

ORIGINAL

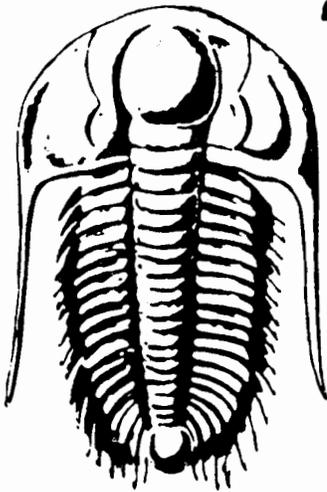
WELL NAME: R.E. Adams "1-12"
COMPANY: Raydon Exploration Inc.
LOCATION: 12-35s-31w
Seward co KS
DATE: 4/25/00



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STATE CORPORATION COMMISSION

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CONSERVATION DIVISION
Wichita, Kansas



**TRILOBITE
TESTING, L.L.C.**

RELEASED
JUN 15 2001
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TEST REPORT

TRILOBITE TESTING L.L.C.

OPERATOR : Raydon Exploration Inc. DATE 4-12-00
 WELL NAME: R. E. Adams 1-12 KB 0.00 ft TICKET NO: 12576 DST #1
 LOCATION : 12-35s-31w Seward co KS GR 0.00 ft FORMATION: Marmaton
 INTERVAL : 5290.00 To 5321.00 ft TD 5321.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13252	13252	3026			PF Fr. 0400 to 0430 hr
SI 60 Range(Psi)	4550.0	4550.0	4995.0	0.0	0.0	IS Fr. 0430 to 0530 hr
SF 60 Clock(hrs)	12hr	12hr	elect			SF Fr. 0530 to 0630 hr
FS 120 Depth(ft)	5321.0	5321.0	5297.0	0.0	0.0	FS Fr. 0630 to 0830 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	2520.0	0.0	0.0	T STARTED 0135 hr
B. First Flow	0.0	0.0	28.0	0.0	0.0	T ON BOTM 0359 hr
B1. Final Flow	0.0	0.0	63.0	0.0	0.0	T OPEN 0400 hr
C. In Shut-in	0.0	0.0	1643.0	0.0	0.0	T PULLED 0830 hr
D. Init Flow	0.0	0.0	71.0	0.0	0.0	T OUT 1045 hr
E. Final Flow	0.0	0.0	118.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	1634.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	0.0	0.0	2460.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 110000.00 lbs
						Initial Str Wt 80000.00 lbs
						Unseated Str Wt 80000.00 lbs
						Bot Choke 0.78 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.38 in
						D.C. Length 389.00 ft
						D.P. Length 4901.00 ft

RECOVERY

Tot Fluid 250.00 ft of 250.00 ft in DC and 0.00 ft in DP
 100.00 ft of Mud
 0.00 ft of 100% mud
 150.00 ft of Muddy water
 0.00 ft of 80% water 20% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 42000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Weak blow built to 4".
 Initial Shut-In:
 No blow back.
 Final Flow:
 Weak surface blow 1/2" never built
 Final Shut-In:
 No blow back.

SAMPLES:
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 8.10 lb/c
 Vis. 42.00 S/L
 W.L. 8.80 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 N
 Tool Chased N
 Tester Scott Bugbee
 Co. Rep. Ed Grieves
 Contr. Big A
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: R. E. Adams 1-12

LOCATION : 12-35s-31w Seward co KS

TICKET No. 12576 D.S.T. No. 1 DATE 4-12-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 31

TOTAL TOOL 58

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.Stands6 Single 1 Total 389

D.P. ABOVE TOOLS.Stands78 Single 1 Total 4901

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5348

TOTAL DEPTH 5321

TOTAL DRILL PIPE ABOVE K.B. 27

REMARKS:

RW .24 at 52 deg.

42000 chlorides

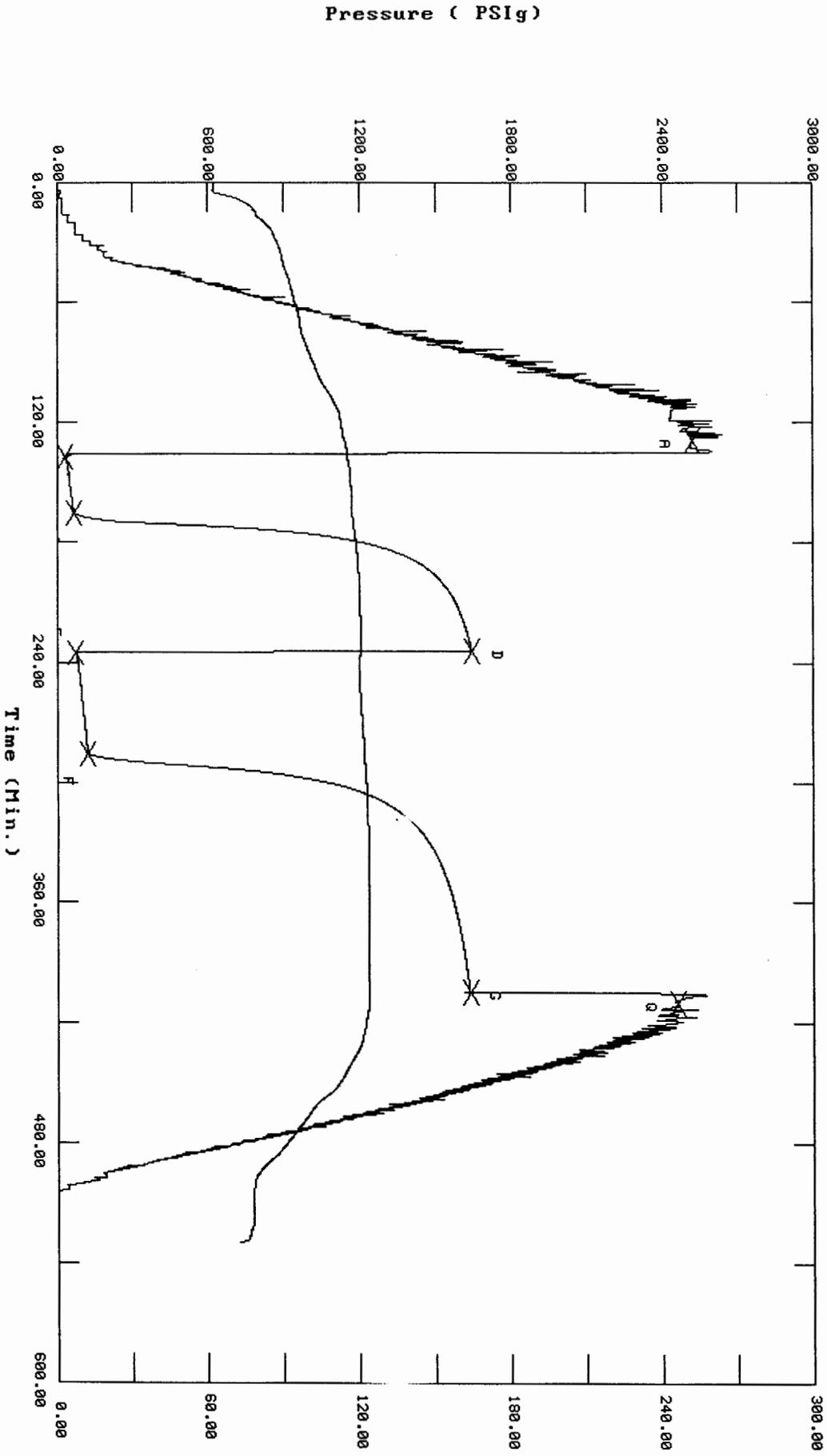
P.O. SUB top of tool	5263
C.O. SUB 1'	5264
S.I. TOOL 5'	5269
HMV 5'	5274
JARS 5'	5279
SAFETY JOINT 2'	5281
PACKER 5' shale packer	5286
PACKER 5' shale packer	5290
DEPTH 5290	
1'	5291
ANCHOR	
1' perf	5292
Alpine Rec.	5297
5' PU sub	5297
19' perf	5316
Ak1 Rec.	5321
BULLNOSE	
T.D. 5'	5321

