

WELL NAME: #1 Cronin "A"
COMPANY: Daystar Petroleum, Inc.
LOCATION: 31-32s-18w
Comanche co Kansas
DATE: 7/18/00

OPERATOR : Daystar Petroleum, Inc.

DATE 07/09/200

WELL NAME: #1 Cronin"A"

KB 2129.00 ft

TICKET NO: 12804

DST #1

LOCATION : 31-32s-18w Comanche co KS

GR 2121.00 ft

FORMATION: Hertha

INTERVAL : 4980.00 To 4991.00 ft

TD 4991.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13805	13805	2350			PF Fr. 1730 to 1800 hr
SI 60 Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 1800 to 1900 hr
SF 30 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 1900 to 1930 hr
FS 90 Depth(ft)	4988.0	4988.0	4986.0	0.0	0.0	FS Fr. 1930 to 2100 hr

	Field	1	2	3	4	
A. Init Hydro	2496.0	2470.0	2535.0	0.0	0.0	T STARTED 1446 hr
B. First Flow	86.0	98.0	26.0	0.0	0.0	T ON BOTM 1727 hr
B1. Final Flow	151.0	159.0	128.0	0.0	0.0	T OPEN 1730 hr
C. In Shut-in	1759.0	1778.0	1793.0	0.0	0.0	T PULLED 2100 hr
D. Init Flow	172.0	190.0	133.0	0.0	0.0	T OUT 2300 hr
E. Final Flow	205.0	234.0	209.0	0.0	0.0	
F. Fl Shut-in	1727.0	1759.0	1786.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2506.0	2482.0	2443.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 56000.00 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 4979.00 ft
						D.P. Length 0.00 ft

RECOVERY

Tot Fluid 310.00 ft of 0.00 ft in DC and 310.00 ft in DP
 60.00 ft of Slightly mud cut water
 0.00 ft of 90% water 10% mud
 250.00 ft of Salt water
 0.00 ft of 100% water
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 28000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Fair blow built to 11" in H2O bucket.

Initial Shut-In:

Bled down for 10 minutes. No blow back.

Final Flow:

Weak blow built to 7-1/2" in H2O bucket.

Final Shut-In:

Bled down for 10 minutes. No blow back.

SAMPLES: Caraway Analytical, 728 N.Roosevelt

SENT TO: Liberal, Ks. 67901

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	54.00 S/L
W.L.	8.80 in3
F.C.	0.32 in

Mud Drop N

Amt. of fill	0.00 ft
Btm. H. Temp.	125.00 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 L.Amerine
Co. Rep.	Ken LaBlanc
Contr.	Duke
Rig #	4
Unit #	none
Pump T.	none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: #1 Cronin"A"

LOCATION : 31-32s-18w Comanche co KS

TICKET No. 12804 D.S.T. No. 1 DATE 07/09/200

TOTAL TOOL TO BOTTOM OF TOP PACKERS 31

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 11

TOTAL TOOL 42

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.Stands80 Single Total 4979

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5021

TOTAL DEPTH 4991

TOTAL DRILL PIPE ABOVE K.B. 30

REMARKS:

P.O. SUB Top of tool @	4953
C.O. SUB	4954
S.I. TOOL	4959
HMV	4964
JARS	4969
SAFETY JOINT	4971
PACKER	4975
PACKER	4980
DEPTH 4980	
1'to	4981
ANCHOR 8' of perfs.to	4989
Alpine rec.@ 4986	
Ak-1 rec.@ 4988	
BULLNOSE 2'bullnose to	4991
T.D.	

TEST HISTORY

Tk#12804 DST#1 #1 Cronin "A" Daystar Petroleum, Inc.

Flag Points
t(Min.) P(PSig)

A: 0.00 2535.03
B: 0.00 26.43
C: 30.50 127.73
D: 59.75 1792.69
E: 0.00 132.68
F: 30.25 209.48
G: 90.75 1785.90
Q: 0.00 2443.30

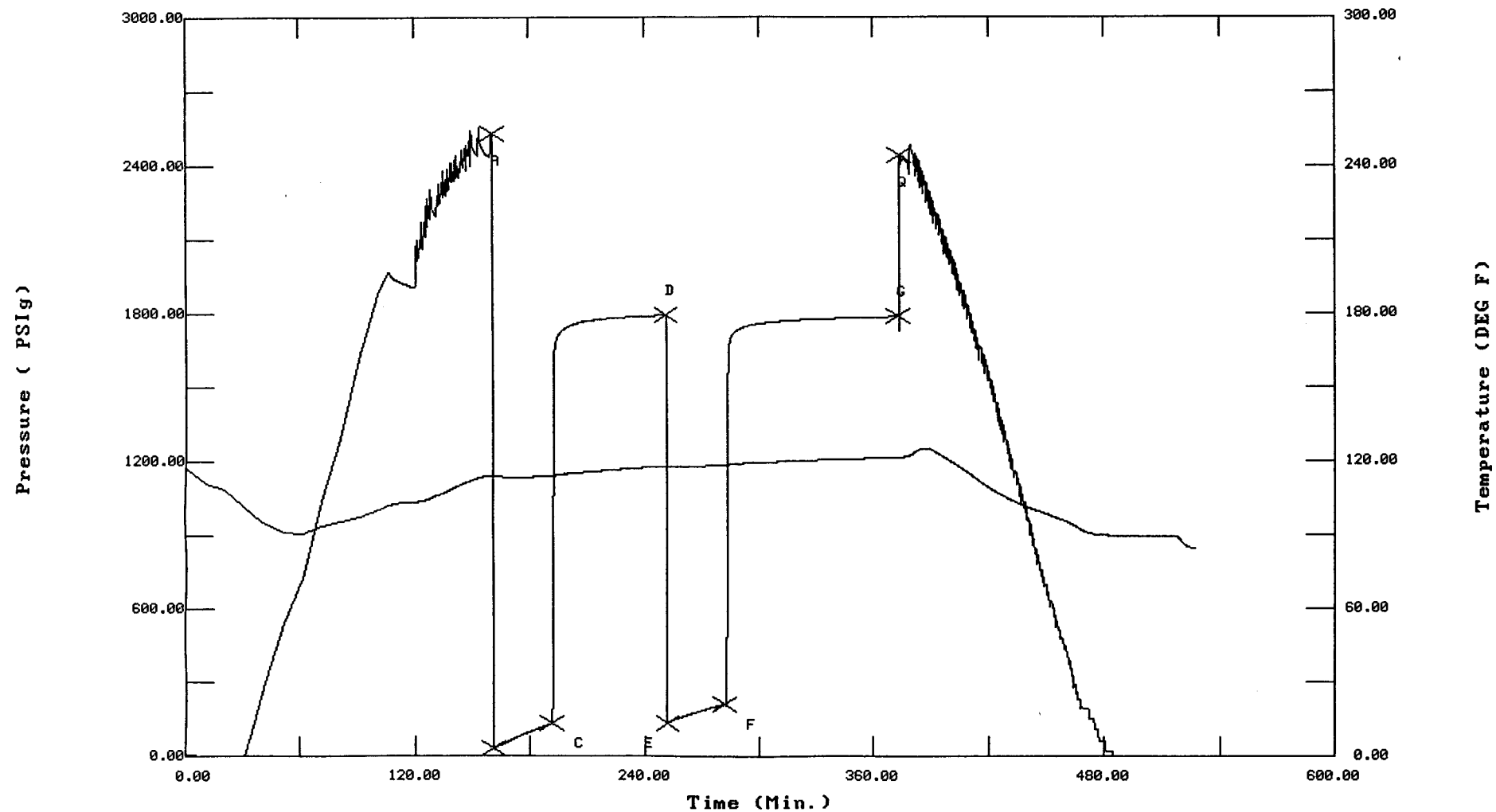
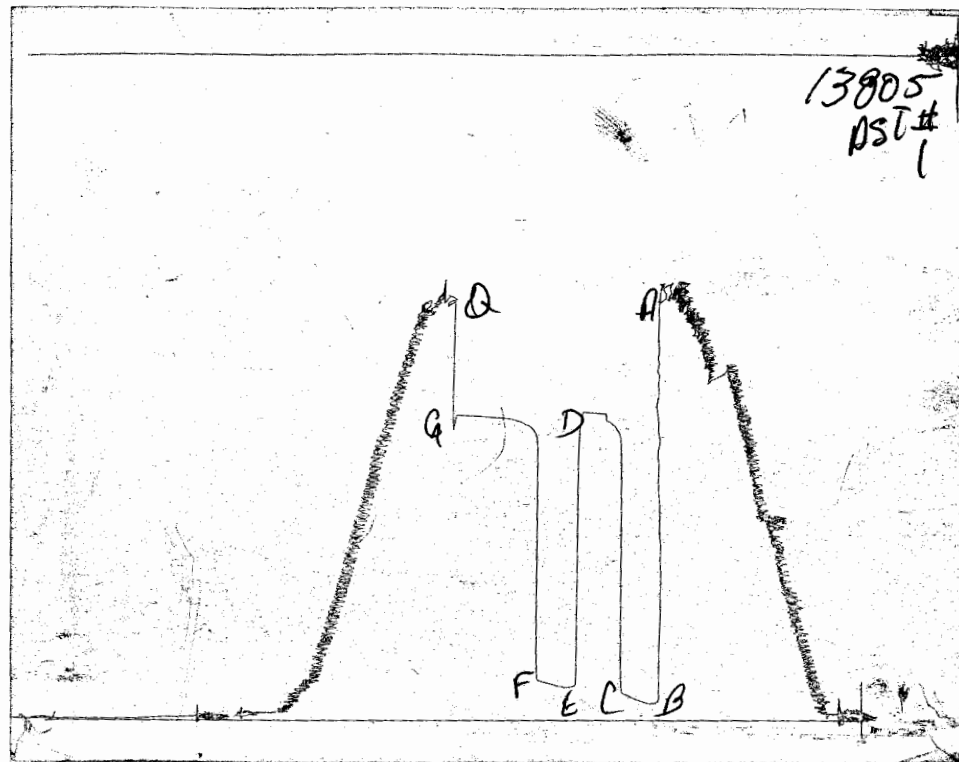


