

Well Name: Staats #2
Company: Woolsey Petroleum Corp.
Location: 11-30s-14w
Barber County Kansas
Date: 11-4-98

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Pet, Corp.

DATE 10/28/199

WELL NAME: Staats-#2

KB 1892.00 ft

TICKET NO: 11867

DST #1

LOCATION : 11-30s-14w Barber co. KS

GR 1884.00 ft

FORMATION: Lansing

INTERVAL : 4022.00 To 4040.00 ft

TD 4040.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10332	10332	2357			PF Fr. 0814 to 0844 hr
SI 60 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 0844 to 0944 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 0944 to 1044 hr
FS 240 Depth(ft)	4037.0	4037.0	4028.0	0.0	0.0	FS Fr. 1044 to 1444 hr

	Field	1	2	3	4	
A. Init Hydro	2001.0	1957.0	1927.0	0.0	0.0	T STARTED 0559 hr
B. First Flow	41.0	32.0	21.0	0.0	0.0	T ON BOTM 0811 hr
B1. Final Flow	51.0	36.0	26.0	0.0	0.0	T OPEN 0814 hr
C. In Shut-in	1286.0	1271.0	1267.0	0.0	0.0	T PULLED 1444 hr
D. Init Flow	61.0	49.0	38.0	0.0	0.0	T OUT 1630 hr
E. Final Flow	71.0	61.0	51.0	0.0	0.0	
F. Fl Shut-in	1397.0	1394.0	1391.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1998.0	1957.0	1902.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 55000.00 lbs
						Initial Str Wt 45000.00 lbs
						Unseated Str Wt 45000.00 lbs

RECOVERY

Tot Fluid 105.00 ft of 0.00 ft in DC and 105.00 ft in DP

45.00 ft of emulsified gassy oil Slight mud & water cut

0.00 ft of 2% gas 50% oil 11% water 14% mud

60.00 ft of emulsified gassy oil Mud and water cut

0.00 ft of 30% gas 34% oil 24% water 12% mud

3917.00 ft of Gas in pipe

0.00 ft of

0.00 ft of

0.00 ft of

D.P. Length 4022.00 ft

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

BLOW DESCRIPTION

Initial Flow:

Strong blow bottom of bucket in
1 1/2 mins.

Initial Shut-in:

Bled down for 10 mins. no blow back

Final Flow:

Strong blow bottom of bucket in
15 secs. gas to surface in 40 mins.

Final Shut-in:

Bled down for 20 mins. very slight
blow back

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	47.00 S/L
W.L.	8.80 in3
F.C.	0.32 in

Mud Drop N

Amt. of fill	0.00 ft
Btm. H. Temp.	114.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	

SAMPLES:

SENT TO:

Tester	Darren Amerine
Co. Rep.	Mikeal, Maune
Contr.	DUKE
Rig #	2
Unit #	n
Pump T.	

Test Successful:

From: Robert Caraway Caraway Analytical, Inc. Fax: 316-626-7108
To: Simpson, Paul Trilobite Testing, L. L. C. Fax: 1-785-625-5620

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NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 984330
Sample From: Staats #2 DST 1
Producer: Woolsey Petroleum
Date:
Time:
Sampler:
Source:

Analyzed: 11/03/98
Pressure:
Temperature:
Location: 11-30-14
County: Barber
State: Kansas
Formation: Lans B

	Mole %	GPM
Helium	He: 0.031	0.000
Hydrogen	H2: 0.003	0.000
Oxygen	O2: 1.404	0.000
Nitrogen	N2: 8.867	0.000
Carbon Dioxide	CO2: 0.172	0.000
Methane	C1: 51.155	0.000
Ethane	C2: 13.149	3.517
Propane	C3: 13.314	3.669
Iso Butane	iC4: 1.729	0.566
Normal Butane	nC4: 5.317	1.676
Iso Pentane	iC5: 1.044	0.382
Normal Pentane	nC5: 1.682	0.609
Hexanes Plus	C6+: 2.133	0.931

TOTAL: 100.000 11.349
Z Fact: 0.9937
SP. GR.: 1.0112
BTU (SAT): 1519.0 @ 14.73 psia
BTU (DRY): 1545.9 @ 14.73 psia
OCTANE RATING: 101.7

COMMENTS:

0.000

GAS RECOVERY

COMPANY: Woolsey Pet, Corp.

DATE: 10/28/199

WELL NAME: Staats-#2

KB Elev: 1892.00 ft TICKET #11867 DST #1

WELL LOCATION: 11-30s-14w Barber co. KS

GR Elev: 1884.00 ft FORMATION: Lansing

INTERVAL Fr.: 4022.00 To 4040.00 T.D.: 4040.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adj.Choke

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.19	0	6	412.0
10	0.19	0	12	584.0
15	0.19	0	19	748.0
20	0.19	0	22	855.0

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Staats-#2

LOCATION : 11-30s-14w Barber co. KS

WELL No. 11867 D.S.T. No. 1 DATE 10/28/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 18

