

07-35s-29w
C W2 NW

Well Name: Wynona #1
Company: Raydon Exploration Inc.
Location: 7-35s-29w
Meade county Kansas
Date: 9-17-99

15-119-21003-00-00

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7-35-29W

TRILOBITE TESTING L.L.C.

OPERATOR : Raydon Exploration, Inc.
 WELL NAME: Wynona #1
 LOCATION : 7-35s-29w-Meade co Ks
 INTERVAL : 5760.00 To 5810.00 ft

DATE 9-7-99
 KB 2457.00 ft TICKET NO: 11523 DST #1
 GR 2446.00 ft FORMATION: Morrow
 TD 5810.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	2350			PF Fr. 2205 to 2235 hr
SI 60 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 2235 to 2335 hr
SF 60 Clock(hrs)	12	12	elect			SF Fr. 2335 to 0035 hr
FS 120 Depth(ft)	5807.0	5807.0	5763.0	0.0	0.0	FS Fr. 0035 to 0235 hr

	Field	1	2	3	4	
A. Init Hydro	2898.0	2916.0	2941.0	0.0	0.0	T STARTED 1848 hr
B. First Flow	39.0	44.0	39.0	0.0	0.0	T ON BOTM 2202 hr
B1. Final Flow	39.0	44.0	53.0	0.0	0.0	T OPEN 2205 hr
C. In Shut-in	167.0	166.0	194.0	0.0	0.0	T PULLED 0235 hr
D. Init Flow	39.0	44.0	31.0	0.0	0.0	T OUT 0545 hr
E. Final Flow	49.0	54.0	49.0	0.0	0.0	
F. Fl Shut-in	246.0	252.0	263.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2695.0	2669.0	2719.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 60.00 ft of 60.00 ft in DC and 0.00 ft in DP
 60.00 ft of Drilling mud
 200.00 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

Unseated Str Wt 100000.00 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 633.00 ft
 D.P. Length 5120.00 ft

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

BLOW DESCRIPTION

Initial Flow:
 Weak building to 8" fair blow
 Initial Shut-in:
 Bled off blow-no blow back
 Final Flow:
 Weak surface blow-flushed tool-good
 surge-blow built to 3"
 Final Shut-in:
 Bled off blow-no blow back

MUD DATA-----
 Mud Type Chemical
 Weight 9.10 lb/cf
 Vis. 56.00 S/L
 W.L. 7.60 in3
 F.C. 0.00 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
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Dan Bangle
 Co. Rep. Ed Grieves
 Contr. Big A
 Rig # 1
 Unit #
 Pump T.

SAMPLES:
 SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Wynona #1

LOCATION : 7-35s-29w-Meade co Ks

TICKET No. 11523 D.S.T. No. 1 DATE 9-7-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 32

INTERVAL TOOL

TOTAL TOOL TO BOTTOM OF TOP PACKERS AND ANCHOR 19

TOTAL TOOL 51

TOTAL DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STANDS Single Total

P. ANCHOR STANDS Single 1 Total 31

TOTAL ASSEMBLY 82

C. ABOVE TOOLS STANDS 10 Single 1 Total 633

P. ABOVE TOOLS STANDS 82 Single 1 Total 5120

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5835

TOTAL DEPTH 5810

TOTAL DRILL PIPE ABOVE K.B. 25

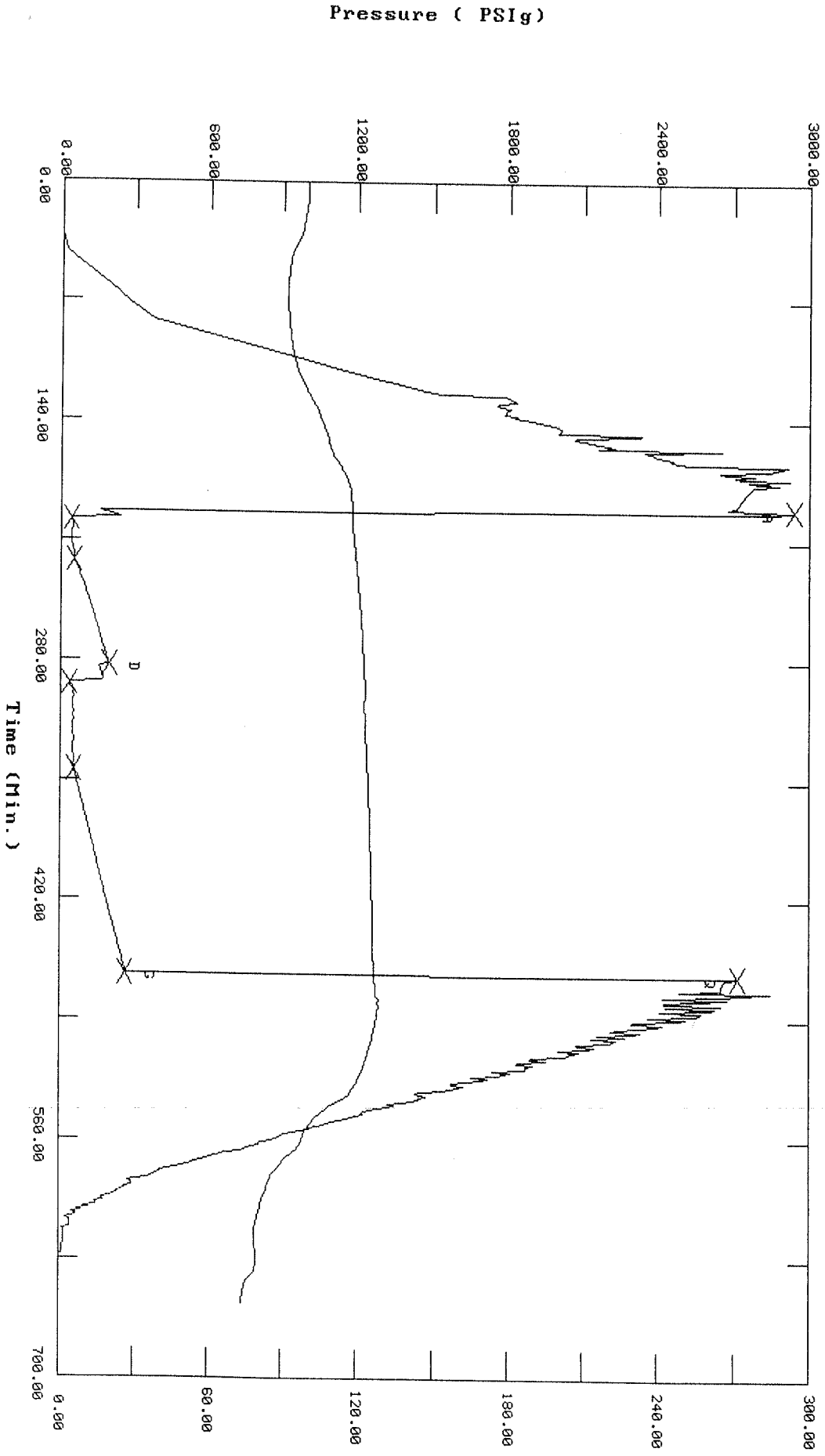
MARKS:

Pushed tool 15 min into FF
rod surge

P.O. SUB	5612
C.O. SUB	5732
S.I. TOOL	5738
HMV	5743
JARS	5748
SAFETY JOINT	5751
PACKER	5755
PACKER	5760
DEPTH 5760	
STUBB 1'	5761
ANCHOR 1' Perfs	5762
1' co sub	5763
Alpine @ 5763	
1 jt dp 31'	5794
1' co sub	5795
5' Perfs	5800
T.C. DEPTH	
5' Perfs	5805
AK-1 @ 5807	
BULLNOSE 5'	5810
T.D.	5810

