

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

ORIGINAL *And*

OPERATOR : Samuel Gary Jr. & Assoc.
WELL NAME: Jellison #10-8
LOCATION : 10-33s-19w Comanche co KS
INTERVAL : 5150.00 To 5194.00 ft

DATE 07-25-000
KB 2031.00 ft TICKET NO: 12876 DST #1
GR 2022.00 ft FORMATION: Ft.Scott
TD 5194.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 10 Rec.	10248	10248	2342			PF Fr. 0005 to 0015 hr
SI 90 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 0015 to 0145 hr
SF 30 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 0145 to 0215 hr
FS 60 Depth(ft)	5191.0	5191.0	5156.0	0.0	0.0	FS Fr. 0215 to 0315 hr

	Field	1	2	3	4	
A. Init Hydro	2569.0	2623.0	2587.0	0.0	0.0	T STARTED 2116 hr
B. First Flow	18.0	63.0	19.0	0.0	0.0	T ON BOTM 0001 hr
B1. Final Flow	18.0	53.0	19.0	0.0	0.0	T OPEN 0005 hr
C. In Shut-in	87.0	107.0	92.0	0.0	0.0	T PULLED 0315 hr
D. Init Flow	25.0	60.0	20.0	0.0	0.0	T OUT 0540 hr
E. Final Flow	28.0	51.0	22.0	0.0	0.0	
F. Fl Shut-in	883.0	886.0	878.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2556.0	2592.0	2532.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 30.00 ft of 0.00 ft in DC and 30.00 ft in DP
 300.00 ft of Gas in pipe.
 30.00 ft of Drilling mud
 0.00 ft of 100% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of Rw n.c. ohms @ degrees F.
 0.00 ft of EST.FT. of PAY-----7
 SALINITY 9000.00 P.P.M. A.P.I. Gravity 0.00

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Wt Pulled Loose	69000.00 lbs
Initial Str Wt	50000.00 lbs
Unseated Str Wt	51000.00 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	5129.00 ft

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	46.00 S/L
W.L.	9.60 in3
F.C.	0.20 in
Mud Drop N	

BLOW DESCRIPTION

Initial Flow:
 Fair to strong blow. Bottom of bucket
 in 4 1/2 minutes.
 Initial Shut-In:
 Weak blow. (1 - 2")

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Final Flow:
 Fair to strong blow. Bottom of bucket
 in 13 minutes.

Final Shut-In:
 No blow.