TEST HISTORY

12576 DST#1 R.E. Adams 1-12 Raydon Exploration

Flag Points

t (Min.)	P (PSig)
R: 0.00	2520.07
B: 0.00	28.50
C: 28.00	63.21
D: 68.75	1643.10
E: 0.00	71.38
F: 50.75	118.61
G: 118.50	1634.85
Q: 0.00	2460.91

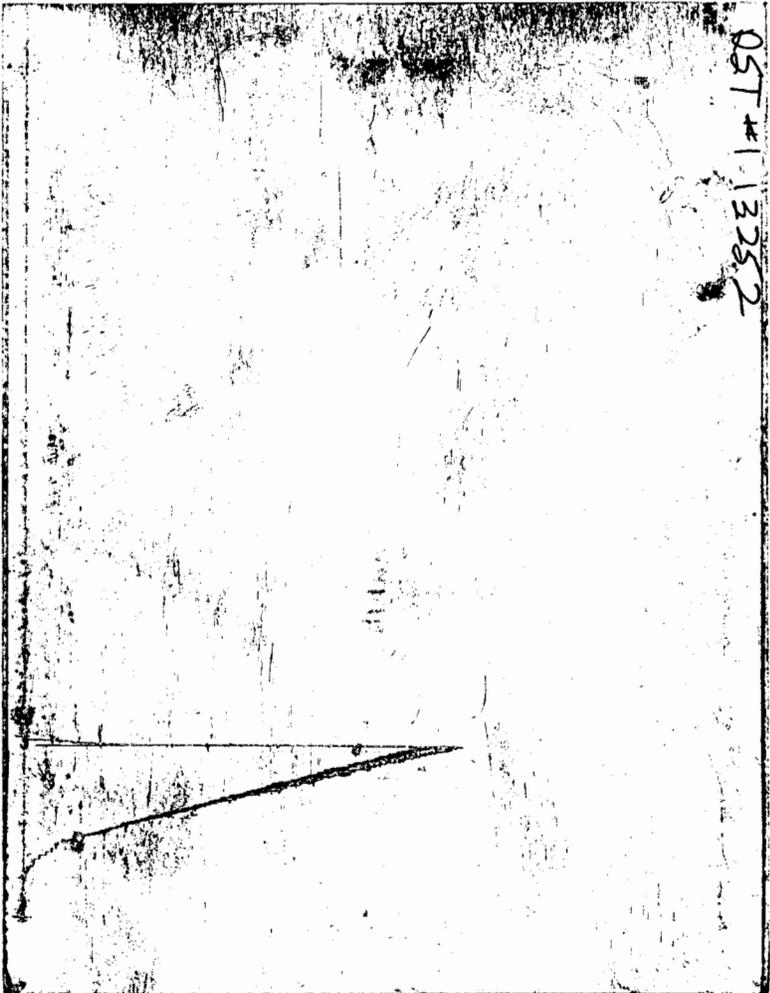


Temperature (DEG F)

Pressure (PSig)

Time (Min.)

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

Test Ticket

N^o 12576

Well Name & No. <u>Adams 1-12</u>	Test No. <u>#1</u>	Date <u>4-12-00</u>
Company <u>Raydon Exploration</u>	Zone Tested <u>Marmaton</u>	
Address <u>9400 N. Broadway, Ste 406 Okla. City Ok. 73114</u>	Elevation _____	KB _____ GL _____
Co. Rep / Geo. <u>Ed Grieves</u>	Cont. <u>Brq A #1</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>12</u>	Twp. <u>35S</u>	Rge. <u>31W</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>5290 - 5321</u>	Initial Str Wt./Lbs. <u>80,000</u>	Unseated Str Wt./Lbs. <u>82,000</u>
Anchor Length <u>31'</u>	Wt. Set Lbs. <u>26,000</u>	Wt. Pulled Loose/Lbs. <u>110,000</u>
Top Packer Depth <u>5285</u>	Tool Weight <u>1800</u>	
Bottom Packer Depth <u>5290</u>	Hole Size — <u>7 7/8"</u> ✓	Rubber Size — <u>6 3/4"</u> ✓
Total Depth <u>5321</u>	Wt. Pipe Run _____	Drill Collar Run <u>389'</u>
Mud Wt. <u>8.9</u> LCM <u>3</u> Vis. <u>42</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 X H</u>	Ft. Run <u>4901</u>
Blow Description <u>1st open weak blow built to 4"</u>		
<u>No blow back</u>		
<u>2nd weak surface blow 1/2" never built</u>		
<u>No blow back</u>		

Recovery — Total Feet <u>250</u>	GIP _____	Ft. in DC <u>250</u>	Ft. in DP _____
Rec. <u>100</u>	Feet Of <u>Mud</u>	%gas _____ %oil _____	%water <u>100</u> %mud _____
Rec. <u>150</u>	Feet Of <u>muddy water</u>	%gas _____ %oil _____	%water <u>80</u> %mud <u>20</u>
Rec. _____	Feet Of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet Of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet Of _____	%gas _____ %oil _____	%water _____ %mud _____
BHT _____	°F Gravity _____	°API D@ _____	°F Corrected Gravity _____
RW <u>.24</u>	@ <u>52</u> °F	Chlorides <u>42,000</u> ppm	Recovery Chlorides _____ ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2520</u>	<u>2520</u>	<u>3026</u>	<u>12:20 A.M.</u>
(B) First Initial Flow Pressure	<u>28</u>	<u>28</u>	<u>5297</u>	<u>1:35 A.M.</u>
(C) First Final Flow Pressure	<u>63</u>	<u>63</u>	<u>13252</u>	<u>4:00 A.M.</u>
(D) Initial Shut-In Pressure	<u>1643</u>	<u>1643</u>	<u>5321</u>	<u>8:30 A.M.</u>
(E) Second Initial Flow Pressure	<u>71</u>	<u>71</u>		<u>10:45 A.M.</u>
(F) Second Final Flow Pressure	<u>118</u>	<u>118</u>		T-Off Location _____
(G) Final Shut-in Pressure	<u>1634</u>	<u>1634</u>	Initial Opening <u>30</u>	Test ✓ <u>800^{cc}</u>
(Q) Final Hydrostatic Mud	<u>2460</u>	<u>2460</u>	Initial Shut-in <u>60</u>	Jars ✓ <u>200^{cc}</u>
			Final Flow <u>60</u>	Safety Joint ✓ <u>50^{cc}</u>
			Final Shut-in <u>120</u>	Straddle _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Ed Grieves

Our Representative Scott Bynbee

Circ. Sub ✓
 Sampler _____
 Extra Packer _____
 Elec. Rec. ✓ 150^{cc}
 Mileage _____
 Other 2 shale packers 300^{cc}
 TOTAL PRICE \$ 1500^{cc}

TRILOBITE TESTING L.L.C.

