

15-101-21784

27-19S-28W

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy Petroleum Corp.

DATE 11

WELL NAME: Stormont A #1-27

KB 2782.00 ft

TICKET NO: 12740 DST #1

LOCATION : 27-19S-28W Lane KS.

GR 2777.00 ft

FORMATION: L/KC "J"

INTERVAL : 4274.00 To 4293.00 ft

TD 4293.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 5 Rec.	13339		3246			PF Fr. 2126 to 2131 hr
SI 30 Range(Psi)	4025.0	0.0	4995.0	0.0	0.0	IS Fr. 2131 to 2201 hr
SF 60 Clock(hrs)	12 HR		ALP			SF Fr. 2201 to 2301 hr
FS 120 Depth(ft)	4285.0	0.0	4276.0	0.0	0.0	FS Fr. 2301 to 0101 hr

	Field	1	2	3	4	
A. Init Hydro	2083.0	0.0	2107.0	0.0	0.0	T STARTED 1926 hr
B. First Flow	41.0	0.0	22.0	0.0	0.0	T ON BOTM 2124 hr
B1. Final Flow	41.0	0.0	30.0	0.0	0.0	T OPEN 2126 hr
C. In Shut-in	799.0	0.0	833.0	0.0	0.0	T PULLED 0101 hr
D. Init Flow	41.0	0.0	30.0	0.0	0.0	T OUT 0315 hr
E. Final Flow	62.0	0.0	113.0	0.0	0.0	
F. Fl Shut-in	799.0	0.0	829.0	0.0	0.0	
G. Final Hydro	2073.0	0.0	2083.0	0.0	0.0	
Inside/Outside	0		I			

RECOVERY

Tot Fluid 200.00 ft of 0.00 ft in DC and 200.00 ft in DP

20.00 ft of Drlg Mud w/show of oil 20%wtr 80%mud

180.00 ft of Sulpher Wtr

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of RW .18 @ 50 deg =

SALINITY 60000.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA-----	
Tool Wt.	1800.00 lbs
Wt Set On Packer	30000.00 lbs
Wt Pulled Loose	80000.00 lbs
Initial Str Wt	50000.00 lbs
Unseated Str Wt	50000.00 lbs
Bot Choke	0.75 in
Hole Size	8.88 in
D Col. ID	0.00 in
D. Pipe ID	3.80 in
D.C. Length	0.00 ft
D.P. Length	3822.00 ft
H.W. I.D	2.80 in
H.W. Length	440.00 ft

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	45.00 S/L
W.L.	8.20 in3
F.C.	0.00 in

Mud Drop N

Amt. of fill	10.00 ft
Btm. H. Temp.	122.00 F
Hole Condition	Fair
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00

Cushion Type
Reversed Out N

Tool Chased Y 10.00 ft

Tester Rod Steinrink

Co. Rep. Corey Baker

Contr. Shields

Rig # 1

Unit #

Pump T.

BLOW DESCRIPTION

Initial Flow:

Tool slid 10' to bttm - weak surface

blow built to 1/2"

Final Flow:

Weak surface return in 4 mins.

steady throughout.

SAMPLES:

SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Stormont A #1-27

LOCATION : 27-19S-28W Lane KS.

TICKET No. 12740 D.S.T. No. 1 DATE 11

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL 19

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 41

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 41

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands69 Single Total 4272

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4313

TOTAL DEPTH 4293

TOTAL DRILL PIPE ABOVE K.B. 20

REMARKS:

P.O. SUB 1' Above 120' WP	4032
C.O. SUB 1'	4252
S.I. TOOL 5'	4258
HMV 5'	4263
JARS n/a	
SAFETY JOINT 2'	4265
PACKER 4'	4269
PACKER 5'	4274
DEPTH 1'	4275
ANCHOR ALP Rec. @	4276
13' Perf	4288
AK-1 Rec. @	4288
BULLNOSE 5'	
T.D.	4293

12740 DST #1 Stormont A #1-27 McCoy Pet. Corp.

TEST HISTORY

Flag Points
t(Min.) P(PSig)

A:	0.00	2107.81
B:	0.00	22.09
C:	5.50	30.06
D:	32.00	833.62
E:	0.00	30.45
F:	61.50	113.62
G:	120.75	829.31
H:	0.00	2083.60

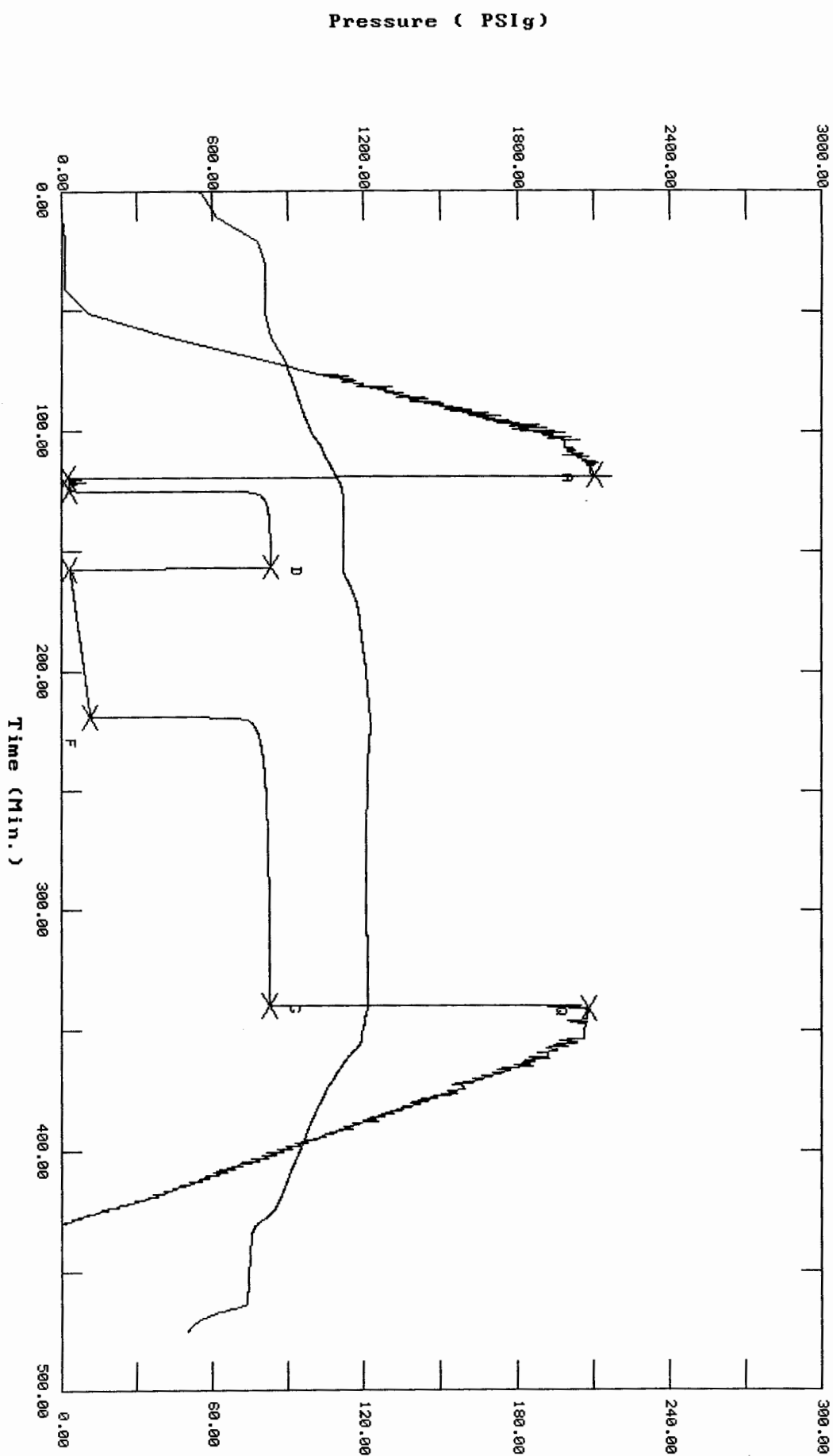
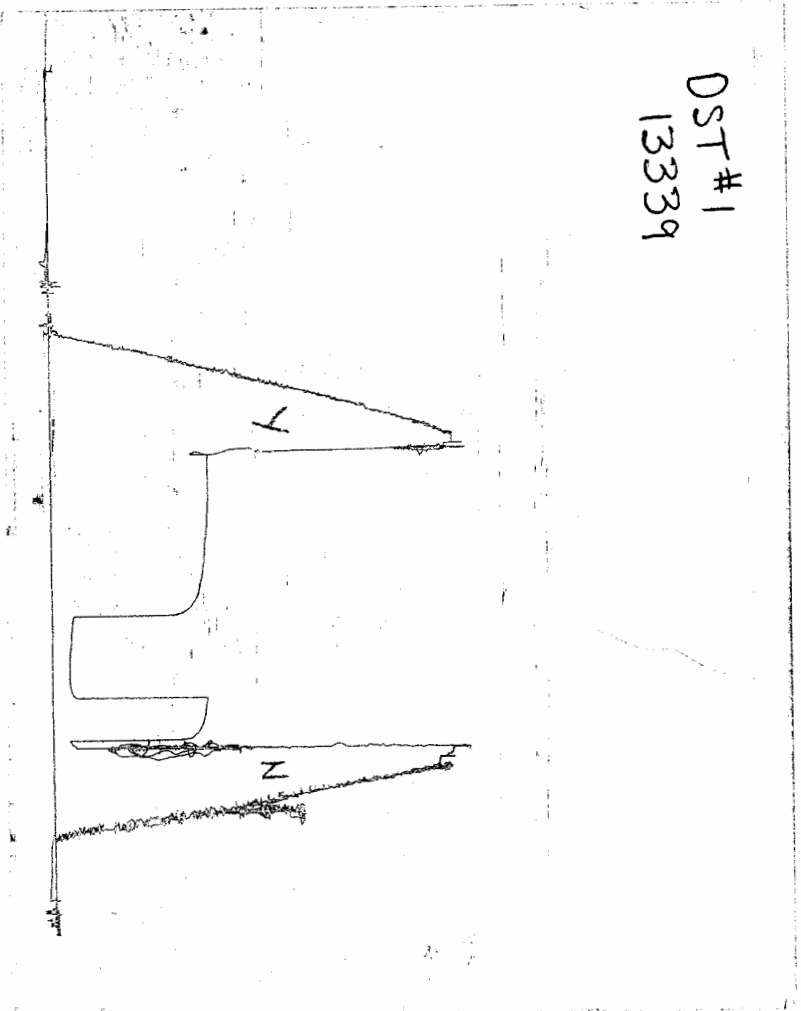