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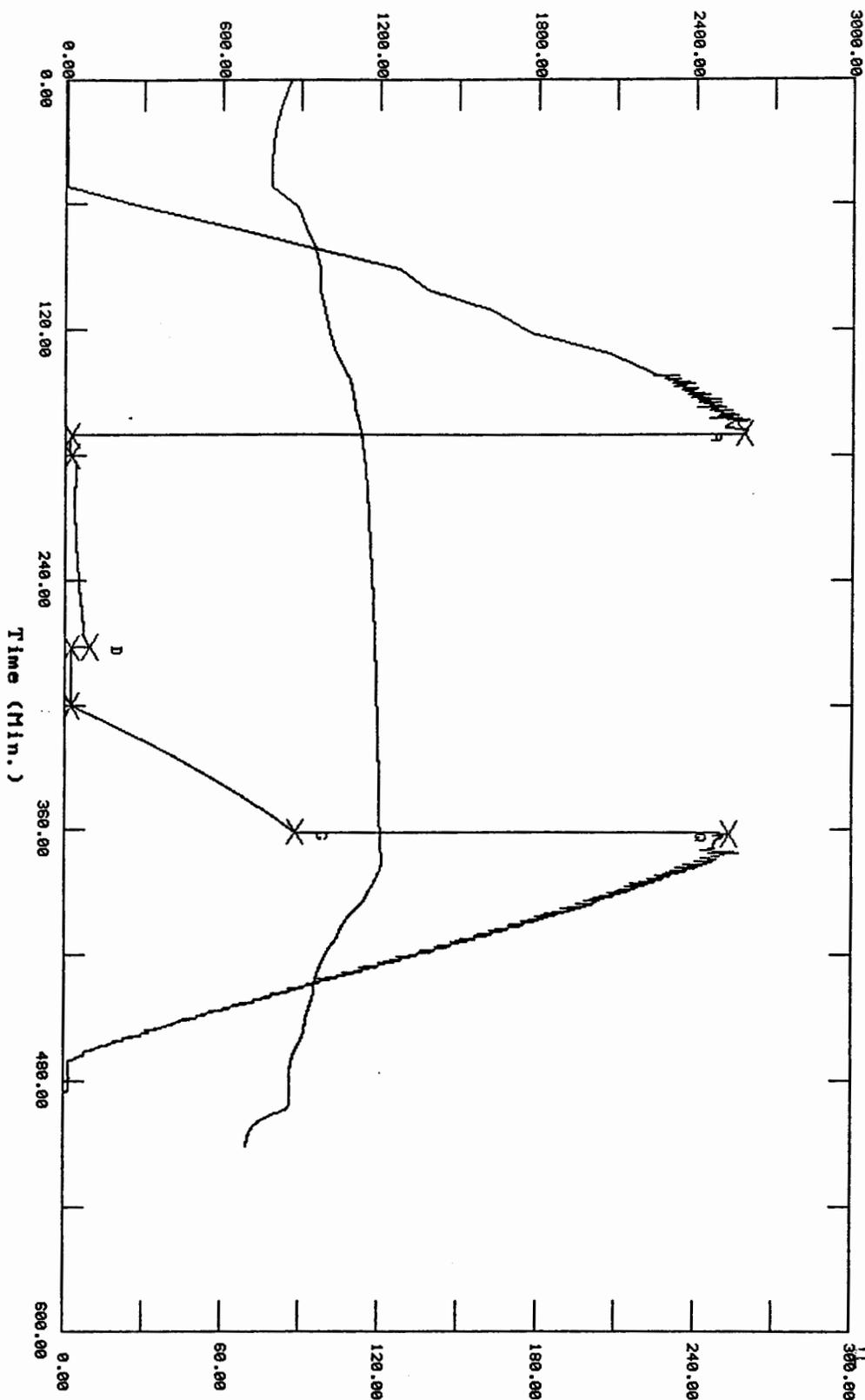
SAMPLES: none
 SENT TO: Caraway/Liberal

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Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 F
Hole Condition	good
% Porosity	14.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Dale Padgett
Contr.	Duke Drlg.
Rig #	4
Unit #	
Pump T.	LCM 0 #/bl

Test Successful: Y

TEST HISTORY
 12876 DST#1 JELLISON #10-8 SAMUEL GARY JR. & ASSOCIATES



Flag Points

(Min.)	(PSig)
A	2586.90
B	19.21
C	19.13
D	91.81
E	19.71
F	22.32
G	879.38
H	2532.01

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TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Samuel Gary Jr. & Assoc.
WELL NAME: Jellison #10-8
LOCATION : 10-33s-19w Comanche co KS
INTERVAL : 5257.00 To 5350.00 ft

DATE 07-27-000

KB 2031.00 ft TICKET NO: 12877 DST #2
GR 2022.00 ft FORMATION: Mississippi
TD 5350.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 10 Rec.	10248	10248	2342			PF Fr. 0810 to 0820 hr
SI 90 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 0820 to 0950 hr
SF 45 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 0950 to 1035 hr
FS 135 Depth(ft)	5347.0	5347.0	5268.0	0.0	0.0	FS Fr. 1035 to 1250 hr

	Field	1	2	3	4	
A. Init Hydro	2647.0	2686.0	2674.0	0.0	0.0	T STARTED 0538 hr
B. First Flow	75.0	110.0	110.0	0.0	0.0	T ON BOTM 0805 hr
B1. Final Flow	57.0	97.0	56.0	0.0	0.0	T OPEN 0810 hr
C. In Shut-in	1705.0	1728.0	1695.0	0.0	0.0	T PULLED 1252 hr
D. Init Flow	78.0	111.0	81.0	0.0	0.0	T OUT 1535 hr
E. Final Flow	78.0	112.0	75.0	0.0	0.0	
F. Fl Shut-in	1537.0	1553.0	1524.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2591.0	2644.0	2582.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 69000.00 lbs
						Initial Str Wt 50000.00 lbs
						Unseated Str Wt 54000.00 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 5254.00 ft

