

WELL NAME:

Keating Stephens #~~A-1~~ A-5

COMPANY:

Anadarko Petroleum Inc.

LOCATION:

2-34s-34w

Seward County, Kansas

DATE:

9/28/98

TRILOBITE TESTING L.L.C.

OPERATOR : Anadarko Pet. Inc.

DATE 9-23-98

WELL NAME: Keating Stephens #A-5

KB 2911.00 ft

TICKET NO: 10936 DST #1

LOCATION : 2-34S-34W Seward co. KS

GR 2898.00 ft

FORMATION: Basil Chester

INTERVAL : 6256.00 To 6324.00 ft

TD 6324.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10993	10993	3227			PF Fr. 1312 to 1342 hr
SI 60 Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 1342 to 1442 hr
SF 60 Clock(hrs)	12HR.	12HR.	Elet.			SF Fr. 1442 to 1542 hr
FS 120 Depth(ft)	6321.0	6321.0	6259.0	0.0	0.0	FS Fr. 1542 to 1742 hr

	Field	1	2	3	4	
A. Init Hydro	3396.0	363.0	3190.0	0.0	0.0	T STARTED 1115 hr
B. First Flow	119.0	137.0	45.0	0.0	0.0	T ON BOTM 1310 hr
B1. Final Flow	130.0	137.0	48.0	0.0	0.0	T OPEN 1312 hr
C. In Shut-in	271.0	292.0	232.0	0.0	0.0	T PULLED 1742 hr
D. Init Flow	130.0	147.0	39.0	0.0	0.0	T OUT 2000 hr
E. Final Flow	141.0	141.0	56.0	0.0	0.0	
F. Fl Shut-in	315.0	326.0	288.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	3163.0	3189.0	2942.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 180000.00 lbs
						Initial Str Wt 114000.00 lbs
						Unseated Str Wt 118000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 632.00 ft
						D.P. Length 5647.00 ft

RECOVERY

Tot Fluid 30.00 ft of 30.00 ft in DC and 0.00 ft in DP
 30.00 ft of 100% 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 Flow:
 Slow building blow built to
 5 1/2"

Initial Shutin:

No blow back

Final Flow:

Slow building blow built to
 5 1/2" through

Final Shutin:

No blow back

SAMPLES: NO

SENT TO:

MUD DATA-----

Mud Type Chemical
 Weight 9.20 lb/cf
 Vis. 57.00 S/L
 W.L. 8.00 in3
 F.C. 0.00 in
 Mud Drop Y 150.0 ft

Amt. of fill 0.00 ft
 Btm. H. Temp. 133.00 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 Mike Colantonio
 Co. Rep. Curtis Covey
 Contr. Cheyenne
 Rig # 12
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

ELL NAME: Keating Stephens #A-5

LOCATION : 2-34S-34W

TICKET No. 10936 D.S.T. No. 1 DATE 9-23-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

TOTAL PACKERS AND ANCHOR 39

TOTAL TOOL 69

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STAND.Stands Single Total

P. ANCHOR STAND.Stands Single 1 Total 29

TOTAL ASSEMBLY

C. ABOVE TOOLS.Stands7 Single Total 632

P. ABOVE TOOLS.Stands60 Single 1 Total 5618

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 6348

TOTAL DEPTH 6324

TOTAL DRILL PIPE ABOVE K.B. 24

REMARKS:

