr
SI 60 Range(Psi)	4000.0	4000.0	4375.0	4200.0	0.0	IS Fr. 1125 to 1225 hr
SF 60 Clock(hrs)	AK-1	AK-1	AK-1	AK-1		SF Fr. 1225 to 1325 hr
FS 60 Depth(ft)	3576.0	3576.0	3592.0	3637.0	0.0	FS Fr. 1325 to 1425 hr

	Field	1	2	3	4	
A. Init Hydro	1876.0	1881.0	1863.0	1947.0	0.0	T STARTED 0930 hr
B. First Flow	177.0	173.0	200.0	653.0	0.0	T ON BOTM 1050 hr
Bl. Final Flow	936.0	957.0	962.0	1072.0	0.0	T OPEN 1055 hr
C. In Shut-in	1156.0	1160.0	1172.0	1209.0	0.0	T PULLED 1425 hr
D. Init Flow	1006.0	1021.0	1039.0	1072.0	0.0	T OUT 1730 hr
E. Final Flow	1156.0	1166.0	1172.0	1209.0	0.0	
F. Fl Shut-in	1156.0	1171.0	1172.0	1209.0	0.0	TOOL DATA-----
G. Final Hydro	1816.0	1816.0	1819.0	1915.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	I	I	O	O		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 50000.00 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 3.28 in
						D.C. Length 30.00 ft
						D.P. Length 3534.00 ft

RECOVERY

Tot Fluid 2500.00 ft of 30.00 ft in DC and 2470.00 ft in DP
 427.00 ft of Gas in pipe
 2500.00 ft of Muddy water
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of RW .16 @ 75 F

SALINITY 50000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Blow -

Strong, bottom of bucket in 1 min,
 bled off blow, blow came back and
 built to 4"

Final Blow -

Strong, bottom of bucket as soon as
 tool opened, decreasing to .5" blow in
 60 min

SAMPLES:

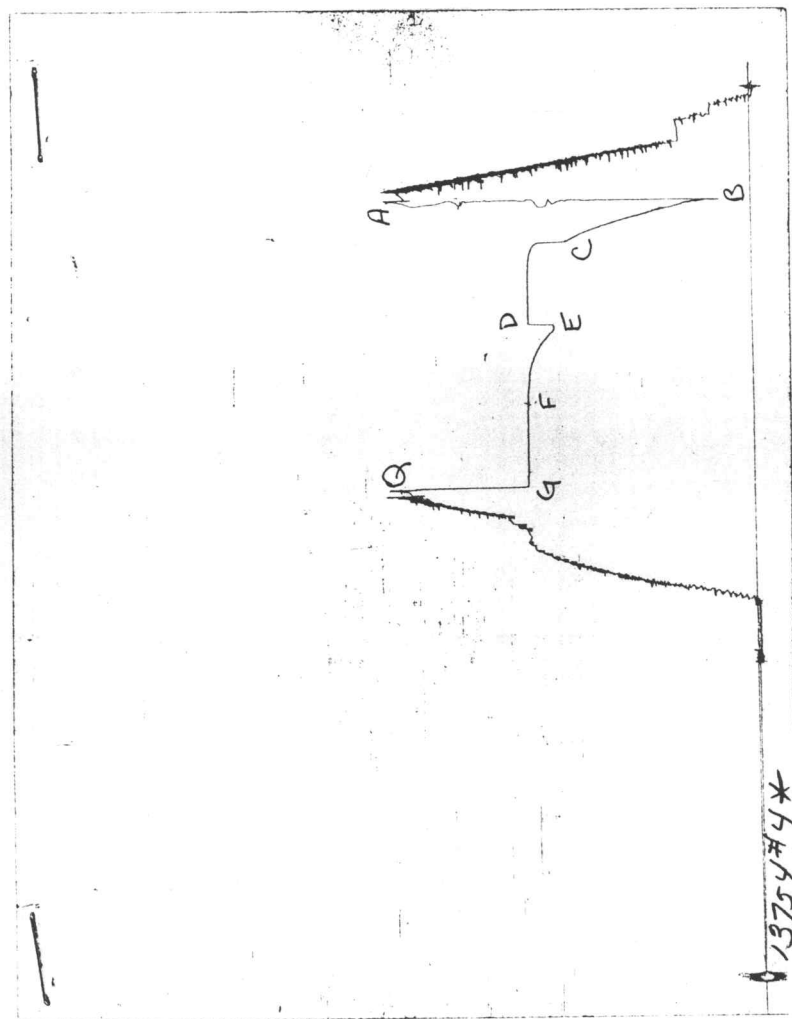
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.50 lb/cf
Vis.	55.00 S/L
W.L.	10.20 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 F
Hole Condition	GOOD
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out Y	
Tool Chased N	
Tester	DAN BANGLE
Co. Rep.	ED GLASSMAN
Contr.	DISCOVERY
Rig #	1
Unit #	
Pump T.	