OPERATOR : Raydon Exploration, Inc.
 WELL NAME: R.E. Adams "1-12"
 LOCATION : 12-35S-31W Seward co KS
 INTERVAL : 5914.00 To 5980.00 ft

DATE 4-15-00
 KB 2597.00 ft TICKET NO: 12555 DST #2
 GR 2586.00 ft FORMATION: Morrow/Chester
 TD 5980.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13630	13630	3017			PF Fr. 0815 to 0845 hr
SI 60	Range(Psi)	4325.0	4325.0	5000.0	0.0	0.0	IS Fr. 0845 to 0945 hr
SF 60	Clock(hrs)	12 HR	12 HR	Elect			SF Fr. 0945 to 1045 hr
FS 120	Depth(ft)	5977.0	5977.0	5916.0	0.0	0.0	FS Fr. 1045 to 1245 hr

	Field	1	2	3	4	
A. Init Hydro	2873.0	2961.0	2832.0	0.0	0.0	T STARTED 0550 hr
B. First Flow	131.0	140.0	21.0	0.0	0.0	T ON BOTM 0813 hr
B1. Final Flow	131.0	130.0	30.0	0.0	0.0	T OPEN 0815 hr
C. In Shut-in	233.0	223.0	153.0	0.0	0.0	T PULLED 1245 hr
D. Init Flow	131.0	138.0	24.0	0.0	0.0	T OUT 1615 hr
E. Final Flow	131.0	124.0	31.0	0.0	0.0	
F. Fl Shut-in	348.0	342.0	277.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2859.0	2913.0	2812.0	0.0	0.0	Tool Wt. 2300.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 23000.00 lbs
						Wt Pulled Loose 27000.00 lbs
						Initial Str Wt 93000.00 lbs
						Unseated Str Wt 93000.00 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 455.00 ft
						D.P. Length 5450.00 ft

RECOVERY

Tot Fluid 30.00 ft of 30.00 ft in DC and 0.00 ft in DP
 30.00 ft of Mud
 0.00 ft of 100% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 2600.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Weak 1" built to 6" in bucket in 30 minutes.
 Initial Shut-In:
 No blow back.
 Final Flow:
 Weak 2" built to 4 1/2" in bucket in 60 minutes.
 Final Shut-In:
 No blow back.

Remarks: Est. 15 Ft. of pay.
 Pit chlorides 2,400 PPM.

SAMPLES: None
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 9.00 lb/c
 Vis. 52.00 S/L
 W.L. 6.80 in3
 F.C. 0.00 in
 Mud Drop Y 20.0 ft

 Amt. of fill 0.00 ft
 Btm. H. Temp. 129.00 F
 Hole Condition Good
 % Porosity 10.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Lanny Saloga
 Co. Rep. Ed Grieves
 Contr. Big A
 Rig # 1
 Unit #
 Pump T.

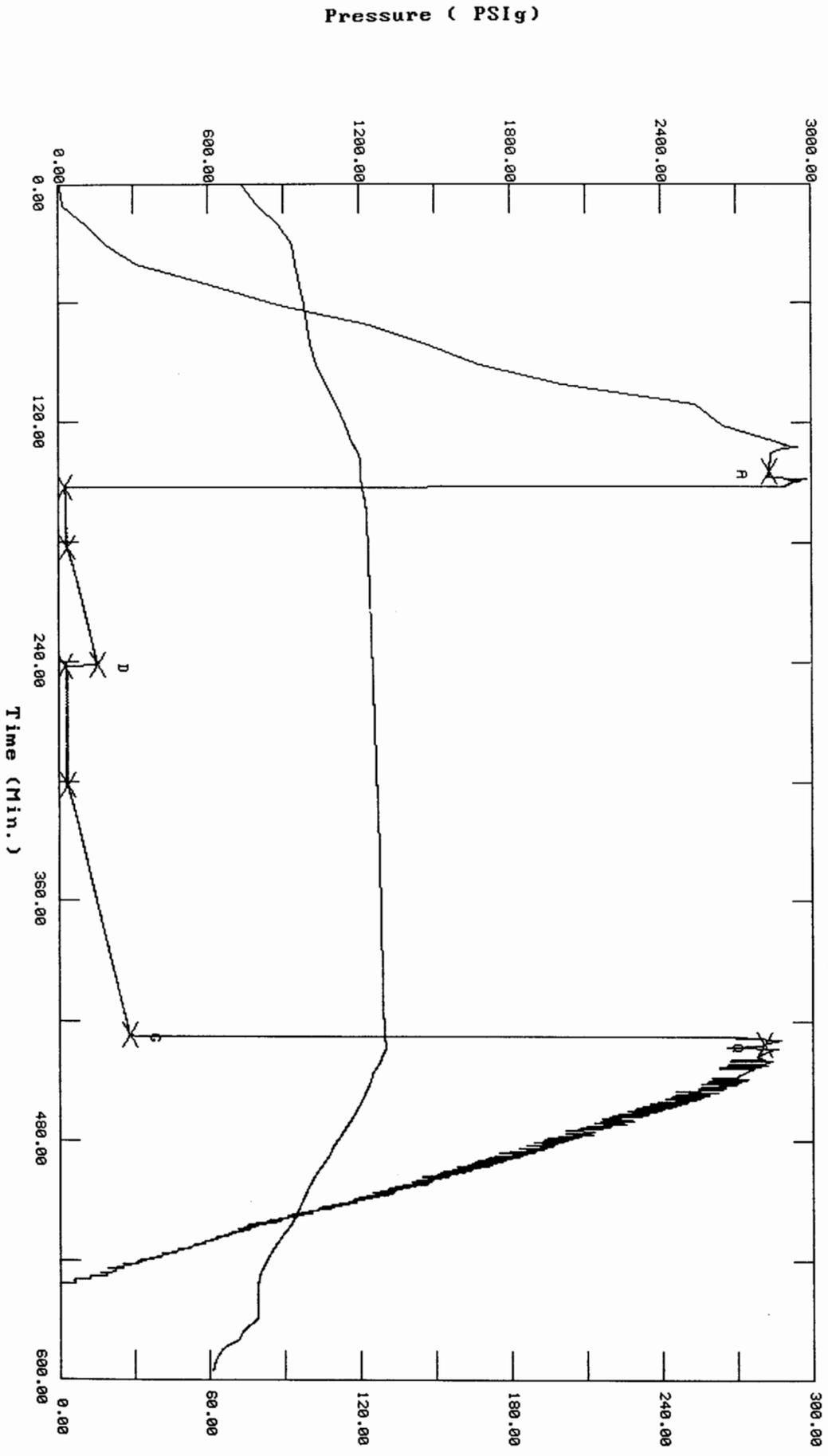
Test Successful: Y

12555 D.S.T.#2 R.E. Adams "1-12" Raydon Exploration, Inc.

TEST HISTORY

Flag Points
 t<Min.> Pk PSig>

R:	0.00	2832.58
B:	0.00	21.45
C:	30.00	30.81
D:	59.25	153.59
E:	0.00	24.28
F:	59.50	31.61
G:	124.75	277.48
Q:	0.00	2812.23