RECOVERY

Tot Fluid 118.00 ft of 0.00 ft in DC and 118.00 ft in DP
 0.00 ft of Gas in all fluid free pipe.
 118.00 ft of Drilling mud
 0.00 ft of 100% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of Rw n.c. ohms @ degrees F.
 0.00 ft of EST.FT. of PAY-----20
 SALINITY 11000.00 P.P.M. A.P.I. Gravity 0.00

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MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	50.00 S/L
W.L.	9.60 in3
F.C.	0.20 in
Mud Drop N	

Amt. of fill	0.00 ft
Btm. H. Temp.	134.00 F
Hole Condition	poor
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Dale Padgett
Contr.	Duke Drlg.
Rig #	4
Unit #	
Pump T.	LCM 0 #/bl

BLOW DESCRIPTION

Initial Flow:
 Strong blow. Bottom of bucket in 40 seconds.
 Initial Shut-In:
 Gas to surface in 1 minute. No blow after blow down.
 Final Flow:
 Strong blow. (see gas volume report)

Final Shut-In:
 No blow.

SAMPLES: Gas sample
 SENT TO: Caraway/Liberal

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Test Successful: Y

GAS RECOVERY

COMPANY: Samuel Gary Jr. & Assoc. DATE: 07-27-000
WELL NAME: Jellison #10-8 KB Elev: 2031.00 ft TICKET #12877 DST #2
WELL LOCATION: 10-33s-19w Comanche co KS GR Elev: 2022.00 ft FORMATION: Mississippi
INTERVAL Fr.: 5257.00 To 5350.00 T.D.: 5350.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adjusting Choke

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
1	0.50	15	0	185000.0
10	0.50	7	0	135200.0
20	0.50	0	18	60800.0
30	0.25	6	0	30300.0
40	0.25	9	0	34700.0

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*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Jellison #10-8

LOCATION : 10-33s-19w Comanche co KS

TICKET No. 12877 D.S.T. No. 2 DATE 07-27-000

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 31

TOTAL TOOL 61

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single Total 62

TOTAL ASSEMBLY 123

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands84 Single 1 Total 5254

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5377

TOTAL DEPTH 5350

TOTAL DRILL PIPE ABOVE K.B. 27

REMARKS:

Comments:

FLUID SAMPLER DATA

GAS----- 1.7 cubic ft
 OIL----- none ML.
 MUD----- 3900 ML.
 WATER----- none ML.
 OTHER----- cuttings
 PRESSURE----- 505 PSI
 Rw ----- n.c.ohms @ deg. F.
 CHLORIDES----- 11000 ppm.
 GRAVITY----- n/a deg.API

H	P.O. SUB	
H	C.O. SUB @ top of tool	5227
H	S.I. TOOL Sterling	5233
H	Sampler	5236
H	HMV Sterling	5241
H	JARS bowen	5246
H	SAFETY JOINT bowen	5248
H	PACKER Top	5252
H	PACKER Btm.	5257
H	DEPTH 5257	
H	1 ft.	5258
H	ANCHOR	
H	6'perfs & sub to	5264
H	Alpine rec. @ 5268	
H	1 std. pipe to	5326
H	19' perfs & sub to	5345
H	AK-1 rec. @ 5347	
H	BULLNOSE 5 ft. perforated	5350
H	T.D.	