TOTAL TOOL 46

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STAND.Stands Single Total

P. ANCHOR STAND.Stands Single Total

TOTAL ASSEMBLY

C. ABOVE TOOLS.Stands Single Total

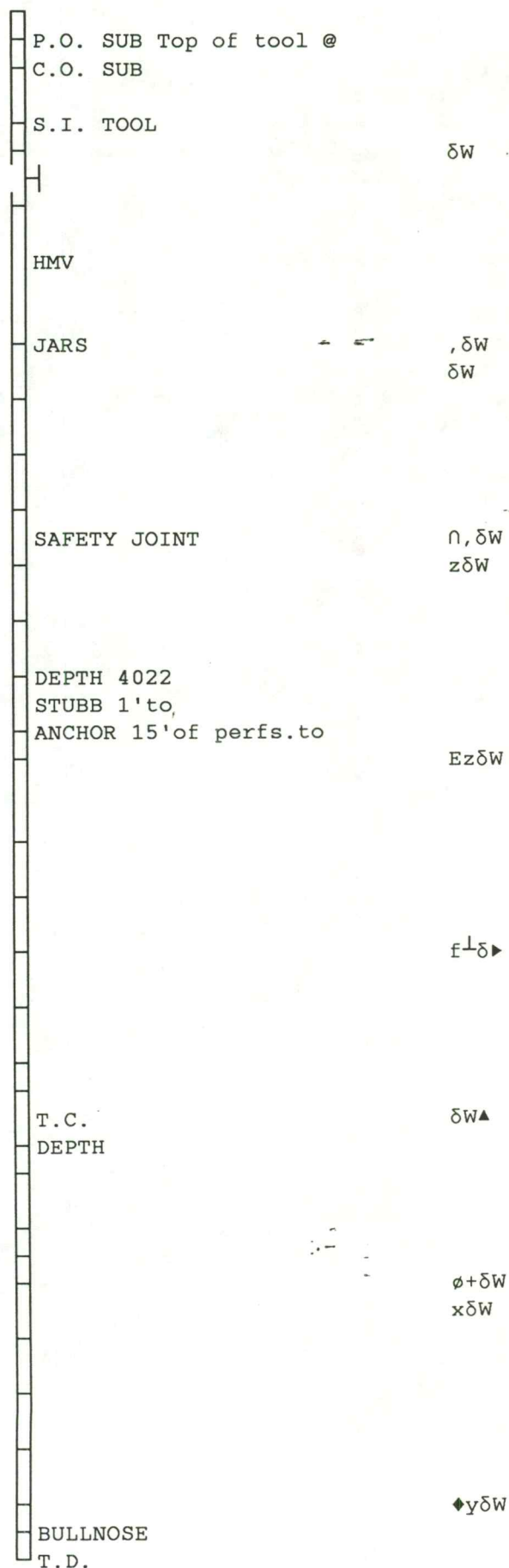
P. ABOVE TOOLS.Stands65 Single Total 4022

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4068

TOTAL DEPTH 4040

TOTAL DRILL PIPE ABOVE K.B. 28

REMARKS:



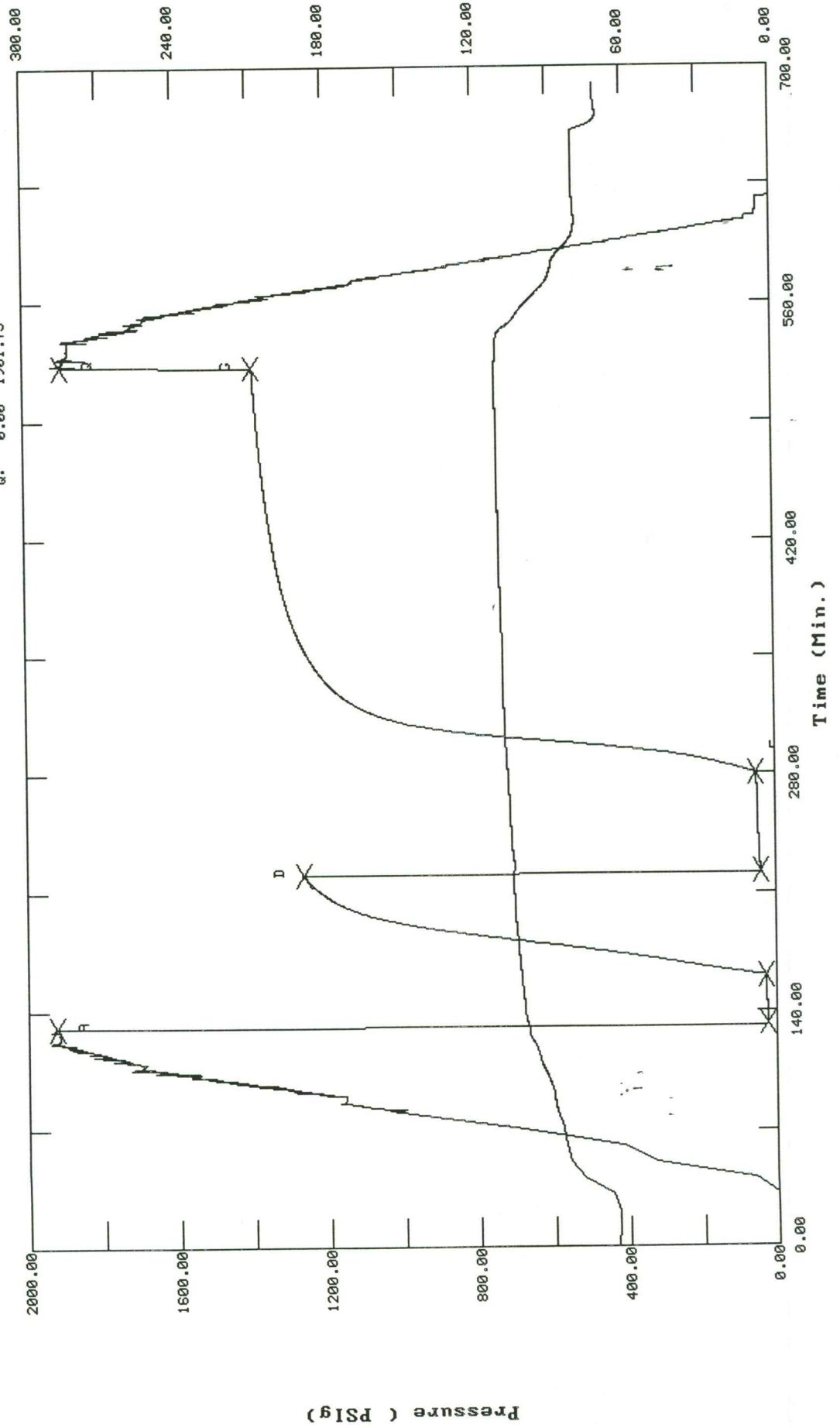
TEST HISTORY

Tk#11867 DST#1 Staats-#2 Woolsey, Pet. corp.

Flag Points

t (Min.) P (PSIg)

A: 0.00 1926.92
 B: 0.00 20.77
 C: 28.00 25.82
 D: 60.75 1265.91
 E: 0.00 38.30
 F: 58.00 50.53
 G: 241.25 1390.96
 H: 0.00 1901.73





GAS VOLUME REPORT

Woolsey Pet, Corp
OPERATOR

WELL NAME AND NO.

DST NO.