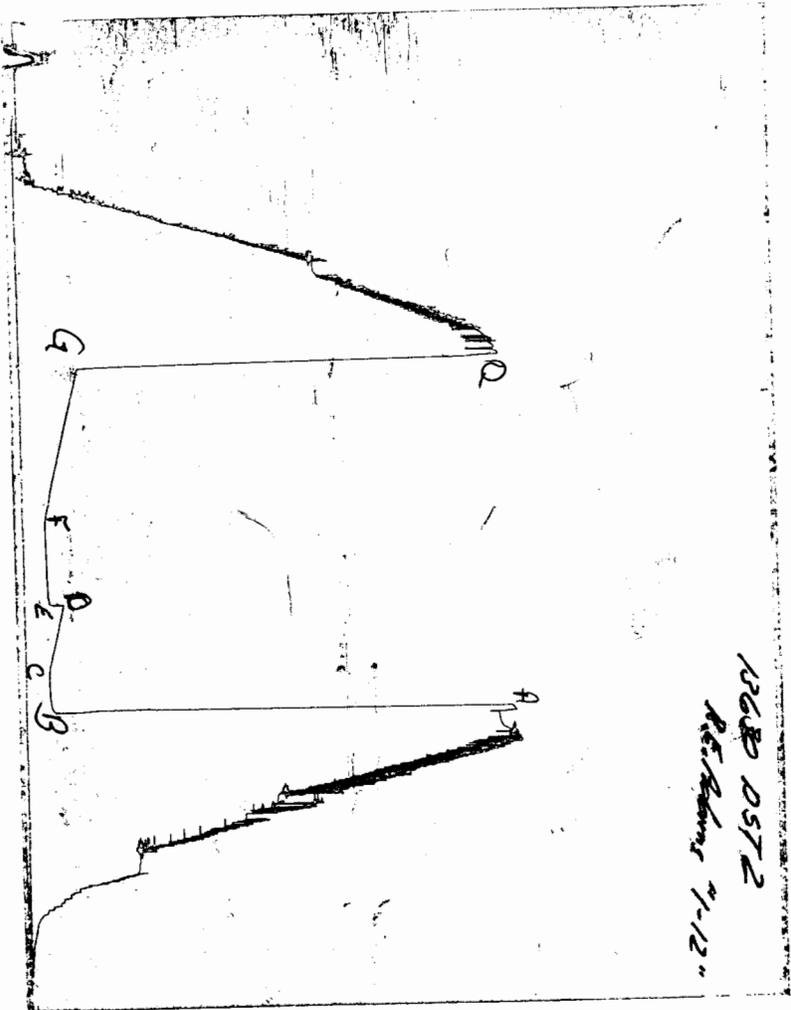
Temperature (DEG F)

Pressure (PSig)

Time (Min.)

CHART PAGE

13680 DST 2
Rt. Adams #1-12"



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 12555

Well Name & No. R.E. Adams "1-12" Test No. 2 Date 4-15-00
 Company Raydon Exp. Trac. Zone Tested Winniford/Chaster
73114
 Address 9400 N. Broadway Suite 400 OK City OK Elevation 2597 KB 2586 GL
 Co. Rep / Geo. Eod Griener Cont. Sig A Rig 1 Est. Ft. of Pay 15 Por. 10 %
 Location: Sec. 12 Twp. 35 S. Rge. 31 W. Co. Sevier State Ks.
 No. of Copies Rep. Distribution Sheet (Y, N) N. Turnkey (Y, N) N. Evaluation (Y, N) _____

Interval Tested 5914-5980 Initial Str Wt./Lbs. 93,000 Unseated Str Wt./Lbs. 93,000
 Anchor Length 66' Tool = 27' Wt. Set Lbs. 23,000 Wt. Pulled Loose/Lbs. 27,000
 Top Packer Depth 5909 Tool Weight 2,300
 Bottom Packer Depth 5914 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 5980 Wt. Pipe Run _____ Drill Collar Run 455
 Mud Wt. 9.0 LCM 3# Vis. 5.2 WL 6.8 Drill Pipe Size 4 1/2 XH Ft. Run 5450 18'ip

Blow Description Work 1" built to 6" in bucket 30 min. F.F.P.
No blow-back. F.S.T.P.
Work 2" built to 4 1/2" in bucket 60 min. F.F.P.
No blow-back. F.S.T.P.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>30</u>	<u>0</u>	<u>30</u>	<u>0</u>
Rec. <u>30</u> Feet Of <u>Mud</u>		%gas	%oil
Rec. _____ Feet Of _____		%gas	%oil
Rec. _____ Feet Of _____		%gas	%oil
Rec. _____ Feet Of _____		%gas	%oil
Rec. _____ Feet Of _____		%gas	%oil

BHT 129 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW 3.4 @ 47 °F Chlorides 2,600 ppm Recovery Chlorides 2,400 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2873</u>	<u>2832</u>	<u>3017 "05:43"</u>	<u>4:30 AM</u>
(B) First Initial Flow Pressure	<u>131</u>	<u>21</u>	(depth) <u>5916</u>	T-Started <u>5:50 AM</u>
(C) First Final Flow Pressure	<u>131</u>	<u>30</u>	PSI Recorder No. <u>13630</u>	T-Open <u>8:15 AM</u>
(D) Initial Shut-In Pressure	<u>233</u>	<u>153</u>	(depth) <u>5977</u>	T-Pulled <u>12:45 AM</u>
(E) Second Initial Flow Pressure	<u>131</u>	<u>24</u>	PSI Recorder No. _____	T-Out <u>4:15 PM</u>
(F) Second Final Flow Pressure	<u>131</u>	<u>31</u>	(depth) _____	T-Off Location _____
(G) Final Shut-in Pressure	<u>348</u>	<u>277</u>	PSI Initial Opening <u>30</u>	Test <u>1</u> ✓
(Q) Final Hydrostatic Mud	<u>2859</u>	<u>2812</u>	PSI Initial Shut-in <u>60</u>	Jars <u>1</u> ✓
			Final Flow <u>60</u>	Safety Joint <u>1</u> ✓
			Final Shut-in <u>120</u>	Straddle _____

41500543.017
 TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]

Our Representative [Signature]

2 SHALE Packers 1 ✓
 Elec. Rec. 1 ✓
 Mileage _____
 Other 2 Hrs. ✓
 TOTAL PRICE \$ 4560.00

TRILOBITE TESTING L.L.C.