TEST HISTORY

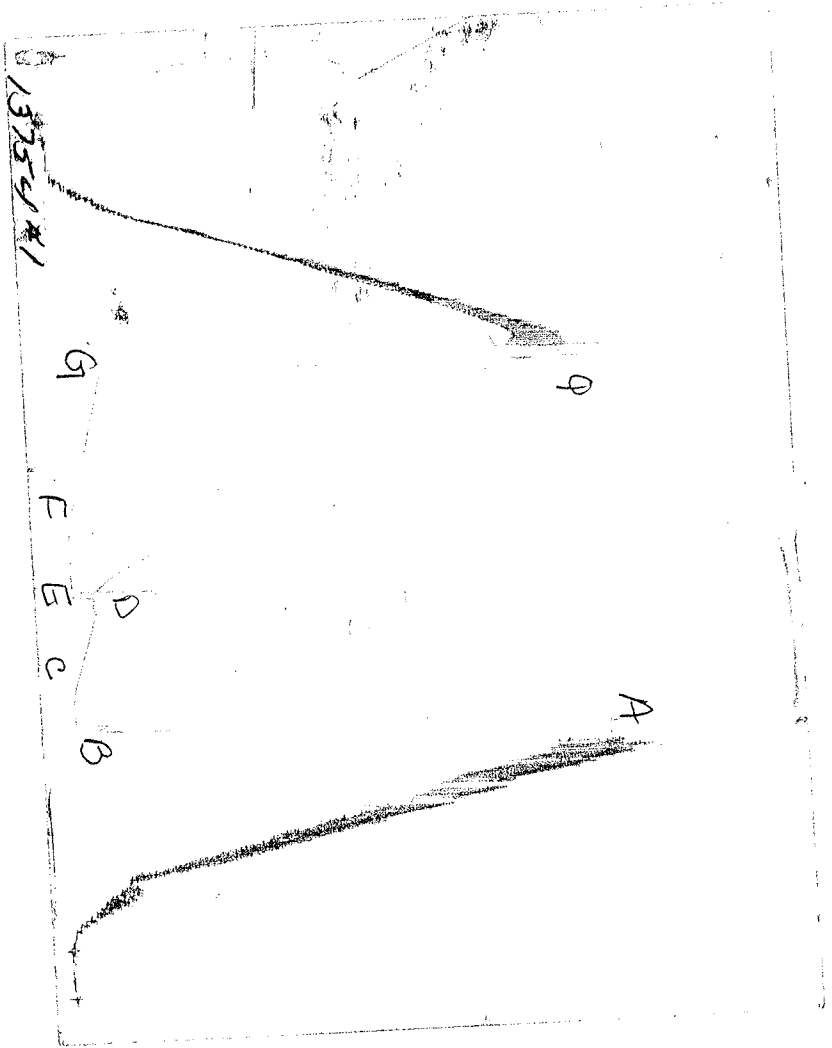
TK# 11523 DST# 1 Wynona #1 Raudson



Flag Points

t(Min.)	P(PSIg)
A: 0.00	2941.49
B: 0.00	39.02
C: 24.00	52.78
D: 61.00	193.53
E: 50.00	49.34
F: 119.00	263.36
G: 0.00	2719.76

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

No 11523

Well Name & No. <u>Wynona #1</u>	Test No. <u>1</u>	Date <u>9-7-99</u>
Company <u>Raydon Explor, Inc.</u>	Zone Tested <u>Morrow</u>	
Address <u>9400 N. Broadway, Suite 400, OKla City, OK 73114</u>		Elevation <u>2457</u> KB <u>2446</u> GL
Co. Rep / Geo. <u>Ed Grieres</u>	Cont. <u>Big A Drlg #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>7</u>	Twp. <u>35</u>	Rge. <u>29</u> Co. <u>Meade</u> State <u>Ks</u>
No. of Copies <u> </u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

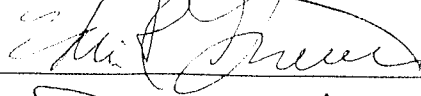
Interval Tested <u>5760 - 5810</u>	Initial Str Wt./Lbs. <u>100,000</u>	Unseated Str Wt./Lbs. <u>100,000</u>
Anchor Length <u>50</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>110,000</u>
Top Packer Depth <u>5755</u>	Tool Weight <u>1800</u>	
Bottom Packer Depth <u>5760</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>5810</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u>633</u>
Mud Wt. <u>9.1</u> LCM <u>5#</u> Vis. <u>56</u> WL <u>7.6</u>	Drill Pipe Size <u>4.5x14</u>	Ft. Run <u>5120</u>
Blow Description <u>I.F. weak - building to 8" fair blow</u>		

EF. Weak surface blow - flushed tool - good surge - blow built to 3"

Recovery — Total Feet <u>60</u>	GIP <u>200</u>	Ft. in DC <u>60</u>	Ft. in DP <u> </u>
Rec. <u>60</u> Feet Of <u>Drlg Mud</u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
BHT <u>127</u> °F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u>	°API <u> </u>
RW <u> </u> @ <u> </u> °F Chlorides <u> </u>	ppm Recovery <u> </u>	Chlorides <u>3800</u>	ppm System <u> </u>

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	<u>2898</u>	<u>2941</u>	PSI	Recorder No. <u>2350</u>	T-On Location	<u>06:00</u>
(B) First Initial Flow Pressure	<u>39</u>	<u>39</u>	PSI	(depth) <u>5763</u>	T-Started	<u>18:48</u>
(C) First Final Flow Pressure	<u>39</u>	<u>53</u>	PSI	Recorder No. <u>13754</u>	T-Open	<u>22:05</u>
(D) Initial Shut-In Pressure	<u>167</u>	<u>194</u>	PSI	(depth) <u>5807</u>	T-Pulled	<u>02:35</u>
(E) Second Initial Flow Pressure	<u>39</u>	<u>31</u>	PSI	Recorder No. <u> </u>	T-Out	<u>05:45</u>
(F) Second Final Flow Pressure	<u>49</u>	<u>49</u>	PSI	(depth) <u> </u>	T-Off Location	<u>06:15</u>
(G) Final Shut-in Pressure	<u>246</u>	<u>263</u>	PSI	Initial Opening <u>30</u>	Test	<u>800</u>
(Q) Final Hydrostatic Mud	<u>2695</u>	<u>2720</u>	PSI	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>	<u>200</u>
				Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/>	<u>50</u>
				Final Shut-in <u>120</u>	Straddle <u> </u>	

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 
 Our Representative Dan Bangle

Circ. Sub
 Sampler
 Extra Packer
 Elec. Rec. 150
 Mileage
 Other Shale Packer (1)
 TOTAL PRICE \$ 1350

TRILOBITE TESTING L.L.C.

OPERATOR : Raydon Explor, Inc.