GTS 40 in Final Flow

Remarks:

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey pet, corp.
WELL NAME: Staats #2
LOCATION : 11-30s-14w Barber co. KS
INTERVAL : 4156.00 To 4180.00 ft

DATE 10/29/199
KB 1892.00 ft TICKET NO: 11868 DST #2
GR 1884.00 ft FORMATION: Lansing (G)
TD 4180.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10332	10332	2357			PF Fr. 1224 to 1254 hr
SI 60 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1254 to 1354 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 1354 to 1454 hr
FS 240 Depth(ft)	4177.0	4177.0	4162.0	0.0	0.0	FS Fr. 1454 to 1854 hr

	Field	1	2	3	4	
A. Init Hydro	2028.0	2017.0	1903.0	0.0	0.0	T STARTED 1030 hr
B. First Flow	41.0	37.0	13.0	0.0	0.0	T ON BOTM 1221 hr
B1. Final Flow	41.0	37.0	20.0	0.0	0.0	T OPEN 1224 hr
C. In Shut-in	1266.0	1261.0	1381.0	0.0	0.0	T PULLED 1854 hr
D. Init Flow	51.0	50.0	22.0	0.0	0.0	T OUT 2010 hr
E. Final Flow	51.0	50.0	35.0	0.0	0.0	
F. Fl Shut-in	1417.0	1407.0	1463.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2028.0	1999.0	1866.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 47000.00 lbs
						Unseated Str Wt 47000.00 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 4146.00 ft

RECOVERY

Tot Fluid 20.00 ft of 0.00 ft in DC and 20.00 ft in DP
20.00 ft of Slight water cut mud\Trace of oil
0.00 ft of 10% water 90% 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 40000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak blow built to 1/2" in water
Initial Shut-in:
No blow back
Final Flow:
Weak surface blow 1/8-1/4"
Final Shut-in:
No blow back

SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.10 lb/c
Vis. 45.00 S/L
W.L. 9.40 in3
F.C. 0.32 in
Mud Drop N
Amt. of fill 0.00 ft
Btm. H. Temp. 109.00 F
Hole Condition good
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00 n
Cushion Type none
Reversed Out N
Tool Chased N
Tester Darren Amerine
Co. Rep. Mikeal Maune
Contr. Duke
Rig # 2
Unit # no
Pump T. none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Staats #2

LOCATION : 11-30s-14w Barber co. KS

TICKET No. 11868 D.S.T. No. 2 DATE 10/29/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 24

TOTAL TOOL 52

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands67 Single 1 Total 4146

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4198

TOTAL DEPTH 4180

TOTAL DRILL PIPE ABOVE K.B. 18

REMARKS:

P.O. SUB top of tool @	4126
C.O. SUB	4127
S.I. TOOL	4132
HMV	4137
JARS	4142
SAFETY JOINT	4147
PACKER	4151
PACKER	4156
DEPTH 4156	
STUBB 1'to	4157
ANCHOR 21' of perfs.to	4178
Alppine rec.@4162	
T.C.	
DEPTH	
	4178
Ak-1 rec.@4177	
BULLNOSE 2'bullnose to	4180
T.D.	

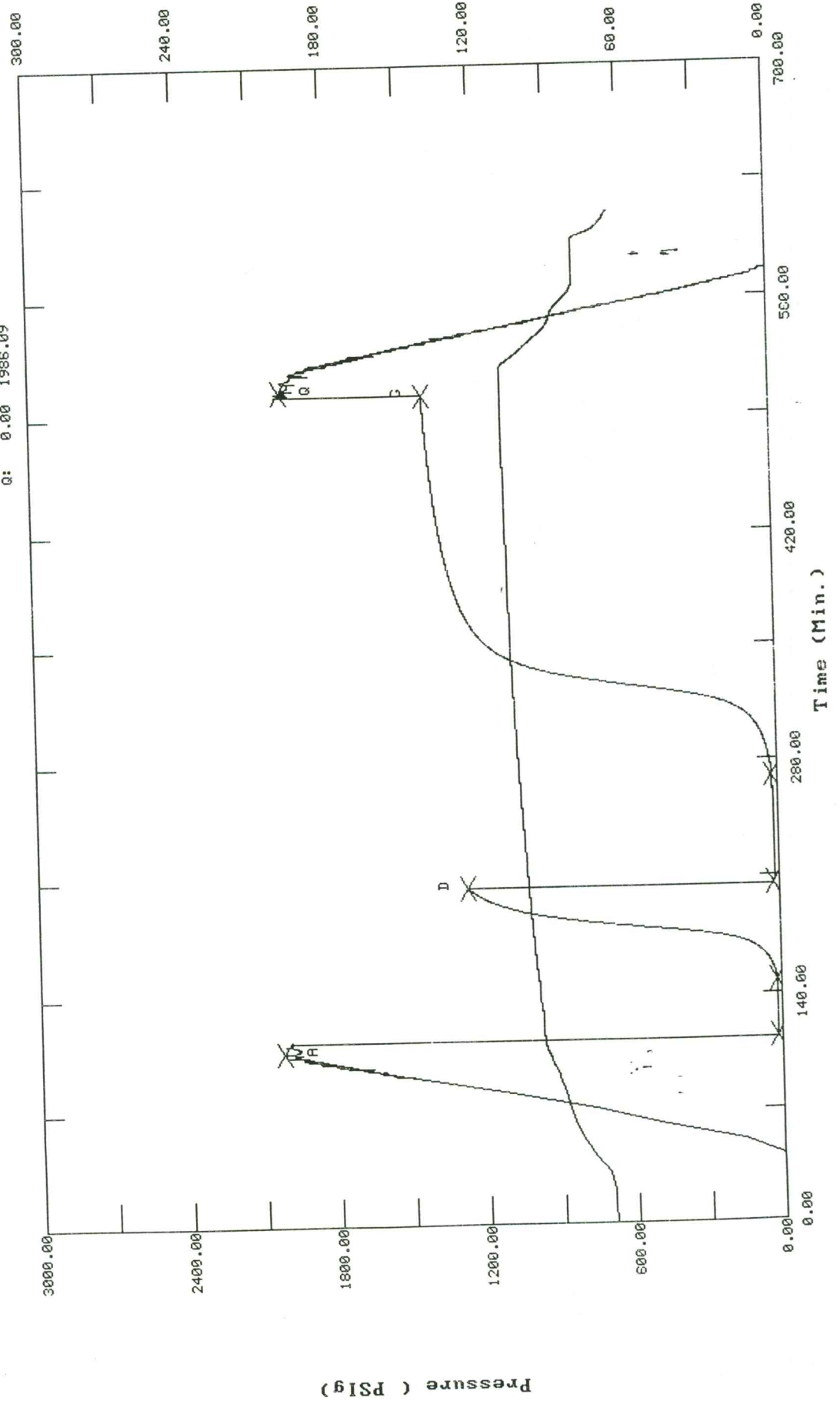
TEST HISTORY

Tk#11868 DST#2 Staats #2 Woolsey pet, corp

Flag Points

t (Min.) P (PSig)