CHART PAGE



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 12804

Well Name & No. #1 Canyon "H" Test No. 11 Date 07/09/2000
 Company Daystar Pet. Inc. 1321 W 93rd N. Zone Tested Hertha
 Address Valley Center, KS 67147 Elevation 2129 KB 2121 GL
 Co. Rep / Geo. Ken Lablanc Cont. Duke #4 Est. Ft. of Pay Por. %
 Location: Sec. 31 Twp. 32S Rge. 18W Co. Comanche State KS
 No. of Copies 5 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4980' - 4991' Initial Str Wt./Lbs. 56000 Unseated Str Wt./Lbs. 56000
 Anchor Length 11' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 7500
 Top Packer Depth 4975' Tool Weight 2100
 Bottom Packer Depth 4980' Hole Size — 7 7/8" ☒ Rubber Size — 6 3/4" ☒
 Total Depth 4991' Wt. Pipe Run N/A Drill Collar Run N/A
 Mud Wt. 9.2 LCM 0 Vis. 64 WL 0.8 Drill Pipe Size 4 1/2 XH Ft. Run 4979'

Blow Description TF: Fair blow built to 11" in #120 bucket.
IST: Blud down for 10 mins. No blow back
FF: Weak blow built to 7 1/2" in #120 bucket.
FSI: Blud down for 10 mins. No blow back.

Recovery — Total Feet 310' GIP N/A Ft. in DC N/A Ft. in DP 310'
 Rec. 60 Feet Of SMCW %gas %oil 90 %water 10 %mud
 Rec. 250 Feet Of Salt Water %gas %oil 100 %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 125° °F Gravity °API D@ °F Corrected Gravity °API
 RW .4 @ 83 °F Chlorides 28000 ppm Recovery Chlorides 6000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2496</u>	<u>2535</u>		<u>2350</u>	<u>1330</u>
(B) First Initial Flow Pressure	<u>86</u>	<u>26</u>		(depth) <u>4986'</u>	T-Started <u>1746</u>
(C) First Final Flow Pressure	<u>151</u>	<u>128</u>		Recorder No. <u>12885-13805</u>	T-Open <u>1730</u>
(D) Initial Shut-In Pressure	<u>1759</u>	<u>1793</u>		(depth) <u>4988'</u>	T-Pulled <u>2100</u>
(E) Second Initial Flow Pressure	<u>172</u>	<u>133</u>		Recorder No. <u> </u>	T-Out <u>2300</u>
(F) Second Final Flow Pressure	<u>205</u>	<u>209</u>		(depth) <u> </u>	T-Off Location <u>0000</u>
(G) Final Shut-in Pressure	<u>1727</u>	<u>1786</u>		Initial Opening <u>30</u>	Test <u>✓ 700</u>
(Q) Final Hydrostatic Mud	<u>2506</u>	<u>2443</u>		Initial Shut-in <u>60</u>	Jars <u>✓ 200</u>
				Final Flow <u>30</u>	Safety Joint <u>✓ 50</u>
				Final Shut-in <u>90</u>	Straddle <u> </u>
					Circ. Sub <u> </u>
					Sampler <u> </u>
					Extra Packer <u> </u>
					Elec. Rec. <u>✓ 150</u>
					Mileage <u> </u>
					Other <u> </u>
					TOTAL PRICE \$ <u>1100</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 Ken Blenc

Our Representative Darren J. Poirine

TRILOBITE TESTING L.L.C.

OPERATOR : Daystar Petroleum, Inc.

DATE 07/10/200

WELL NAME: #1 Cronin"A"

KB 2129.00 ft

TICKET NO: 12805

DST #2

LOCATION : 31-32s-18w Comanche co KS

GR 2121.00 ft

FORMATION: Altamont

INTERVAL : 5120.00 To 5135.00 ft

TD 5135.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13805	13805	2350			PF Fr. 2340 to 0010 hr
SI 60 Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 0010 to 0110 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 0110 to 0210 hr
FS 90 Depth(ft)	5132.0	5132.0	5126.0	0.0	0.0	FS Fr. 0210 to 0340 hr

	Field	1	2	3	4	
A. Init Hydro	2624.0	2627.0	2610.0	0.0	0.0	T STARTED 2053 hr
B. First Flow	86.0	81.0	55.0	0.0	0.0	T ON BOTM 2337 hr
Bl. Final Flow	86.0	84.0	71.0	0.0	0.0	T OPEN 2340 hr
C. In Shut-in	1791.0	1799.0	1789.0	0.0	0.0	T PULLED 0340 hr
D. Init Flow	97.0	104.0	51.0	0.0	0.0	T OUT 0645 hr
E. Final Flow	129.0	132.0	113.0	0.0	0.0	
F. Fl Shut-in	1759.0	1756.0	1743.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2603.0	2613.0	2539.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 56000.00 lbs
						Unseated Str Wt 58000.00 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 5107.00 ft

RECOVERY

Tot Fluid 240.00 ft of 0.00 ft in DC and 240.00 ft in DP
 4867.00 ft of Gas in pipe.
 180.00 ft of Free oil slightly gas cut
 0.00 ft of 4% gas 96% oil
 60.00 ft of Heavy oil & gas cut mud
 0.00 ft of 60% gas 20% oil 20% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 0.00 P.P.M. A.P.I. Gravity 38.00

BLOW DESCRIPTION

Initial Flow:

Strong blow. Bottom of bucket in 15 seconds. Gas to surface in 12 minutes
 Gauge gas.

Initial Shut-In:

Bled down for 10 minutes. No blow back.

Final Flow:

Strong blow bottom of bucket in 10 seconds. Gauge gas.

Final Shut-In:

Bled down for 10 minutes. Very slight blow back 1/8-1/4" in H2O bucket.

SAMPLES: Caraway Analytical

SENT TO: Liberal, Ks. 67901

MUD DATA-----

Mud Type	Chemical
Weight	8.80 lb/c
Vis.	48.00 S/L
W.L.	9.60 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 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 L. Amerine
Co. Rep.	Ken LaBlanc
Contr.	Duke
Rig #	4
Unit #	none
Pump T.	none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: #1 Cronin"A"	P.O. SUB Top of tool @	5093
	C.O. SUB	5094
LOCATION : 31-32s-18w Comanche co KS	S.I. TOOL	5099
TICKET No. 12805 D.S.T. No. 2 DATE 07/10/200		
TOTAL TOOL TO BOTTOM OF TOP PACKERS 31	HMV	5104
INTERVAL TOOL		
BOTTOM PACKERS AND ANCHOR 15	JARS	5109
TOTAL TOOL 46		
DRILL COLLAR ANCHOR IN INTERVAL		
D.C. ANCHOR STND.Stands Single Total	SAFETY JOINT	5111
D.P. ANCHOR STND.Stands Single Total	PACKER	5115
TOTAL ASSEMBLY	PACKER	5120
D.C. ABOVE TOOLS.Stands Single Total	DEPTH 5120	
D.P. ABOVE TOOLS.Stands82 Single Total 5107	1'to	5121
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5153	ANCHOR 9'of perfs.to	5130
	Alpine rec.@ 5126	
TOTAL DEPTH 5135		
TOTAL DRILL PIPE ABOVE K.B. 18		
REMARKS:		
		5130
	Ak-1 rec. @ 5132	
	BULLNOSE 5'bullnose to	5135
	T.D.	

GAS RECOVERY

COMPANY: Daystar Petroleum, Inc.