SAMPLER DATA

1000ml Mud

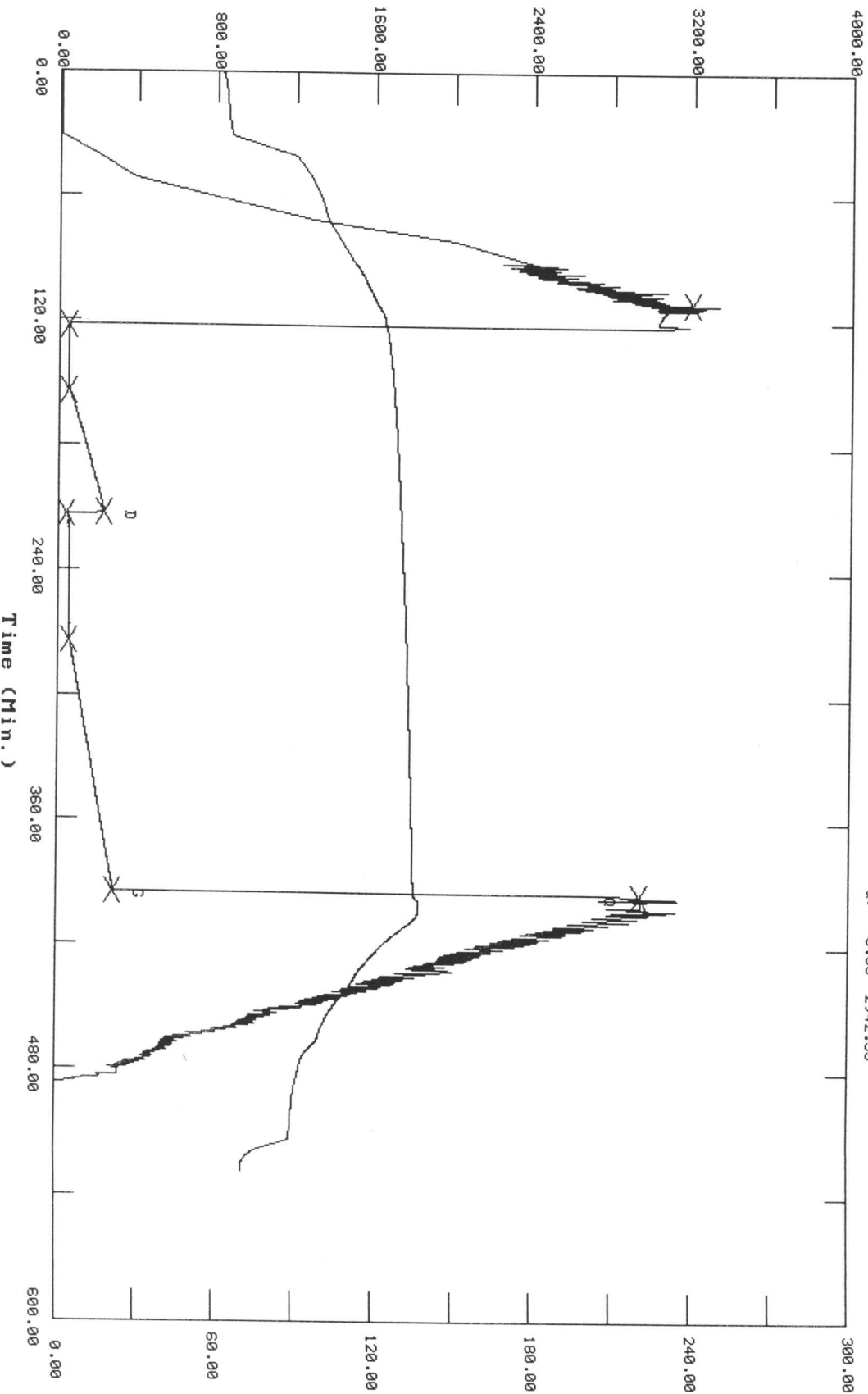
50 PSI.