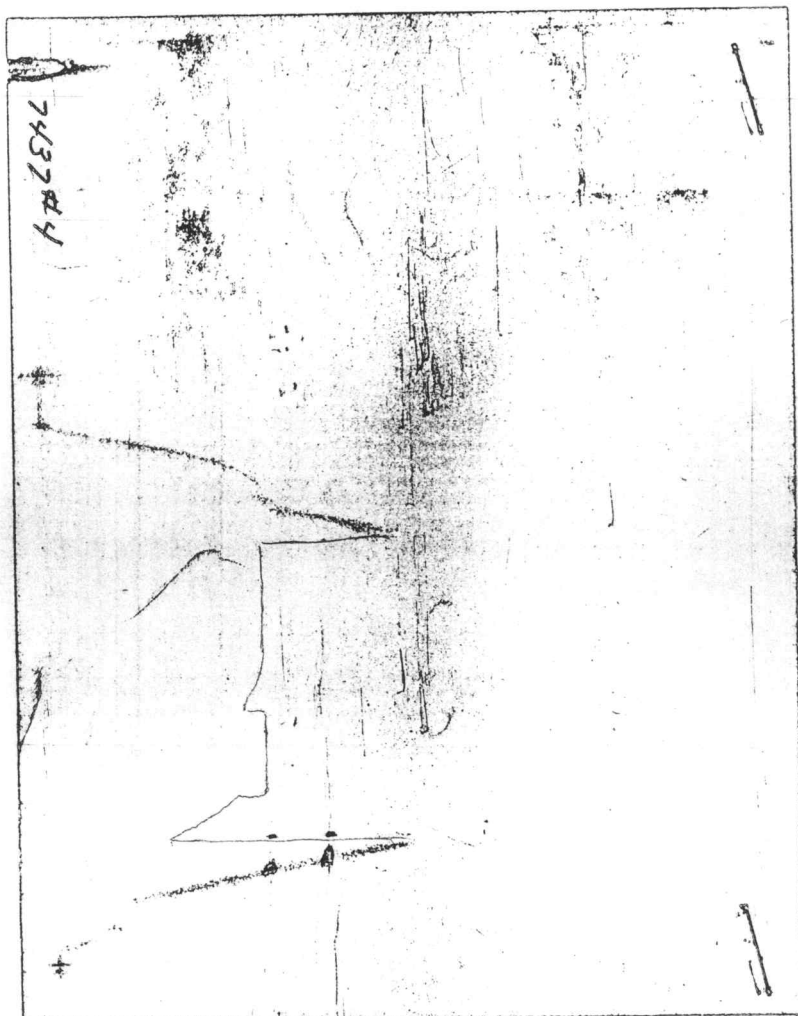
Test Successful: N

CHART PAGE



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CHART PAGE



This is an actual photograph of recorder chart

*** TOOL DIAGRAM *** CONV STRADDLE

WELL NAME: Urban "A" #1

LOCATION : 25-16S-18W, Rush Cty KS

TICKET No. 8770 D.S.T. No. 4 DATE 11-5-95

TOTAL TOOL TO BOTTOM OF TOP PACKERS 26

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 10

TOTAL TOOL 36

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total 1

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 3534

D.C. ABOVE TOOLS.Stands Single 1 Total 30

D.P. ABOVE TOOLS.Stands58 Single 1 Total 3534

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3650

TOTAL DEPTH 3640

TOTAL DRILL PIPE ABOVE K.B. 10

REMARKS:

BOTTOM STRADDLE PACKER DID NOT HOLD.