DATE: 07/10/200

WELL NAME: #1 Cronin"A"

KB Elev: 2129.00 ft TICKET #12805 DST #2

WELL LOCATION: 31-32s-18w Comanche co KS

GR Elev: 2121.00 ft FORMATION: Altamont

INTERVAL Fr.: 5120.00 To 5135.00 T.D.: 5135.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Merla gauge

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
15	0.25	3	0	15700.0
20	0.25	8	0	26100.0
25	0.25	12	0	34000.0
30	0.25	14	0	37600.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.25	12	0	34000.0
10	0.25	15	0	39200.0
15	0.25	18	0	43500.0
20	0.25	19	0	45500.0
25	0.25	21	0	48700.0
30	0.25	22	0	50200.0
35	0.25	23	0	51800.0
40	0.25	24	0	53200.0
45	0.25	24	0	53200.0
50	0.25	24	0	53200.0
55	0.25	24	0	53200.0
60	0.25	23	0	51800.0

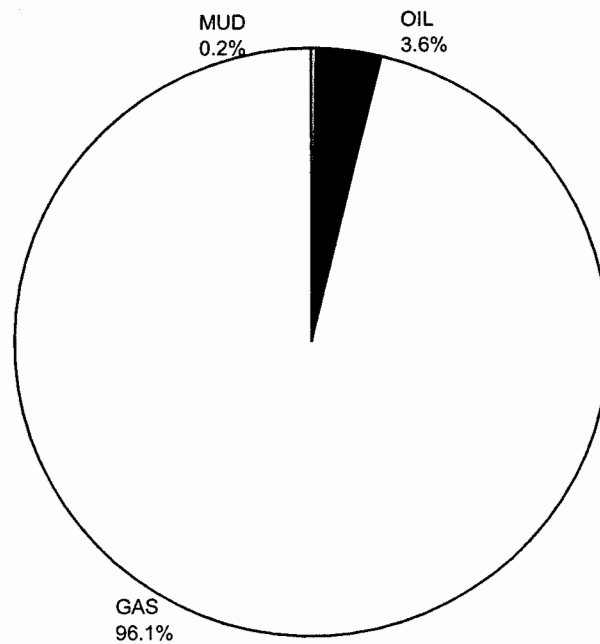
CALCULATED RECOVERY ANALYSIS

DST 2

TICKET 12805

SAMPLE #		TOTAL FEET	GAS %	FEET	OIL %	FEET	WATER %	FEET	MUD %	FEET
DRILL	1	4867	100	4867	0	0	0	0	0	0
PIPE	2	180	4	7.2	96	172.8	0	0	0	0
	3	60	60	36	20	12	0	0	20	12
	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	0	0	0	0	0	0	0	0	0
COLLARS	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
TOTAL		5107	0	4910.2	0	184.8	0	0	0	12

BBL OIL=	2.627856	*	HRS OPEN	1.5	=	BBL/DAY	42.045696
BBL WATER=	0	*			=		0
BBL MUD=	0.17064						
BBL GAS =	69.823044						



TEST HISTORY

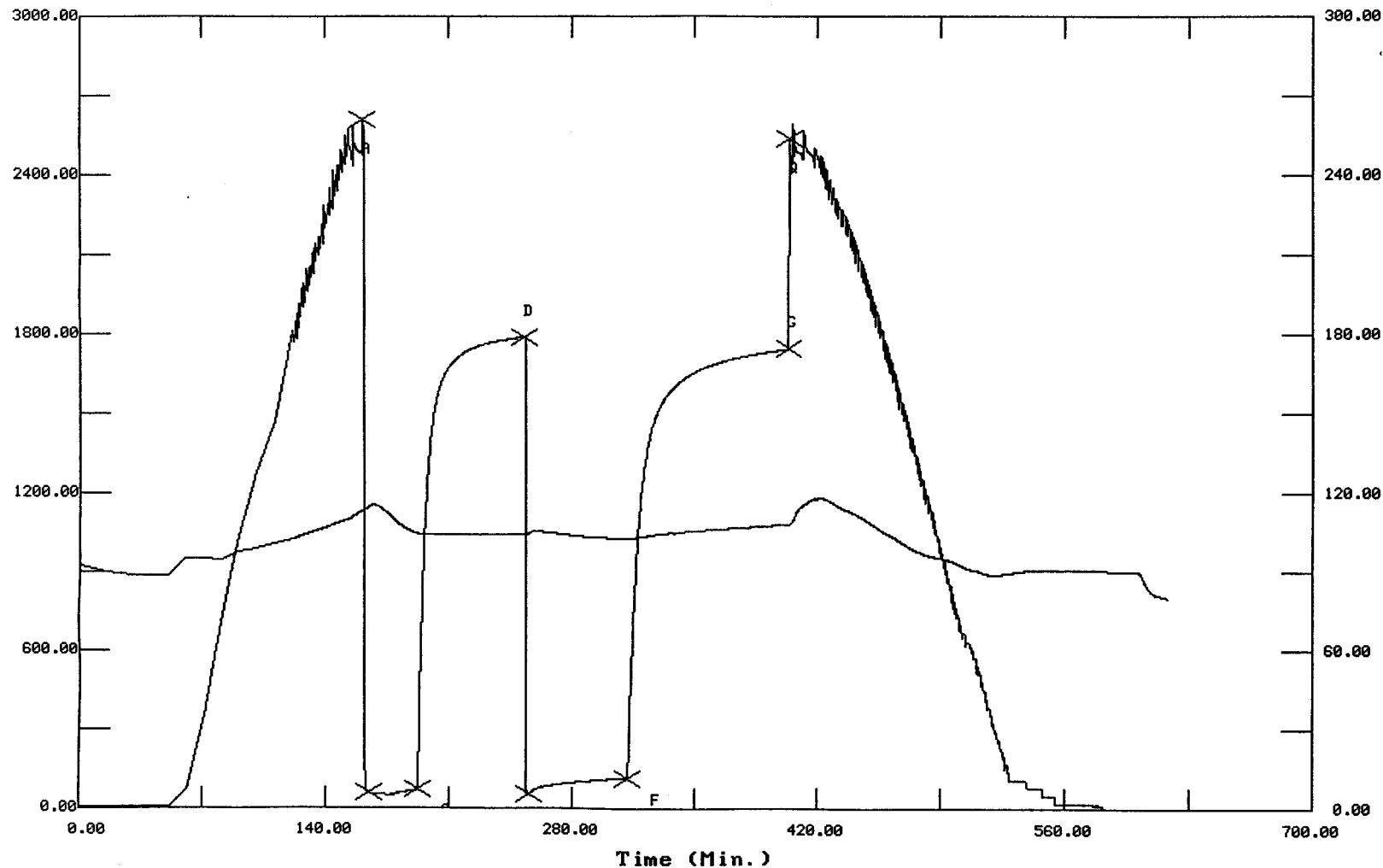
Tk#12805 DST#2 #1 Cronin'A' Daystar Petroleum, Inc.

Flag Points

t(Min.) P(PSIg)

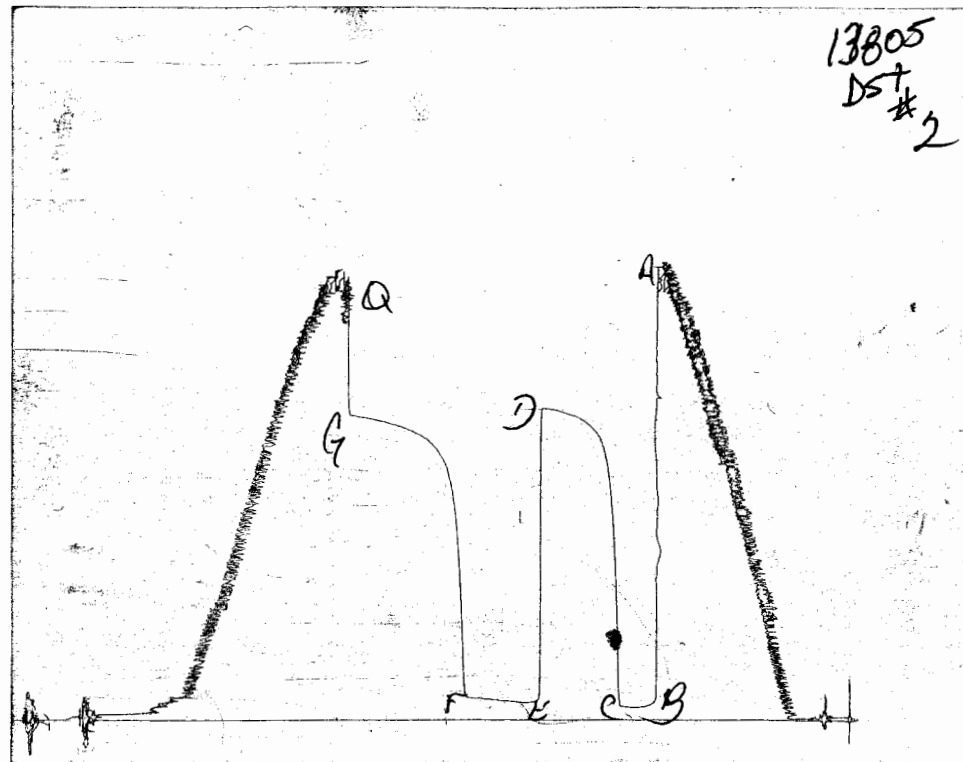
R:	0.00	2609.64
B:	0.00	54.88
C:	27.50	70.83
D:	60.75	1788.75
E:	0.00	50.85
F:	57.00	112.79
G:	91.00	1743.09
Q:	0.00	2538.98

Pressure (PSIg)



Temperature (DEG F)

CHART PAGE



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



GAS VOLUME REPORT

Daystar Pet Inc
OPERATOR

#1 Cronin "A"

WELL NAME AND NO

Altamont

DST NO.