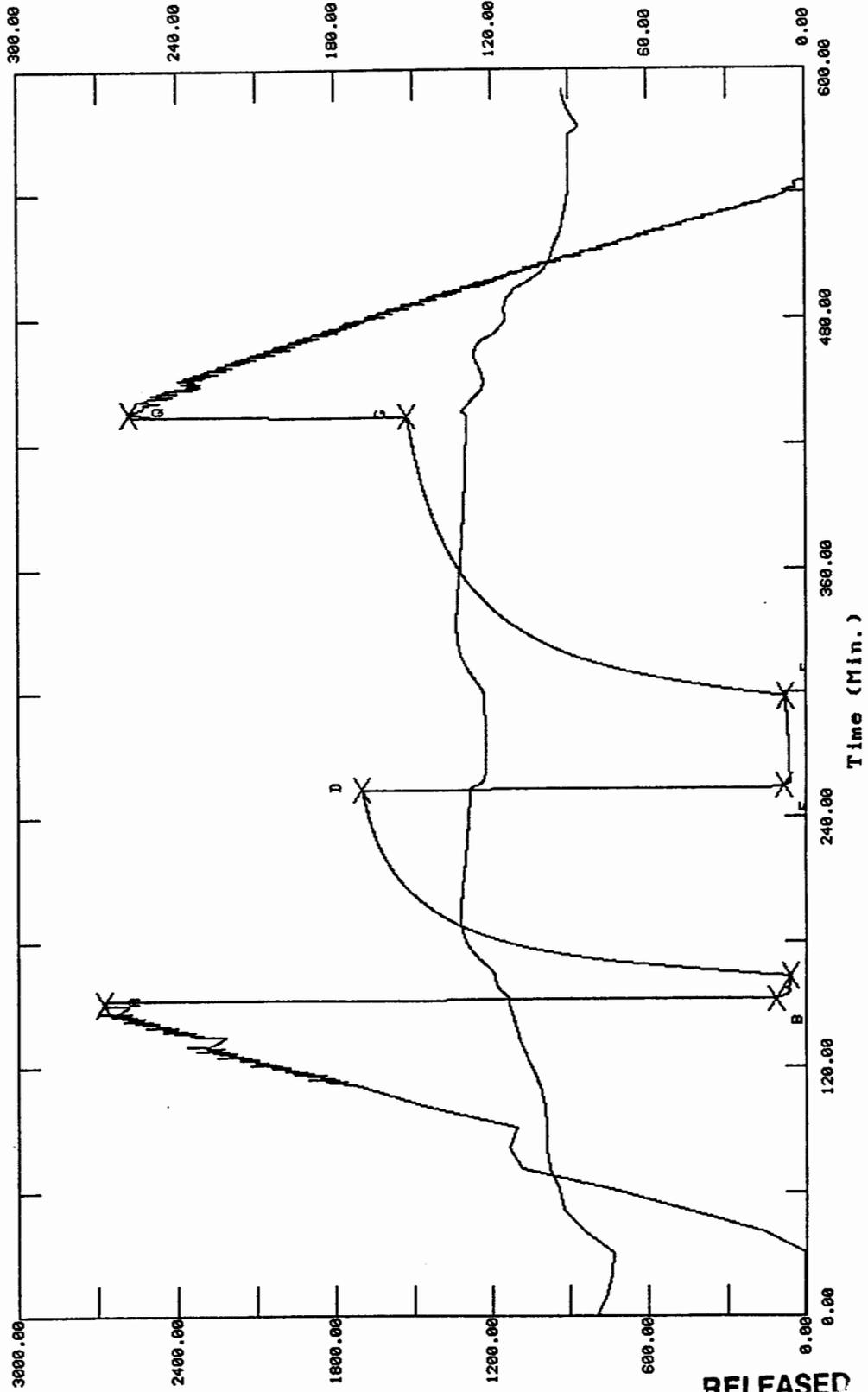
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TEST HISTORY

12877 DST#2 JELLISON #18-8 SAMUEL GARY JR. & ASSOCIATES

Flag Points

t (Min.)	P (PSig)
A: 0.00	2674.94
B: 0.00	110.36
C: 11.00	56.22
D: 90.25	1695.42
E: 0.00	80.81
F: 43.25	75.11
G: 135.00	1523.62
Q: 0.00	2582.45



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TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Samuel Gary Jr. & Assoc.
WELL NAME: Jellison #10-8
LOCATION : 10-33s-19w Comanche co KS
INTERVAL : 5350.00 To 5420.00 ft

DATE 07-28-000
KB 2031.00 ft TICKET NO: 12878 DST #3
GR 2022.00 ft FORMATION: Mississippi
TD 5420.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 10 Rec.	10248	10248	2342			PF Fr. 0555 to 0605 hr
SI 90 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 0605 to 0735 hr
SF 60 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 0735 to 0835 hr
FS 120 Depth(ft)	5417.0	5417.0	5358.0	0.0	0.0	FS Fr. 0835 to 1035 hr