1000ml total

	P.O. SUB top tool	6229
	C.O. SUB 1ft	6230
	S.I. TOOL Sterling	6231
	3ft sampler	6234
	HMV Sterling	6239
	JARS Sterling	6244
	SAFETY JOINT Bowens	6246
	PACKER 5ft	6251
	PACKER 5ft	6256
	DEPTH	
	STUBB 1ft	6257
	ANCHOR	
	2ft Perf	6259
	Alpine rec.	6259
	5ft P.U. Sub	6264
	T.C.	
	DEPTH	
	25ft Perf	6289
	31ft pipe Subs	6320
	AK-1 Rec.	6321
	BULLNOSE	
	T.D. 4ft Bullplug	6324

TEST HISTORY

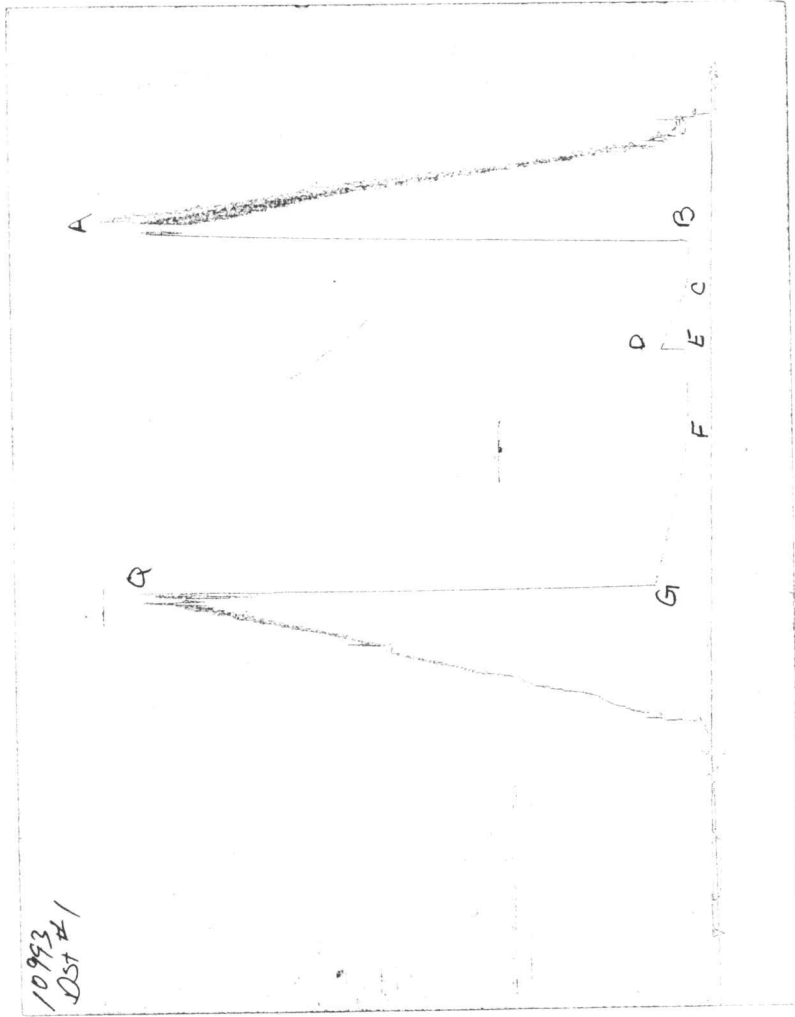
10936 DST #1 Keating Stephens #A-5 Anadarko Pet.



Flag Points

t (Min.)	P (PSig)
A:	0.00 3190.30
B:	0.00 45.53
C:	31.25 48.49
D:	58.75 232.24
E:	0.00 39.68
F:	61.00 56.38
G:	120.00 288.78
H:	0.00 2942.55

CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 10936 Date 9-23-98
Company Name Anadarko fct.
Lease Kenting Stephens #A-5 Test No. Q4 #1
County Seward Sec. 2 Twp. 34S Rng. 34W

SAMPLER RECOVERY

Gas _____ ML
Oil _____ ML
Mud 4000 ML
Water _____ ML
Other _____ ML
Pressure 125 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 400 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 57
Mud Weight 9.2
Filtrate 8.0
Other _____