675 in 12 mins.

Final Flour

[illegible]

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 12805

Well Name & No.	#1 Cronin "A"	Test No.	#2	Date	07/10/2000
Company	Daystar Pet, Inc	1321 W. 93rd N.	Zone Tested	Altamont	
Address	Valley Center, KS	67147	Elevation	2129	KB 2121 GL
Co. Rep / Geo.	Ken Lablanc	Cont. Duke #4	Est. Ft. of Pay		Por. %
Location: Sec.	31	Twp. 32S	Rge. 18W	Co. Comanche	State KS
No. of Copies	5	Distribution Sheet (Y, N)	Turnkey (Y, N)	Evaluation (Y, N)	

Interval Tested	5120' - 5135'	Initial Str Wt./Lbs.	56000	Unseated Str Wt./Lbs.	58000
Anchor Length	15'	Wt. Set Lbs.	20,000	Wt. Pulled Loose/Lbs.	75000
Top Packer Depth	5115'	Tool Weight	2100		
Bottom Packer Depth	5120'	Hole Size — 7 7/8"	✓	Rubber Size — 6 3/4"	✓
Total Depth	5135'	Wt. Pipe Run	21A	Drill Collar Run	
Mud Wt. 8.8 LCM	Vis. 48	WL 9.6	Drill Pipe Size 2 1/2 XH	Ft. Run	5107'
Blow Description	IF: Strong blow b.o.b in 15 sec. B.T.S in 12 mins. Gauge 60 1ST: Bleed down for 10 mins No blow back. FF: Strong blow b.o.b in 10 sec. Gauge Cons. FST: Bleed down for 10 mins Very slight blow back 1/8-1/4" in H2O bed.				
Recovery — Total Feet	240'	GIP	4867	Ft. in DC	
Rec.	180'	Feet Of	Free Oil 56C 4	%gas 96	%oil
Rec.	60	Feet Of	HD 6CM	60	%gas 20
Rec.	4867'	Feet Of	Gas To pipe	%oil	%water 20
Rec.		Feet Of		%water	%mud
Rec.		Feet Of		%water	%mud
BHT	118	°F Gravity	38	°API D@	
RW		°F Chlorides	8500	ppm Recovery	

(A) Initial Hydrostatic Mud	2624	AK-1	2610	PSI Recorder No.	2350	T-On Location	1945
(B) First Initial Flow Pressure	86		55	PSI (depth)	5126'	T-Started	2053
(C) First Final Flow Pressure	86		71	PSI Recorder No.	13805	T-Open	2340
(D) Initial Shut-In Pressure	1791		1789	PSI (depth)	5132'	T-Pulled	0340
(E) Second Initial Flow Pressure	97		51	PSI Recorder No.		T-Out	0645
(F) Second Final Flow Pressure	129		113	PSI (depth)		T-Off Location	0730
(G) Final Shut-in Pressure	1759		1743	PSI Initial Opening	30	Test	✓ 800
(Q) Final Hydrostatic Mud	2603		2539	PSI Initial Shut-in	60	Jars	✓ 200
				Final Flow	60	Safety Joint	✓ 50
				Final Shut-in	90	Straddle	

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Approved By Ken Lablanc

Our Representative Darren J. Cornelius

Mileage 150
Other 1 hr 30
TOTAL PRICE \$ 1230

TRILOBITE TESTING L.L.C.

OPERATOR : Daystar Petroleum, Inc.

DATE 07/12/200

WELL NAME: #1 Cronin"A"

KB 2129.00 ft

TICKET NO: 12806 DST #3

LOCATION : sec.31 twp.32s rge.18w

GR 2121.00 ft

FORMATION: Pawnee/Ft.Scott

INTERVAL : 5183.00 To 5220.00 ft

TD 5220.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13805	13805	2350			PF Fr. 0318 to 0348 hr
SI 60 Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 0348 to 0448 hr
SF 90 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 0448 to 0618 hr
FS 120 Depth(ft)	5217.0	5217.0	5189.0	0.0	0.0	FS Fr. 0618 to 0818 hr

	Field	1	2	3	4	
A. Init Hydro	2645.0	2645.0	2632.0	0.0	0.0	T STARTED 2255 hr
B. First Flow	86.0	87.0	26.0	0.0	0.0	T ON BOTM 0315 hr
B1. Final Flow	86.0	73.0	33.0	0.0	0.0	T OPEN 0318 hr
C. In Shut-in	1801.0	1799.0	1788.0	0.0	0.0	T PULLED 0818 hr
D. Init Flow	97.0	91.0	36.0	0.0	0.0	T OUT 1045 hr
E. Final Flow	108.0	96.0	53.0	0.0	0.0	
F. Fl Shut-in	1844.0	1837.0	1802.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2656.0	2648.0	2590.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 80000.00 lbs
						Initial Str Wt 56000.00 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 5170.00 ft

RECOVERY

Tot Fluid 80.00 ft of 0.00 ft in DC and 80.00 ft in DP
 5090.00 ft of Gas in pipe.
 80.00 ft of Slightly oil & gas cut muddy water
 0.00 ft of 8% gas 4% oil 40% water 48% 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 25000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Strong blow. Bottom of bucket in 30 seconds.

Initial Shut-In:

Bled down for 5 minutes. No blow back

Final Flow:

Strong blow. Bottom of bucket in 10 seconds. Gas to surface in 5 minutes. Gauge gas.

Final Shut-In:

Bled down for 10 minutes. No blow back.

SAMPLES: Caraway Analytical 728 N.Roosevelt

SENT TO: Liberal, Ks. 67901

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	47.00 S/L
W.L.	11.20 in3
F.C.	0.32 in

Mud Drop N

Amt. of fill	0.00 ft
Btm. H. Temp.	124.00 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 L.Amerine

Co. Rep. Ken LaBlanc

Contr. Duke

Rig # 4

Unit # none

Pump T. none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: #1 Cronin"A"

LOCATION : sec.31 twp.32s rge.18w

TICKET No. 12806 D.S.T. No. 3 DATE 07/12/200

TOTAL TOOL TO BOTTOM OF TOP PACKERS 31

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 37

TOTAL TOOL 68

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
1	1	1
2	1	1
3	1	1
4	1	1
5	1	1
6	1	1
7	1	1
8	1	1
9	1	1
10	1	1
11	1	1
12	1	1
13	1	1
14	1	1
15	1	1
16	1	1
17	1	1
18	1	1
19	1	1
20	1	1
21	1	1
22	1	1
23	1	1
24	1	1
25	1	1
26	1	1
27	1	1
28	1	1
29	1	1
30	1	1
31	1	1
32	1	1
33	1	1
34	1	1
35	1	1
36	1	1
37	1	1
38	1	1
39	1	1
40	1	1
41	1	1
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85	1	1
86	1	1
87	1	1
88	1	1
89	1	1
90	1	1
91	1	1
92	1	1
93	1	1
94	1	1
95	1	1
96	1	1
97	1	1
98	1	1
99	1	1
100	1	1

D.P. ABOVE TOOLS.Stands83 Single Total 5170

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5238

TOTAL DEPTH 5220

TOTAL DRILL PIPE ABOVE K.B. 22

REMARKS:

H P.O. SUB Top of tool @ 5156

H.C.O. SUB 5157

H.S.I. TOOL 5162

HMV 5167

HJARS 5172

SAFETY JOINT	5174
--------------	------

PACKER 5178

PACKER 5183

DEPTH 5183

1'to 5184

ANCHOR 31' of perfs.to 5215

Alpine rec.@ 5189

5215

H Ak-1 rec. @ 5217

BULLNOSE 5' bullnose to 5220

U.T.D.

GAS RECOVERY

COMPANY: Daystar Petroleum, Inc.

DATE: 07/12/200

WELL NAME: #1 Cronin"A"

KB Elev: 2129.00 ft TICKET #12806 DST #3

WELL LOCATION: sec.31 twp.32s rge.18w

GR Elev: 2121.00 ft FORMATION: Pawnee/Ft.Scott

INTERVAL Fr.: 5183.00 To 5220.00 T.D.: 5220.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Merla Gauge

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.25	0	14	6330.0
10	0.25	0	24	8220.0
15	0.25	0	28	8890.0
20	0.25	0	32	9500.0
25	0.25	0	36	10100.0
30	0.25	0	38	10400.0
35	0.25	0	38	10400.0
40	0.25	0	36	10100.0
45	0.25	0	36	10100.0
50	0.25	0	36	10100.0
55	0.25	0	38	10400.0
60	0.25	0	40	10600.0
65	0.25	0	42	10900.0
70	0.25	0	44	11100.0
75	0.25	0	44	11100.0
80	0.25	0	44	11100.0
85	0.25	0	44	11100.0
90	0.25	0	44	11100.0

TEST HISTORY

Tk#12806 DST#3 #1Cronin"A" Daystar Petroleum, Inc.