	Field	1	2	3	4	
A. Init Hydro	2691.0	2726.0	2675.0	0.0	0.0	T STARTED 0330 hr
B. First Flow	63.0	76.0	67.0	0.0	0.0	T ON BOTM 0550 hr
B1. Final Flow	63.0	76.0	45.0	0.0	0.0	T OPEN 0555 hr
C. In Shut-in	1605.0	1612.0	1582.0	0.0	0.0	T PULLED 1040 hr
D. Init Flow	78.0	97.0	68.0	0.0	0.0	T OUT 1315 hr
E. Final Flow	114.0	123.0	96.0	0.0	0.0	
F. Fl Shut-in	1307.0	1320.0	1293.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2657.0	2677.0	2616.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 85000.00 lbs
						Initial Str Wt 50000.00 lbs
						Unseated Str Wt 54000.00 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 5347.00 ft

RECOVERY

Tot Fluid 210.00 ft of 0.00 ft in DC and 210.00 ft in DP
 0.00 ft of Gas in all fluid free pipe.
 90.00 ft of Gas cut mud
 0.00 ft of 15% gas 85% mud
 120.00 ft of Muddy water
 0.00 ft of 81% water 19% mud
 0.00 ft of
 0.00 ft of Rw .066 ohms @ 90 degrees F.
 0.00 ft of EST.FT. of PAY-----25
 SALINITY 94000.00 P.P.M. A.P.I. Gravity 0.00

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BLOW DESCRIPTION

Initial Flow:
 Strong blow. Bottom of bucket in 30 seconds.
 Initial Shut-In:
 Gas to surface in 1 minute. No blow after blow down.
 Final Flow:
 Strong blow. (see gas volume report)
 Final Shut-In:
 No blow.

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MUD DATA-----

Mud Type Chemical
 Weight 9.00 lb/c
 Vis. 50.00 S/L
 W.L. 9.60 in3
 F.C. 0.20 in
 Mud Drop N
 Amt. of fill 0.00 ft
 Btm. H. Temp. 129.00 F
 Hole Condition fair
 % Porosity 10.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00 N
 Cushion Type None
 Reversed Out N
 Tool Chased N
 Tester Gary Pevoteaux
 Co. Rep. Dale Padgett
 Contr. Duke Drlg.
 Rig # 4
 Unit #
 Pump T. LCM 0 #/bl

SAMPLES: none
SENT TO: Caraway/Liberal

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Jellison #10-8
 LOCATION : 10-33s-19w Comanche co KS
 TICKET No. 12878 D.S.T. No. 3 DATE 07-28-000
 TOTAL TOOL TO BOTTOM OF TOP PACKERS 30
 INTERVAL TOOL
 BOTTOM PACKERS AND ANCHOR 9
 TOTAL TOOL 39
 DRILL COLLAR ANCHOR IN INTERVAL
 D.C. ANCHOR STND.Stands Single Total
 D.P. ANCHOR STND.Stands 1 Single Total 61
 TOTAL ASSEMBLY 100
 D.C. ABOVE TOOLS.Stands Single Total
 D.P. ABOVE TOOLS.Stands86 Single Total 5347
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5447
 TOTAL DEPTH 5420
 TOTAL DRILL PIPE ABOVE K.B. 27

REMARKS:
 Comments:

FLUID SAMPLER DATA

GAS----- .55 cubic ft
 OIL----- none ML.
 MUD----- 900 ML.
 WATER----- 3000 ML.
 OTHER----- cuttings
 PRESSURE----- 430 PSI
 Rw ----- .066 ohms @ 90 deg. F.
 CHLORIDES----- 94000 ppm.
 GRAVITY----- n/a deg.API

P.O. SUB
 C.O. SUB @ top of tool 5320
 S.I. TOOL Sterling 5326
 Sampler 5329
 HMV Sterling 5334
 JARS bowen 5339
 SAFETY JOINT bowen 5341
 PACKER Top 5345
 PACKER Btm. 5350
 DEPTH 5350
 1 ft. 5351
 ANCHOR
 2'perfs & sub to 5353
 Alpine rec. @ 5358
 1 std. pipe to 5414
 1' sub to 5415
 AK-1 rec. @ 5417
 BULLNOSE 5 ft. perforated 5420
 T.D.