CHART PAGE

DST #1
13339



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 12740

Well Name & No.	Stormont A #1-27	Test No.	1	Date	11-27-00
Company	McGow Petroleum Corporation	Zone Tested	LKLC 'J'		
Address	453 S. Webb Rd Ste 310 Wichita, KS 67278-0208	Elevation	2782	KB	2777 GL
Co. Rep / Geo.	Corey Baker	Cont.	Shields #1	Est. Ft. of Pay	Por. %
Location: Sec.	27	Twp.	19S	Rge.	28W
		Co.	Lane	State	KS
No. of Copies	Distribution Sheet (Y, N)	Y	Turnkey (Y, N)	N	Evaluation (Y, N)

Interval Tested	4274 - 4293	Initial Str Wt./Lbs.	50,000	Unseated Str Wt./Lbs.	50,000
Anchor Length	19'	Wt. Set Lbs.	30,000	Wt. Pulled Loose/Lbs.	30,000
Top Packer Depth	4269	Tool Weight	1,800		
Bottom Packer Depth	42734	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	4293	Wt. Pipe Run	440 (7)	Drill Collar Run	—
Mud Wt.	9.3 LCM tre. Vis. 45 WL 8.2	Drill Pipe Size	4 1/2" FH	Ft. Run	383.2 (62)
Blow Description	IF: Tool Slid to btm 10' - weak surface blow built to 1/2"				

FF: Weak surface return in 4 mins steady throughout

Recovery — Total Feet	200'	GIP	—	Ft. in DC	—	Ft. in DP	200'
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.	20	Feet Of	Drilg Mud w/ show of	%gas	trc	%oil	20 %water 80 %mud
Rec.		Feet Of	oil	%gas	%oil	%water	%mud
Rec.	180	Feet Of	Sulphur Wtr	%gas	%oil	100 %water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
BHT	132.2°	°F Gravity		°API D@		°F Corrected Gravity	
RW	-18	@	50°	°F Chlorides	60,000	ppm Recovery	Chlorides 3,500 ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud	2083	2107	PSI	Recorder No.	3246	T-On Location	1845
(B) First Initial Flow Pressure	41	22	PSI	(depth)	4276	T-Started	1926
(C) First Final Flow Pressure	41	30	PSI	Recorder No.	13339	T-Open	2126
(D) Initial Shut-In Pressure	799	833	PSI	(depth)	4288	T-Pulled	0106
(E) Second Initial Flow Pressure	41	30	PSI	Recorder No.		T-Out	0315
(F) Second Final Flow Pressure	62	113	PSI	(depth)		T-Off Location	0400
(G) Final Shut-in Pressure	799	829	PSI	Initial Opening	5	Test	750
(Q) Final Hydrostatic Mud	2073	2083	PSI	Initial Shut-in	30	Jars	

Final Flow	60	Safety Joint	X 50
Final Shut-in	120	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 Corey N. Baker

Our Representative Bob Steinbrink

Circ. Sub	X	N/C
Sampler		
Extra Packer		
Elec. Rec.	X	150
Mileage	36 mi	36
Other		
TOTAL PRICE \$		986

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy Petroleum Corp.
WELL NAME: Stormont A #1-27
LOCATION : 27-19S-28W Lane co KS
INTERVAL : 4334.00 To 4374.00 ft

DATE 11-28-00
KB 2782.00 ft TICKET NO: 12741 DST #2
GR 2777.00 ft FORMATION: L/KC "K-L"
TD 4374.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 5 Rec.	13339		3246			PF Fr. 1945 to 1950 hr
SI 30 Range(Psi)	4025.0	0.0	4995.0	0.0	0.0	IS Fr. 1950 to 2040 hr
SF 60 Clock(hrs)	12 HR		ALP			SF Fr. 2040 to 2140 hr
FS 120 Depth(ft)	4369.0	0.0	4336.0	0.0	0.0	FS Fr. 2140 to 2340 hr

	Field	1	2	3	4	
A. Init Hydro	2123.0	0.0	2143.0	0.0	0.0	T STARTED 1740 hr
B. First Flow	322.0	0.0	2544.0	0.0	0.0	T ON BOTM 1943 hr
B1. Final Flow	3222.0	0.0	264.0	0.0	0.0	T OPEN 1945 hr
C. In Shut-in	699.0	0.0	751.0	0.0	0.0	T PULLED 2340 hr
D. Init Flow	374.0	0.0	340.0	0.0	0.0	T OUT 0215 hr
E. Final Flow	609.0	0.0	676.0	0.0	0.0	
F. Fl Shut-in	709.0	0.0	751.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2103.0	0.0	2128.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	0		I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 50000.00 lbs
						Unseated Str Wt 62000.00 lbs
						Bot Choke 0.75 in
						Hole Size 8.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3892.00 ft
						H.W. I.D 2.80 in
						H.W. Length 440.00 ft

RECOVERY

Tot Fluid 1490.00 ft of 0.00 ft in DC and 1490.00 ft in DP
270.00 ft of SGOWCM 5%gas 10%oil 10%wtr 75%mud
240.00 ft of GOWCM 25%gas 10%oil 25%wtr 40%mud
120.00 ft of GOCW 40%gas 20%oil 40%wtr
860.00 ft of Sulfur Wtr. 100%wtr
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of RW .18 @ 60 deg =
SALINITY 50000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Fair to strong blow off bottom in 2 minutes.
Initial Shut-In:
No return blow
Final Flow:
Fair to strong blow off bottom in 2 minutes.
Final Shut-In:
Weak surface blow throughout.

SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.30 lb/c
Vis. 40.00 S/L
W.L. 8.20 in3
F.C. 0.00 in
Mud Drop N
Amt. of fill 0.00 ft
Btm. H. Temp. 134.00 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 Rod Steinbrink
Co. Rep. Corey Baker
Contr. Shields
Rig # 1
Unit #
Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Stormont A #1-27

LOCATION : 27-19S-28W Lane co KS

TICKET No. 12741 D.S.T. No. 2 DATE 11-28-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL 9