DATE 9-9-99

WELL NAME: Wynona #1

KB 2457.00 ft

TICKET NO: 11524 DST #2

LOCATION : 7-35s-29w Meade co KS

GR 2446.00 ft

FORMATION: Morrow Sd

INTERVAL : 5833.00 To 5890.00 ft

TD 5890.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13754	13754	2350			PF Fr. 0938 to 1008 hr
SI 60	Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 1008 to 1108 hr
SF 60	Clock(hrs)	12	12	elect			SF Fr. 1108 to 1208 hr
FS 120	Depth(ft)	5887.0	5887.0	5836.0	0.0	0.0	FS Fr. 1208 to 1408 hr

	Field	1	2	3	4	
A. Init Hydro	2898.0	2891.0	2887.0	0.0	0.0	T STARTED 0639 hr
B. First Flow	39.0	43.0	29.0	0.0	0.0	T ON BOTM 0935 hr
B1. Final Flow	39.0	43.0	33.0	0.0	0.0	T OPEN 0938 hr
C. In Shut-in	157.0	160.0	167.0	0.0	0.0	T PULLED 1408 hr
D. Init Flow	39.0	43.0	28.0	0.0	0.0	T OUT 1715 hr
E. Final Flow	39.0	43.0	36.0	0.0	0.0	
F. Fl Shut-in	157.0	160.0	171.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2745.0	2777.0	2762.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 50.00 ft of 50.00 ft in DC and 0.00 ft in DP
 300.00 ft of Gas in pipe
 50.00 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

Unseated Str Wt 100000.00 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 633.00 ft
 D.P. Length 5178.00 ft

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

MUD DATA-----

Mud Type chemical
 Weight 9.00 lb/cf
 Vis. 46.00 S/L
 W.L. 7.60 in3
 F.C. 0.00 in
 Mud Drop N

BLOW DESCRIPTION

Initial Flow:
 Weak-building to 9" fair blow
 Initial Shut-in:
 Bled off blow-no blow back
 Final Flow:
 Weak-building to 4"
 Final Shut-in:
 Bled off blow-no blow back

Amt. of fill 0.00 ft
 Btm. H. Temp. 128.00 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 Grieves
 Contr. Big A
 Rig # 1
 Unit #
 Pump T.

SAMPLES:

SENT TO:

Test Successful: Y

Tk# 11524 DST# 2 Wynona #1 Raydon

TEST HISTORY

Flag Points

t (Min.)	P (PSig)
R: 0.00	2886.77
B: 0.00	28.78
C: 29.00	33.48
D: 59.00	187.34
E: 0.00	28.02
F: 63.00	35.74
G: 117.00	171.29
Q: 0.00	2782.22

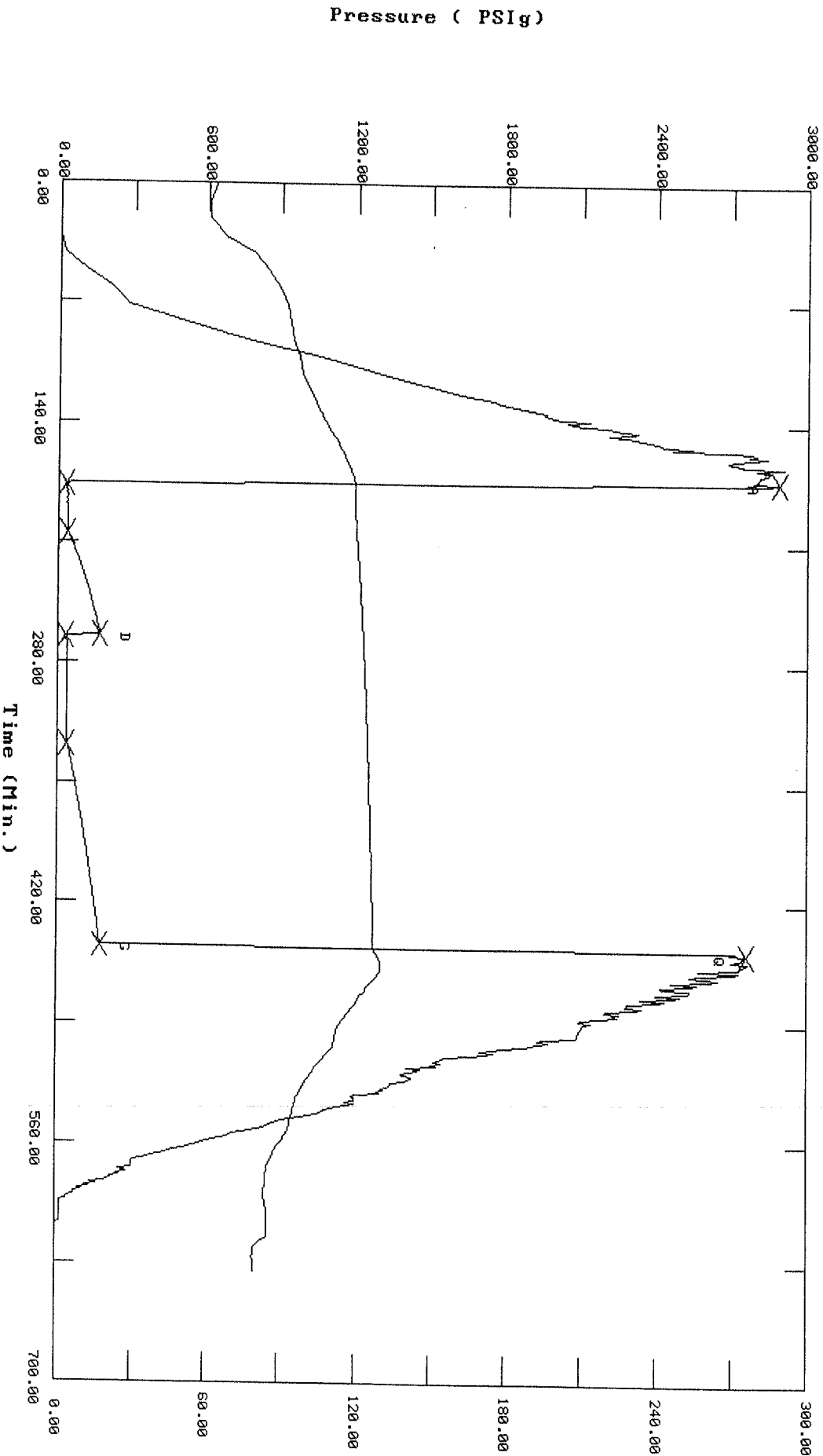
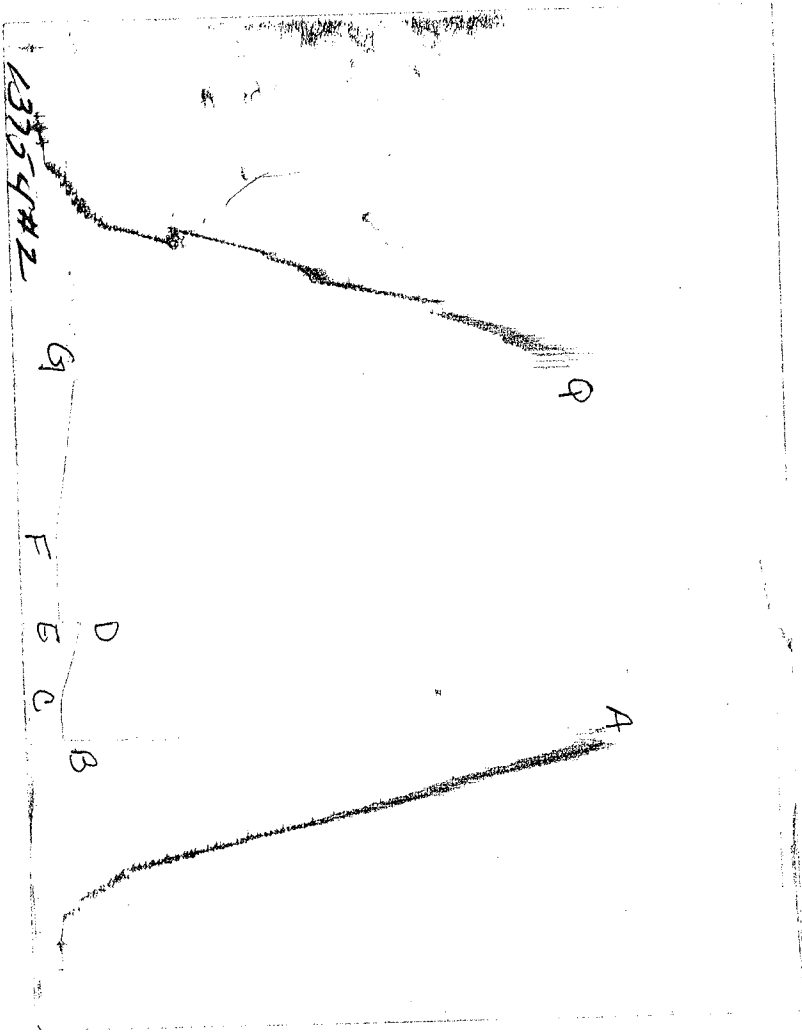


