

Computer Inverted

15-187-20924 *gwt*

ORIGINAL

Well Name: Hoffman 1-25 A
Company: McCoy Petroleum Corp.
Location: 25-30s-41w
Stanton county Kansas
Date: 11-24-99

RECEIVED
STATE CORPORATION COMMISSION

MAR 20 2000

CONSERVATION DIVISION
Wichita, Ks.

K. McCoy
K. McCoy
K. McCoy

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy Petroleum Corp.

DATE 11-18-99

WELL NAME: Hoffman 1-25

KB 3366.00 ft

TICKET NO: 12238 DST #1

LOCATION : 25-30S-41W Stanton co KS

GR 3360.00 ft

FORMATION: lower morrow

INTERVAL : 5243.00 To 5260.00 ft

TD 5260.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13277	13277	3026			PF Fr. 1904 to 1934 hr
SI 30	Range(Psi)	4150.0	4150.0	4995.0	0.0	0.0	IS Fr. 1934 to 2004 hr
SF 30	Clock(hrs)	12hr	12hr	elect			SF Fr. 2004 to 2034 hr
FS 30	Depth(ft)	5260.0	5260.0	5250.0	0.0	0.0	FS Fr. 2034 to 2304 hr

	Field	1	2	3	4	
A. Init Hydro	2525.0	2532.0	2517.0	0.0	0.0	T STARTED 1715 hr
B. First Flow	54.0	36.0	10.0	0.0	0.0	T ON BOTM 1903 hr
B1. Final Flow	54.0	36.0	18.0	0.0	0.0	T OPEN 1904 hr
C. In Shut-in	54.0	59.0	44.0	0.0	0.0	T PULLED 2104 hr
D. Init Flow	54.0	36.0	13.0	0.0	0.0	T OUT 2345 hr
E. Final Flow	54.0	36.0	17.0	0.0	0.0	
F. Fl Shut-in	54.0	54.0	36.0	0.0	0.0	
G. Final Hydro	2463.0	2440.0	2505.0	0.0	0.0	TOOL DATA-----
Inside/Outside	0	0	I			Tool Wt. 1800.00 lbs
						Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 95000.00 lbs
						Initial Str Wt 84000.00 lbs
						Unseated Str Wt 84000.00 lbs
						Bot Choke 0.78 in
						Hole Size 7.78 in
						D Col. ID 2.23 in
						D. Pipe ID 3.38 in
						D.C. Length 238.00 ft
						D.P. Length 4991.00 ft

RECOVERY

Tot Fluid 1.00 ft of 1.00 ft in DC and 0.00 ft in DP

1.00 ft of Mud 100%

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 1/4" surface blow died in 10 mins.

Initial Shut-in:
No blow back

Final Flow:
No blow

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type chemical

Weight 9.10 lb/cf

Vis. 50.00 S/L

W.L. 8.00 in3

F.C. 0.00 in

Mud Drop N

Amt. of fill 0.00 ft

Btm. H. Temp. 110.00 F

Hole Condition good

% Porosity 0.00

Packer Size 6.75 in

No. of Packers 2

Cushion Amt. 0.00

Cushion Type

Reversed Out N

Tool Chased N

Tester Scott Bugbee

Co. Rep. Tim Lauer

Contr. Pickrell

Rig # 1

Unit #

Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Hoffman 1-25

LOCATION : 25-30S-41W Stanton co KS

TICKET No. 12238 D.S.T. No. 1 DATE 11-18-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 17

TOTAL TOOL 44

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	4	Single	Total	238
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D.P. ABOVE TOOLS.	Stands	81	Single	1	Total	4991
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TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5273

TOTAL DEPTH 5260

TOTAL DRILL PIPE ABOVE K.B. 13

REMARKS:

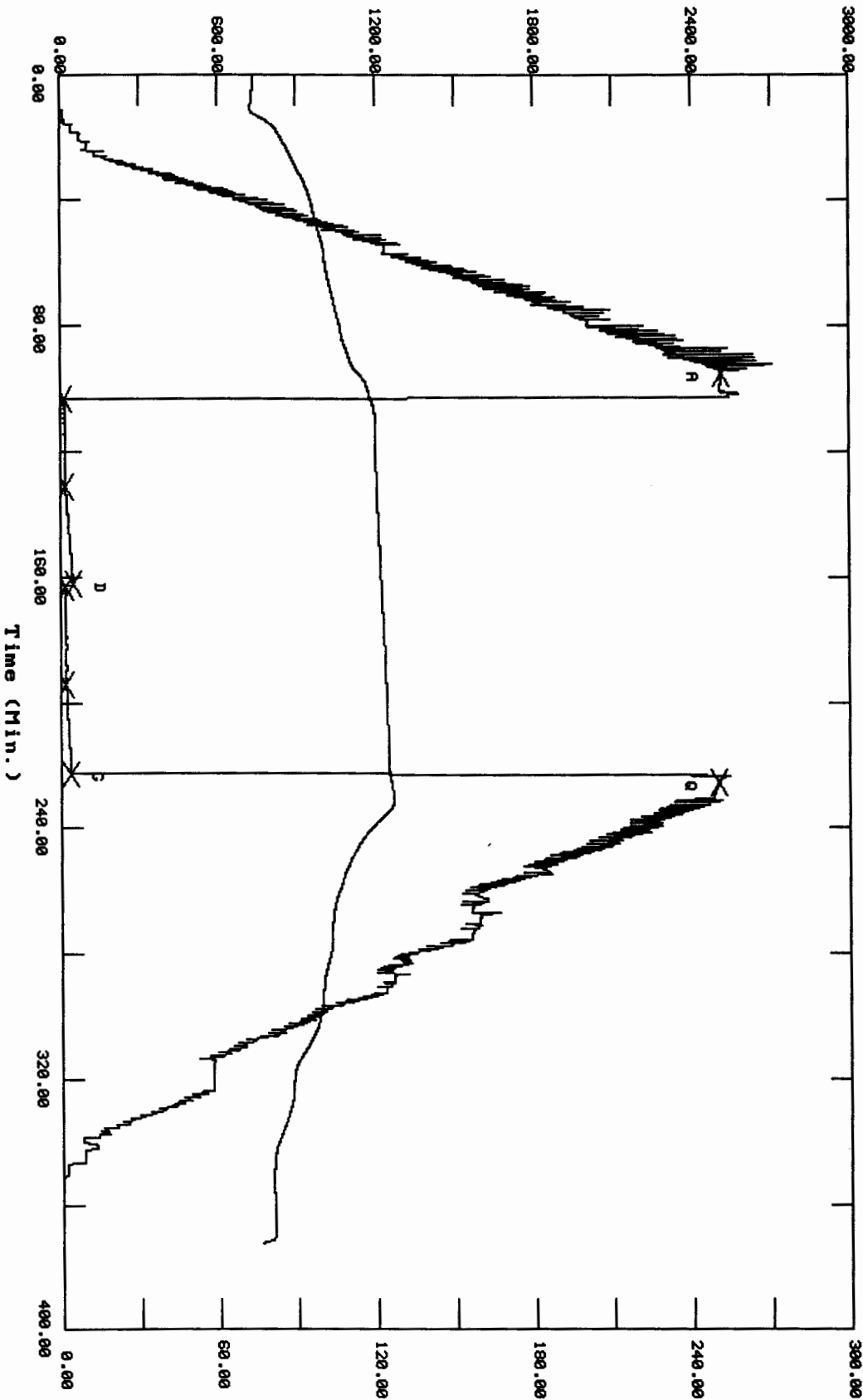
P.O. SUB top of tool	5216
C.O. SUB 1' DP	5217
S.I. TOOL 5'	5222
HMV 5'	5227
JARS 5'	5232
SAFETY JOINT 2'	5234
PACKER 5'	5239
PACKER 5'	5243
DEPTH 5243	
STUBB 1'	5244
ANCHOR	
1' perf	5245
Alpine Rec.	5250
T.C.	
DEPTH	
5' PU sub	5250
5' Perf	5255
Ak1 Rec.	5260
BULLNOSE	
T.D. 5'	5260

12238 DST#1 Hoffman 1-25 McCoy Petroleum Corporation

TEST HISTORY

Flag Points

Flag Points	Time (Min.)	Pressure (PSI _g)
A	0.00	2517.21
B	0.00	10.70
C	27.83	18.09
D	31.17	44.60
E	0.00	13.76
F	31.25	17.61
G	28.50	36.03
H	0.00	2505.63