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 31

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY 62

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands69 Single 1 Total 4332

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4394

TOTAL DEPTH 4374

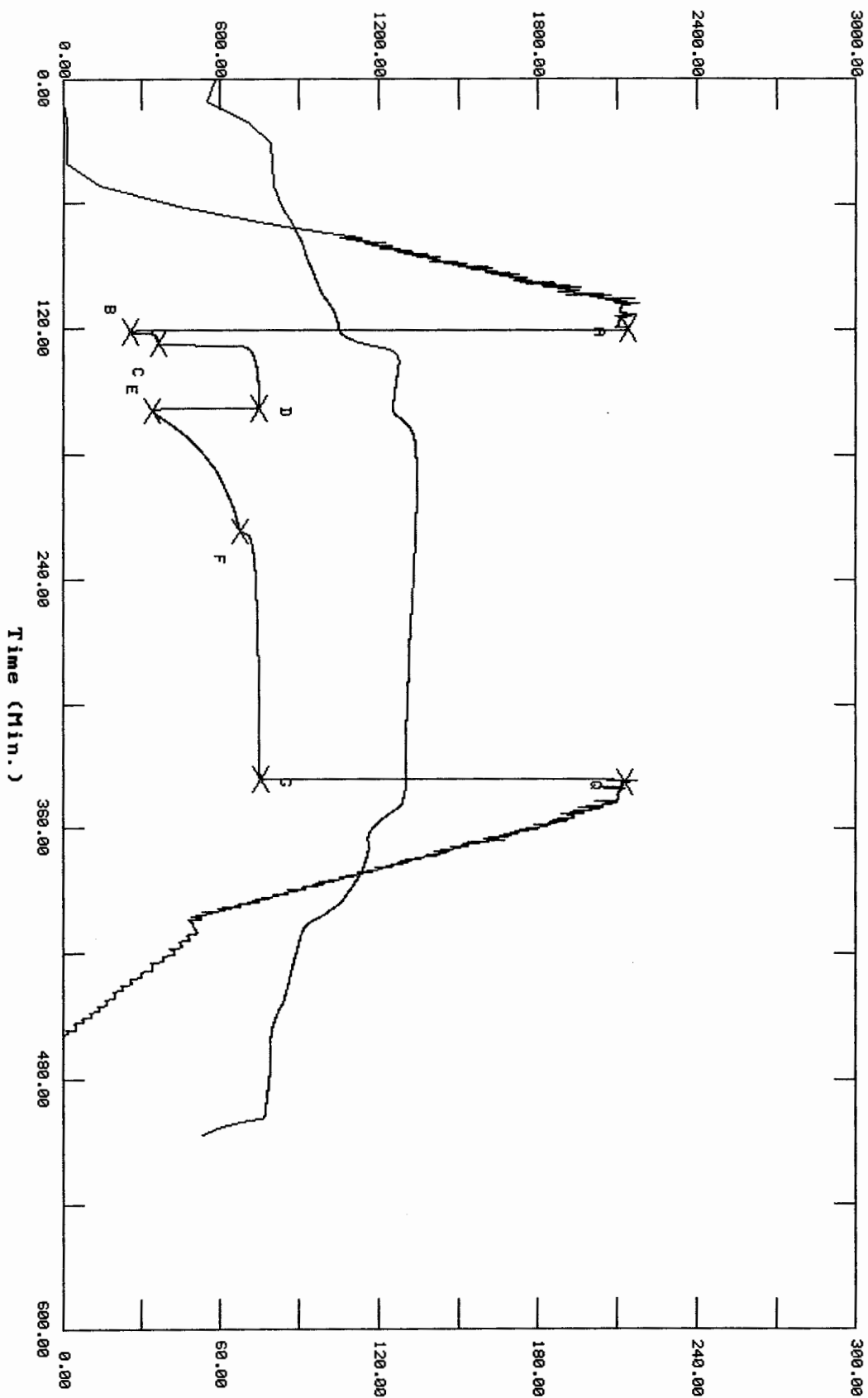
TOTAL DRILL PIPE ABOVE K.B. 20

REMARKS:

P.O. SUB 1' Above 120' WP	4192
C.O. SUB 1'	4312
S.I. TOOL 5'	4318
HMV 5'	4323
JARS n/a	
SAFETY JOINT 2'	4325
PACKER 4'	4329
PACKER 5'	4334
DEPTH 1'	4335
ANCHOR ALP Rec. @	4336
3' Perf	4338
31' DP	4339
AK-1 Rec. @	4369
BULLNOSE 5'	
T.D.	4374

TEST HISTORY

12741 DST #2 Stormont A #1-27 McCoy Petroleum Corp.

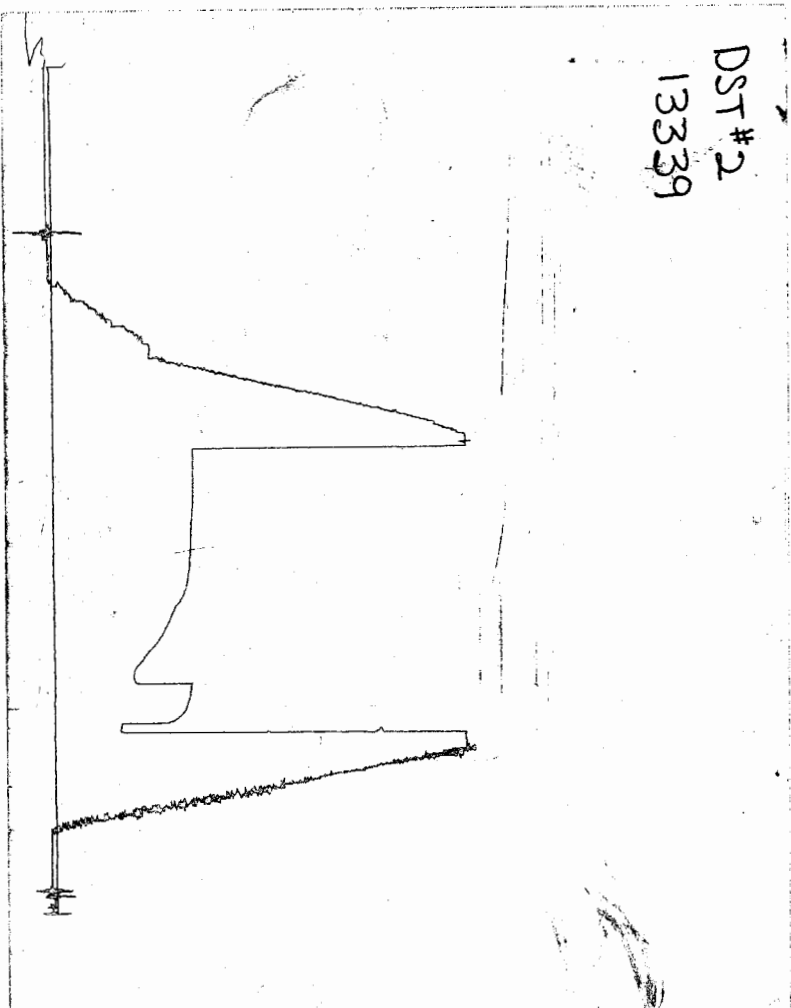


Flag Points

t(Min.)	P(PSIg)
A: 0.00	2143.42
B: 0.00	254.81
C: 5.25	364.50
D: 31.25	751.01
E: 0.00	340.73
F: 58.00	676.42
G: 119.00	751.75
H: 0.00	2128.90

Temperature (DEG F)

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 12741

Well Name & No.	<u>Stormont A #1-27</u>		Test No.	<u>2</u>	Date	<u>11-28-00</u>
Company	<u>McCoy Petroleum Corporation</u>		Zone Tested	<u>L/KC K-L</u>		
Address	<u>453 S Webb Rd Ste 310 Wichita, KS 67278-0208</u>		Elevation	<u>2782</u>	KB	<u>2777</u> GL
Co. Rep / Geo.	<u>Corey Baker</u>	Cont.	<u>Shields #1</u>	Est. Ft. of Pay	___	Por. ___ %
Location: Sec.	<u>27</u>	Twp.	<u>19^S</u>	Rge.	<u>28^W</u>	Co. <u>Lane</u> State <u>KS</u>
No. of Copies	___	Distribution Sheet (Y, N)	<u>Y</u>	Turnkey (Y, N)	<u>N</u>	Evaluation (Y, N) ___

Interval Tested	<u>4334 - 4374</u>	Initial Str Wt./Lbs.	<u>50,000</u>	Unseated Str Wt./Lbs.	<u>62,000</u>
Anchor Length	<u>40</u>	Wt. Set Lbs.	<u>30,000</u>	Wt. Pulled Loose/Lbs.	<u>15,000</u>
Top Packer Depth	<u>4329</u>	Tool Weight	<u>2,000</u>		
Bottom Packer Depth	<u>4334</u>	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	<u>4374</u>	Wt. Pipe Run	<u>440' (7)</u>	Drill Collar Run	___
Mud Wt. <u>9.3</u> LCM	Vis. <u>40</u> WL <u>8.2</u>	Drill Pipe Size	<u>4 1/2" EH</u>	Ft. Run	<u>389.2' (62.1)</u>
Blow Description <u>IF: Fair to strong blow off btm in 2 mins.</u>					
<u>ISI: No return blow</u>					
<u>FF: Fair to strong blow off btm in 2 mins.</u>					
<u>FSI: Weak surface blow throughout</u>					

Recovery — Total Feet	<u>1490'</u>	GIP	___	Ft. in DC	___	Ft. in DP	<u>1050' (440' WP)</u>
Rec. <u>270'</u>	Feet Of	<u>SGOWCM</u>	<u>5</u> %gas	<u>10</u> %oil	<u>10</u> %water	<u>75</u> %mud	
Rec. <u>240'</u>	Feet Of	<u>GOWCM</u>	<u>25</u> %gas	<u>10</u> %oil	<u>25</u> %water	<u>40</u> %mud	
Rec. <u>120'</u>	Feet Of	<u>GDCW</u>	<u>40</u> %gas	<u>20</u> %oil	<u>40</u> %water	___ %mud	
Rec. <u>860'</u>	Feet Of	<u>Sulphur Wtr.</u>	___ %gas	___ %oil	<u>100</u> %water	___ %mud	
Rec. ___	Feet Of	___	___ %gas	___ %oil	___ %water	___ %mud	
BHT <u>134°</u>	°F Gravity	___	°API D@	___	°F Corrected Gravity	___	°API
RW <u>.18</u>	@ <u>60°</u>	°F Chlorides	<u>50,000</u>	ppm Recovery	Chlorides <u>4,000</u>	ppm System	