OPERATOR : Raydon Exploration Inc.
 WELL NAME: R.E. Adams "1-12"
 LOCATION : 12-35S-31W Seward co KS
 INTERVAL : 6170.00 To 6240.00 ft

DATE 4-17-00
 KB 2597.00 ft TICKET NO: 12556 DST #3
 GR 2586.00 ft FORMATION: Lower Chester
 TD 6240.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13630	13630	3017		PF Fr. 0250 to 0320 hr
SI 60	Range(Psi)	4325.0	4325.0	5000.0	0.0	0.0 IS Fr. 0320 to 0420 hr
SF 60	Clock(hrs)	12 HR	12 HR	Elect		SF Fr. 0420 to 0520 hr
FS 120	Depth(ft)	6237.0	6237.0	6176.0	0.0	0.0 FS Fr. 0520 to 0720 hr

	Field	1	2	3	4	
A. Init Hydro	2969.0	3012.0	2969.0	0.0	0.0	T STARTED 0030 hr
B. First Flow	113.0	133.0	28.0	0.0	0.0	T ON BOTM 0247 hr
B1. Final Flow	113.0	128.0	39.0	0.0	0.0	T OPEN 0250 hr
C. In Shut-in	151.0	170.0	103.0	0.0	0.0	T PULLED 0720 hr
D. Init Flow	117.0	140.0	40.0	0.0	0.0	T OUT 1100 hr
E. Final Flow	117.0	126.0	43.0	0.0	0.0	
F. Fl Shut-in	158.0	174.0	126.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2967.0	3072.0	2926.0	0.0	0.0	Tool Wt. 2800.00 lbs
Inside/Outside	I	I	I			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 24000.00 lbs
						Initial Str Wt 95000.00 lbs
						Unseated Str Wt 96000.00 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 455.00 ft
						D.P. Length 5694.00 ft

RECOVERY

Tot Fluid 55.00 ft of 55.00 ft in DC and 0.00 ft in DP
 55.00 ft of Thin Mud
 0.00 ft of 100% mud
 0.00 ft of
 SALINITY 2800.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Weak 1" built to 10" in bucket in 30 minutes.
 Initial Shut-In:
 No blow back.
 Final Flow:
 Weak 2" built to 4" in bucket in 60 minutes.
 Final Shut-In:
 No blow back.

Remarks: Est. 5 Ft. of Pay.

SAMPLES: None
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 8.90 lb/cf
 Vis. 54.00 S/L
 W.L. 7.20 in3
 F.C. 0.00 in
 Mud Drop Y 20.0 ft
 Amt. of fill 0.00 ft
 Btm. H. Temp. 130.00 F
 Hole Condition Good
 % Porosity 10.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Lanny Saloga
 Co. Rep. Ed Grieves
 Contr. Big A
 Rig # 1
 Unit #
 Pump T.

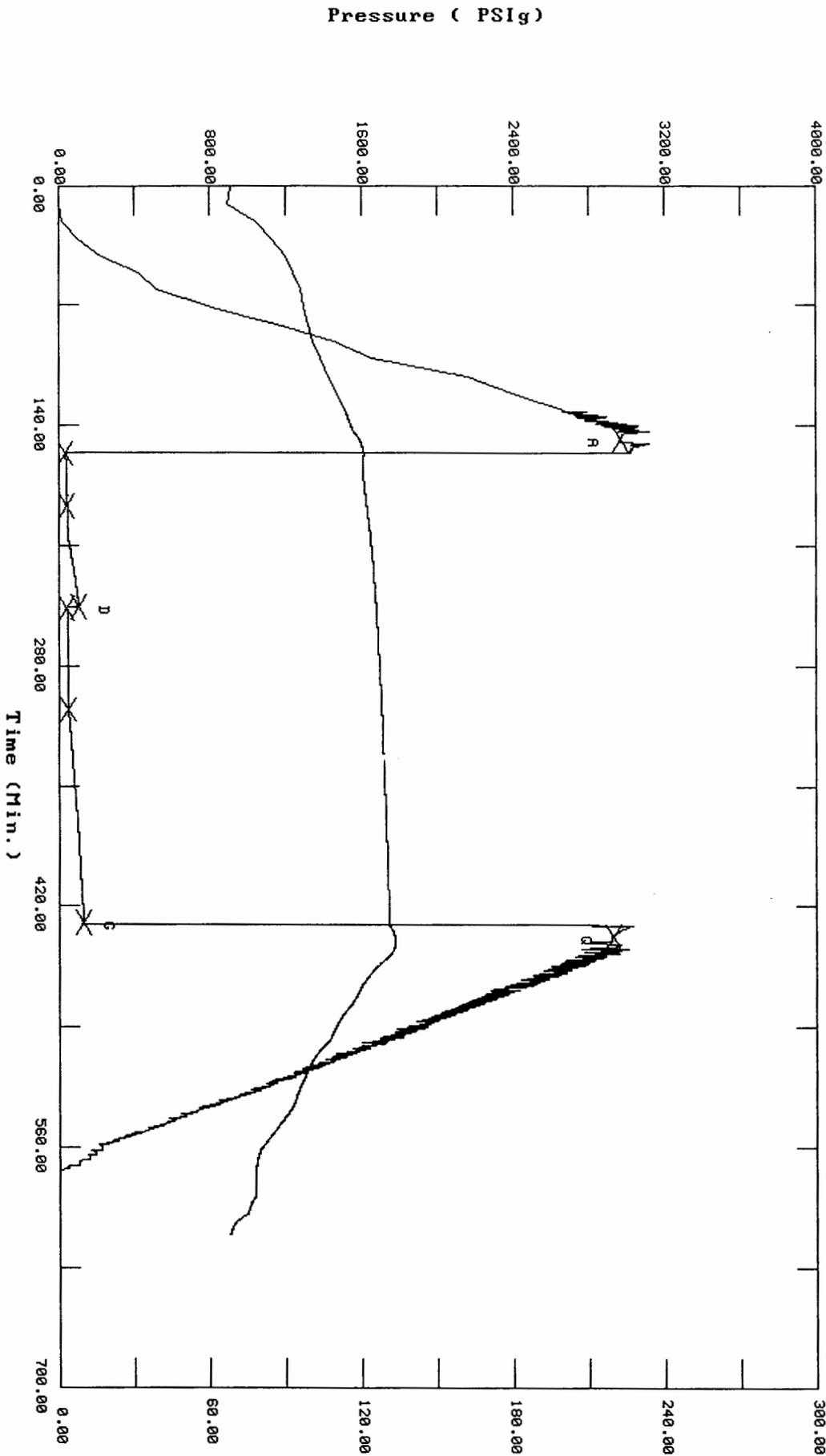
Test Successful: Y

12556 D.S.T.#3 R.E. Adams "1-12" Raudson Exploration Inc.

TEST HISTORY

Flag Points

t(Min.)	P(PSig)
R: 0.00	2959.06
B: 0.00	28.84
C: 30.50	39.72
D: 59.00	103.28
E: 0.00	40.14
F: 59.25	43.58
G: 123.75	128.54
Q: 0.00	2926.04