CHART PAGE



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

No 11524

Well Name & No. <u>Wynona #1</u>	Test No. <u>2</u>	Date <u>9-9-99</u>
Company <u>Raydon Explor. Inc</u>	Zone Tested <u>Morrow Sd</u>	
Address _____	Elevation <u>2457</u> KB <u>2446</u> GL	
Co. Rep/Geo. <u>Ed Griever</u>	Cont. <u>Big A Dalg #1</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>7</u>	Twp. <u>35</u>	Rge. <u>29</u> Co. <u>Meade</u> State <u>Ks</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>5833 - 5890</u>	Initial Str Wt./Lbs. <u>100,000</u>	Unseated Str Wt./Lbs. <u>100,000</u>
Anchor Length <u>57</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>150,000</u>
Top Packer Depth <u>5828</u>	Tool Weight <u>1800</u>	
Bottom Packer Depth <u>5833</u>	Hole Size — 7 7/8" _____	Rubber Size — 6 3/4" _____
Total Depth <u>5890</u>	Wt. Pipe Run _____	Drill Collar Run <u>633</u>
Mud Wt. <u>9</u> LCM <u>4</u> # Vis. <u>46</u> WL <u>2.6</u>	Drill Pipe Size <u>4.5XH</u>	Ft. Run <u>5178</u>
Blow Description <u>I.F. weak building to 9" fair blow</u> <u>I.S.I - Bled off blow - no blow back</u> <u>E.F. weak building to 4"</u> <u>FSI - Bled off blow - no blow back</u>		
Recovery — Total Feet <u>50</u>	GIP <u>300</u>	Ft. in DC <u>50</u> Ft. in DP _____
Rec. <u>50</u> Feet Of <u>Dalg Mud</u>	%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 _____
Rec. _____ Feet Of _____	%gas _____	%oil _____ %water _____ %mud _____
BHT <u>128</u> °F Gravity _____	*API D@ _____	°F Corrected Gravity _____ *API _____
RW _____ @ _____ °F Chlorides _____	ppm Recovery _____	Chlorides <u>4400</u> ppm System _____

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2898</u>	<u>2887</u>		<u>2350</u>	<u>06:00</u>
(B) First Initial Flow Pressure	<u>39</u>	<u>29</u>	PSI (depth)	<u>5836</u>	T-Started <u>06:39</u>
(C) First Final Flow Pressure	<u>39</u>	<u>33</u>	PSI Recorder No.	<u>13754</u>	T-Open <u>09:38</u>
(D) Initial Shut-In Pressure	<u>157</u>	<u>167</u>	PSI (depth)	<u>5887</u>	T-Pulled <u>14:08</u>
(E) Second Initial Flow Pressure	<u>39</u>	<u>28</u>	PSI Recorder No.		T-Out <u>17:15</u>
(F) Second Final Flow Pressure	<u>39</u>	<u>36</u>	PSI (depth)		T-Off Location _____
(G) Final Shut-in Pressure	<u>157</u>	<u>171</u>	PSI Initial Opening	<u>30</u>	Test <u>800</u>
(Q) Final Hydrostatic Mud	<u>2745</u>	<u>2762</u>	PSI Initial Shut-in	<u>60</u>	Jars <u>X</u> <u>200</u>
			Final Flow	<u>60</u>	Safety Joint <u>X</u> <u>50</u>
			Final Shut-in	<u>120</u>	Straddle _____

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Approved By Ed Griever

Our Representative Dan Rangle

Circ. Sub _____
Sampler _____
Extra Packer _____
Elec. Rec. X 150
Mileage _____
Other Shale Packer (1)
TOTAL PRICE \$ 1350

TRILOBITE TESTING L.L.C.

OPERATOR : Raydon Exploration Inc.
 WELL NAME: Wynona #1
 LOCATION : 7-35S-29W Meade co KS
 INTERVAL : 6114.00 To 6150.00 ft

DATE 9-12-99
 KB 2457.00 ft TICKET NO: 12181 DST #3
 GR 2447.00 ft FORMATION: Chester
 TD 6150.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10993	10993	3030			PF Fr. 1607 to 1637 hr
SI 60 Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 1637 to 1537 hr
SF 60 Clock(hrs)	12HR.	12HR.	Elet.			SF Fr. 1537 to 1637 hr
FS 120 Depth(ft)	6147.0	6147.0	6116.0	0.0	0.0	FS Fr. 1637 to 1837 hr

	Field	1	2	3	4	
A. Init Hydro	3110.0	3110.0	3052.0	0.0	0.0	T STARTED 1200 hr
B. First Flow	43.0	53.0	29.0	0.0	0.0	T ON BOTM 1312 hr
B1. Final Flow	43.0	32.0	30.0	0.0	0.0	T OPEN 1315 hr
C. In Shut-in	369.0	363.0	392.0	0.0	0.0	T PULLED 1837 hr
D. Init Flow	54.0	51.0	27.0	0.0	0.0	T OUT 2345 hr
E. Final Flow	32.0	32.0	31.0	0.0	0.0	
F. Fl Shut-in	391.0	384.0	409.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2951.0	2942.0	2952.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 145000.00 lbs
						Initial Str Wt 110000.00 lbs
						Unseated Str Wt 110000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.50 in
						D. Pipe ID 3.80 in
						D.C. Length 633.00 ft
						D.P. Length 5487.00 ft

RECOVERY

Tot Fluid 15.00 ft of 15.00 ft in DC and 0.00 ft in DP
 765.00 ft of Gas in pipe
 15.00 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

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

BLOW DESCRIPTION

Initial Flow:
 Weak surface blow
 Final Flow:
 Slow building blow bottom of bucket
 in 21 mins.