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	<u>2123</u>	<u>2143</u>	PSI	Recorder No.	<u>3246</u>	T-On Location <u>1700</u>
(B) First Initial Flow Pressure	<u>322</u>	<u>254</u>	PSI	(depth)	<u>4336</u>	T-Started <u>1740</u>
(C) First Final Flow Pressure	<u>322</u>	<u>364</u>	PSI	Recorder No.	<u>13339</u>	T-Open <u>1945</u>
(D) Initial Shut-In Pressure	<u>699</u>	<u>751</u>	PSI	(depth)	<u>4369</u>	T-Pulled <u>2340</u>
(E) Second Initial Flow Pressure	<u>374</u>	<u>340</u>	PSI	Recorder No.	___	T-Out <u>0215</u>
(F) Second Final Flow Pressure	<u>609</u>	<u>676</u>	PSI	(depth)	___	T-Off Location <u>#3</u>
(G) Final Shut-in Pressure	<u>709</u>	<u>751</u>	PSI	Initial Opening	<u>5</u>	Test <u>750</u>
(Q) Final Hydrostatic Mud	<u>2103</u>	<u>2128</u>	PSI	Initial Shut-in	<u>30</u>	Jars
				Final Flow	<u>60</u>	Safety Joint <u>X</u> <u>50</u>
				Final Shut-in	<u>120</u>	Straddle
						Circ. Sub <u>X</u> <u>N/C</u>
						Sampler
						Extra Packer
						Elec. Rec. <u>X</u> <u>150</u>
						Mileage
						Other <u>36</u>
						TOTAL PRICE \$ <u>986</u>

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Approved By Corey A Baker

Our Representative Bob Steinbrink

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy Petroleum Corp.

DATE 11-29-00

WELL NAME: Stormont A #1-27

KB 2782.00 ft

TICKET NO: 12742 DST #3

LOCATION : 27-19S-28W Lane co KS

GR 2777.00 ft

FORMATION: L/KC "L"

INTERVAL : 4356.00 To 4374.00 ft

TD 4374.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 5 Rec.	13339		3246			PF Fr. 0451 to 0456 hr
SI 30 Range(Psi)	4025.0	0.0	4995.0	0.0	0.0	IS Fr. 0456 to 0526 hr
SF 60 Clock(hrs)	12 HR		ALP			SF Fr. 0526 to 0626 hr
FS 120 Depth(ft)	4369.0	0.0	4358.0	0.0	0.0	FS Fr. 0626 to 0826 hr

	Field	1	2	3	4	
A. Init Hydro	2203.0	0.0	2164.0	0.0	0.0	T STARTED 0302 hr
B. First Flow	322.0	0.0	235.0	0.0	0.0	T ON BOTM 0449 hr
B1. Final Flow	322.0	0.0	307.0	0.0	0.0	T OPEN 0451 hr
C. In Shut-in	789.0	0.0	754.0	0.0	0.0	T PULLED 0826 hr
D. Init Flow	436.0	0.0	332.0	0.0	0.0	T OUT 1130 hr
E. Final Flow	639.0	0.0	662.0	0.0	0.0	
F. Fl Shut-in	789.0	0.0	756.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2163.0	0.0	2135.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	O		I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 80000.00 lbs
						Initial Str Wt 50000.00 lbs
						Unseated Str Wt 62000.00 lbs

RECOVERY

Tot Fluid 1460.00 ft of 0.00 ft in DC and 1460.00 ft in DP
 310.00 ft of GWCO 40%gas 30%oil 30%wtr
 300.00 ft of GWCO 25%gas 40%oil 35%wtr
 860.00 ft of Sulfur Wtr 100%wtr
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of RW .16 @ 70 deg =
 SALINITY 48000.00 P.P.M. A.P.I. Gravity 35.00

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	40.00 S/L
W.L.	8.20 in3
F.C.	0.00 in
Mud Drop N	

BLOW DESCRIPTION

Initial Flow:
 Fair to strong blow off bottom in 2 minutes.

Initial Shut-In:
 Weak surface return in 10 minutes throughout

Final Flow:
 Fair to strong blow off bottom in 3 minutes.

Final Shut-In:
 Weak surface return throughout

SAMPLES:

SENT TO:

Amt. of fill	0.00 ft
Btm. H. Temp.	135.00 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	Rod Steinbrink
Co. Rep.	Corey Baker
Contr.	Shields
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Stormont A #1-27

LOCATION : 27-19S-28W Lane co KS

TICKET No. 12742 D.S.T. No. 3 DATE 11-29-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL 18

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 40

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 40

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands71 Single 1 Total 4365

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4405

TOTAL DEPTH 4374

TOTAL DRILL PIPE ABOVE K.B. 31

REMARKS:

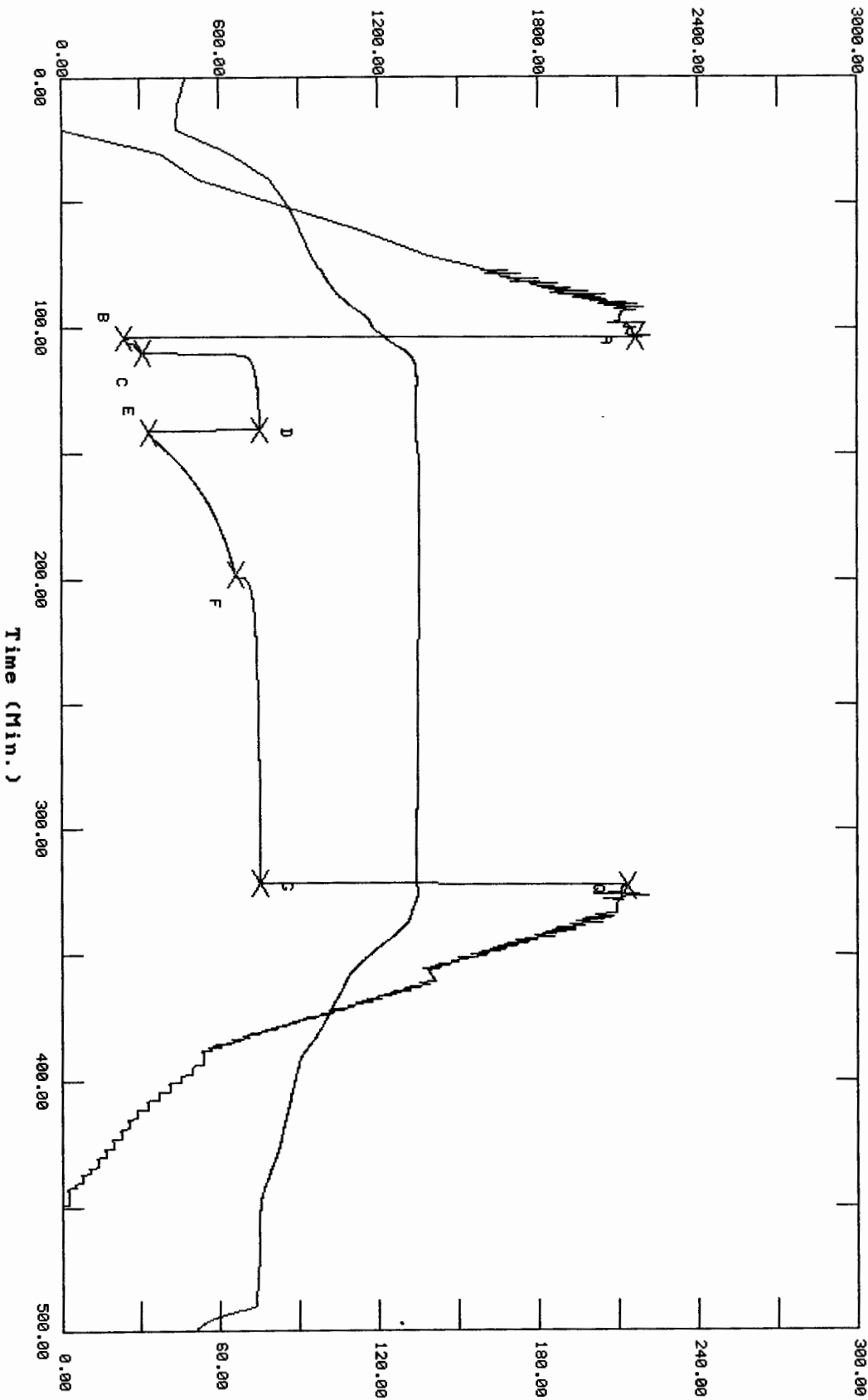
P.O. SUB 1' Above 120' WP	4214
C.O. SUB 1'	4334
S.I. TOOL 5'	4340
HMV 5'	4345
JARS n/a	
SAFETY JOINT 2'	4347
PACKER 4'	4351
PACKER 5'	4356
DEPTH 1'	4357
ANCHOR ALP Rec. @	4358
12' Perf	4369
AK-1 Rec. @	4369
BULLNOSE 5'	
T.D.	4374

12742 DST #3 Stormont A #1-27 McCoy Petroleum Corp.

TEST HISTORY

Flag Points
t(min.) Pk PSig)

A:	0.00	2164.93
B:	0.00	235.60
C:	6.00	307.56
D:	30.75	754.87
E:	0.00	332.00
F:	56.75	662.95
G:	122.75	756.23
H:	0.00	2135.79