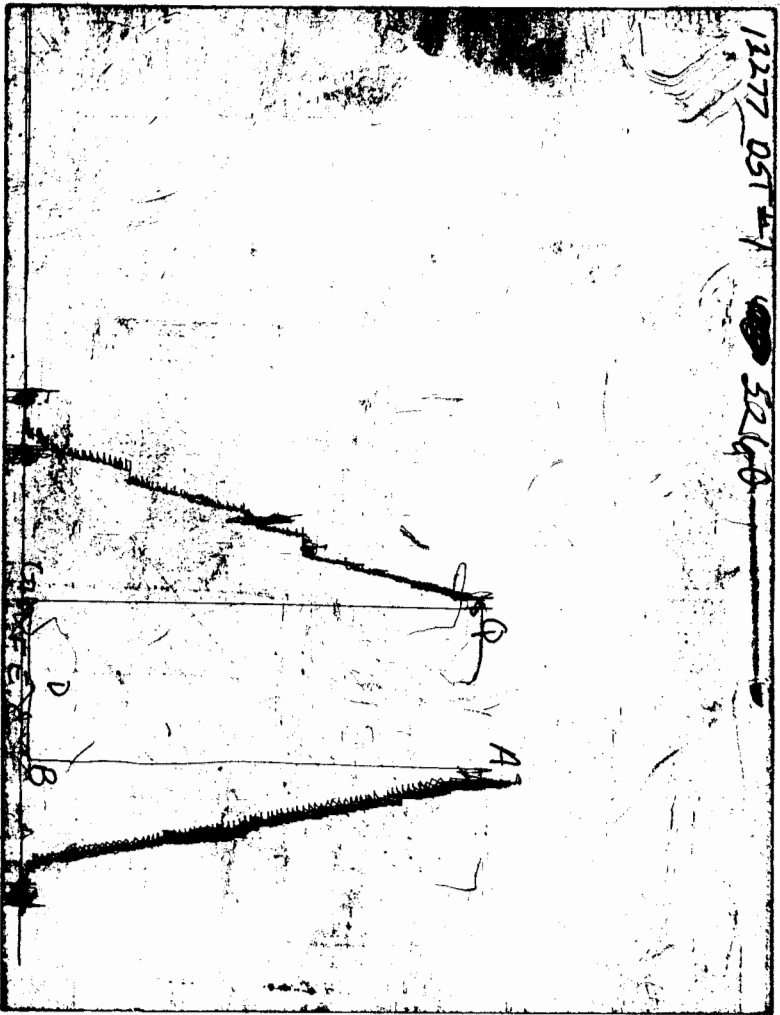


Pressure (PSI_g)

Temperature (DEG F)

Time (Min.)

CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 12238

Test Ticket

Well Name & No. #1-25 Hoffman	Test No. #1	Date 11-18-99
Company McCoy Pet. Corp.	Zone Tested Lower Morrow	
Address P.O. Box 280208 Wichita Ks. 67228-0208	Elevation 3366	KB 3360 GL
Co. Rep / Geo. Tim Lauer	Cont. Arkwell Drilling	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 25 Twp. 30S Rge. 41W	Co. Stanton	State KS
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5243-5260	Initial Str Wt./Lbs. 84,000	Unseated Str Wt./Lbs. _____
Anchor Length 17'	Wt. Set Lbs. 20,000	Wt. Pulled Loose/Lbs. _____
Top Packer Depth 5238	Tool Weight 1800	
Bottom Packer Depth 5243	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth 5260	Wt. Pipe Run _____	Drill Collar Run 238
Mud Wt. 9.1 LCM 4 Vis. 50 WL 8.0	Drill Pipe Size 4 1/2 XH	Ft. Run 499 499
Blow Description 1 st open weak 1/4" surface blow died in 10 min. No blow back 2 nd open no blow		

Recovery — Total Feet 1	GIP _____	Ft. in DC 1	Ft. in DP _____
Rec. 1 Feet Of mud	%gas _____	%oil _____	%water 100% 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 120 °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery	Chlorides _____ ppm System	

(A) Initial Hydrostatic Mud	AK-1 2525	Alpine 2517	PSI Recorder No. 3026	T-On Location 4:00 P.M.
(B) First Initial Flow Pressure	54	10	PSI (depth) 5250	T-Started 5:00 P.M.
(C) First Final Flow Pressure	54	18	PSI Recorder No. 13277	T-Open 7:04 P.M.
(D) Initial Shut-In Pressure	54	44	PSI (depth) 5260	T-Pulled 9:04 P.M.
(E) Second Initial Flow Pressure	54	13	PSI Recorder No. _____	T-Out _____
(F) Second Final Flow Pressure	54	17	PSI (depth) _____	T-Off Location _____
(G) Final Shut-in Pressure	54	36	PSI Initial Opening 30	Test <input checked="" type="checkbox"/> 800 ⁰⁰
(Q) Final Hydrostatic Mud	2463	2505	PSI Initial Shut-in 20	Jars <input checked="" type="checkbox"/> 200 ⁰⁰
			Final Flow 30	Safety Joint <input checked="" type="checkbox"/> 150 ⁰⁰
			Final Shut-in 30	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 Tim Lauer
 Our Representative Scott Byrbee