Flag Points

t(Min.) P(PSig)

A: 0.00 2631.55
B: 0.00 25.76
C: 28.00 32.97
D: 59.75 1787.82
E: 0.00 35.66
F: 87.75 52.95
G: 129.00 1801.67
Q: 0.00 2589.92

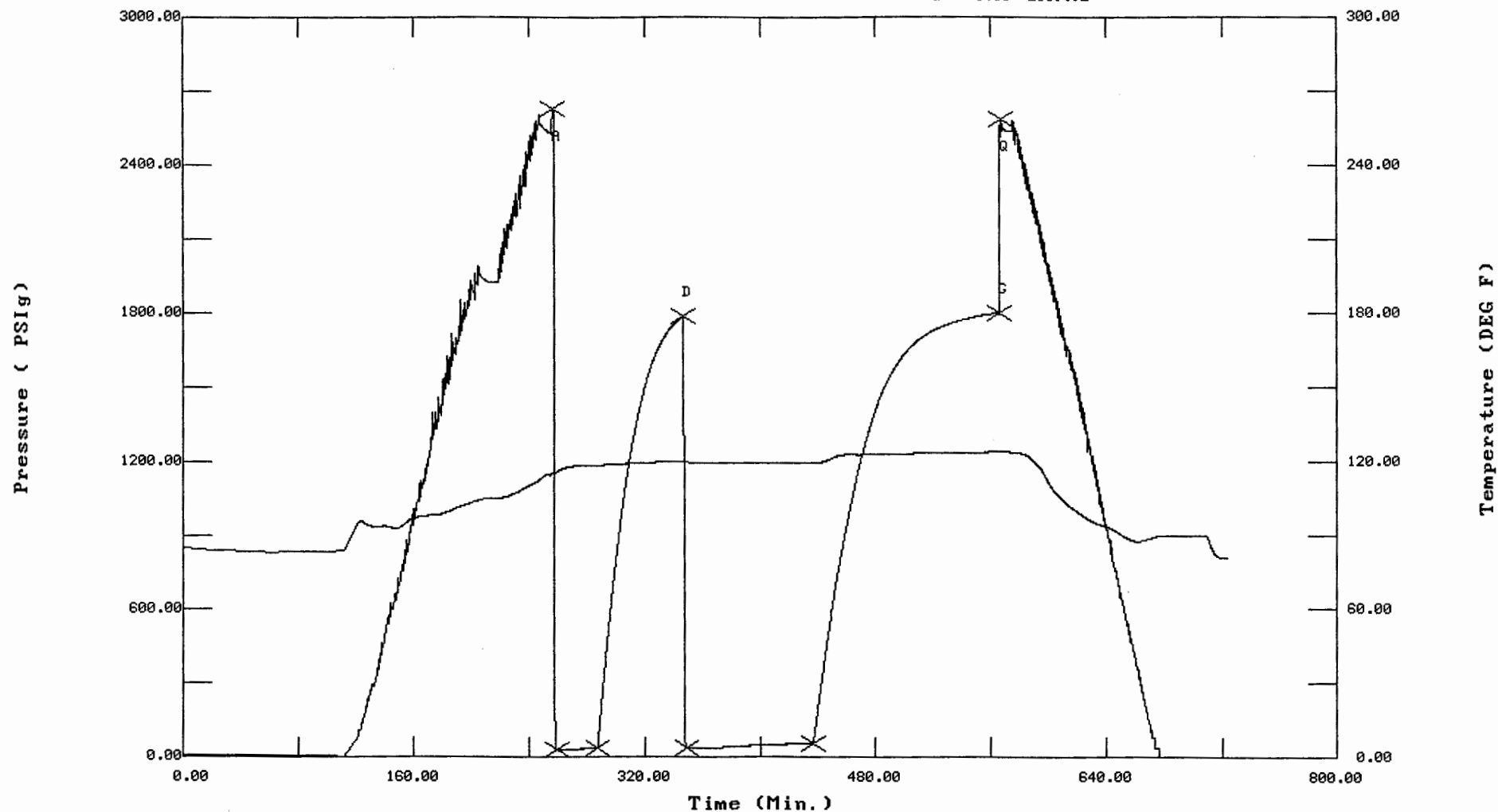
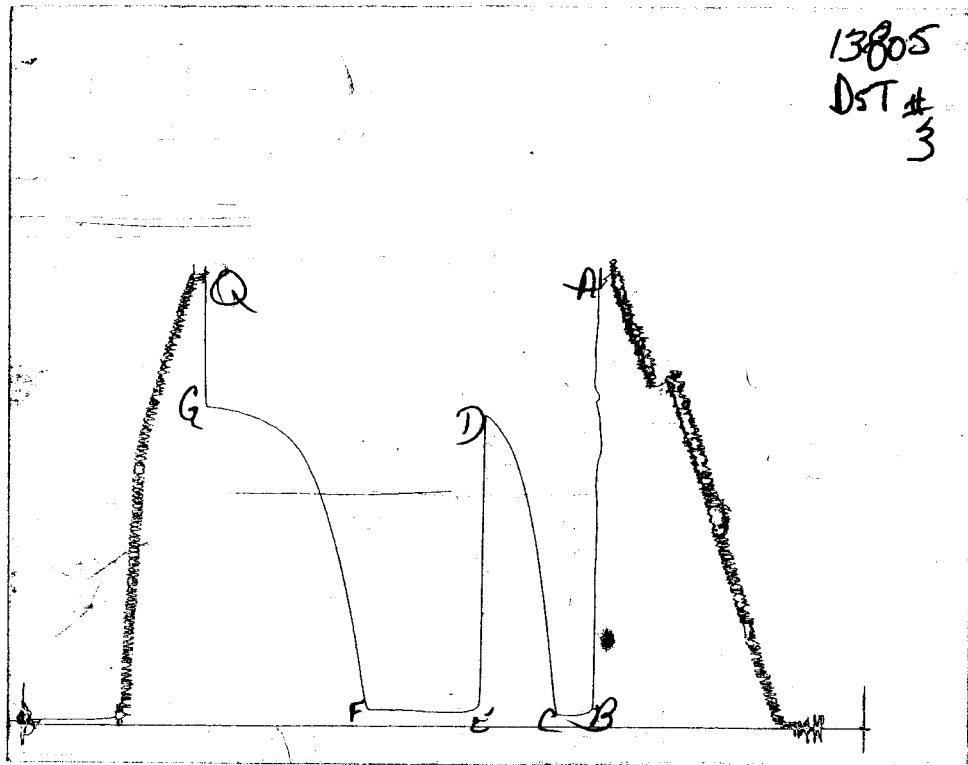
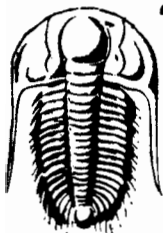


CHART PAGE

13805
DST #
3



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



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

Dauster Pet, Inc.
OPERATOR

#1 Corvin "A"

WELL NAME AND NO.

Pawnee 1st Sect

#3

DST NO.

675 5 min on final flow

Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	CF/D
5	14"	1/4	6330				
10	24"	1/4	8220				
15	28"	1/4	8890				
20	32"	1/4	9500				
25	36"	1/4	10100				
30	38"	1/4	10400				
35	38"	1/4	10400				
40	36"	1/4	10100				
45	36"	1/4	10100				
50	36"	1/4	10100				
55	38"	1/4	10400				
60	40"	1/4	10600				
65	42"	1/4	10900				
70	44"	1/4	11100				
75	44"	1/4	11100				
80	44"	1/4	11100				
85	44"	1/4	11100				
90	44"	1/4	11100				

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 12806

Well Name & No. #1 Cronin "A" Test No. #3 Date 07/11/2000
Company Daystar Pet. Inc 1321 W. 93rd N Zone Tested Larned / Ft. Scott
Address Valley Center, KS 67147 Elevation 2129 KB 2121 GL
Co. Rep / Geo. Ken LaBlanc Cont. Duke #4 Est. Ft. of Pay Por. %
Location: Sec. 31 Twp. 32S Rge. 18W Co. Comanche State KS
No. of Copies 5 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5183' - 5220' Initial Str Wt./Lbs. 56000 Unseated Str Wt./Lbs. 56000
Anchor Length 37' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 80000
Top Packer Depth 5178' Tool Weight 2100
Bottom Packer Depth 5183' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
Total Depth 5220 Wt. Pipe Run N/A Drill Collar Run N/A
Mud Wt. 9.1 LCM 0 Vis. 49+ WL 11.2 Drill Pipe Size 4 1/2 KH Ft. Run 5170'
Blow Description IF: Strong blow. b.o.b in 30 sec.
IST: Bled down for 5 mins. No blow back
FF: Strong blow b.o.b in 10 sec. GTS in 5 mins Gurg 6
FST: Bled down for 10 mins. No blow back.