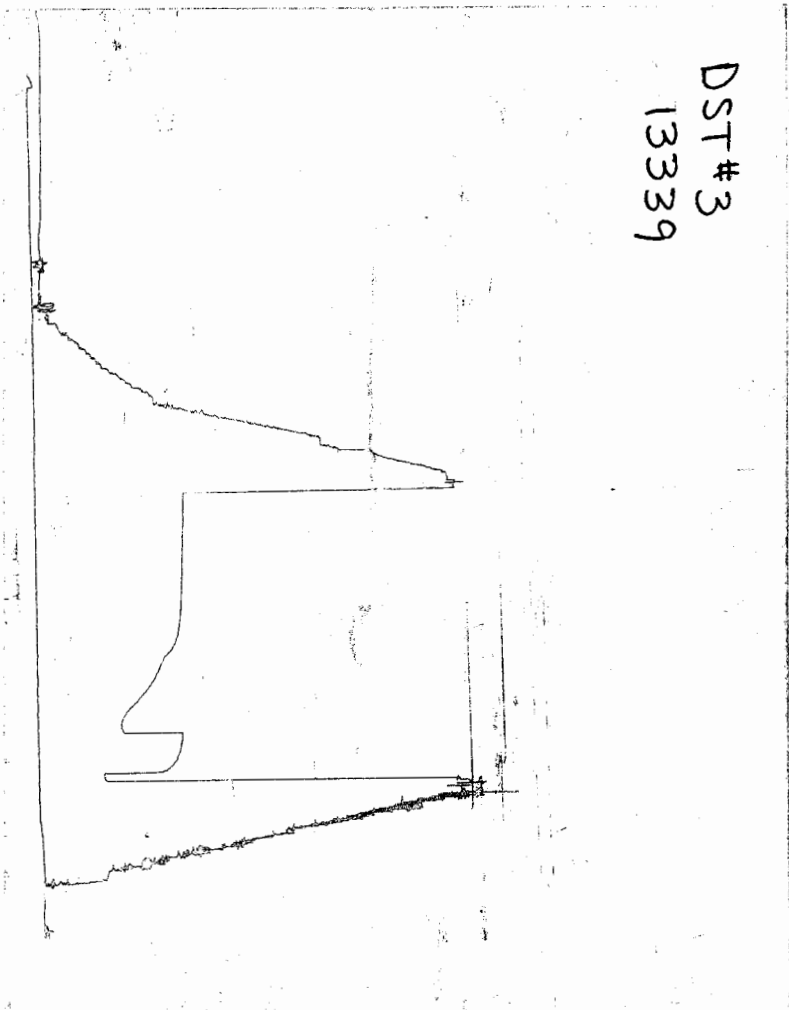
Pressure (PSig)

Time (Min.)

Temperature (DEG F)

CHART PAGE

DST#3
13339



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 12742

Well Name & No.	Stormont A #1-27	Test No.	3	Date	11-29-00
Company	McCoy Petroleum Corporation	Zone Tested	LIKC 'C'		
Address	453 S Webb Rd Ste 310 Wichita, KS 67278-0208	Elevation	2782	KB	2777 GL
Co. Rep / Geo.	Corey Baker	Cont.	Shields #1	Est. Ft. of Pay	Por. %
Location: Sec.	27	Twp.	19 ^S	Rge.	28 ^W
		Co.	Lane	State	KS
No. of Copies		Distribution Sheet (Y, N)	Y	Turnkey (Y, N)	N
		Evaluation (Y, N)			

Interval Tested 4356 - 4374 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 62,000
Anchor Length 18' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 80,000
Top Packer Depth 4351 Tool Weight 1,800
Bottom Packer Depth 4356 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Total Depth 4374 Wt. Pipe Run (7) → 440' Drill Collar Run 3925'
Mud Wt. 9.3 LCM Vis. 40 WL 8.2 Drill Pipe Size 4 1/2" FH Ft. Run ~~3925~~ (641)
Blow Description IF: Fair to strong blow off btm in 2 mins
ISI: Weak surface return in 10 mins throughout
PF: Fair to strong blow off btm in 3 mins
FSI: Weak surface return throughout

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP	1020' (440' WP)
Rec. <u>310'</u>	Feet Of <u>GWCO</u>	<u>40</u> %gas <u>30</u> %oil <u>30</u> %water — %mud		
Rec. <u>300'</u>	Feet Of <u>GWCO</u>	<u>25</u> %gas <u>40</u> %oil <u>35</u> %water %mud		
Rec. <u>860'</u>	Feet Of <u>Sulph. Wtr</u>	%gas %oil 100 %water %mud		
BHT <u>135°</u>	°F Gravity <u>35</u>	°API D@ <u>60°</u>	°F Corrected Gravity <u>35</u>	°API
RW <u>-16</u>	@ <u>70</u>	°F Chlorides <u>48,000</u>	ppm Recovery Chlorides <u>4,000</u>	ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2203</u>	<u>2164</u>	PSI Recorder No. <u>3246</u>	T-On Location <u>#2 215</u>
(B) First Initial Flow Pressure	<u>322</u>	<u>235</u>	PSI (depth) <u>4358</u>	T-Started <u>0302</u>
(C) First Final Flow Pressure	<u>322</u>	<u>307</u>	PSI Recorder No. <u>13339</u>	T-Open <u>0451</u>
(D) Initial Shut-In Pressure	<u>789</u>	<u>754</u>	PSI (depth) <u>4369</u>	T-Pulled <u>0826</u>
(E) Second Initial Flow Pressure	<u>436</u>	<u>332</u>	PSI Recorder No. <u> </u>	T-Out <u>1130</u>
(F) Second Final Flow Pressure	<u>639</u>	<u>662</u>	PSI (depth) <u> </u>	T-Off Location <u>1230</u>
(G) Final Shut-in Pressure	<u>789</u>	<u>756</u>	PSI Initial Opening <u>5</u>	Test <u>750</u>
(Q) Final Hydrostatic Mud	<u>2163</u>	<u>2135</u>	PSI Initial Shut-in <u>30</u>	Jars <u> </u>

Final Flow 60 Safety Joint X 50
Final Shut-in 120 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 Corey A Baker
Our Representative Bob Steinbrink

Circ. Sub X N/C
Sampler
Extra Packer
Elec. Rec. X 150
Mileage
Other
TOTAL PRICE \$ 950

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy Petroleum Corp.

DATE 11-30-00

WELL NAME: Stormont A #1-27

KB 2782.00 ft

TICKET NO: 12743

DST #4

LOCATION : 27-19S-28W Lane KS.

GR 2777.00 ft

FORMATION: Cherokee

INTERVAL : 4640.00 To 4667.00 ft

TD 4667.00 ft

TEST TYPE: COVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 5 Rec.	13339		3246			PF Fr. 0112 to 0117 hr
SI 30 Range(Psi)	4025.0	0.0	4995.0	0.0	0.0	IS Fr. 0117 to 0137 hr
SF 30 Clock(hrs)	12 HR		ALP			SF Fr. 0137 to 0217 hr
FS 30 Depth(ft)	4662.0	0.0	4642.0	0.0	0.0	FS Fr. 0217 to 0247 hr

	Field	1	2	3	4	
A. Init Hydro	2383.0	0.0	2356.0	0.0	0.0	T STARTED 2323 hr
B. First Flow	52.0	0.0	12.0	0.0	0.0	T ON BOTM 0110 hr
B1. Final Flow	52.0	0.0	14.0	0.0	0.0	T OPEN 0112 hr
C. In Shut-in	909.0	0.0	975.0	0.0	0.0	T PULLED 0247 hr
D. Init Flow	52.0	0.0	14.0	0.0	0.0	T OUT 0500 hr
E. Final Flow	52.0	0.0	16.0	0.0	0.0	
F. Fl Shut-in	619.0	0.0	683.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2343.0	0.0	2309.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	O		I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 56000.00 lbs
						Unseated Str Wt 56000.00 lbs
						Bot Choke 0.75 in
						Hole Size 8.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4208.00 ft
						H.W. I.D 2.80 in
						H.W. Length 440.00 ft

RECOVERY

Tot Fluid	5.00 ft of	0.00 ft in DC and	5.00 ft in DP
5.00	ft of Drlg. 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:

Very weak surface blow throughout

Final Flow:

Surge blow at open - no return

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/cf
Vis.	51.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop N	

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	Rod Steinbrink
Co. Rep.	Corey Baker
Contr.	Shields
Rig #	1
Unit #	
Pump T.	

SAMPLES:

SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** COVENTIONAL

WELL NAME: Stormont A #1-27

LOCATION : 27-19S-28W Lane KS.