Circ. Sub
 Sampler _____
 Extra Packer _____
 Elec. Rec. 150⁰⁰
 Mileage _____
 Other _____
 TOTAL PRICE \$ _____

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy Petroleum Corp. DATE 11-19-99
 WELL NAME: Hoffman 1-25 KB 3366.00 ft TICKET NO: 12239 DST #2
 LOCATION : 25-30s-41w Stanton co KS GR 3360.00 ft FORMATION:
 INTERVAL : 5323.00 To 5365.00 ft TD 5365.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----		
PF	0	Rec.	13277	13277			PF Fr.	to	hr
SI	0	Range (Psi)	4150.0	4150.0	0.0	0.0	IS Fr.	to	hr
SF	0	Clock (hrs)	12hr	112hr			SF Fr.	to	hr
FS	0	Depth (ft)	5365.0	5365.0	0.0	0.0	FS Fr.	to	hr

	Field	1	2	3	4		
A. Init Hydro	2525.0	0.0	0.0	0.0	0.0	T STARTED	1520 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM	1828 hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN	1829 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED	1900 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT	2020 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	2236.0	0.0	0.0	0.0	0.0	Tool Wt.	1800.00 lbs
Inside/Outside	0	0				Wt Set On Packer	30000.00 lbs
						Wt Pulled Loose	0.00 lbs
						Initial Str Wt	84000.00 lbs
						Unseated Str Wt	85000.00 lbs
						Bot Choke	0.78 in
						Hole Size	7.78 in
						D Col. ID	2.25 in
						D. Pipe ID	3.38 in
						D.C. Length	238.00 ft
						D.P. Length	5234.00 ft

RECOVERY

Tot Fluid 480.00 ft of 238.00 ft in DC and 242.00 ft in DP
 480.00 ft of mud 100%
 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

Misrun no packer seat

MUD DATA-----

Mud Type chemical
 Weight 9.10 lb/cf
 Vis. 51.00 S/L
 W.L. 8.00 in3
 F.C. 0.00 in
 Mud Drop

Amt. of fill 0.00 ft
 Btm. H. Temp. 120.00 F

Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00

Cushion Type
 Reversed Out N
 Tool Chased N

SAMPLES:
 SENT TO:

Tester Scott Bugbee
 Co. Rep. Tim Lauer
 Contr. Pickrell
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Hoffman 1-25

LOCATION : 25-30s-41w Stanton co KS

TICKET No. 12239 D.S.T. No. 2 DATE 11-19-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 42

TOTAL TOOL 69

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.Stands4 Single Total 238

D.P. ABOVE TOOLS.Stands82 Single 1 Total 5084

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5391

TOTAL DEPTH 5365

TOTAL DRILL PIPE ABOVE K.B. 26

REMARKS:

nisrun no packer seat

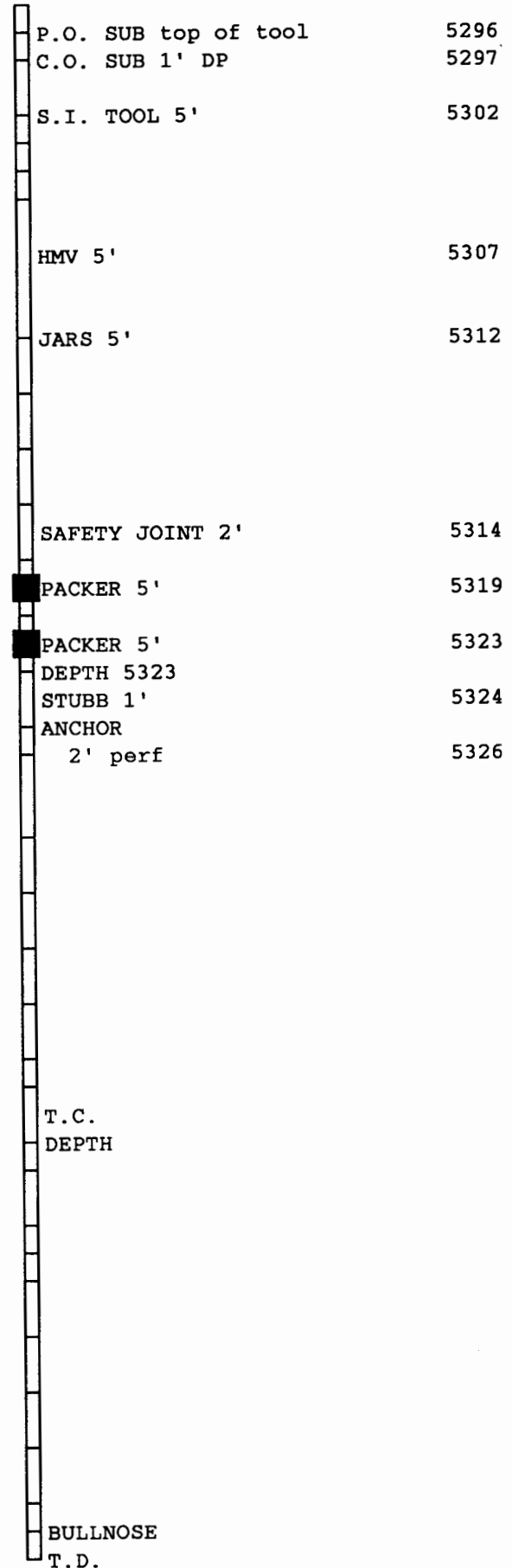
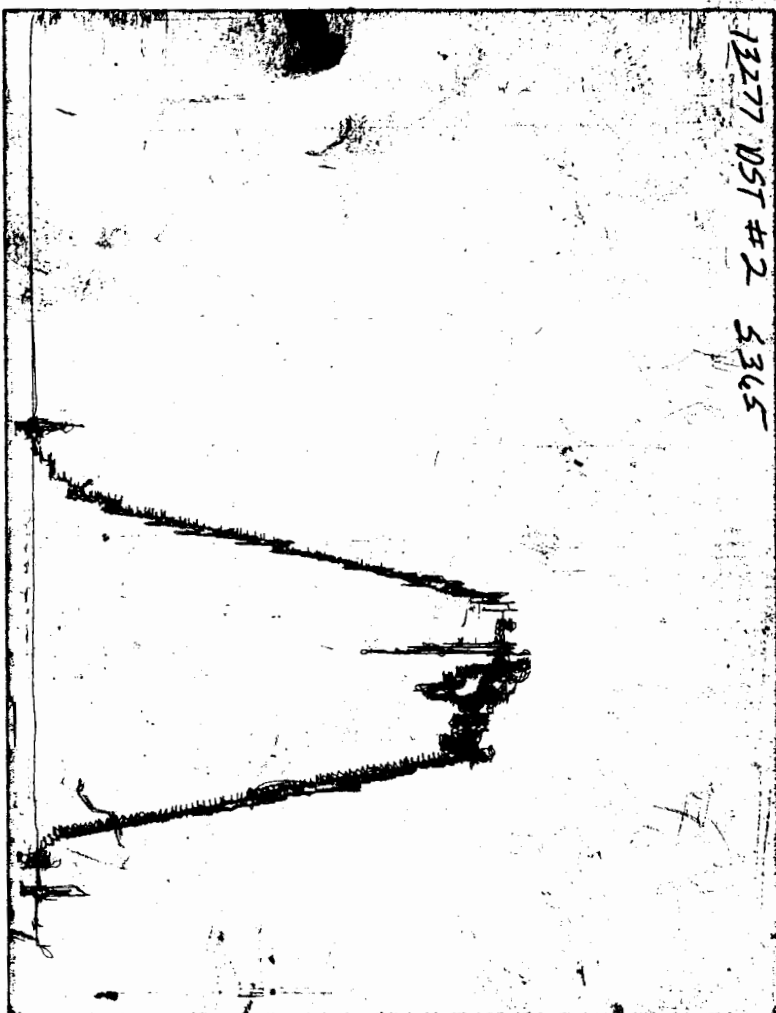


CHART PAGE



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TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 12239

Test Ticket

Well Name & No. Hoffman #1-25 Test No. #2 Date 11-19-99
Company McCoy Pet. Corp. Zone Tested Lower Morrow
Address Wichita Ks. 67278 Elevation _____ KB _____ GL _____
Co. Rep / Geo. Tim Lauer Cont. Pickrell #1 Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 25 Twp. 30S Rge. 4/W Co. Stanton State Ks.
No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5323-5365 Initial Str Wt./Lbs. 84,000 Unseated Str Wt./Lbs. 86,000
Anchor Length 42' Wt. Set Lbs. _____ Wt. Pulled Loose/Lbs. _____
Top Packer Depth 5319 Tool Weight 1800
Bottom Packer Depth 5323 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Total Depth 5365 Wt. Pipe Run _____ Drill Collar Run 238 ⁴⁵⁴⁶
Mud Wt. 9.1 LCM 3 Vis. 51 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 305
Blow Description MISRUN NO PACKER SEAT