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 10936

Well Name & No. <u>Heating Stephens #A-5</u>	Test No. <u>41</u>	Date <u>9-23-98</u>
Company <u>Anadarko Pet. Inc.</u>	Zone Tested <u>Base/ Chester</u>	
Address <u>Liberal KS.</u>	Elevation <u>2911</u> KB <u>2898</u> GL	
Co. Rep / Geo. <u>Curtis Covey</u>	Cont. <u>Cherokee Ky #12</u>	Est. Ft. of Pay <u>35</u> Por. <u>16</u> %
Location: Sec. <u>2</u> Twp. <u>34S</u> Rge. <u>34W</u>	Co. <u>Seward</u> State <u>KS.</u>	
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____
	Evaluation (Y, N) _____	

Interval Tested <u>6256 - 6324</u>	Initial Str Wt./Lbs. <u>114,000</u>	Unseated Str Wt./Lbs. <u>118,000</u>
Anchor Length <u>68'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>180,000</u>
Top Packer Depth <u>6251</u>	Tool Weight <u>1,800</u>	
Bottom Packer Depth <u>6256</u>	Hole Size — <u>7 7/8"</u> <u>X</u>	Rubber Size — <u>6 3/4"</u> <u>X</u> <u>60 sacks</u>
Total Depth <u>6324</u>	Wt. Pipe Run _____	Drill Collar Run <u>5647</u> <u>25 yds</u>
Mud Wt. <u>92</u> LCM <u>4"</u> Vis. <u>57</u> WL <u>80</u>	Drill Pipe Size <u>45x-0</u>	Ft. Run <u>632</u> <u>7 yds</u>

Blow Description Slow building blow built to 5 1/2"
ISI NO Blow Back
2nd opening Slow building blow built to 5 1/2" Throught.
ESI NO Blow Back

Recovery — Total Feet <u>30</u>	GIP _____	Ft. in DC <u>30</u>	Ft. in DP _____
Rec. <u>30'</u>	Feet Of <u>Dily mud</u>	%gas _____	%oil _____
Rec. _____	Feet Of _____	%water <u>100%</u>	%mud _____
Rec. _____	Feet Of _____	%gas _____	%oil _____
Rec. _____	Feet Of _____	%water _____	%mud _____
Rec. _____	Feet Of _____	%gas _____	%oil _____
Rec. _____	Feet Of _____	%water _____	%mud _____
BHT <u>133</u>	°F Gravity _____	°API D@ _____	°F Corrected Gravity _____
°API _____			

RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides <u>1,000</u> ppm	System _____
(A) Initial Hydrostatic Mud <u>3190</u>	<u>3326</u> PSI	Recorder No. <u>3227</u>	T-Started <u>11:15pm.</u>	
(B) First Initial Flow Pressure <u>45</u>	<u>119</u> PSI	(depth) <u>6259</u>	T-Open <u>1:12pm</u>	
(C) First Final Flow Pressure <u>48</u>	<u>130</u> PSI	Recorder No. <u>10993</u>	T-Pulled <u>5:42pm</u>	
(D) Initial Shut-in Pressure <u>232</u>	<u>271</u> PSI	(depth) <u>6321</u>	T-Out <u>8:00pm</u>	
(E) Second Initial Flow Pressure <u>39</u>	<u>130</u> PSI	Recorder No. _____		
(F) Second Final Flow Pressure <u>56</u>	<u>141</u> PSI	(depth) _____		
(G) Final Shut-in Pressure <u>288</u>	<u>315</u> PSI	Initial Opening <u>30min</u>	Test <u>✓ Conversion 1900</u>	
(H) Final Hydrostatic Mud <u>2942</u>	<u>3163</u> PSI	Initial Shut-in <u>60min</u>	Jars <u>✓ 200</u>	

Alpine

API

Final Flow <u>60min</u>	Safety Joint <u>✓ 50</u>
Final Shut-in <u>120min</u>	Straddle _____
	Circ. Sub <u>✓ N/A</u>
	Sampler _____
	Extra Packer <u>✓ 2 State Packer</u>
	Elect. Rec. <u>✓ 150</u>
	Other <u>M. K. 56 56.01</u>

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Approved By

Curtis Covey

but not