TICKET No. 12743 D.S.T. No. 4 DATE 11-30-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL 27

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 49

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 49

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands75 Single Total 4643

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4692

TOTAL DEPTH 4667

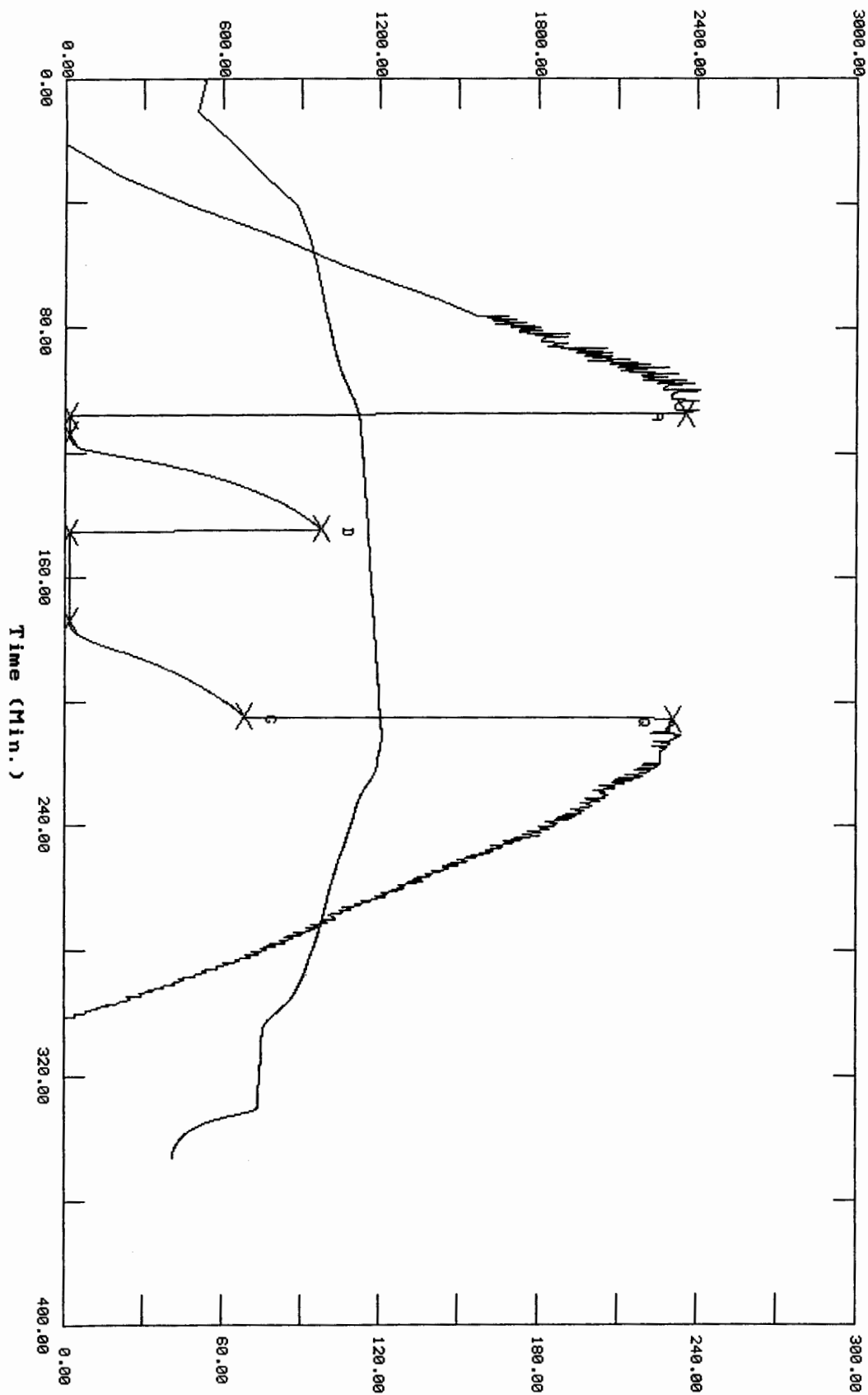
TOTAL DRILL PIPE ABOVE K.B. 25

REMARKS:

P.O. SUB 1' Above 120' WP	4498
C.O. SUB 1'	4618
S.I. TOOL 5'	4624
HMV 5'	4629
JARS n/a	
SAFETY JOINT 2'	4631
PACKER 4'	4635
PACKER 5'	4640
DEPTH 1'	4641
ANCHOR ALP Rec. @	4642
21' Perf	4662
AK-1 Rec. @	4662
BULLNOSE 5'	
T.D.	4667

TEST HISTORY

12743 DST #4 Stormont A #1-27 McCoy Pet. Corp.



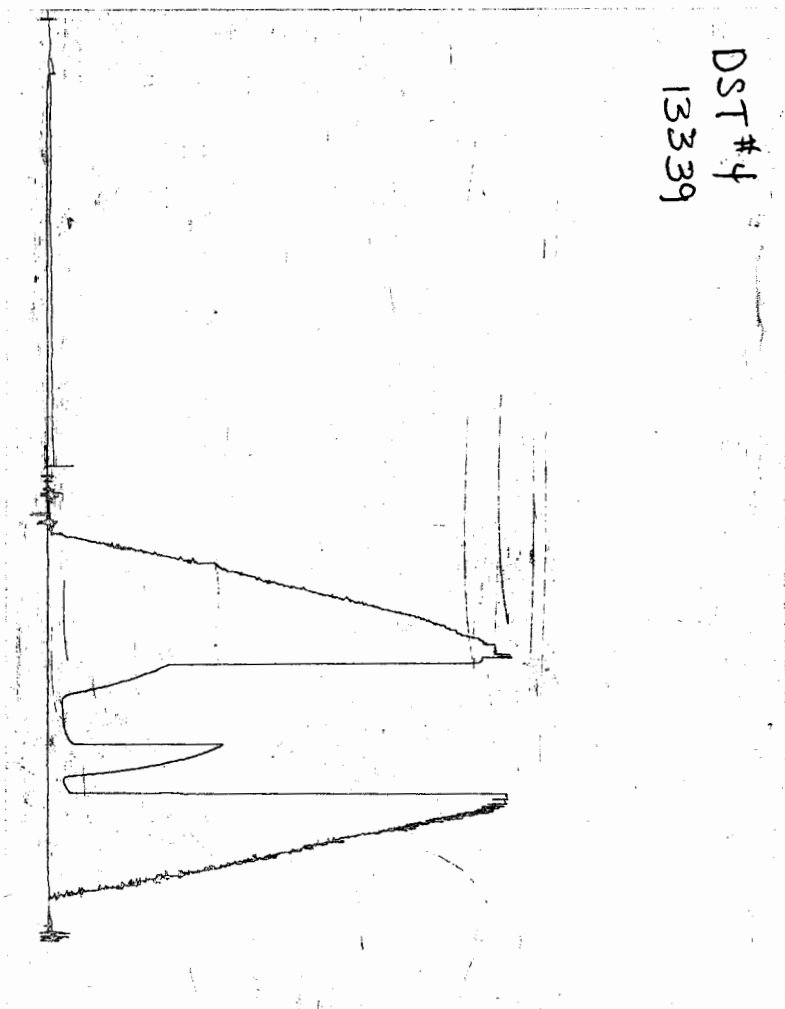
Flag Points

	t (Min.)	P (PSig)
A:	0.00	2356.83
B:	0.00	12.76
C:	6.25	14.32
D:	30.50	975.37
E:	0.00	14.54
F:	28.50	16.71
G:	31.25	683.99
H:	0.00	2309.65

Temperature (DEG F)

CHART PAGE

DST #4
13339



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 12743

Well Name & No.	<u>Storment A #1-27</u>	Test No.	<u>4</u>	Date	<u>11-30-00</u>
Company	<u>McLoy Petroleum Corporation</u>	Zone Tested	<u>Cherokee</u>		
Address	<u>4535 Webb Rd Ste 310 Wichita, KS 67278-0208</u>	Elevation	<u>2782</u>	KB	<u>2777</u> GL
Co. Rep / Geo.	<u>Corey Baker</u>	Cont.	<u>Shields #1</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>27</u>	Twp.	<u>19^S</u>	Rge.	<u>28^W</u> Co. <u>Lane</u> State <u>KS</u>
No. of Copies	<u> </u>	Distribution Sheet (Y, N)	<u>Y</u>	Turnkey (Y, N)	<u>N</u> Evaluation (Y, N) <u> </u>

Interval Tested	<u>4640 - 4667</u>	Initial Str Wt/Lbs.	<u>56,000</u>	Unseated Str Wt/Lbs.	<u>56,000</u>
Anchor Length	<u>27'</u>	Wt. Set Lbs.	<u>30,000</u>	Wt. Pulled Loose/Lbs.	<u>60,000</u>
Top Packer Depth	<u>4635</u>	Tool Weight	<u>1,800</u>		
Bottom Packer Depth	<u>4640</u>	Hole Size — 7 7/8"	<u> </u>	Rubber Size — 6 3/4"	<u> </u>
Total Depth	<u>4667</u>	Wt. Pipe Run	<u>440' (7)</u>	Drill Collar Run	<u> </u>
Mud Wt. <u>9.4</u> LCM <u> </u> Vis. <u>51</u> WL <u>9.6</u>		Drill Pipe Size	<u>4 1/2" FH</u>	Ft. Run	<u>4203' (68)</u>
Blow Description	<u>IF: Very weak surface blow throughout</u>				

FF: Surge blow at open, no return.