A: 0.00 2024.94
 B: 0.00 16.05
 C: 34.00 16.41
 D: 56.75 1266.73
 E: 0.00 19.75
 F: 64.50 19.07
 G: 232.00 1411.38
 Q: 0.00 1986.09



TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey pet, corp.
WELL NAME: Staats-#2
LOCATION : 11-30s-14w Barber co. KS
INTERVAL : 4250.00 To 4275.00 ft

DATE 10/30/199
KB 1892.00 ft TICKET NO: 11869 DST #3
GR 1884.00 ft FORMATION: Lansing (J)
TD 4275.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10332	10332	2357			PF Fr. 1034 to 1104 hr
SI 60 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1104 to 1204 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 1204 to 1304 hr
FS 240 Depth(ft)	4272.0	4272.0	4256.0	0.0	0.0	FS Fr. 1304 to 1804 hr

	Field	1	2	3	4	
A. Init Hydro	2128.0	2112.0	2041.0	0.0	0.0	T STARTED 0900 hr
B. First Flow	41.0	42.0	11.0	0.0	0.0	T ON BOTM 1032 hr
B1. Final Flow	41.0	42.0	12.0	0.0	0.0	T OPEN 1034 hr
C. In Shut-in	1004.0	1010.0	998.0	0.0	0.0	T PULLED 1704 hr
D. Init Flow	41.0	42.0	12.0	0.0	0.0	T OUT 1830 hr
E. Final Flow	41.0	42.0	16.0	0.0	0.0	
F. Fl Shut-in	1347.0	1353.0	1348.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2128.0	2112.0	2051.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 80000.00 lbs
						Initial Str Wt 47000.00 lbs
						Unseated Str Wt 48000.00 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 4237.00 ft

RECOVERY

Tot Fluid 30.00 ft of 0.00 ft in DC and 30.00 ft in DP
30.00 ft of Very slight oil & gas cut mud
0.00 ft of 12%oil 12%gas 12%water 64%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 24000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Fair blow built to 11-1/2" in water

Initial Shutin:

Bled down for 5 minutes no
blow back

Final Flow:

Strong blow bottom of bucket in
30 seconds

Final Shutin:

Bled down for 15 minutes
no blow back

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type Chemical
Weight 9.10 lb/c
Vis. 45.00 S/L
W.L. 9.20 in3
F.C. 0.32 in
Mud Drop N

Amt. of fill 0.00 ft
Btm. H. Temp. 114.00 F
Hole Condition Fair
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00 n
Cushion Type none
Reversed Out N
Tool Chased N
Tester Darren Amerine
Co. Rep. Mikeal Maune
Contr. Duke
Rig # 2
Unit # no
Pump T. nome

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Staats-#2

LOCATION : 11-30s-14w Barber co. KS

TICKET No. 11869 D.S.T. No. 3 DATE 10/30/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 25

TOTAL TOOL 53

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands69 Single 1 Total 4237

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4290

TOTAL DEPTH 4275

TOTAL DRILL PIPE ABOVE K.B. 15

REMARKS:

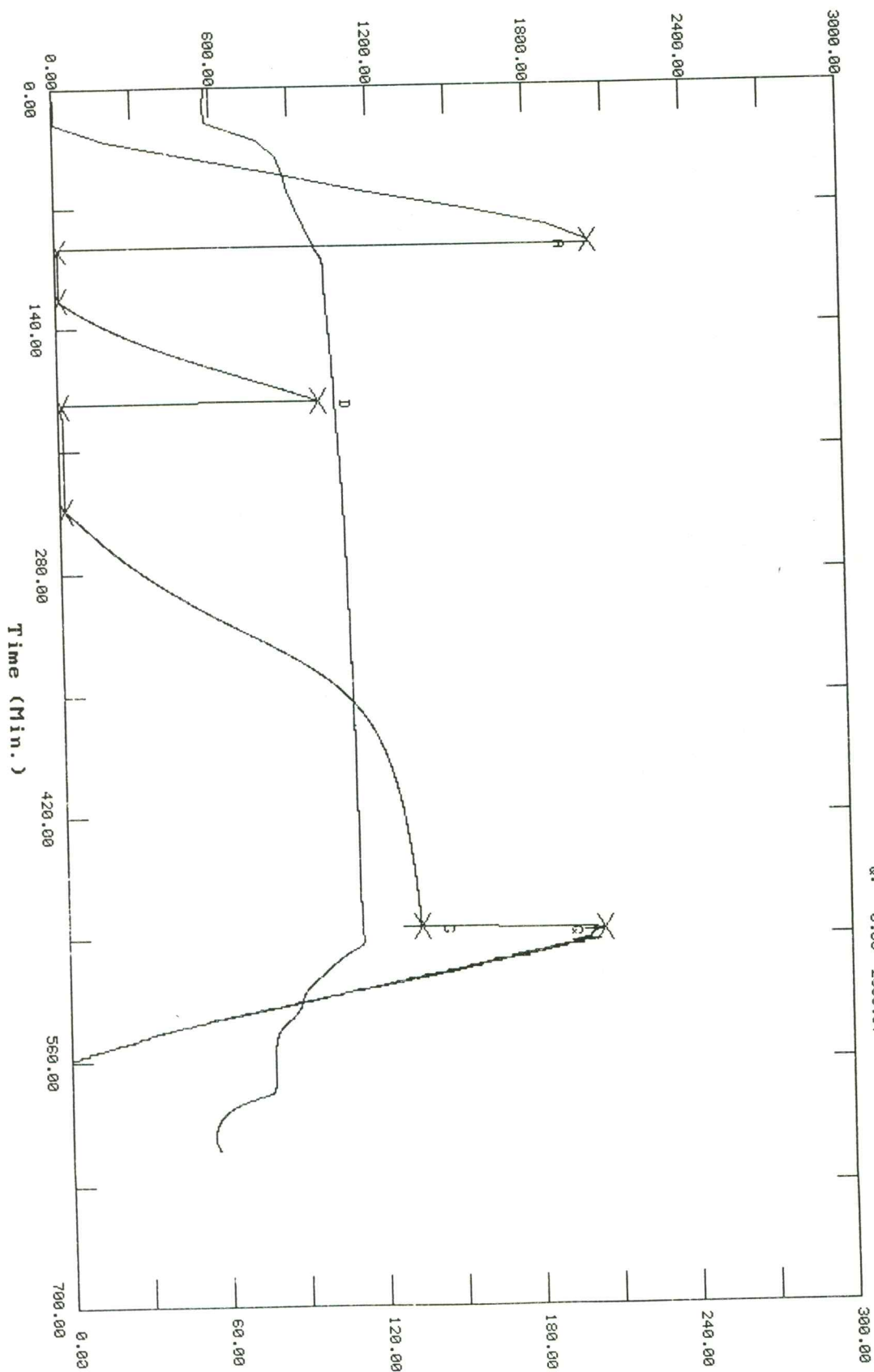
P.O. SUB top of tool @	4223
C.O. SUB	4224
S.I. TOOL	4229
HMV	4234
JARS	4239
SAFETY JOINT	4241
PACKER	4245
PACKER	4250
DEPTH 4250	
STUBB 1'to	4251
ANCHOR 22'of perfs.to	4273
Alpine rec.@4256	
T.C. DEPTH	
	4273
Ak-1 rec.@ 4272	
BULLNOSE 2'bullnose to T.D.	4275

TEST HISTORY

Tk#11869 DST#3 Stats-#2 Woolsey pet, corp.