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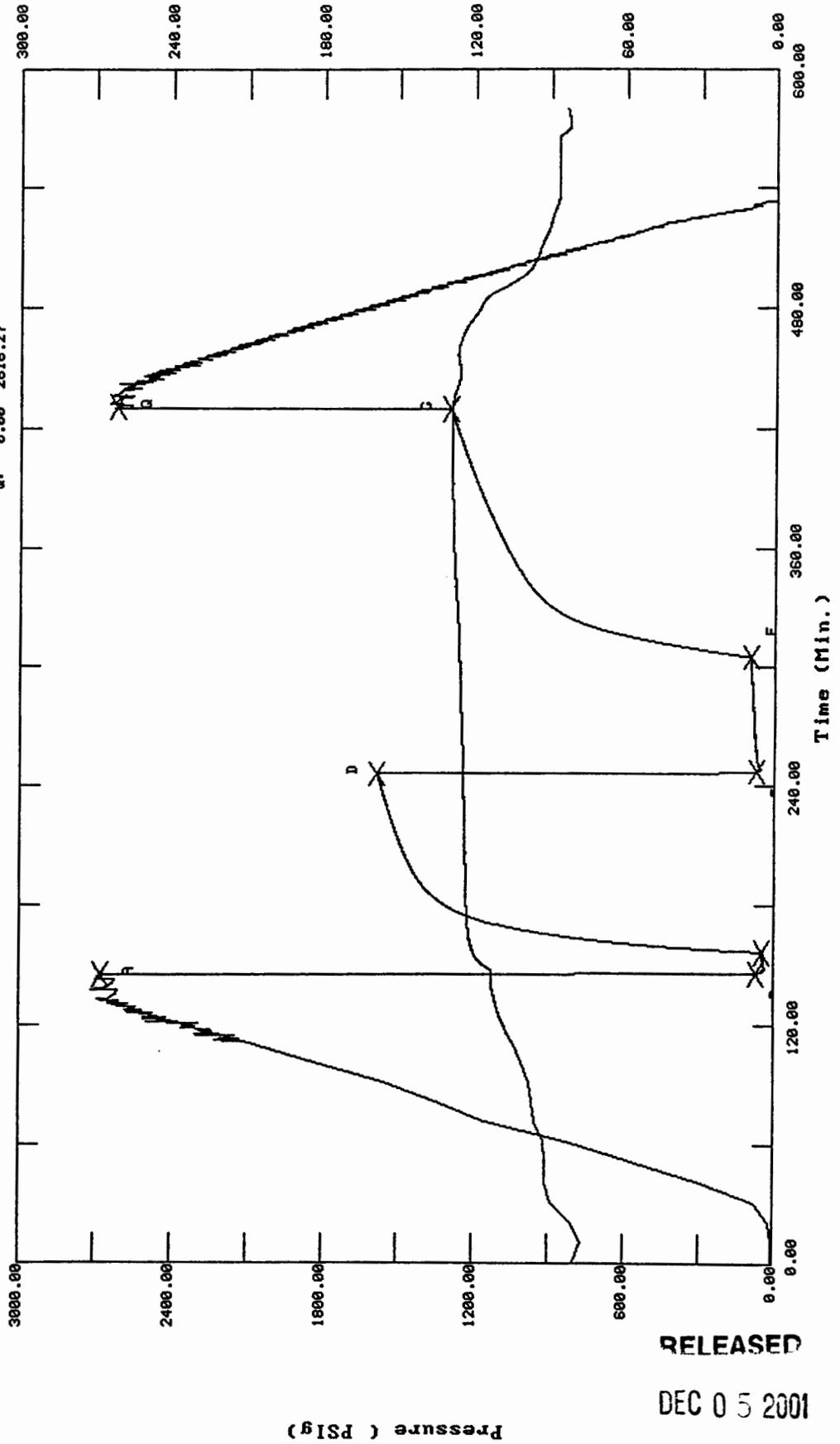
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TEST HISTORY
 12878 DST#3 JELLISON #10-8 SAMUEL GARY JR. & ASSOCIATES

Flag Points

	t (Min.)	P (PSIG)
A:	0.00	2675.36
B:	0.00	67.22
C:	10.50	44.89
D:	89.50	1582.11
E:	0.00	67.55
F:	57.75	95.92
G:	124.50	1292.82
Q:	0.00	2616.27



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Temperature (DEG F)

Pressure (PSIG)

Time (Min.)