SAMPLES: NO
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 9.00 lb/cf
 Vis. 44.00 S/L
 W.L. 7.20 in3
 F.C. 0.00 in
 Mud Drop Y 50.0 ft

Amt. of fill 0.00 ft
 Btm. H. Temp. 131.00 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 Mike Colantonio
 Co. Rep. Ed Grieves
 Contr. Big "A"
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Wynona #1

LOCATION : 7-35S-29W Meade co KS

WELL No. 12181 D.S.T. No. 3 DATE 9-12-99

DEPTH FROM TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

DEPTH FROM TOP PACKERS AND ANCHOR 36

DEPTH FROM TOOL 63

DEPTH FROM HILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STANDS Single Total

P. ANCHOR STANDS Single Total

DEPTH FROM TOOL ASSEMBLY

C. ABOVE TOOLS STANDS 10 Single 1 Total 633

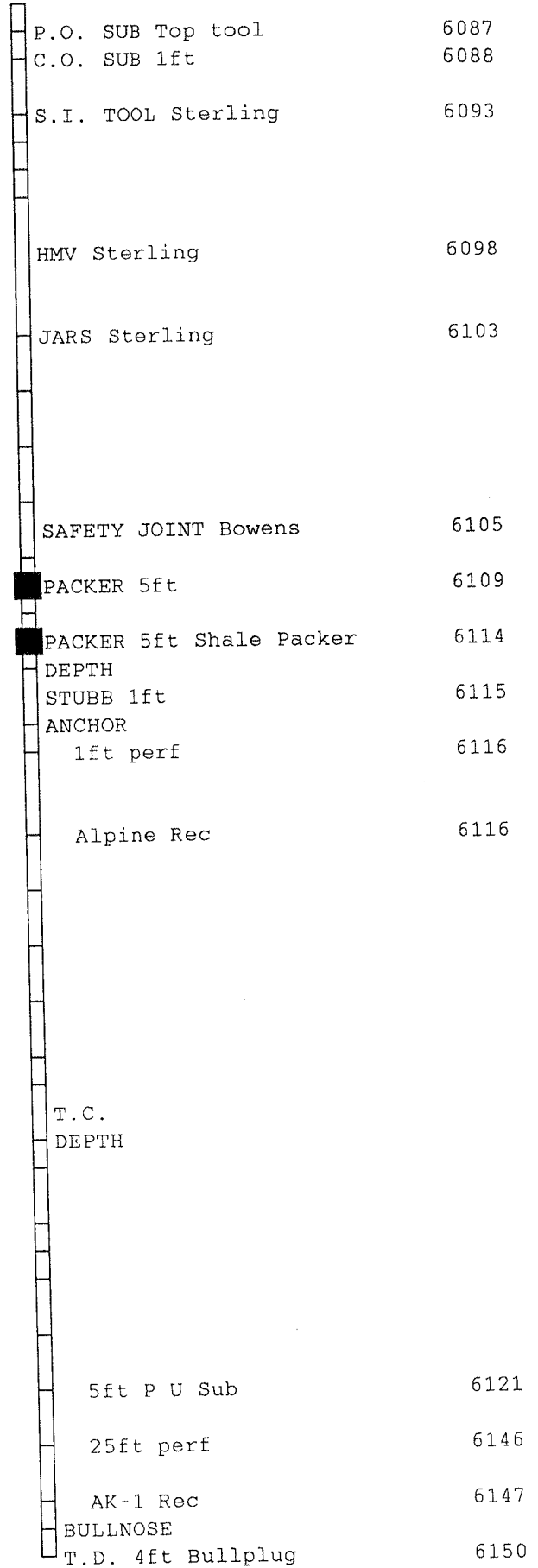
P. ABOVE TOOLS STANDS 88 Single 1 Total 5487

DEPTH FROM TOOL DRILL COLLARS DRILL PIPE & TOOLS .. 6183

DEPTH FROM TOOL TOTAL DEPTH 6150

DEPTH FROM TOOL TOTAL DRILL PIPE ABOVE K.B. 33

REMARKS:



12181 DST #3 Wynona #1 Raydon Exploration Inc.

TEST HISTORY

t(Min.) P(PSiG)

Flag Points

R:	0.00	3052.78
B:	0.00	29.44
C:	30.75	30.89
D:	59.00	392.90
E:	0.00	27.68
F:	60.00	31.61
G:	118.50	409.10
Q:	0.00	2952.80

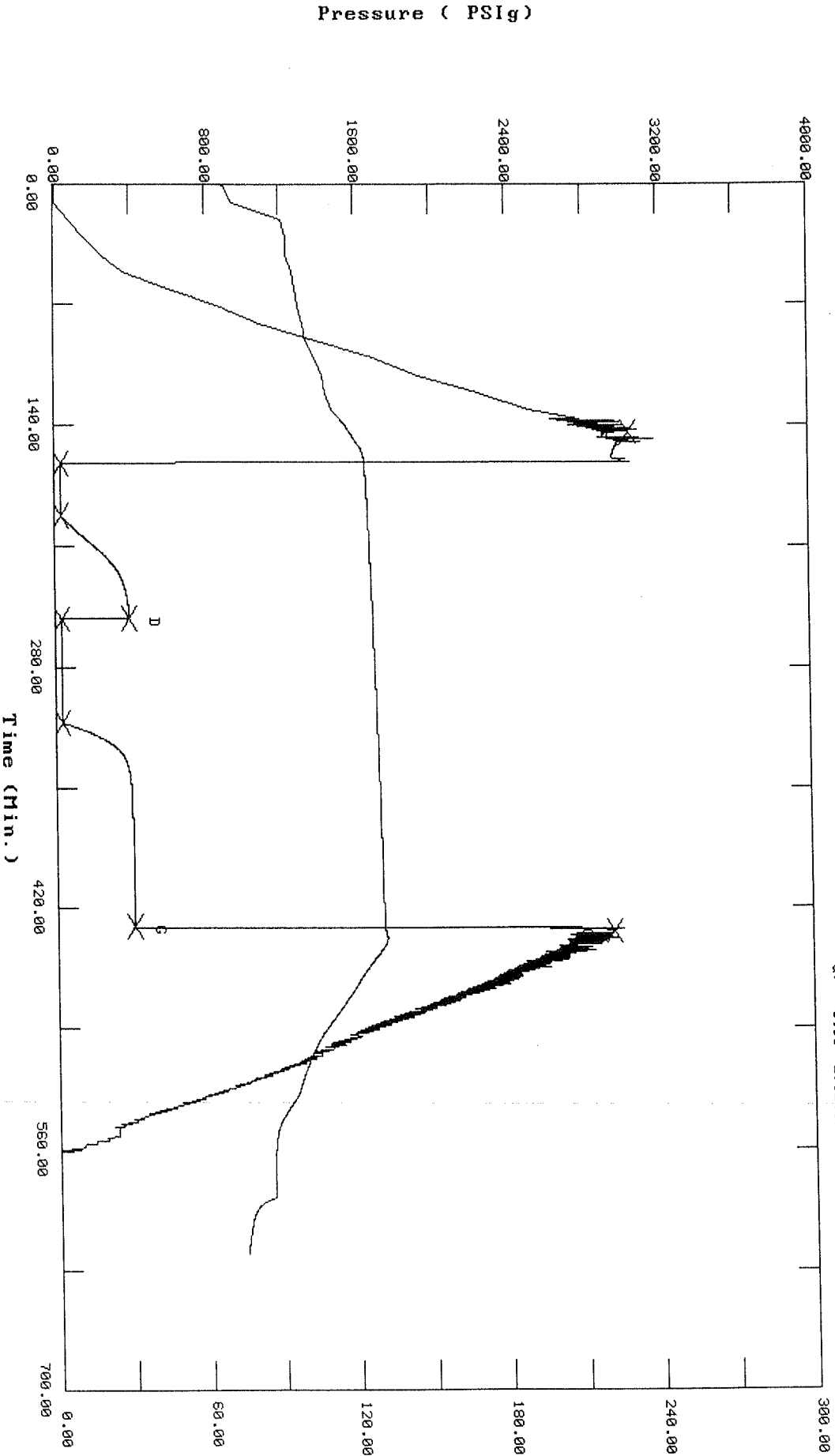
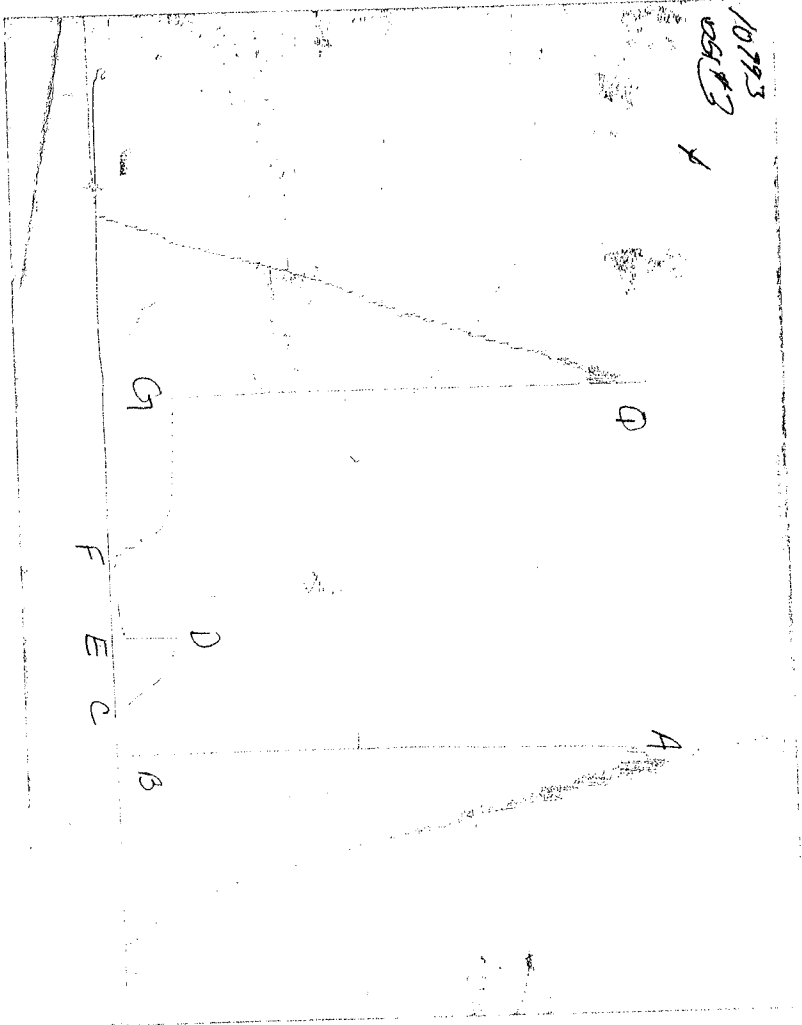