Recovery — Total Feet 80' GIP 5090' Ft. in DC Ft. in DP 80'
Rec. 80' Feet Of 5016 CMW 8 %gas 4 %oil 40 %water 48 %mud
Rec. 5090' Feet Of Gas In Pipe %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 124° °F Gravity °API D₄₀ °F Corrected Gravity °API
RW 1.3 @ 82" °F Chlorides 25,000 ppm Recovery Chlorides 10,000 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	<u>2645</u>	<u>2632</u>	PSI	Recorder No. <u>2350</u>	T-On Location	<u>2200</u>
(B) First Initial Flow Pressure	<u>86</u>	<u>26</u>	PSI	(depth) <u>5189'</u>	T-Started	<u>2255</u>
(C) First Final Flow Pressure	<u>86</u>	<u>33</u>	PSI	Recorder No. <u>13805</u>	T-Open	<u>0318</u>
(D) Initial Shut-In Pressure	<u>1801</u>	<u>1788</u>	PSI	(depth) <u>5217'</u>	T-Pulled	<u>0818</u>
(E) Second Initial Flow Pressure	<u>97</u>	<u>36</u>	PSI	Recorder No. <u> </u>	T-Out	<u>1045</u>
(F) Second Final Flow Pressure	<u>108</u>	<u>53</u>	PSI	(depth) <u> </u>	T-Off Location	<u>1130</u>
(G) Final Shut-in Pressure	<u>1844</u>	<u>1802</u>	PSI	Initial Opening <u>30</u>	Test	<u>✓ 800</u>
(Q) Final Hydrostatic Mud	<u>2656</u>	<u>2590</u>	PSI	Initial Shut-in <u>60</u>	Jars	<u>✓ 200</u>
				Final Flow <u>90</u>	Safety Joint	<u>✓ 50</u>
				Final Shut-in <u>120</u>	Straddle	<u> </u>
					Circ. Sub	<u> </u>
					Sampler	<u> </u>
					Extra Packer	<u> </u>
					Elec. Rec.	<u>✓ 150</u>
					Mileage	<u> </u>
					Other	<u>3 hrs 90</u>
					TOTAL PRICE \$	<u>1200</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 Ken LaBlanc
Our Representative Darren J. Amrine

TRILOBITE TESTING L.L.C.

OPERATOR : Daystar Petroleum, Inc.

DATE 07/13/200

WELL NAME: #1 Cronin"A"

KB 0.00 ft TICKET NO: 12807 DST #4

LOCATION : 31-32s-18w Comanche co KS

GR 0.00 ft FORMATION: Mississippi

INTERVAL : 5274.00 To 5370.00 ft

TD 5370.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 10 Rec.	13805	13805	2350			PF Fr. 1045 to 1100 hr
SI 0 Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. mis to run hr
SF 0 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. to hr
FS 0 Depth(ft)	5367.0	5367.0	5280.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	2763.0	2750.0	2718.0	0.0	0.0	T STARTED 0653 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 1042 hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 1045 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 1100 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2731.0	2724.0	2665.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 58000.00 lbs
						Unseated Str Wt 62000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 5224.00 ft

RECOVERY

Tot Fluid 600.00 ft of 0.00 ft in DC and 600.00 ft in DP
 600.00 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
 0.00 ft of
 0.00 ft of

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

BLOW DESCRIPTION

Opened tool packer failed tried to
 reset failed.

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	48.00 S/L
W.L.	8.80 in3
F.C.	0.32 in
Mud Drop Y	0.0 ft

Amt. of fill	0.00 ft
Btm. H. Temp.	0.00 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 Y	
Tool Chased N	

SAMPLES:

SENT TO:

Tester	Darren L.Amerine
Co. Rep.	Ken Lablanc
Contr.	Duke
Rig #	4
Unit #	none
Pump T.	none

Test Successful: N

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: #1 Cronin"A"	P.O. SUB Top of tool @	5247
	C.O. SUB	5248
LOCATION : 31-32s-18w Comanche co KS	S.I. TOOL	5253
TICKET No. 12807 D.S.T. No. 4 DATE 07/13/200		
TOTAL TOOL TO BOTTOM OF TOP PACKERS 30		
INTERVAL TOOL	HMV	5258
BOTTOM PACKERS AND ANCHOR 33	JARS	5263
TOTAL TOOL 63		
DRILL COLLAR ANCHOR IN INTERVAL		
D.C. ANCHOR STND.Stands Single Total		
D.P. ANCHOR STND.Stands 1 Single Total 63	SAFETY JOINT	5265
TOTAL ASSEMBLY 126	PACKER	5269
D.C. ABOVE TOOLS.Stands Single Total	PACKER	5274
D.P. ABOVE TOOLS.Stands83 Single 1 Total 5262	DEPTH 5274	
	1'to	5275
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5388	ANCHOR 27'of perfs.to	5302
	Alpine rec.@ 5280	
TOTAL DEPTH 5370		
TOTAL DRILL PIPE ABOVE K.B. 18		5302
REMARKS:	63'of drillpipe to	5365
		5365
	Ak-1 rec. @ 5367	
	BULLNOSE 5' bullnose to	5370
	T.D.	

TEST HISTORY

Tk#12807 DST#4 #1 Cronin "A" Daystar Petroleum, Inc.

Flag Points
t (Min.) P (PSIg)

R: 0.00 2718.41

Q: 0.00 2664.95

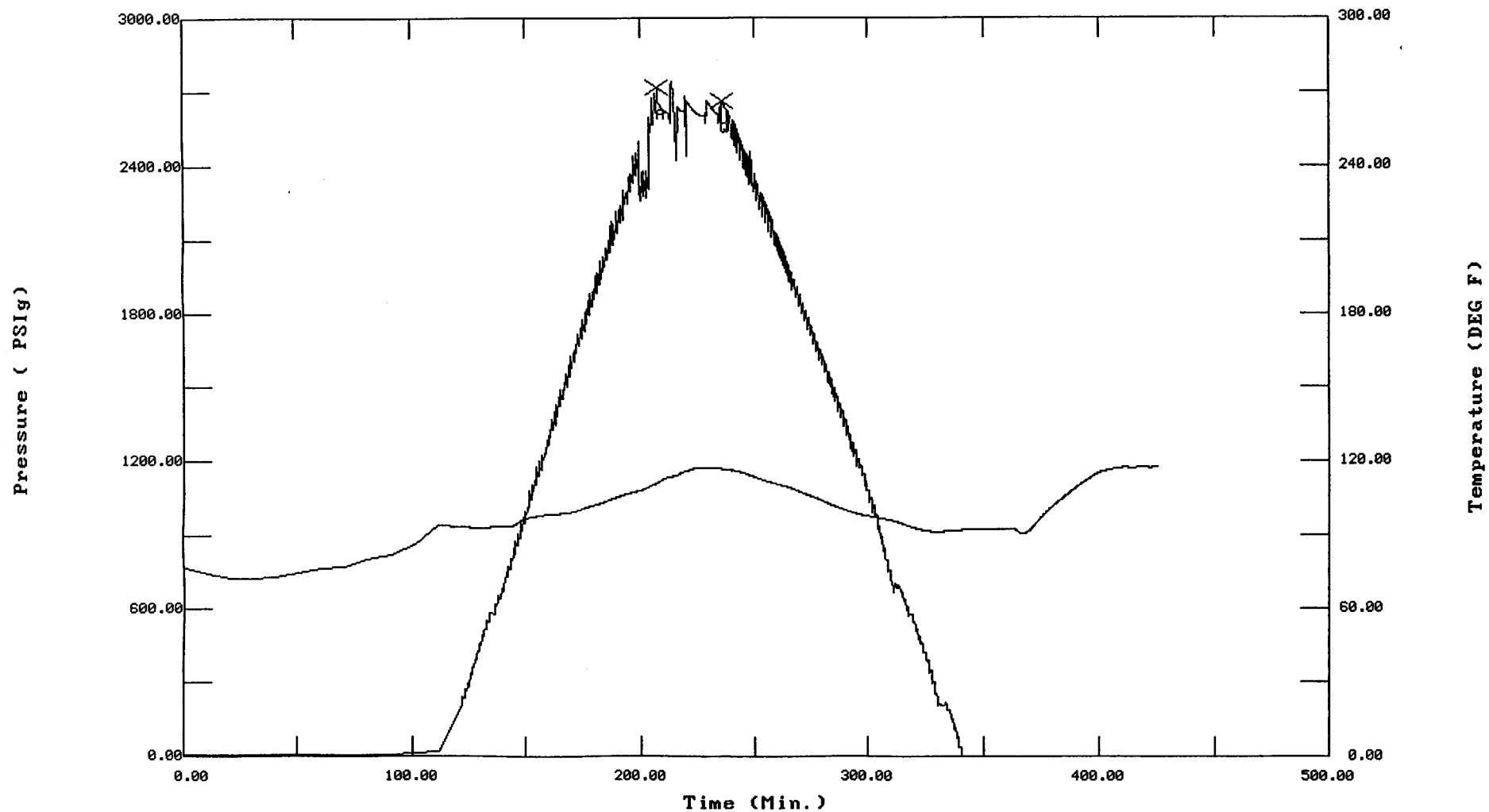
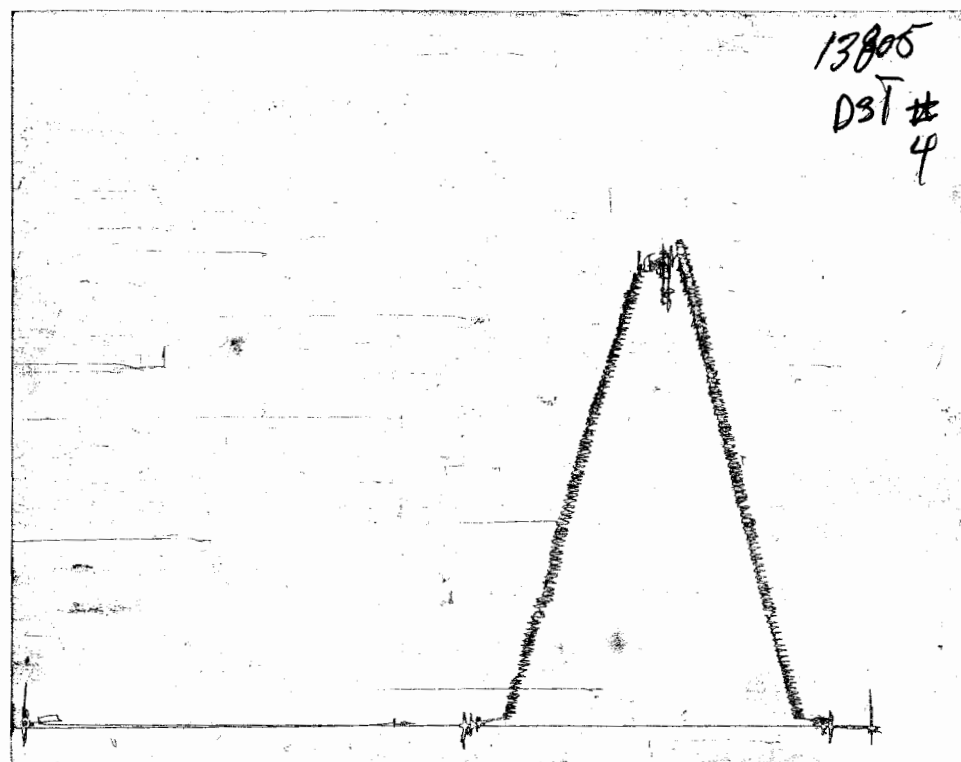