Flag Points

t (Min.)	P (PSig)
R: 0.00	2041.40
B: 0.00	10.68
C: 29.00	11.72
D: 59.75	997.68
E: 0.00	12.48
F: 59.25	16.13
G: 239.75	1347.94
Q: 0.00	2050.87



Pressure (PSig)

Temperature (DEG F)

Time (Min.)

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey pet, corp.
WELL NAME: Staats-#2
LOCATION : 11-30s-14w Barber co. KS
INTERVAL : 4406.00 To 4461.00 ft

DATE 10/31/199
KB 1892.00 ft TICKET NO: 11870 DST #4
GR 1884.00 ft FORMATION: Mississippi
TD 4461.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10332	10332	2357			PF Fr. 1420 to 1450 hr
SI 60 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1450 to 1550 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 1550 to 1650 hr
FS 240 Depth(ft)	4458.0	4458.0	4446.0	0.0	0.0	FS Fr. 1650 to 2050 hr

	Field	1	2	3	4	
A. Init Hydro	2303.0	2178.0	2163.0	0.0	0.0	T STARTED 1248 hr
B. First Flow	32.0	22.0	28.0	0.0	0.0	T ON BOTM 1418 hr
B1. Final Flow	32.0	22.0	28.0	0.0	0.0	T OPEN 1420 hr
C. In Shut-in	949.0	892.0	921.0	0.0	0.0	T PULLED 2050 hr
D. Init Flow	64.0	46.0	33.0	0.0	0.0	T OUT 2220 hr
E. Final Flow	53.0	46.0	30.0	0.0	0.0	
F. Fl Shut-in	1236.0	1187.0	1180.0	0.0	0.0	
G. Final Hydro	2324.0	2178.0	2167.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	75000.00 lbs
Initial Str Wt	48000.00 lbs
Unseated Str Wt	48000.00 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	4394.00 ft

RECOVERY

Tot Fluid 40.00 ft of 0.00 ft in DC and 40.00 ft in DP
40.00 ft of Drilling mud
4354.00 ft of Gas in pipe
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:
Strong blow bottom of bucket in
1 1/2 mins.
Initial Shut-in:
Bled down for 20 mins. no blow back
Final Flow:
Strong blow bottom of bucket in
15 secs. Gas to surface in 50 mins.
Final Shut-in:
Bled down for 20 mins. no blow back

SAMPLES:
SENT TO:

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	47.00 S/L
W.L.	9.40 in3
F.C.	0.32 in
Mud Drop N	
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 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren Amerine
Co. Rep.	Mikeal Maune
Contr.	Duke
Rig #	2
Unit #	no
Pump T.	none

From: Robert Caraway Caraway Analytical, Inc. Fax: 316-626-7108
To: Simpson, Paul Trilobite Testing, L. L. C. Fax: 1-785-625-5620

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NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 984331
Sample From: Staats #2 DST 4
Producer: Woolsey Petroleum
Date:
Time:
Sampler:
Source:

Analyzed: 11/03/98
Pressure:
Temperature:
Location: 11-30-14
County: Barber
State: Kansas
Formation: Miss

	Mole %	GPM
Helium	He: 0.828	0.000
Hydrogen	H2: 0.031	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 7.857	0.000
Carbon Dioxide	CO2: 0.030	0.000
Methane	C1: 76.213	0.000
Ethane	C2: 7.794	2.085
Propane	C3: 3.693	1.018
Iso Butane	iC4: 0.419	0.137
Normal Butane	nC4: 1.370	0.432
Iso Pentane	iC5: 0.283	0.104
Normal Pentane	nC5: 0.514	0.186
Hexanes Plus	C6+: 0.968	0.422

TOTAL: 100.000 4.383
Z Fact: 0.9970
SP. GR.: 0.7263
BTU (SAT): 1126.7 @ 14.73 psia
BTU (DRY): 1146.6 @ 14.73 psia
OCTANE RATING: 113.0

COMMENTS:

0.000

GAS RECOVERY

COMPANY: Woolsey pet, corp.

DATE: 10/31/199

WELL NAME: Staats-#2

KB Elev: 1892.00 ft TICKET #11870 DST #4

WELL LOCATION: 11-30s-14w Barber co. KS

GR Elev: 1884.00 ft FORMATION: Mississippi

INTERVAL Fr.: 4406.00 To 4461.00 T.D.: 4461.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adj.choke

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
50	0.25	0	30	9200.0
55	0.25	0	6	4120.0
60	0.12	0	6	1290.0

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Staats-#2

LOCATION : 11-30s-14w Barber co. KS

TICKET No. 11870 D.S.T. No. 4 DATE 10/31/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 25

TOTAL TOOL 53

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

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

TOTAL ASSEMBLY 83

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands72 Single Total 4394

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4477

TOTAL DEPTH 4461

TOTAL DRILL PIPE ABOVE K.B. 16

REMARKS:

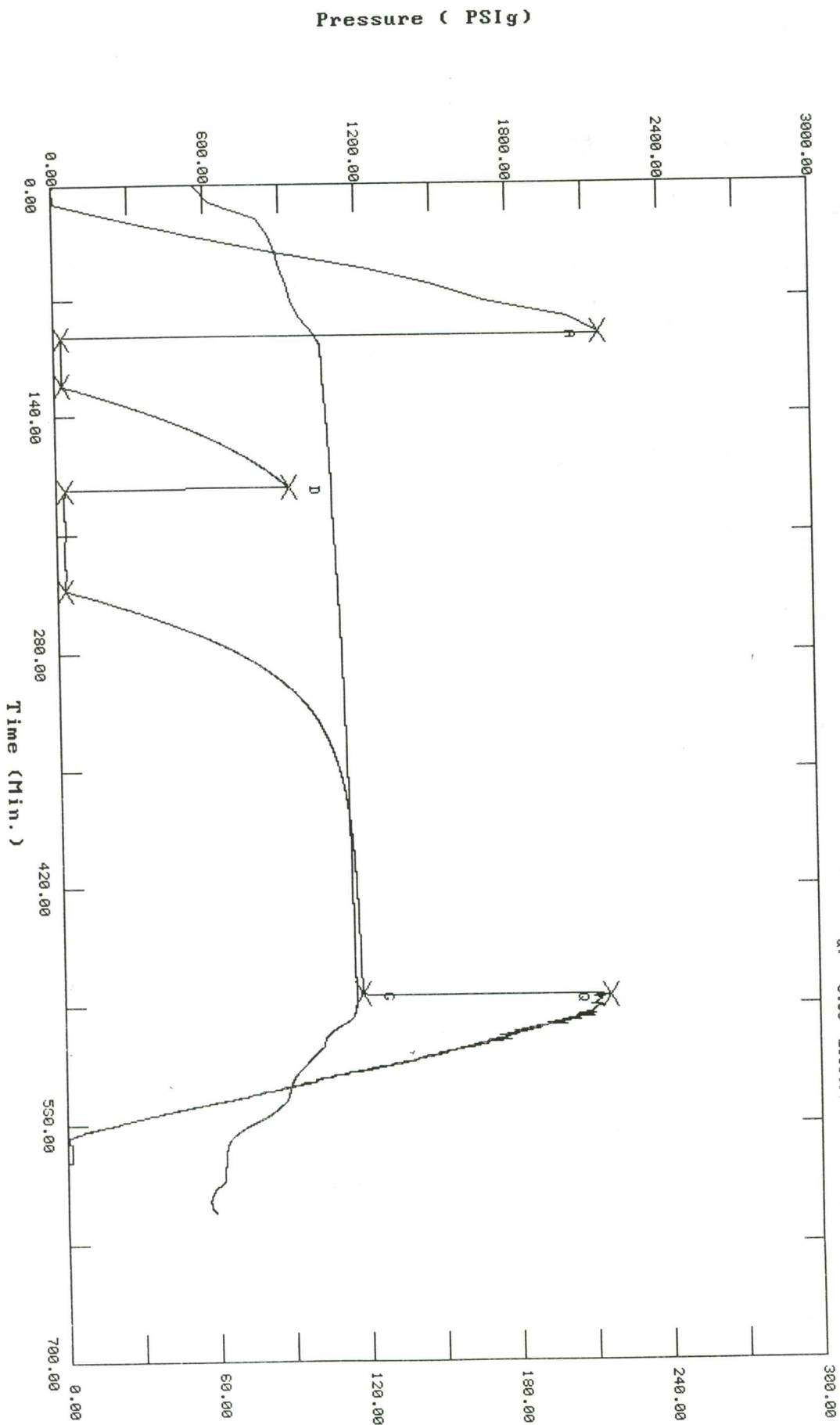
P.O. SUB Top of tool @	4379
C.O. SUB	4380
S.I. TOOL	4385
HMV	4390
JARS	4395
SAFETY JOINT	4397
PACKER	4401
PACKER	4406
DEPTH 4406	
STUBB 1'to	4407
ANCHOR 5'of perms.to	4412
30'jt.drillpipe to	4442
	4442
	4442
T.C.	
DEPTH	
	4442
17'of perms.to	4459
Alpine rec.@ 4446	
ak-1 rec.@ 4458	
BULLNOSE 2'bullnose to	4461
T.D.	

TK#11870 DST#4 Stats-#2 Woolsey Pet, corp.

TEST HISTORY

Flag Points
t(Min.) P(PSig)

A:	0.00	2162.79
B:	0.00	28.18
C:	28.75	27.76
D:	61.25	921.34
E:	0.00	32.57
F:	58.75	30.29
G:	240.50	1180.15
Q:	0.00	2166.97





GAS VOLUME REPORT

Woolsey Pet Corp
OPERATOR

Staats-#2

WELL NAME AND NO.

4
DST NO.

2nd Flow Period,

Miss.
Formatio

[illegible]

Remarks:

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey pet, corp.

DATE 11/01/199

WELL NAME: Staats-#2

KB 1892.00 ft

TICKET NO: 11871

DST #5

LOCATION : 11-30s-14w Barber co. KS

GR 1884.00 ft

FORMATION: Viola

INTERVAL : 4590.00 To 4630.00 ft

TD 4630.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10332	10332	2357			PF Fr. 2058 to 2128 hr
SI 60 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 2128 to 2228 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 2228 to 2328 hr
FS 240 Depth(ft)	4627.0	4627.0	4602.0	0.0	0.0	FS Fr. 2328 to 0328 hr

	Field	1	2	3	4	
A. Init Hydro	2278.0	2266.0	2264.0	0.0	0.0	T STARTED 1840 hr
B. First Flow	51.0	59.0	25.0	0.0	0.0	T ON BOTM 2055 hr
B1. Final Flow	101.0	114.0	92.0	0.0	0.0	T OPEN 2058 hr
C. In Shut-in	1498.0	1510.0	1504.0	0.0	0.0	T PULLED 0328 hr
D. Init Flow	162.0	176.0	103.0	0.0	0.0	T OUT 0445 hr
E. Final Flow	263.0	264.0	220.0	0.0	0.0	
F. Fl Shut-in	1518.0	1538.0	1517.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2278.0	2214.0	2203.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 65000.00 lbs
						Initial Str Wt 50000.00 lbs
						Unseated Str Wt 52000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 225.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4619.00 ft

RECOVERY

Tot Fluid 750.00 ft of 0.00 ft in DC and 750.00 ft in DP
 120.00 ft of Slightgassy water mud 12%gas 63%water 25%mud
 580.00 ft of Water 97%water 3%mud
 50.00 ft of Slight gassy mud ctu water
 0.00 ft of 9% gas 96% water 22% mud
 120.00 ft of Gas in pipe
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 30000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Fair blow bottom of bucket in 23 mins
 Initial Shut-in:
 Bled down for
 Final Flow:
 Fair blow bottom of bucket in 27 mins
 Final Shut-in:
 Bled down for 20 mins. no blow back

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	47.00 S/L
W.L.	9.00 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	123.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren Amerine
Co. Rep.	Mikeal
Contr.	Duke
Rig #	2
Unit #	no
Pump T.	none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Staats-#2