P.O. SUB	3443
C.O. SUB	3563
S.I. TOOL	3569
HMV	3574
JARS n/a	
SAFETY JOINT AP-CARRIER	3579
AK-1 RECORDER	3581
PACKER	3584
PACKER	3589
DEPTH 3589	3589
STUBB	
ANCHOR 1' PACKER SUB	3590
1' PERFS	3591
4' PERFS	3595
AK-1 RECORDER	3595
1' BLANK-OFF	3596
3' PACKER SUB	3599
T.C.	
DEPTH	
PACKER STRADDLE	3599
1' PACKER SUB	3600
CO SUB	3601
1 JT DP 31'	3632
CO SUB	3633
2' PERFS	3635
AK-1 RECORDER	3637
BULLNOSE 5' BULLPLUG	
T.D.	3640

TRILOBITE TESTING L.L.C.

OPERATOR : AFG Energy, Inc

DATE 11-5-95

WELL NAME: Urban "A" #1

KB 2025.00 ft

TICKET NO: 8771

DST #5

LOCATION : 25-16S-18W, Rush Cty KS

GR 2017.00 ft

FORMATION: SAND

INTERVAL : 3589.00 To 3597.00 ft

TD 3640.00 ft

TEST TYPE: CONV STRADDLE

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	13849	7437		PF Fr. 1840 to 1910 hr
SI 30 Range(Psi)	4000.0	4000.0	4375.0	4200.0	0.0	IS Fr. 1910 to 1940 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1	AK-1		SF Fr. 1940 to 2010 hr
FS 30 Depth(ft)	3576.0	3576.0	3592.0	3637.0	0.0	FS Fr. 2010 to 2040 hr

	Field	1	2	3	4	
A. Init Hydro	1836.0	1843.0	0.0	0.0	0.0	T STARTED 1800 hr
B. First Flow	19.0	23.0	0.0	0.0	0.0	T ON BOTM 1835 hr
B1. Final Flow	19.0	26.0	0.0	0.0	0.0	T OPEN 1840 hr
C. In Shut-in	29.0	46.0	0.0	0.0	0.0	T PULLED 2040 hr
D. Init Flow	19.0	29.0	0.0	0.0	0.0	T OUT 2200 hr
E. Final Flow	19.0	29.0	0.0	0.0	0.0	
F. Fl Shut-in	19.0	29.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1786.0	1770.0	0.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	I	I	O	O		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 39000.00 lbs
						Initial Str Wt 39000.00 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 3.28 in
						D.C. Length 30.00 ft
						D.P. Length 3534.00 ft

RECOVERY

Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP

5.00 ft of Drilling 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

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

BLOW DESCRIPTION

IF-

WEAK- BUILDING TO 1/4"

FF-

NO BLOW

SAMPLES:

SENT TO:

MUD DATA-----

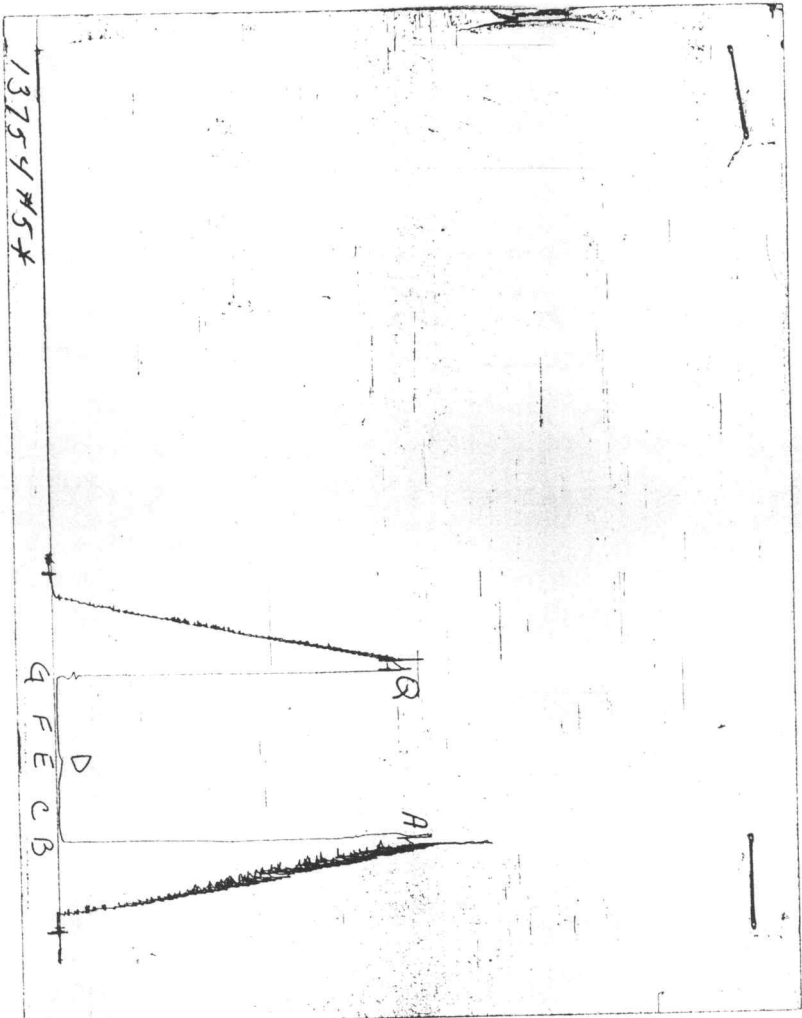
Mud Type	Chemical
Weight	9.50 lb/c
Vis.	55.00 S/L
W.L.	10.20 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	116.00 F
Hole Condition	GOOD
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	