CHART PAGE



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

N² 12807

Well Name & No. #1 Cronin "A" Test No. #4 Date 07/13/2000
Company Daystar Pet, Tr. 1321 W. 93rd N. Zone Tested M.S.S.
Address Valley Center, KS 67147 Elevation 2129 KB 2121 GL
Co. Rep / Geo. Ken Lablanc Cont. Duke #4 Est. Ft. of Pay Por. %
Location: Sec. 31 Twp. 32S Rge. 18W Co. Comanche State KS
No. of Copies 5 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5274' - 5370' Initial Str Wt./Lbs. 58,000 Unseated Str Wt./Lbs. 62,000
Anchor Length 96' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 25,000
Top Packer Depth 5269 Tool Weight 2100
Bottom Packer Depth 5274 Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
Total Depth 5370 Wt. Pipe Run N/A Drill Collar Run N/A
Mud Wt. 9.0 LCM 0 Vis. 48 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 5324'
Blow Description IF: Packer failure, pulled tool loose and tried to reset.
ISI: unsuccessful.
FF:
FSI:

Recovery — Total Feet 600' GIP Ft. in DC Ft. in DP 600'
Rec. 600' Feet Of Drilling Mud %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 °F Gravity °API D@ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 62,000 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2763</u>		PSI Recorder No. <u>2350</u>	T-On Location <u>0645</u>
(B) First Initial Flow Pressure			PSI (depth) <u>5280</u>	T-Started <u>0653</u>
(C) First Final Flow Pressure			PSI Recorder No. <u>13805</u>	T-Open <u>1045</u>
(D) Initial Shut-In Pressure			PSI (depth) <u>5369'</u>	T-Pulled <u>1100</u>
(E) Second Initial Flow Pressure			PSI Recorder No. <u> </u>	T-Out <u>1245</u>
(F) Second Final Flow Pressure			PSI (depth) <u> </u>	T-Off Location <u>1315</u>
(G) Final Shut-in Pressure			PSI Initial Opening <u> </u>	Test <u>✓ 600</u>
(Q) Final Hydrostatic Mud	<u>2731</u>		PSI Initial Shut-in <u> </u>	Jars <u>✓ 200</u>
			Final Flow <u> </u>	Safety Joint <u>✓ 50</u>
			Final Shut-in <u> </u>	Straddle <u> </u>
				Circ. Sub <u> </u>
				Sampler <u> </u>
				Extra Packer <u> </u>
				Elec. Rec. <u>✓ 150</u>
				Mileage <u> </u>
				Other <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 Ken G Blorc
Our Representative Dan L Blorc

TOTAL PRICE \$ 1000

TRILOBITE TESTING L.L.C.

OPERATOR : Daystar Petroleum, Inc.

DATE 07/14/200

WELL NAME: #1 Cronin"A"

KB 2129.00 ft

TICKET NO: 12808

DST #5

LOCATION : 31-32s-18w Comanche co KS

GR 2121.00 ft

FORMATION: Mississippi

INTERVAL : 5281.00 To 5371.00 ft

TD 5371.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13805	13805	2350			PF Fr. 0242 to 0312 hr
SI 30 Range(Psi)	4250.0	4250.0	4995.0	0.0	0.0	IS Fr. 0312 to 0342 hr
SF 30 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 0342 to 0412 hr
FS 30 Depth(ft)	5368.0	5368.0	5287.0	0.0	0.0	FS Fr. 0412 to 0442 hr

	Field	1	2	3	4	
A. Init Hydro	2742.0	2739.0	2723.0	0.0	0.0	T STARTED 2348 hr
B. First Flow	1481.0	1476.0	1584.0	0.0	0.0	T ON BOTM 0239 hr
Bl. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 0242 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 0442 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 0645 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	2181.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2763.0	2758.0	2716.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 56000.00 lbs
						Unseated Str Wt 56000.00 lbs

RECOVERY

Tot Fluid	35.00 ft of	0.00 ft in DC and	35.00 ft in DP	Bot Choke	0.75 in
35.00	ft of Drilling mud			Hole Size	7.88 in
0.00	ft of 95% mud 5% filtrate			D Col. ID	2.25 in
0.00	ft of			D. Pipe ID	3.80 in
0.00	ft of			D.C. Length	0.00 ft
0.00	ft of			D.P. Length	5326.00 ft
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 blow built to 1" slowly died in
23 minutes.
Initial Shut-In:
No blow back.

Final Flow:

Dead

Final Shut-In:

No blow back.

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	48.00 S/L
W.L.	8.80 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	126.00 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 L.Amerine
Co. Rep.	Ken LaBlanc
Contr.	Duke
Rig #	4
Unit #	none
Pump T.	none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: #1 Cronin"A"

LOCATION : 31-32s-18w Comanche co KS

TICKET No. 12808 D.S.T. No. 5 DATE 07/14/200

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 27

TOTAL TOOL 57

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single Total 63

TOTAL ASSEMBLY 120

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands83 Single 1 Total 5263

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5383

TOTAL DEPTH 5371

TOTAL DRILL PIPE ABOVE K.B. 12

REMARKS:

P.O. SUB Top of tool @	5254
C.O. SUB	5255
S.I. TOOL	5260
HMV	5265
JARS	5270
SAFETY JOINT	5272
PACKER	5276
PACKER Shale packer	5281
DEPTH 5281	
1'to	5282
ANCHOR 21'of perms.to	5303
Alpine rec. @ 5287	
63'of drillpipe to	5366
Ak-1 rec. @ 5368	
BULLNOSE 5' bullnose to	5371
T.D.	

TEST HISTORY

Tk#12808 DST#5 #1 Cronin"A" Daystar Petroleum Inc.