LOCATION : 11-30s-14w Barber co. KS

TICKET No. 11871 D.S.T. No. 5 DATE 11/01/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 10

TOTAL TOOL 38

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

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

TOTAL ASSEMBLY 68

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands75 Single Total 4619

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4647

TOTAL DEPTH 4630

TOTAL DRILL PIPE ABOVE K.B. 17

REMARKS:

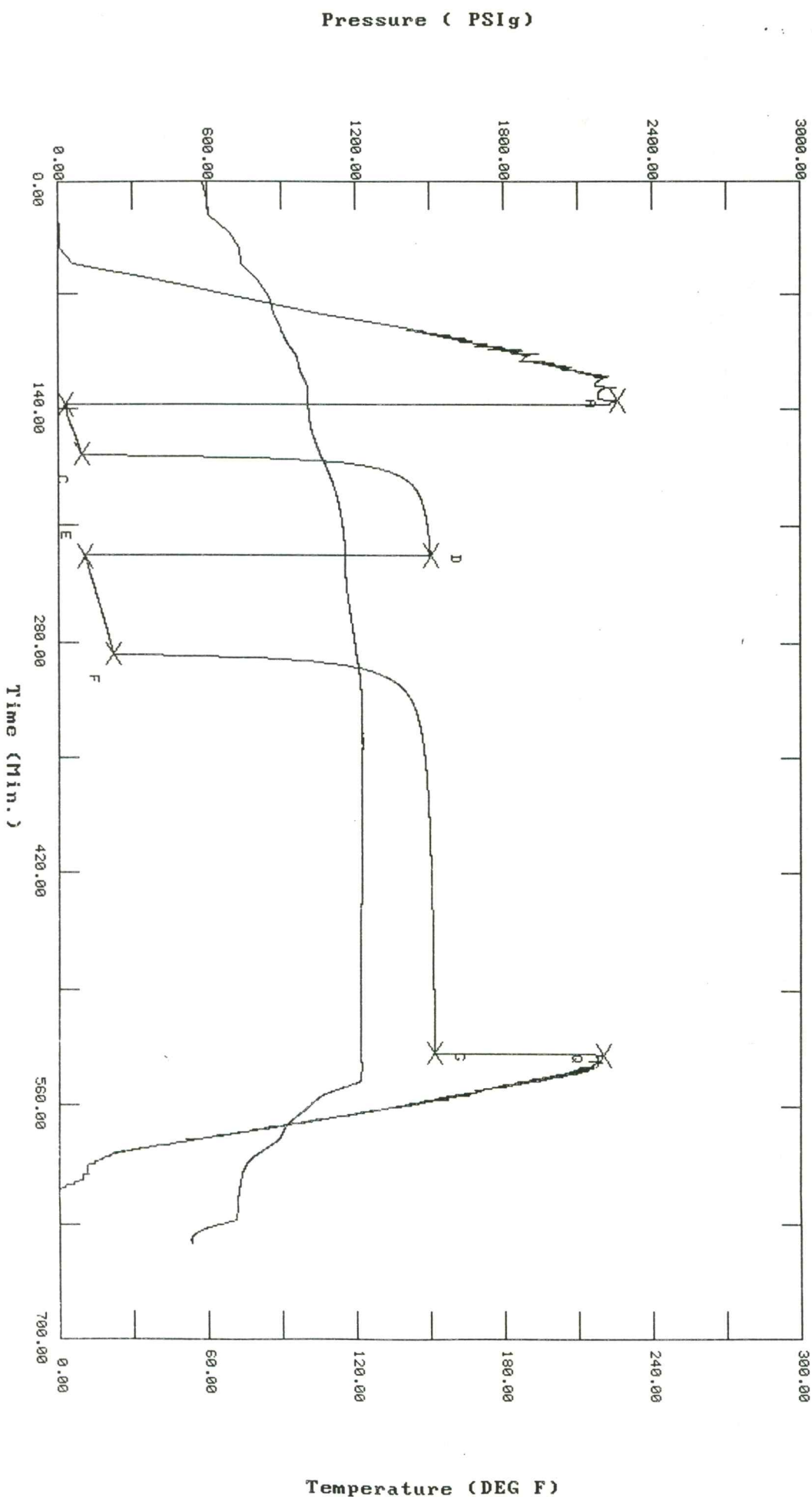
P.O. SUB Top of tool @	4563
C.O. SUB	4564
S.I. TOOL	4569
HMV	4574
JARS	4579
SAFETY JOINT	4581
PACKER	4585
PACKER	4590
DEPTH 4590	
STUBB 1'to	4591
ANCHOR 5'of perms.to	4596
30'jt.Drillpipe	4626
Alpine rec.@4602	
	4626
T.C.	
DEPTH	
	4626
	4626
Ak-1 rec.@ 4627	
BULLNOSE 4' bullnose to	4630
T.D.	

TK#11871 DST#5 Staats-#2 Woolsey pet, corp.

TEST HISTORY

Flag Points

t (Min.)	P (PSig)
A: 0.00	2264.24
B: 0.00	25.00
C: 29.75	92.25
D: 60.75	1503.73
E: 0.00	103.02
F: 58.50	220.16
G: 240.75	1517.29
H: 0.00	2202.68



TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey pet, corp

DATE 11/02/199

WELL NAME: Staats-#2

KB 1892.00 ft

TICKET NO: 11872 DST #6

LOCATION : 11-30s-14w Barber co. KS

GR 1884.00 ft

FORMATION: Simpson sd.