Recovery — Total Feet	<u>5'</u>	GIP	<u> </u>	Ft. in DC	<u> </u>	Ft. in DP	<u>5'</u>
Rec.	Feet Of		%gas	%oil	%water	%mud	
Rec.	Feet Of		%gas	%oil	%water	%mud	
Rec.	<u>5'</u> Feet Of	<u>Drilg Mud</u>	%gas	%oil	%water	%mud	
Rec.	Feet Of		%gas	%oil	%water	%mud	
Rec.	Feet Of		%gas	%oil	%water	%mud	
BHT	<u>120°</u>	°F Gravity	<u> </u>	°API D@	<u> </u>	°F Corrected Gravity	<u> </u> °API
RW	<u> </u> @ <u> </u>	°F Chlorides	<u> </u>	ppm Recovery	<u> </u>	Chlorides	<u>5,000</u> ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2383</u>	<u>2356</u>		<u>3246</u>	<u>2230</u>
(B) First Initial Flow Pressure	<u>52</u>	<u>12</u>	PSI (depth)	<u>4642</u>	T-Started <u>2323</u>
(C) First Final Flow Pressure	<u>52</u>	<u>14</u>	PSI Recorder No.	<u>13339</u>	T-Open <u>0112</u>
(D) Initial Shut-In Pressure	<u>909</u>	<u>975</u>	PSI (depth)	<u>4662</u>	T-Pulled <u>0247</u>
(E) Second Initial Flow Pressure	<u>52</u>	<u>14</u>	PSI Recorder No.	<u> </u>	T-Out <u>0500</u>
(F) Second Final Flow Pressure	<u>52</u>	<u>16</u>	PSI (depth)	<u> </u>	T-Off Location <u>0545</u>
(G) Final Shut-in Pressure	<u>619</u>	<u>683</u>	PSI Initial Opening	<u>5</u>	Test <u>750</u>
(Q) Final Hydrostatic Mud	<u>2343</u>	<u>2309</u>	PSI Initial Shut-in	<u>30</u>	Jars <u> </u>

Final Flow	<u>30</u>	Safety Joint	<u>X</u> <u>50</u>
Final Shut-in	<u>30</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 Corey N. Baker

Our Representative Bob Steinbrink

Circ. Sub	<u>X</u> <u>N/C</u>
Sampler	<u> </u>
Extra Packer	<u> </u>
Elec. Rec.	<u>X</u> <u>150</u>
Mileage	<u>36</u>
Other	<u> </u>
TOTAL PRICE \$	<u>986</u>

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy Petroleum Corp.

DATE 12-2-00

WELL NAME: Stormont A #1-27

KB 2782.00 ft

TICKET NO: 12744

DST #5

LOCATION : 27-19S-28W Lane co KS

GR 2777.00 ft

FORMATION: L/KC "L"

INTERVAL : 4348.00 To 4359.00 ft

TD 4707.00 ft

TEST TYPE: CONV STRADDLE

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	3246		13339			PF Fr. 0612 to 0642 hr
SI 30 Range(Psi)	4995.0	0.0	4025.0	0.0	0.0	IS Fr. 0642 to 0712 hr
SF 30 Clock(hrs)	ALP		12 HR			SF Fr. 0712 to 0742 hr
FS 30 Depth(ft)	4350.0	0.0	4390.0	0.0	0.0	FS Fr. 0742 to 0812 hr

	Field	1	2	3	4	
A. Init Hydro	2593.0	0.0	2197.0	0.0	0.0	T STARTED 0415 hr
B. First Flow	0.0	0.0	49.0	0.0	0.0	T ON BOTM 0610 hr
B1. Final Flow	0.0	0.0	246.0	0.0	0.0	T OPEN 0612 hr
C. In Shut-in	0.0	0.0	714.0	0.0	0.0	T PULLED 0812 hr
D. Init Flow	0.0	0.0	264.0	0.0	0.0	T OUT 1115 hr
E. Final Flow	0.0	0.0	337.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	707.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2113.0	0.0	2165.0	0.0	0.0	Tool Wt. 3000.00 lbs
Inside/Outside	I		S			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 62000.00 lbs
						Unseated Str Wt 64000.00 lbs
						Bot Choke 0.75 in
						Hole Size 8.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 60.00 ft
						D.P. Length 3862.00 ft
						H.W. I.D 2.80 in
						H.W. Length 440.00 ft

RECOVERY

Tot Fluid 1090.00 ft of 60.00 ft in DC and 1030.00 ft in DP

610.00 ft of Clean gassy oil

0.00 ft of 50% gas 50% oil

360.00 ft of Gassy watery mud cut oil

0.00 ft of 35% gas 40% oil 15% water 10% mud

120.00 ft of Gassy oily water cut mud

0.00 ft of 10% gas 20% oil 35% water 35% mud

0.00 ft of

0.00 ft of

SALINITY 0.00 P.P.M. A.P.I. Gravity 35.00

BLOW DESCRIPTION

Initial Flow:

Weak to fair blow off bottom in 5 minutes.

Initial Shut-In:

Surface return built to 4"

Final Flow:

Weak to fair blow off bottom in 7 minutes.

Final Shut-In:

Surface return built to 1"

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/c
Vis.	47.00 S/L
W.L.	10.00 in3
F.C.	0.00 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
Cushion Type	
Reversed Out N	
Tool Chased N	

Tester	Rod Steinbrink
Co. Rep.	Corey Baker
Contr.	Shields
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV STRADDLE

WELL NAME: Stormont A #1-27

LOCATION : 27-19S-28W Lane co KS

TICKET No. 12744 D.S.T. No. 5 DATE 12-2-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 17

INTERVAL TOOL 11

BOTTOM PACKERS AND ANCHOR 7

TOTAL TOOL 35

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 5 Single 1 Total 341

TOTAL ASSEMBLY 376

D.C. ABOVE TOOLS.Stands1 Single Total 60

D.P. ABOVE TOOLS.Stands70 Single 1 Total 4302

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4738

TOTAL DEPTH 4707

TOTAL DRILL PIPE ABOVE K.B. 31

REMARKS:

P.O. SUB 1' Above 120'DC-WP	4211
C.O. SUB 1'	4331
S.I. TOOL 5'	4337
HMV 5'	4342
JARS n/a	
SAFETY JOINT 2'	4344
n/a	
PACKER 4'	4348
DEPTH 1'	4349
ANCHOR ALP Rec. @	4350
5' Perf	4354
1' Blank Off Sub	4355
3'	4358
PACKER 1'	4359
1' Stubb	4360
31' DP	4361
AK-1 Rec. @	4390
1' Hanger Sub	4392
310' DP	4702
BULLNOSE 5'	
T.D.	4707