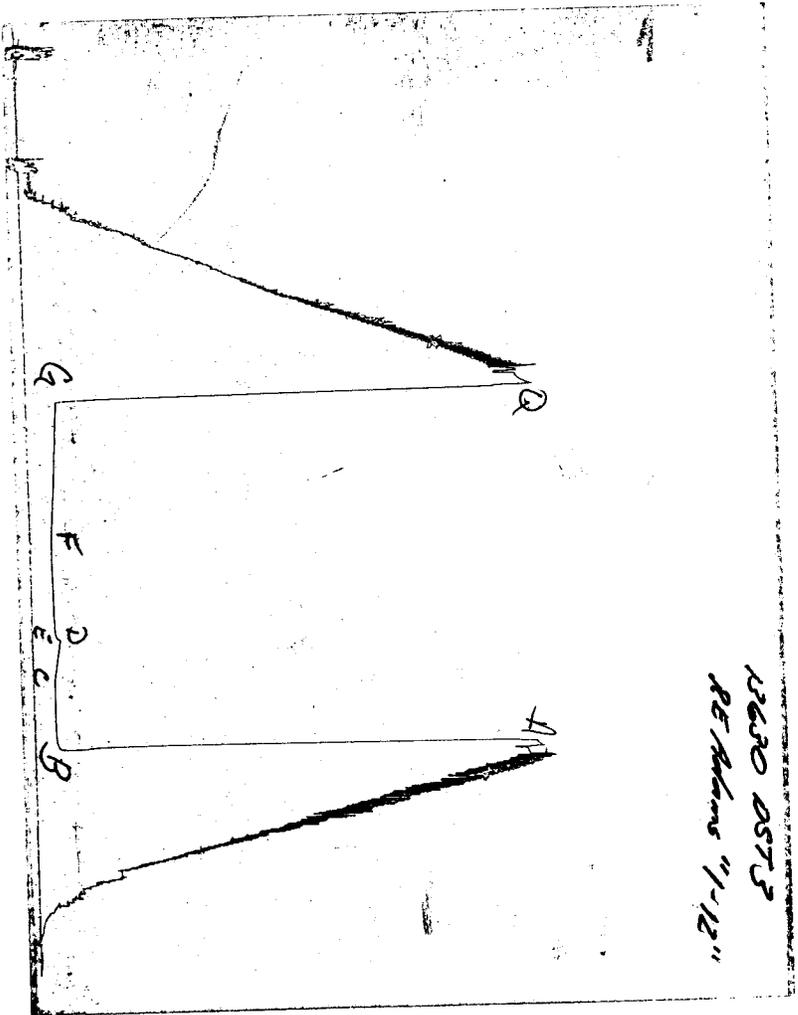
Temperature (DEG F)

Pressure (PSig)

Time (Min.)

CHART PAGE

13630 DSTJ
RE Adams "1-12"



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 12556

Well Name & No. <u>P.E. Adams "1-12"</u>	Test No. <u>3</u>	Date <u>4-17-00</u>
Company <u>Raydon Exp. Inc.</u>	Zone Tested <u>Lower Chester</u>	
Address <u>OK City OK 73114</u>	Elevation <u>2597</u> KB <u>2586</u> GL	
Co. Rep / Geo. <u>Ed Givens</u>	Cont. <u>Big A Rig 1</u>	Est. Ft. of Pay <u>5</u> Por. <u>10</u> %
Location: Sec. <u>12</u> Twp. <u>35 S.</u> Rge. <u>31 W.</u> Co. <u>Seward</u> State <u>KS</u>		
No. of Copies <u>911</u> Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>N</u>	Evaluation (Y, N) _____

Interval Tested <u>6170 - 6240</u>	Initial Str Wt./Lbs. <u>95,000</u>	Unseated Str Wt./Lbs. <u>26,000</u>
Anchor Length <u>70'</u> Tool = <u>27'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>24,000</u>
Top Packer Depth <u>6165</u>	Tool Weight <u>2,800</u>	
Bottom Packer Depth <u>6170</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>6240</u>	Wt. Pipe Run _____	Drill Collar Run <u>455</u>
Mud Wt. <u>8.9</u> LCM <u>4#</u> Vis. <u>54</u> WL <u>7.2</u>	Drill Pipe Size <u>4 1/2 x 4 1/2</u>	Ft. Run <u>5694</u> <u>6' up</u>
Blow Description <u>Work 1" built to 10" in bucket 30 min. T.F.P.</u>		
<u>No blow-back. T.S.T.P.</u>		
<u>Work 2" built to 4" in bucket 60 min. F.F.P.</u>		
<u>No blow-back. F.S.T.P.</u>		

Recovery — Total Feet <u>55</u>	GIP <u>0</u>	Ft. in DC <u>55</u>	Ft. in DP <u>0</u>
Rec. <u>55</u> Feet Of <u>Mud "Thin"</u>	%gas _____	%oil _____	%water <u>100</u> %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
BHT <u>130</u> °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW <u>2.7</u> @ <u>55</u> °F Chlorides <u>2,800</u> ppm	Recovery _____	Chlorides <u>2,500</u> ppm	System _____

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2969</u>	<u>2969</u>		<u>3017 "00:15"</u>	<u>4-16-00 11:00 AM</u>
(B) First Initial Flow Pressure	<u>113</u>	<u>28</u>		(depth) <u>6176</u>	T-Started <u>12:30 AM</u>
(C) First Final Flow Pressure	<u>113</u>	<u>39</u>		Recorder No. <u>136.30</u>	T-Open <u>2:50 AM</u>
(D) Initial Shut-In Pressure	<u>151</u>	<u>103</u>		(depth) <u>6237</u>	T-Pulled <u>7:20 AM</u>
(E) Second Initial Flow Pressure	<u>117</u>	<u>40</u>		Recorder No. _____	T-Out <u>11:00 AM</u>
(F) Second Final Flow Pressure	<u>117</u>	<u>43</u>		(depth) _____	T-Off Location _____
(G) Final Shut-in Pressure	<u>158</u>	<u>126</u>		Initial Opening <u>30</u>	Test <u>1</u> ✓
(Q) Final Hydrostatic Mud	<u>2967</u>	<u>2926</u>		Initial Shut-in <u>60</u>	Jars <u>1</u> ✓
				Final Flow <u>60</u>	Safety Joint <u>1</u> ✓
				Final Shut-in <u>130</u>	Straddle _____

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TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]
Our Representative [Signature]

2 SHALE Packer ✓
Elec. Rec. 1 ✓
Mileage _____
Other 1 Hg ✓
TOTAL PRICE \$ 4,630.00

TRILOBITE TESTING L.L.C.

OPERATOR : Raydon Exploration Inc.
 WELL NAME: R.E. Adams "1-12"
 LOCATION : 12-35S-31W Seward co KS
 INTERVAL : 6390.00 To 6420.00 ft

DATE 4-19-00
 KB 2597.00 ft TICKET NO: 12557 DST #4
 GR 2586.00 ft FORMATION: St. Louis
 TD 6521.00 ft TEST TYPE: CONV-STRADDLE

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10242	10242	3017	13630		PF Fr. 1645 to 1715 hr
SI 60 Range(Psi)	4175.0	4175.0	5000.0	4325.0	0.0	IS Fr. 1715 to 1815 hr
SF 30 Clock(hrs)	12 HR	12 HR	Elect	12 HR		SF Fr. 1815 to 1845 hr
FS 120 Depth(ft)	6414.0	6414.0	6392.0	6518.0	0.0	FS Fr. 1845 to 2045 hr

	Field	1	2	3	4	
A. Init Hydro	3283.0	3283.0	3205.0	0.0	0.0	T STARTED 1345 hr
B. First Flow	46.0	75.0	23.0	0.0	0.0	T ON BOTM 1642 hr
B1. Final Flow	46.0	71.0	26.0	0.0	0.0	T OPEN 1645 hr
C. In Shut-in	1783.0	1750.0	1809.0	0.0	0.0	T PULLED 2045 hr
D. Init Flow	56.0	84.0	28.0	0.0	0.0	T OUT 0045 hr
E. Final Flow	56.0	85.0	31.0	0.0	0.0	
F. Fl Shut-in	1958.0	1997.0	1957.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	3158.0	3187.0	3112.0	0.0	0.0	Tool Wt. 3300.00 lbs
Inside/Outside	I	I	O	S		Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 28000.00 lbs
						Initial Str Wt 97000.00 lbs
						Unseated Str Wt 97000.00 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 455.00 ft
						D.P. Length 5941.00 ft

RECOVERY

Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
 5.00 ft of Mud
 0.00 ft of 100% mud
 0.00 ft of
 0.00 ft of

SALINITY 2900.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Surface blow, died in 13 minutes.
 Final Flow:
 No blow.