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 12181

Test Ticket

Well Name & No. <u>Wyrona #1</u>	Test No. <u>#3</u>	Date <u>9-12-99</u>
Company <u>Raydon Exploration Inc.</u>	Zone Tested <u>Chester</u>	
Address <u>900 N. Broadway Suite 400 Old City Ok. 73119</u>	Elevation <u>2457</u>	KB <u>2147</u> GL
Co. Rep / Geo. <u>Ed Greves</u>	Cont. <u>Bj "A" Rig #1</u>	Est. Ft. of Pay <u>8</u> Por. <u>10</u> %
Location: Sec. <u>07</u>	Twp. <u>35 S</u>	Rge. <u>29 W</u> Co. <u>Moark</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>6114-6150</u>	Initial Str Wt./Lbs. <u>110,000</u>	Unseated Str Wt./Lbs. <u>110,000</u>
Anchor Length <u>36'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>115,000</u>
Top Packer Depth <u>6109</u>	Tool Weight <u>1800</u>	
Bottom Packer Depth <u>6114</u>	Hole Size — 7 7/8" <u>A</u>	Rubber Size — 6 3/4" <u>X</u>
Total Depth <u>6150</u>	Wt. Pipe Run _____	Drill Collar Run <u>633' 10 1/2</u>
Mud Wt. <u>9.0</u> LCM <u>6"</u> Vis. <u>44</u> WL <u>7.2</u>	Drill Pipe Size <u>4.5 x 0</u>	Ft. Run <u>5487' 88 1/2</u>
Blow Description <u>Weak Surface Blow</u>		

2nd opening slow building blow B.O.B. in 21 min

Recovery — Total Feet <u>15</u>	GIP <u>765'</u>	Ft. in DC <u>15' Mud</u>	Ft. in DP _____
Rec. <u>15'</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 <u>121</u> °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides <u>5300</u> ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>3110</u>	<u>3052</u>		<u>3030</u>	<u>12:00 am</u>
(B) First Initial Flow Pressure	<u>43</u>	<u>29</u>		(depth) <u>6116</u>	T-Started <u>1:15 pm</u>
(C) First Final Flow Pressure	<u>43</u>	<u>30</u>		Recorder No. <u>10993</u>	T-Open <u>4:07 pm</u>
(D) Initial Shut-In Pressure	<u>369</u>	<u>392</u>		(depth) <u>6147</u>	T-Pulled <u>8:37 am</u>
(E) Second Initial Flow Pressure	<u>54</u>	<u>27</u>		Recorder No. _____	T-Out <u>11:45 am</u>
(F) Second Final Flow Pressure	<u>32</u>	<u>31</u>		(depth) _____	T-Off Location <u>1:15 pm</u>
(G) Final Shut-in Pressure	<u>391</u>	<u>407</u>		Initial Opening <u>30 min</u>	Test <input checked="" type="checkbox"/> <u>Conventional</u>
(Q) Final Hydrostatic Mud	<u>2951</u>	<u>2952</u>		Initial Shut-in <u>60 min</u>	Jars <input checked="" type="checkbox"/>
				Final Flow <u>60 min</u>	Safety Joint <input checked="" type="checkbox"/>
				Final Shut-in <u>120 min</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 [Signature]

Our Representative [Signature]

Circ. Sub <input checked="" type="checkbox"/> <u>N/C</u>
Sampler _____
Extra Packer <u>1.5 Hole</u>
Elec. Rec. <input checked="" type="checkbox"/>
Mileage _____
Other _____
TOTAL PRICE \$ _____

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TRILOBITE TESTING L.L.C.

OPERATOR : Raydon Exploration Inc.
 WELL NAME: Wynona #1
 LOCATION : 7-35S-29W Meade co KS
 INTERVAL : 6320.00 To 6350.00 ft

DATE 9-14-99
 KB 2457.00 ft TICKET NO: 12182 DST #4
 GR 2447.00 ft FORMATION: St. Louis
 TD 6350.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10993	10993	3030			PF Fr. 1250 to 1320 hr
SI 60 Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 1320 to 1420 hr
SF 60 Clock(hrs)	12HR.	12HR.	Elet.			SF Fr. 1420 to 1520 hr
FS 120 Depth(ft)	6347.0	6347.0	6321.0	0.0	0.0	FS Fr. 1520 to 1720 hr

	Field	1	2	3	4	
A. Init Hydro	3416.0	3343.0	3238.0	0.0	0.0	T STARTED 1010 hr
B. First Flow	143.0	158.0	74.0	0.0	0.0	T ON BOTM 1248 hr
Bl. Final Flow	176.0	179.0	187.0	0.0	0.0	T OPEN 1250 hr
C. In Shut-in	2041.0	1991.0	2015.0	0.0	0.0	T PULLED 1720 hr
D. Init Flow	275.0	292.0	185.0	0.0	0.0	T OUT 2145 hr
E. Final Flow	297.0	400.0	378.0	0.0	0.0	
F. Fl Shut-in	2074.0	2023.0	2020.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	3252.0	3222.0	3116.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 165000.00 lbs
						Initial Str Wt 110000.00 lbs
						Unseated Str Wt 112000.00 lbs

RECOVERY

Tot Fluid 965.00 ft of	633.00 ft in DC and	332.00 ft in DP				
482.00 ft of Clean gassy oil	30%Gas 70%Oil					Bot Choke 0.75 in
120.00 ft of Gassy slight oil	cut mud 30%Gas 20%Oil 50%Mud					Hole Size 7.78 in
120.00 ft of Gassy slight oil	and water cut mud					D Col. ID 2.50 in
0.00 ft of 30% gas 5% oil	5% water 60% mud					D. Pipe ID 3.80 in
243.00 ft of Muddy water	90% water 10% mud					D.C. Length 633.00 ft
0.00 ft of .097Res	62.1Temp					D.P. Length 5673.00 ft
0.00 ft of 130000 Chlorides						
0.00 ft of						
SALINITY 130000.00 P.P.M.	A.P.I. Gravity 32.30					

BLOW DESCRIPTION

1st opening Very strong blow B.O.B in 1 min. GTS in 20 min MCF @ 34300

ISI Bled off blow B.O.B in 25 min

2nd opening strong blow B.O.B in 1 min MCF @ 39600

FSI Bled offblow B.O.B in 9 min.