Tester	DAN BANGLE
Co. Rep.	ED GLASSMAN
Contr.	DISCOVERY
Rig #	1
Unit #	
Pump T.	

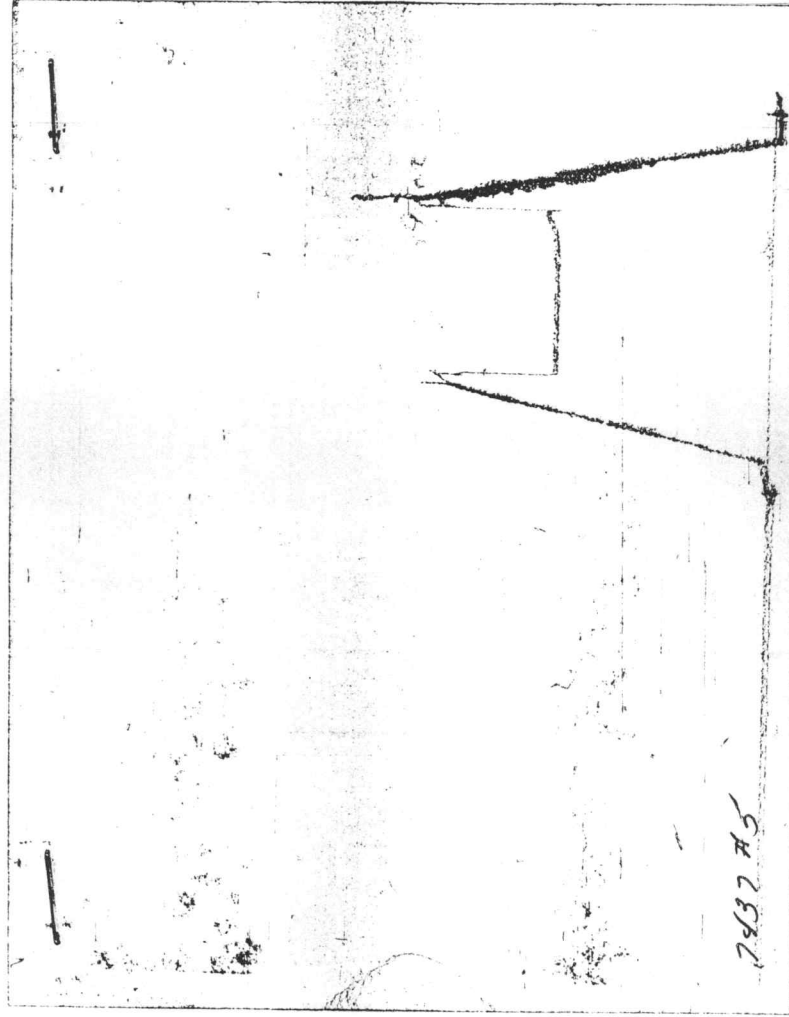
Test Successful: Y

CHART PAGE



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CHART PAGE



This is an actual photograph of recorder chart