Remarks: 12 Ft. of Pay.

SAMPLES: None
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	58.00 S/L
W.L.	7.40 in3
F.C.	0.00 in
Mud Drop Y	20.0 ft

Amt. of fill	0.00 ft
Btm. H. Temp.	140.00 F
Hole Condition	Good
% Porosity	5.50
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Lanny Saloga
Co. Rep.	Ed Grieves
Contr.	Big A
Rig #	1
Unit #	
Pump T.	

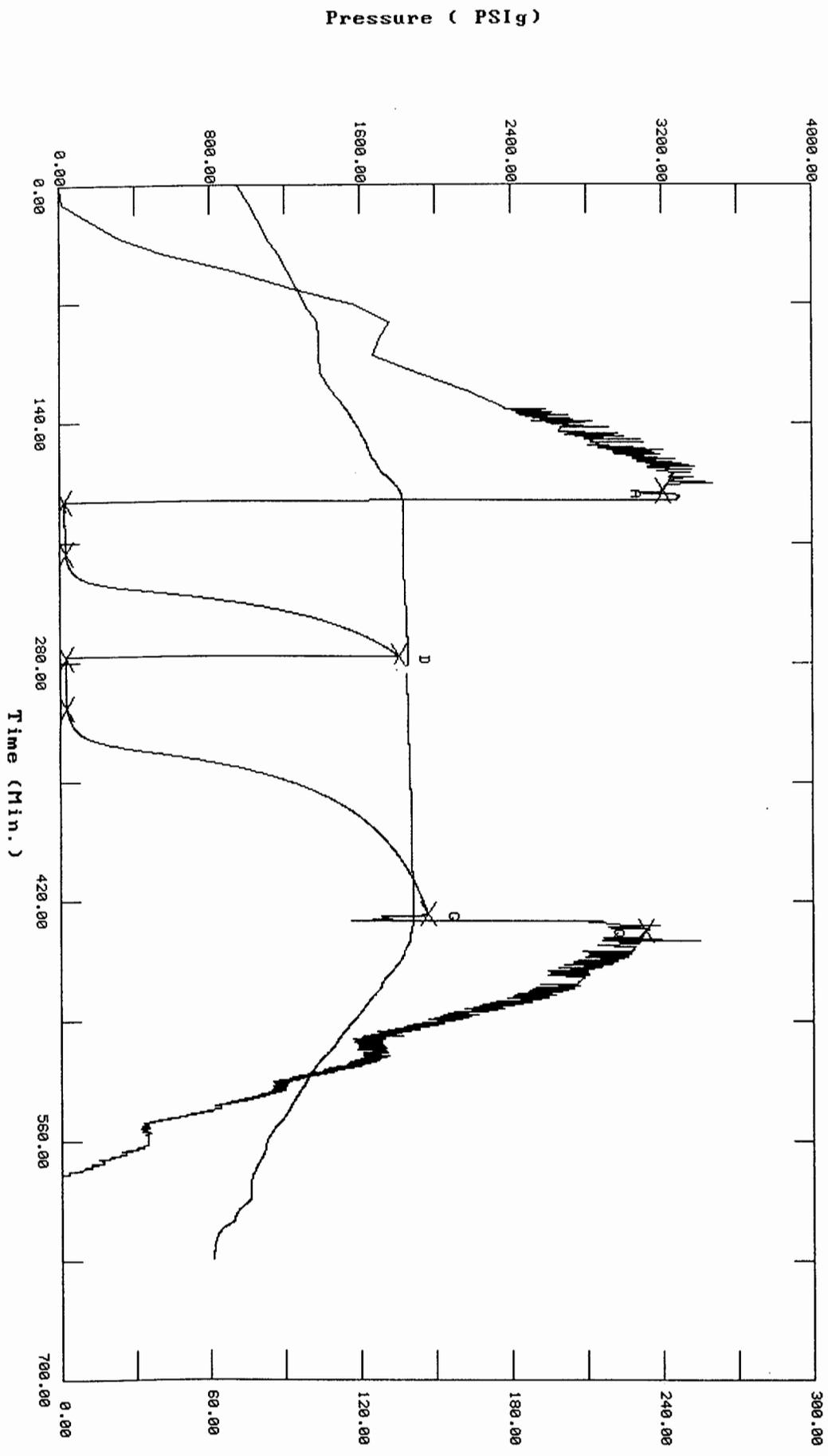
Test Successful: Y

12557 D.S.T.#4 R.E. Adams "I-12" Raydon Exploration Inc.

TEST HISTORY

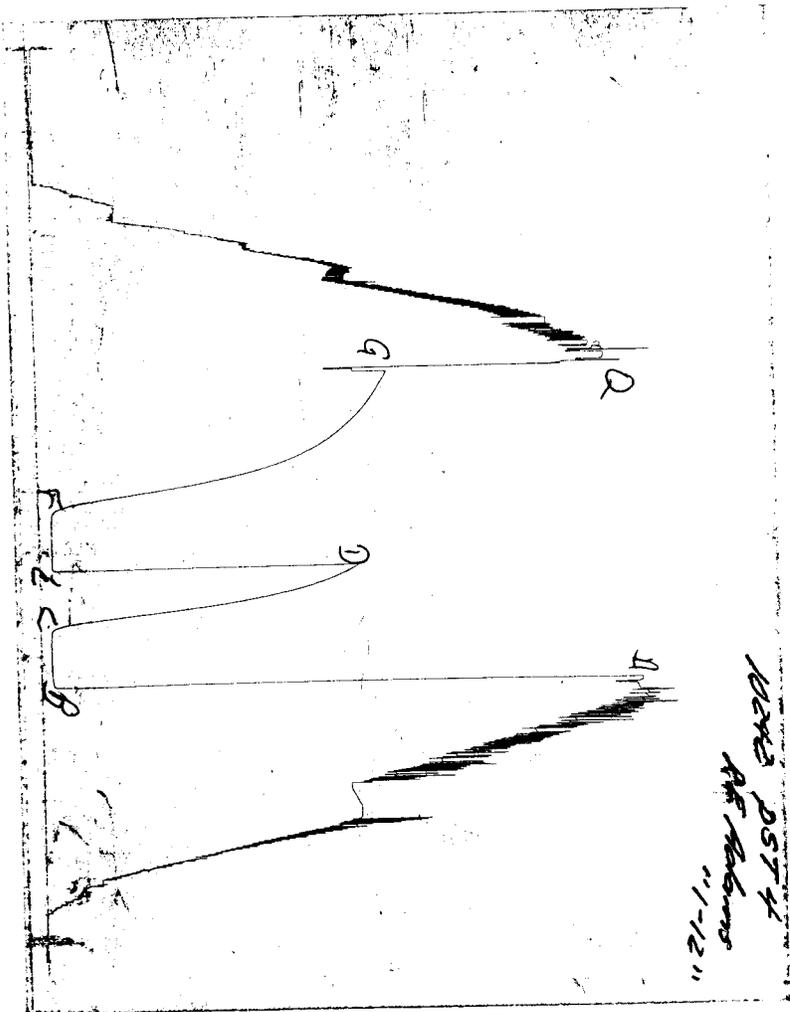
t(Min.) P(PSIG) Flag Points

R:	0.00	3205.50
B:	0.00	23.32
C:	30.50	26.50
D:	60.50	1809.48
E:	0.00	28.36
F:	29.75	31.85
G:	120.25	1957.49
Q:	0.00	3112.86