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	65.00 S/L
W.L.	7.60 in3
F.C.	0.00 in
Mud Drop Y	50.0 ft

Amt. of fill	0.00 ft
Btm. H. Temp.	134.00 F
Hole Condition	Good
% Porosity	14.00
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. Ed Grieves
 Contr. Big "A"
 Rig # 1
 Unit #
 Pump T.

SAMPLES: Yes 1

SENT TO:Caraway Lab Liberal.

Test Successful: Y

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:	995066	Analyzed:	09/15/99
Sample From:	Wynona #1 DST 4	Pressure:	
Producer:	Raydon Exploration	Temperature:	
Date:		Location:	7-35-29
Time:		County:	Meade
Sampler:	Mike Colantonio	State:	Kansas
Source:		Formation:	St. Louis

	Mole %	GPM
Helium	He: 0.016	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 1.042	0.000
Carbon Dioxide	CO2: 0.117	0.000
Methane	C1: 69.905	0.000
Ethane	C2: 11.374	3.042
Propane	C3: 7.564	2.084
Iso Butane	iC4: 1.272	0.416
Normal Butane	nC4: 3.383	1.067
Iso Pentane	iC5: 0.867	0.317
Normal Pentane	nC5: 1.343	0.486
Hexanes Plus	C6+: 3.117	1.360

TOTAL: 100.000 8.772
 Z Fact: 0.9946
 SP.GR.: 0.8863
 BTU (SAT): 1483.1 @ 14.73 psia
 BTU (DRY): 1509.4 @ 14.73 psia
 OCTANE RATING: 116.2

COMMENTS:

0.000

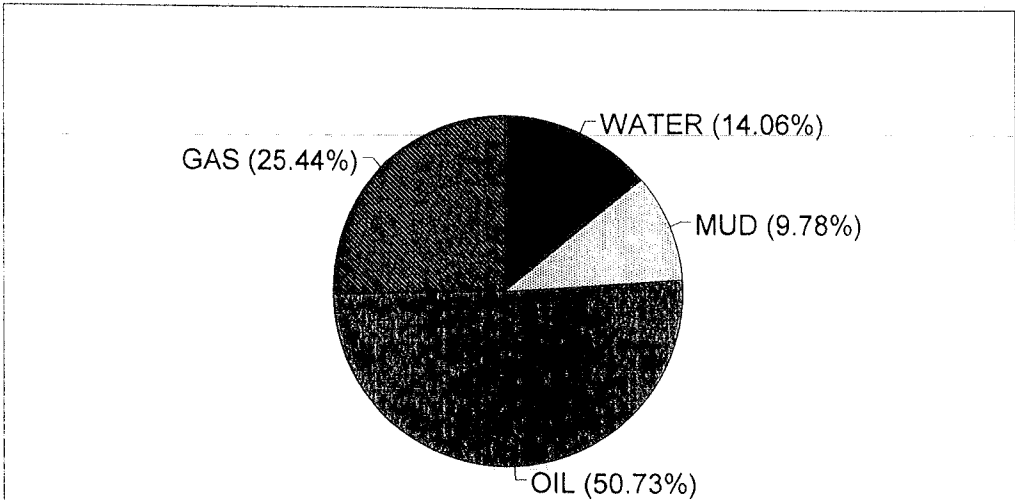
CALCULATED RECOVERY ANALYSIS

DST 4

TICKET 12182

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD		
		%	FEET	%	FEET	%	FEET	%	FEET	
DRILL	1	332	30	99.6	70	232.4	0	0	0	0
PIPE	2	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0
WEIGHT	1	0	0	0	0	0	0	0	0	0
PIPE	2	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
DRILL	1	150	30	45	70	105	0	0	0	0
COLLARS	2	120	30	36	20	24	0	0	50	60
	3	120	30	36	5	6	5	6	60	72
	4	243	0	0	0	0	90	218.7	10	24.3
	5	0	0	0	0	0	0	0	0	0
TOTAL		965	0	216.6	0	367.4	0	224.7	0	156.3

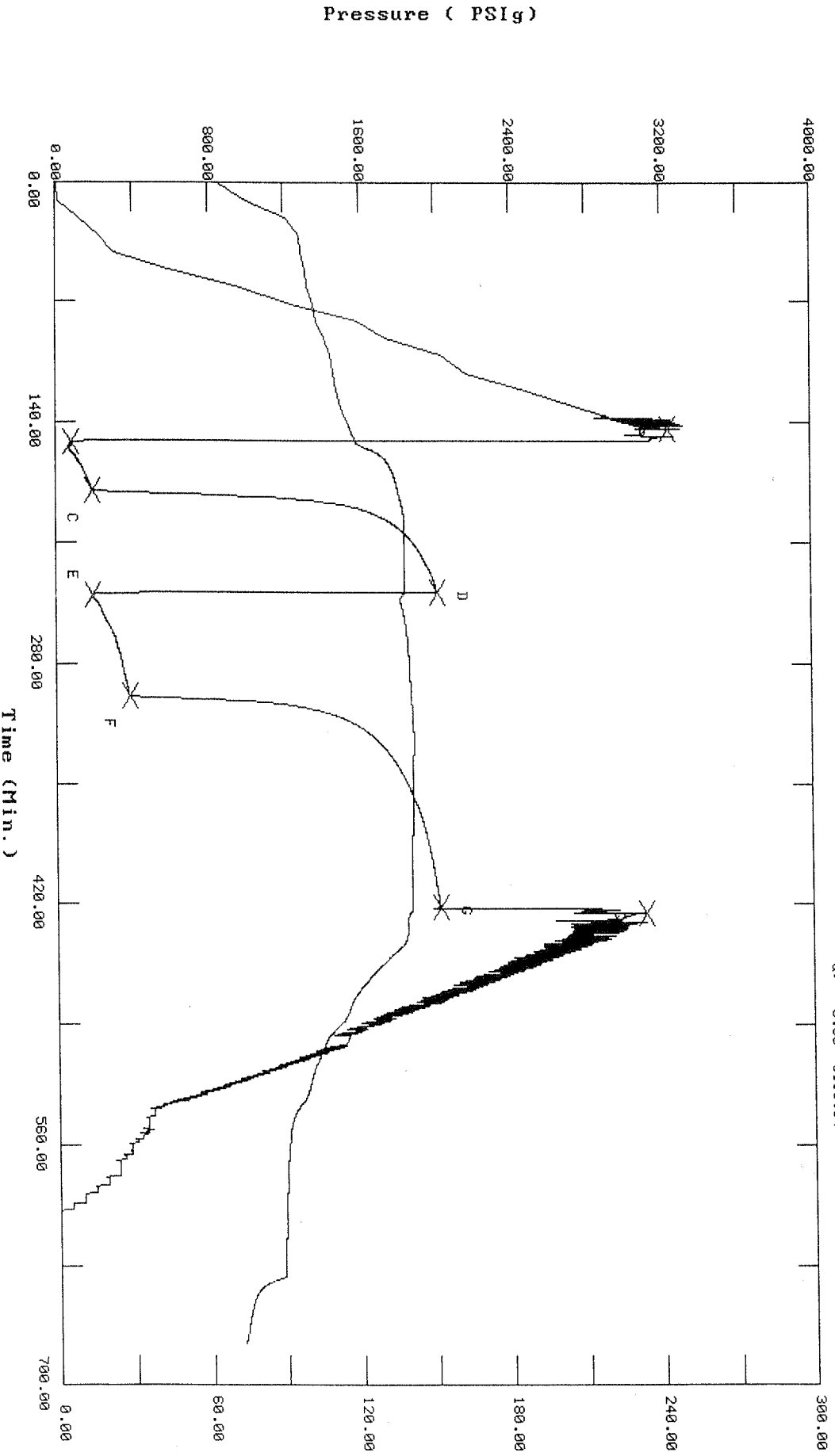
BBL OIL= 3.964878 * HRS OPEN 1.5 = BBL/DAY 63.43805
 BBL WATER= 1.098783 * = 17.58053
 BBL MUD= 0.764307
 BBL GAS = 1.988442