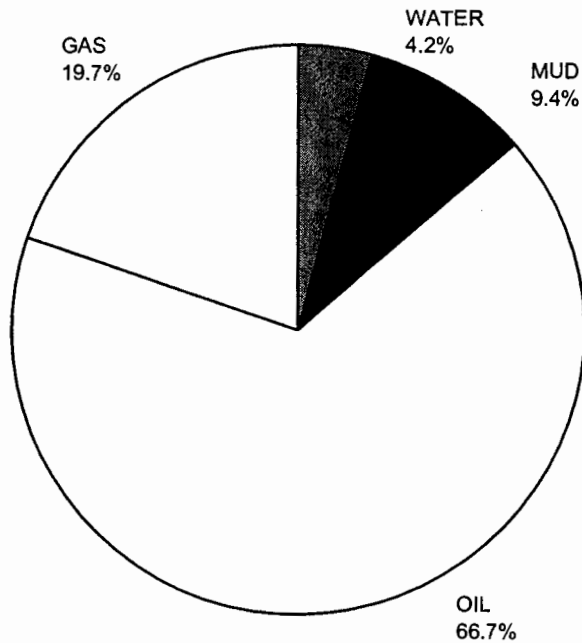
CALCULATED RECOVERY ANALYSIS

DST 5

TICKET 12744

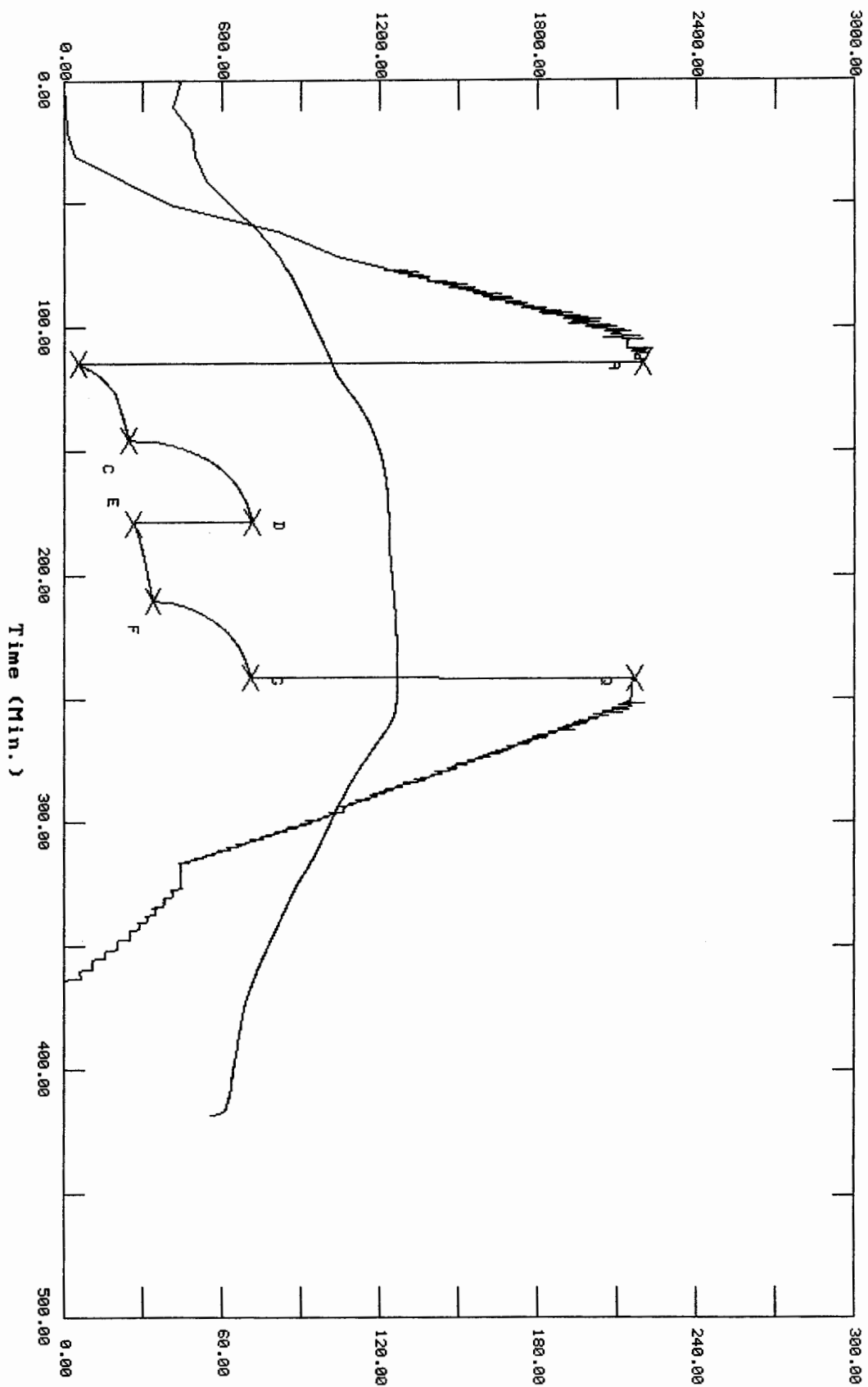
SAMPLE #		TOTAL FEET	GAS %	FEET	OIL %	FEET	WATER %	FEET	MUD %	FEET
DRILL	1	610	50	0	50	305	0	0	0	0
PIPE	2	360	35	126	40	144	15	0	10	36
	3	60	10	6	20	0	35	21	35	21
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0
WEIGHT	1	0	0	0	0	0	0	0	0	0
PIPE	2	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0
DRILL	1	60	10	6	20	12	35	21	35	21
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		1090	0	138	0	461	0	42	0	78

BBL OIL= 6.44346 * HRS OPEN 1 = BBL/DAY 154.64304
 BBL WATER= 0.40131 * = 9.63144
 BBL MUD= 0.91323
 BBL GAS = 1.90638



TEST HISTORY

12744 DST #5 Stormont A #1-27 McCoy Petroleum Corp.



Temperature (DEG F)

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 12744

Well Name & No.	Stormont A #1-27	Test No.	5	Date	12-2-00
Company	McCoy Petroleum Corporation	Zone Tested	L/KC 'L'		
Address	453 S Webb Rd Ste 310 Wichita, KS 67278 0208	Elevation	2782	KB	2717 GL
Co. Rep / Geo.	Corey Baker	Cont.	Shields #1	Est. Ft. of Pay	Por. %
Location: Sec.	27	Twp.	19 ^S	Rge.	28 ^W
		Co.	Lane	State	KS
No. of Copies		Distribution Sheet (Y, N)	Y	Turnkey (Y, N)	N
		Evaluation (Y, N)			

Interval Tested 4348 - 4359 Initial Str Wt./Lbs. 62,000 Unseated Str Wt./Lbs. 64,000
Anchor Length 11' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 75,000
Top Packer Depth 4348 Tool Weight 3,000
Bottom Packer Depth 4359 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Total Depth (LTD) 4707 Wt. Pipe Run 440' (7) Drill Collar Run 60' (1)
Mud Wt. 9.4 LCM Vis. 47 WL 10.0 Drill Pipe Size 4 1/2" FH Ft. Run 3876.2 (63.1)
Blow Description FF: Weak to fair blow off bttm in 5 mins.
ISI: Surface return built to 4"
FF: Weak to fair blow off bttm in 7 mins.
ESI: Surface return built to 1"

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>610'</u> Feet Of <u>C60</u>		<u>50</u> %gas <u>50</u> %oil	%water %mud
Rec. <u>360'</u> Feet Of <u>GWMCO</u>		<u>35</u> %gas <u>40</u> %oil	<u>15</u> %water <u>10</u> %mud
Rec. <u>120'</u> Feet Of <u>GOWCM</u>		<u>10</u> %gas <u>20</u> %oil	<u>35</u> %water <u>35</u> %mud
BHT <u>126.0</u> °F Gravity <u>34</u> °API D@ <u>50.0</u> °F Corrected Gravity <u>35</u> °API			
RW @ °F Chlorides		ppm Recovery	Chlorides <u>4,500</u> ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2593</u>	<u>2197</u>		<u>3246</u>	<u>0230</u>
(B) First Initial Flow Pressure		<u>49</u>	PSI (depth)	<u>4350</u>	T-Started <u>0415</u>
(C) First Final Flow Pressure		<u>246</u>	PSI Recorder No.		T-Open <u>0612</u>
(D) Initial Shut-In Pressure		<u>714</u>	PSI (depth)		T-Pulled <u>0812</u>
(E) Second Initial Flow Pressure		<u>263</u>	PSI Recorder No.	<u>13339</u>	T-Out <u>1115</u>
(F) Second Final Flow Pressure		<u>337</u>	PSI (depth)	<u>4390</u>	T-Off Location <u>1215</u>
(G) Final Shut-in Pressure		<u>707</u>	PSI Initial Opening	<u>30</u>	Test <u>800</u>
(Q) Final Hydrostatic Mud	<u>2113</u>	<u>2165</u>	PSI Initial Shut-in	<u>30</u>	Jars

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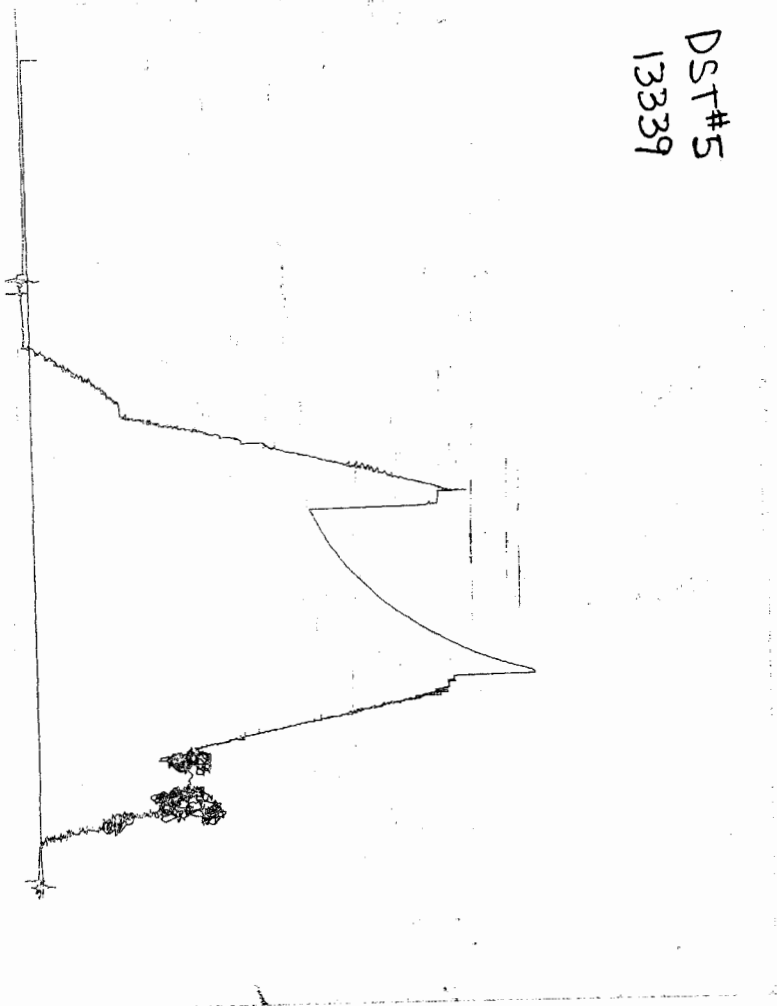
Approved By Corey D Baker

Our Representative Rod Steinbrink

Final Flow 30 Safety Joint X 50
Final Shut-in 30 Straddle X 250
Circ. Sub X N/C
Sampler
Extra Packer
Elec. Rec. X 150
Mileage 36
Other
TOTAL PRICE \$ 1286

CHART PAGE

DST#5
13339



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