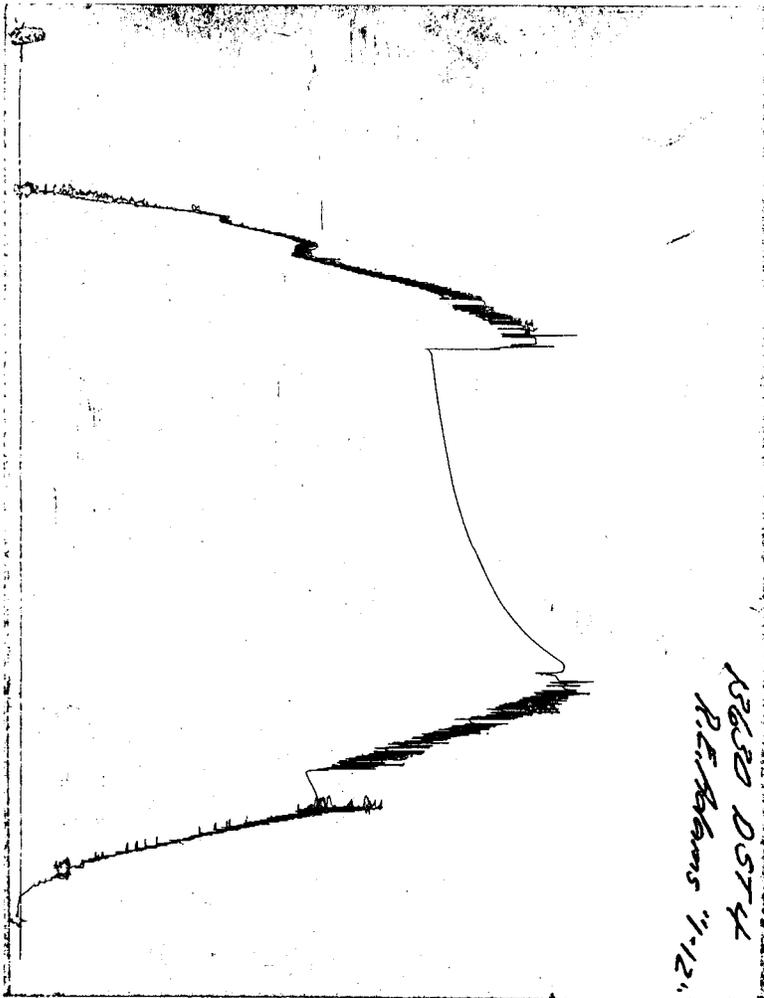
Temperature (DEG F)

CHART PAGE



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

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

Test Ticket

N^o 12557

Well Name & No. <u>R.E. Adams "1-12"</u>	Test No. <u>4</u>	Date <u>4-19-00</u>
Company <u>Raydon Exp. Inc.</u>	Zone Tested <u>St. Louis</u>	
Address <u>Ok. City Ok. 73114</u>	Elevation <u>2597</u> KB <u>2586</u> GL	
Co. Rep / Geo. <u>Ed Coebers</u>	Cont. <u>Big A Rig 1</u>	Est. Ft. of Pay <u>12</u> Por. <u>5 1/2</u> %
Location: Sec. <u>12</u>	Twp. <u>35S</u>	Rge. <u>31W</u> Co. <u>Seward</u> State <u>Ks</u>
No. of Copies <u>call</u> Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>N</u>	Evaluation (Y, N) _____

Interval Tested 6390-6420 Initial Str Wt./Lbs. 97000 Unseated Str Wt./Lbs. 97000
Anchor Length 30' Tail=101' Tail=27' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 28,000
Top Packer Depth 6385 Tool Weight 3,300
Bottom Packer Depth 6390 St. pk. = 6420' Hole Size — 7 7/8" Rubber Size — 6 3/4"
Total Depth 6521 Wt. Pipe Run _____ Drill Collar Run 455
Mud Wt. 9.0 LCM 4# Vis. 58 WL 7.4 Drill Pipe Size 4 1/2 x H Ft. Run 5941 33' up
Blow Description Surface blow, died in 13 min. F.F.P.

No blow F.F.P.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>5</u>	<u>0</u>	<u>5</u>	<u>0</u>
Rec. <u>5</u> Feet Of <u>mud</u>	%gas	%oil	%water <u>100</u> %mud
Rec. _____ Feet Of _____	%gas	%oil	%water _____ %mud
Rec. _____ Feet Of _____	%gas	%oil	%water _____ %mud
Rec. _____ Feet Of _____	%gas	%oil	%water _____ %mud
Rec. _____ Feet Of _____	%gas	%oil	%water _____ %mud

BHT 140 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
RW 2.6 @ 55 °F Chlorides 2,900 ppm Recovery Chlorides 2,700 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>3283</u>	<u>3205</u>	PSI Recorder No. <u>3017 "12-39"</u>	T-On Location <u>12:30 PM</u>
(B) First Initial Flow Pressure	<u>46</u>	<u>23</u>	PSI (depth) <u>6392</u>	T-Started <u>1:45 PM</u>
(C) First Final Flow Pressure	<u>46</u>	<u>26</u>	PSI Recorder No. <u>10242</u>	T-Open <u>4:45 PM</u>
(D) Initial Shut-In Pressure	<u>1783</u>	<u>1809</u>	PSI (depth) <u>6414</u>	T-Pulled <u>8:45 PM</u>
(E) Second Initial Flow Pressure	<u>56</u>	<u>28</u>	PSI Recorder No. <u>13630</u>	T-Out <u>12:45 AM</u>
(F) Second Final Flow Pressure	<u>56</u>	<u>31</u>	PSI (depth) <u>6518</u>	T-Off Location _____
(G) Final Shut-in Pressure	<u>1958</u>	<u>1957</u>	PSI Initial Opening <u>30</u>	Test <u>1</u> ✓
(Q) Final Hydrostatic Mud	<u>3158</u>	<u>3112</u>	PSI Initial Shut-in <u>60</u>	Jars <u>1</u> ✓
			Final Flow <u>30'</u>	Safety Joint <u>1</u> ✓
			Final Shut-in <u>120</u>	Straddle <u>1</u> ✓

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Approved By Edwin K. Greved

Our Representative Jimmy S. Salas

Circ. Sub _____
Sampler _____
Extra Packer 1 ✓
Elec. Rec. 1 ✓
SHALE PKG. 1 ✓
Other 2 Hrs ✓
TOTAL PRICE \$ 1910.00