INTERVAL : 4635.00 To 4662.00 ft

TD 4662.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10332	10332	2357			PF Fr. 1704 to 1734 hr
SI 60 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1734 to 1834 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 1834 to 1934 hr
FS 240 Depth(ft)	4659.0	4659.0	4640.0	0.0	0.0	FS Fr. 1934 to 2334 hr

	Field	1	2	3	4	
A. Init Hydro	2278.0	2262.0	2263.0	0.0	0.0	T STARTED 1434 hr
B. First Flow	81.0	83.0	49.0	0.0	0.0	T ON BOTM 1702 hr
Bl. Final Flow	202.0	211.0	202.0	0.0	0.0	T OPEN 1704 hr
C. In Shut-in	1407.0	1403.0	1397.0	0.0	0.0	T PULLED 2334 hr
D. Init Flow	253.0	270.0	220.0	0.0	0.0	T OUT 0115 hr
E. Final Flow	506.0	514.0	496.0	0.0	0.0	
F. Fl Shut-in	1397.0	1390.0	1408.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2278.0	2262.0	2235.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 50000.00 lbs
						Unseated Str Wt 56000.00 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 4637.00 ft

RECOVERY

Tot Fluid 1138.00 ft of 0.00 ft in DC and 1138.00 ft in DP
 1662.00 ft of Gas in pipe
 240.00 ft of Slight gas and oil cut water mud
 0.00 ft of 10% gas 15% oil 35% water 40% mud
 858.00 ft of Slight oil and mud cut water
 0.00 ft of 5% oil 90% water 5% mud
 40.00 ft of Slight gas and oil cut muddy water
 0.00 ft of 10% gas 5% oil 50% water 35% mud
 0.00 ft of
 SALINITY 140000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Fair blow built to strong blow bottom
 of bucket in 1 min.
 Initial Shut-in:
 Bled down for 5 mins. blow back to 6"
 Final Flow:
 Strong blow bottom of bucket in 5 min
 Final Shut-in:
 Bled down for 5 mins. built back to
 1/2" blow back

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	44.00 S/L
W.L.	9.40 in3
F.C.	0.32 in
Mud Drop N	

Amt. of fill	0.00 ft
Btm. H. Temp.	127.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren Amerine
Co. Rep.	Mikeal
Contr.	Duke
Rig #	2
Unit #	none
Pump T.	no

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Staats-#2

LOCATION : 11-30s-14w Barber co. KS

TICKET No. 11872 D.S.T. No. 6 DATE 11/02/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 27

TOTAL TOOL 55

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands75 Single Total 4637

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4692

TOTAL DEPTH 4662

TOTAL DRILL PIPE ABOVE K.B. 30

REMARKS:

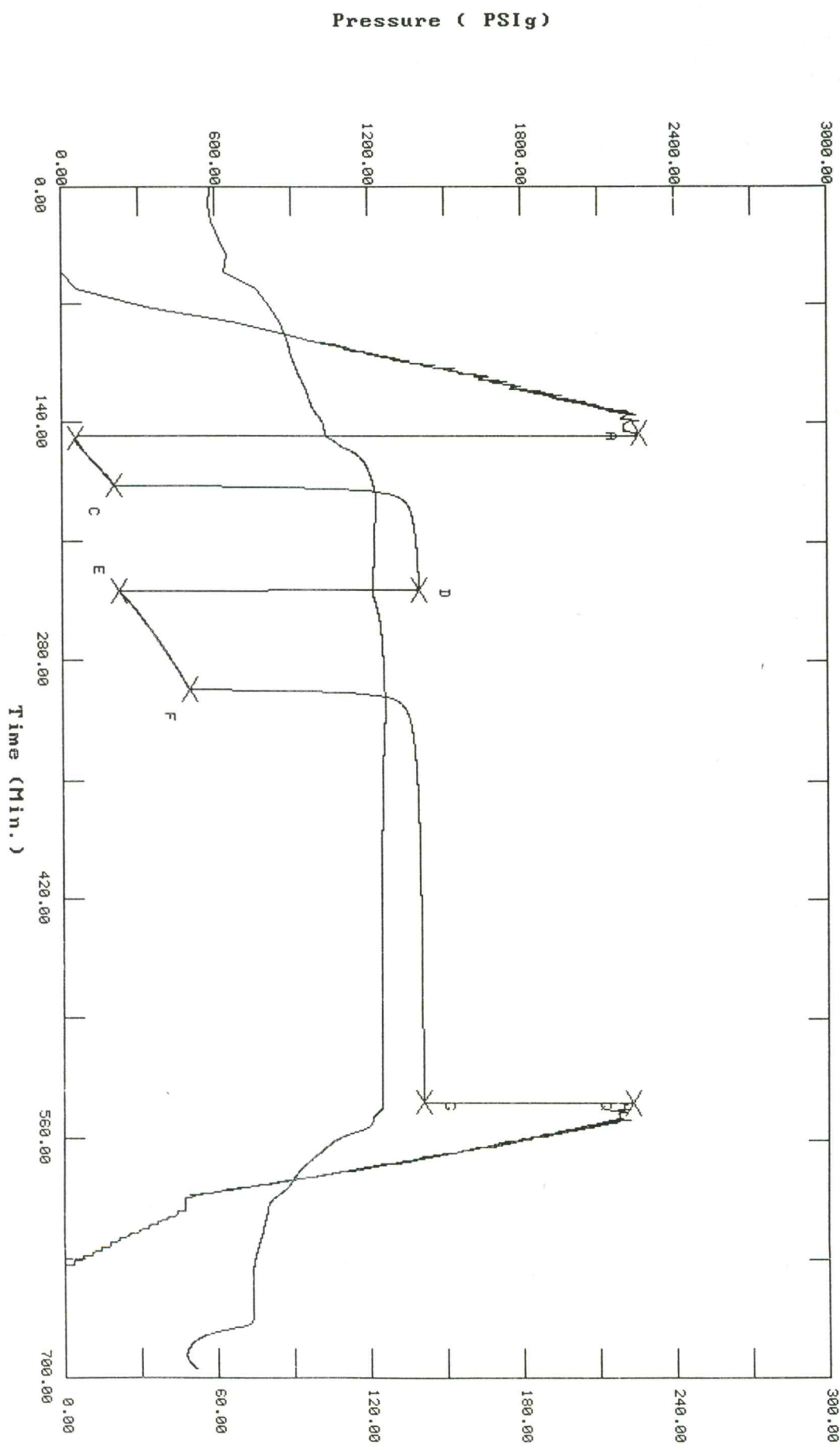
P.O. SUB top of tool @	4628
C.O. SUB	4629
S.I. TOOL	4634
HMV	4639
JARS	4644
SAFETY JOINT	4629
PACKER	4631
PACKER	4635
DEPTH 4635	
STUBB 1'to	4636
ANCHOR 5'ofperfs to	4641
alpine 'rec.@ 4640	
T.C.	
DEPTH	
19'of perfs.to	4641
	4660
Ak-1 rec.@4659	
BULLNOSE 2'bullnose to	4662
T.D.	

TEST HISTORY

TK#11872 DST#6 Stats-#2 Woolsey pet, corp

Flag Points

t (Min.)	P (PSig)
A: 0.00	2262.96
B: 0.00	48.97
C: 27.50	201.86
D: 61.75	1397.36
E: 0.00	219.72
F: 57.75	495.16
G: 241.50	1407.84
H: 0.00	2234.84



Temperature (DEG F)