Flag Points

t(Min.) P(PSig)

A: 0.00 2723.45
B: 0.00 1583.79
C: 120.50 2180.60
Q: 0.00 2715.81

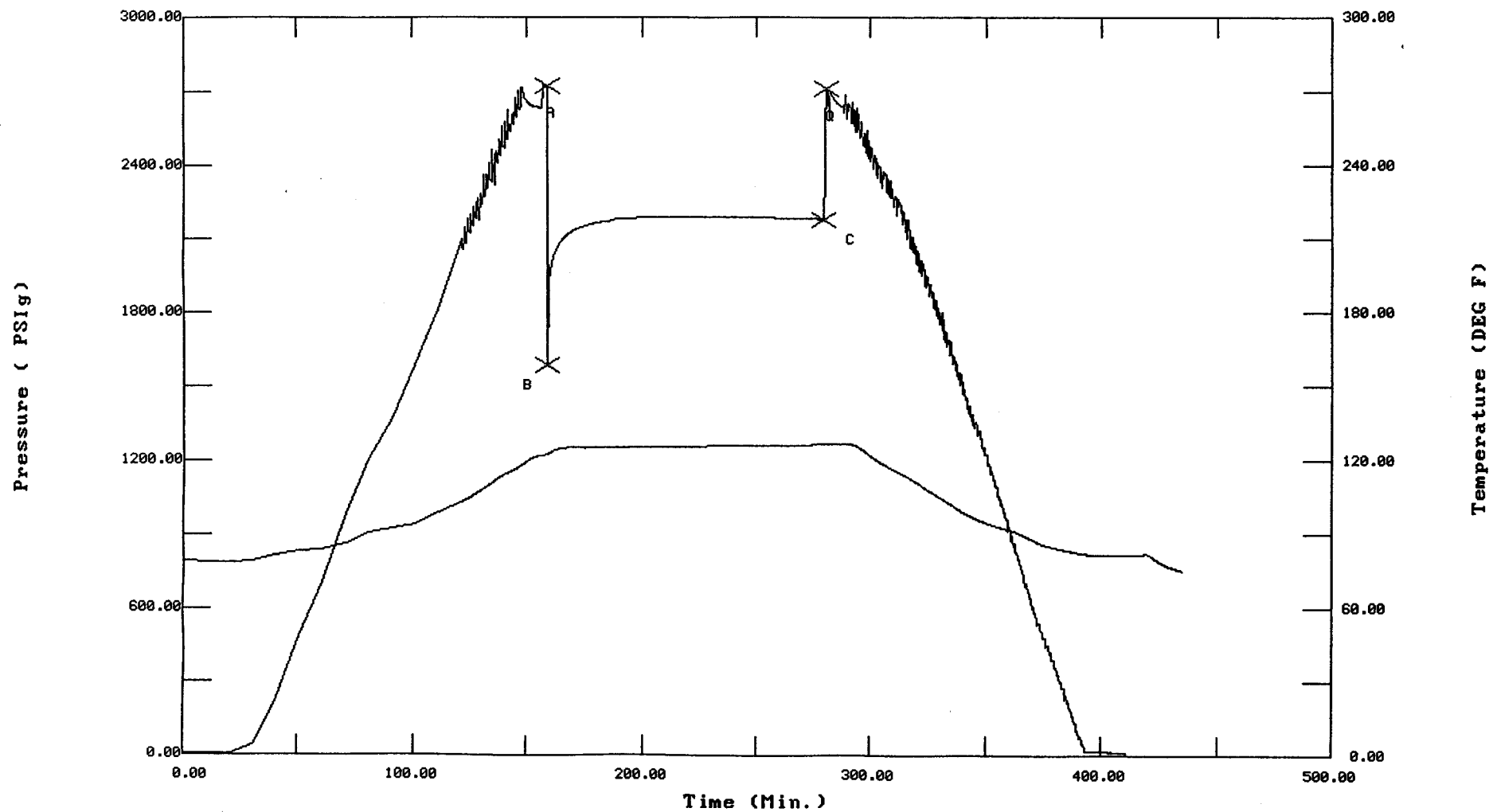
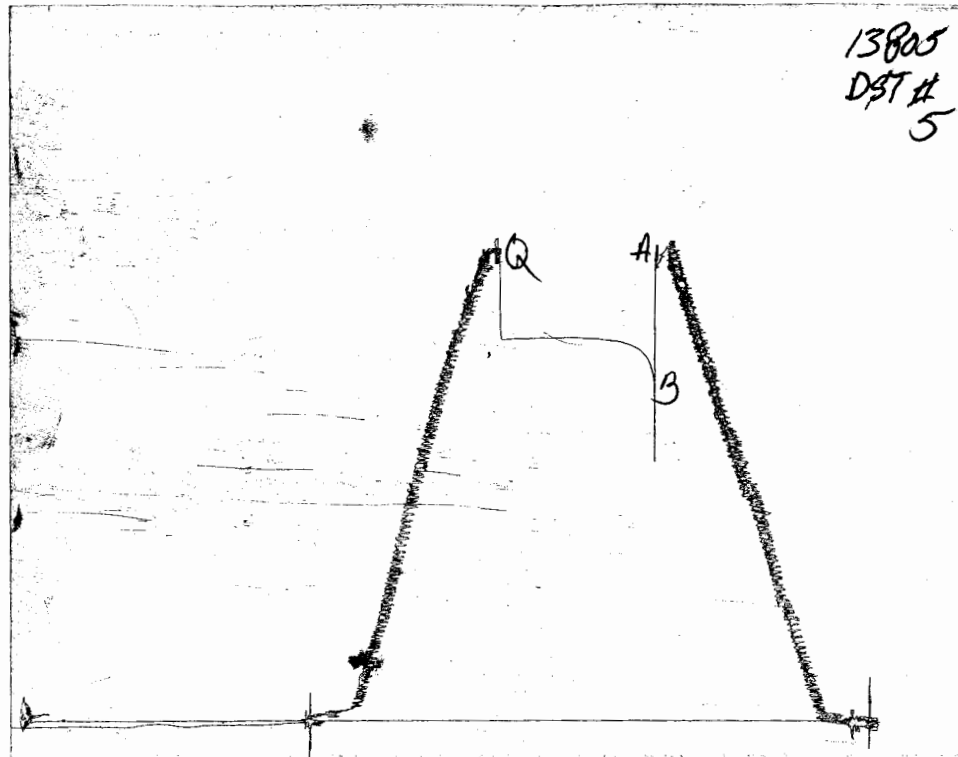


CHART PAGE



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 12808

Well Name & No. #1 Cronin "A" Test No. #5 Date 07/14/2000
Company Daystar Ref, Inc. 1321 W. 95th N. Zone Tested M. 55
Address Valley Center, KS. 67147 Elevation 2129 KB 2121 GL
Co. Rep / Geo. Ken LaBlanc Cont. Duke #4 Est. Ft. of Pay Por. %
Location: Sec. 31 Twp. 32^S Rge. 18^W Co. Comanche State KS
No. of Copies 5 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5281' - 5371' Initial Str Wt./Lbs. 56,000 Unseated Str Wt./Lbs. 56,000
Anchor Length 90' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 75,000
Top Packer Depth 5276' Tool Weight 2100
Bottom Packer Depth 5281' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
Total Depth 5371' Wt. Pipe Run N/A Drill Collar Run N/A
Mud Wt. 90 LCM 0 Vis. 48 WL 8.8 Drill Pipe Size 4 1/2 x 11 Ft. Run 5326'
Blow Description TF: Weak blow built to 1" standy did in 23 mins
ISI: No blow back
FF: Dead blow
FSI: No blow back

Recovery — Total Feet GIP Ft. in DC Ft. in DP
Rec. 35' Feet Of Drilling Mud %gas %oil 5% H₂O %water 95 %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 126° °F Gravity °API D @ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 12,000 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2742</u>	<u>2723</u>	PSI Recorder No. <u>2350</u>	T-On Location <u>2300'</u>
(B) First Initial Flow Pressure	<u>1481</u>	<u>1584</u>	PSI (depth) <u>5287'</u>	T-Started <u>23:48</u>
(C) First Final Flow Pressure			PSI Recorder No. <u>13805</u>	T-Open <u>0242</u>
(D) Initial Shut-In Pressure			PSI (depth) <u>5368'</u>	T-Pulled <u>0442</u>
(E) Second Initial Flow Pressure			PSI Recorder No. <u> </u>	T-Out <u>0645</u>
(F) Second Final Flow Pressure			PSI (depth) <u> </u>	T-Off Location <u> </u>
(G) Final Shut-in Pressure		<u>2181</u>	PSI Initial Opening <u>30</u>	Test <u>✓</u>
(Q) Final Hydrostatic Mud	<u>2763</u>	<u>2716</u>	PSI Initial Shut-in <u>30</u>	Jars <u>✓</u>
			Final Flow <u>30</u>	Safety Joint <u>✓</u>
			Final Shut-in <u>30</u>	Straddle <u> </u>
				Circ. Sub <u> </u>
				Sampler <u> </u>
				Extra Packer <u> </u>
				Elec. Rec. <u>✓</u>
				Mileage <u> </u>
				Other <u>Shake Packer</u>
				TOTAL PRICE \$ <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 [Signature] Pending further discussion of test results w/ Paul
Our Representative Darrene Lamerino