TEST HISTORY
 12182 DST #4 Wynona #1 Raydon Exploration Inc.

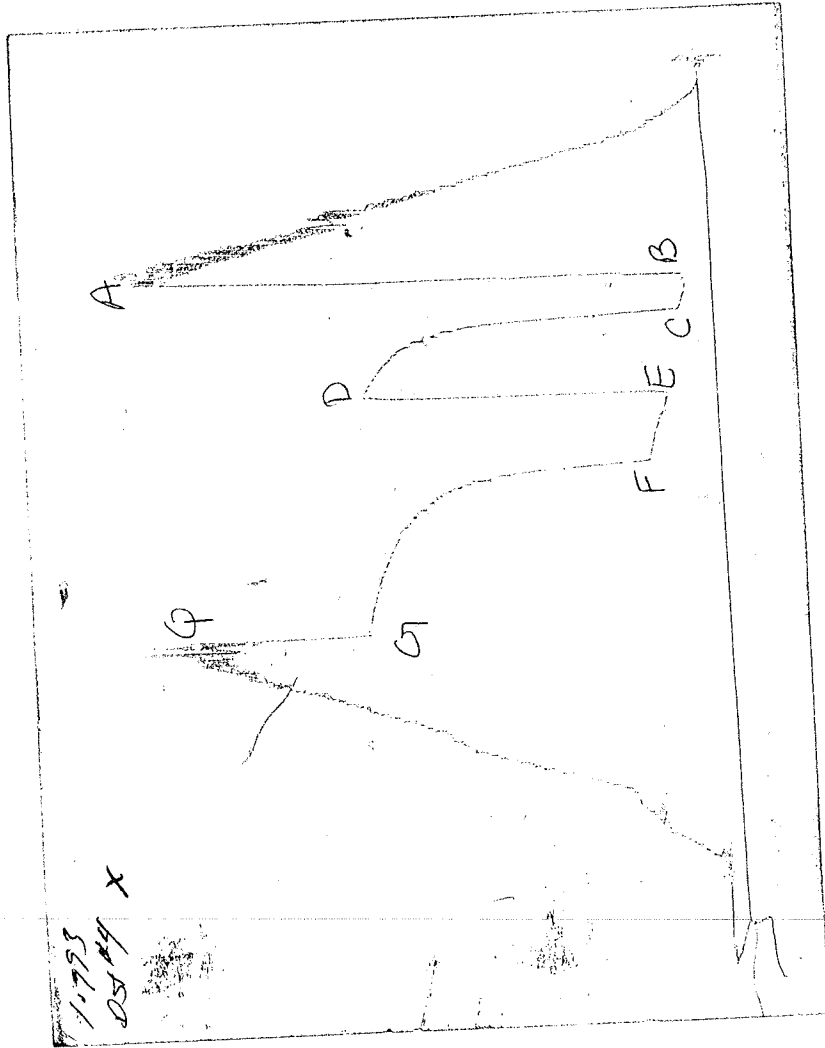
Flag Points

t (Min.)	Pk (PSig)
A: 0.00	3238.87
B: 0.00	74.79
C: 28.25	187.02
D: 58.75	2015.28
E: 0.00	185.78
F: 58.50	378.02
G: 122.75	2020.45
Q: 0.00	3116.54



Temperature (DEG F)

CHART PAGE



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

206104

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 12182

Test Ticket

Well Name & No. Wynona #1 Test No. #4 Date 9-14-99
 Company Raydon Exploration Inc. Zone Tested St. Louis
 Address OK City OK. 73114 Elevation 2457 KB2447 GL
 Co. Rep / Geo. FDG/UCVCS Cont. Big "A" Rig #1 Est. Ft. of Pay 1' Por. 14 %
 Location: Sec. 7 Twp. 35S Rge. D9W Co. Meade State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 6320-6350 Initial Str Wt./Lbs. 110,000 Unseated Str Wt./Lbs. 112,000
 Anchor Length 30' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 165,000
 Top Packer Depth 6315' Tool Weight 1,500
 Bottom Packer Depth 6370 Hole Size — 7 7/8" X Rubber Size — 6 3/4" X
 Total Depth 6350 Wt. Pipe Run _____ Drill Collar Run 633 rods

Mud Wt. 9.0 LCM 6" Vis. 61 WL 76 Drill Pipe Size 4.5 X-0 Ft. Run 5673 921c
 Blow Description Very Strong Blow B.O.B in 1 min 675 Domin MCF @ 34300
1st Blk off 2" Had B.O.B Blow Back in 25 min.
2nd very Strong Blow B.O.B in 1 min MCF @ 39600
3rd Blk off 2" took 20 min B.O.B in 9 min.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
482'	C-C-O	30 %gas 70%oil	%water %mud
120'	C-S-O-C-M	30 %gas 20%oil	%water 50% mud
120'	C-S-O-C-W-C-M	30 %gas 5 %oil	5 %water 60 %mud
273'	M-W	%gas %oil	90 %water 10 %mud
		%gas %oil	%water %mud

BHT 134 °F Gravity 33 °API D@ 70 °F Corrected Gravity 32.9 °API
 RW 097 @ 62.1 °F Chlorides 130,000 ppm Recovery Chlorides 9900 ppm System

	AK-1	Alpine	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	3416	3238	3030	9' WMA
(B) First Initial Flow Pressure	143	74	(depth) 6321	T-Started 10:10 AM
(C) First Final Flow Pressure	176	187	Recorder No. 10993	T-Open 12:50 PM
(D) Initial Shut-In Pressure	2041	2015	(depth) 6347	T-Pulled 5:20 PM
(E) Second Initial Flow Pressure	275	185	Recorder No.	T-Out 9:45 AM
(F) Second Final Flow Pressure	277	378	(depth)	T-Off Location 10:45 PM
(G) Final Shut-in Pressure	2074	2020	Initial Opening 30 min	Test / Concentration
(Q) Final Hydrostatic Mud	3252	3116	Initial Shut-in 60 min	Jars /
			Final Flow 60 min	Safety Joint /
			Final Shut-in 120 min	Straddle /

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Approved By [Signature]
 Our Representative [Signature]

Circ. Sub n/c
 Sampler _____
 Extra Packer _____
 Elec. Rec. ✓
 Mileage _____
 Other _____
 TOTAL PRICE \$ _____