Recovery — Total Feet 480 GIP _____ Ft. in DC 238 Ft. in DP 242
Rec. 480 Feet Of mud %gas _____ %oil _____ %water 100 %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 _____ ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2525</u>		PSI Recorder No. <u>3026</u>	T-On Location <u>2:50 P.M.</u>
(B) First Initial Flow Pressure			PSI (depth) <u>5331</u>	T-Started <u>4:25 P.M.</u>
(C) First Final Flow Pressure			PSI Recorder No. <u>13277</u>	T-Open <u>6:29 P.M.</u>
(D) Initial Shut-In Pressure			PSI (depth) <u>5365</u>	T-Pulled <u>7:00 P.M.</u>
(E) Second Initial Flow Pressure			PSI Recorder No. _____	T-Out _____
(F) Second Final Flow Pressure			PSI (depth) _____	T-Off Location _____
(G) Final Shut-in Pressure			PSI Initial Opening _____	Test <input checked="" type="checkbox"/> <u>600⁰⁰</u>
(Q) Final Hydrostatic Mud <u>2234</u>			PSI Initial Shut-in _____	Jars <input checked="" type="checkbox"/> <u>200⁰⁰</u>
			Final Flow _____	Safety Joint <input checked="" type="checkbox"/> <u>50⁰⁰</u>
			Final Shut-in _____	Straddle _____
				Circ. Sub <input checked="" type="checkbox"/> <u>N/C</u>
				Sampler _____
				Extra Packer _____
				Ele. Rec. <input checked="" type="checkbox"/> <u>750⁰⁰ N/C</u>
				Mileage _____
				Other _____
				TOTAL PRICE \$ _____

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 Scott Bugbee

TOTAL PRICE \$ 800.00

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy Petroleum Corp.

DATE 11-20-99

WELL NAME: Hoffman 1-25

KB 3366.00 ft

TICKET NO: 12241 DST #3

LOCATION : 25-30s-41w Stanton co KS

GR 3360.00 ft

FORMATION: Lower Morrow

INTERVAL : 5327.00 To 5365.00 ft

TD 5365.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11019	11019	3026			PF Fr. 0724 to 0754 hr
SI 30 Range(Psi)	4500.0	4500.0	4995.0	0.0	0.0	IS Fr. 0754 to 0824 hr
SF 30 Clock(hrs)	12hr	12hr	elect			SF Fr. 0824 to 0854 hr
FS 30 Depth(ft)	5365.0	5365.0	5335.0	0.0	0.0	FS Fr. 0854 to 0924 hr

	Field	1	2	3	4	
A. Init Hydro	2635.0	2664.0	2563.0	0.0	0.0	T STARTED 0430 hr
B. First Flow	56.0	54.0	31.0	0.0	0.0	T ON BOTM 0723 hr
B1. Final Flow	56.0	54.0	29.0	0.0	0.0	T OPEN 0724 hr
C. In Shut-in	79.0	88.0	79.0	0.0	0.0	T PULLED 0924 hr
D. Init Flow	56.0	54.0	26.0	0.0	0.0	T OUT 1130 hr
E. Final Flow	56.0	54.0	33.0	0.0	0.0	
F. Fl Shut-in	113.0	145.0	147.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2545.0	2610.0	2533.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs

RECOVERY

Tot Fluid	10.00 ft of	10.00 ft in DC and	0.00 ft in DP
10.00	ft of Mud 100%		
0.00	ft of		
0.00	ft of		
0.00	ft of		
0.00	ft of		
0.00	ft of		
0.00	ft of		

Initial Str Wt	86000.00 lbs
Unseated Str Wt	86000.00 lbs
Bot Choke	0.78 in
Hole Size	7.78 in
D Col. ID	2.25 in
D. Pipe ID	3.38 in
D.C. Length	238.00 ft
D.P. Length	5084.00 ft

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

BLOW DESCRIPTION

Initial Flow:
Weak 1/8" surface blow died back to 1/16"
Initial Shut-in:
No blow back
Final Flow:
Weak surface blow died in 15 mins.

MUD DATA-----	
Mud Type	chemical
Weight	9.10 lb/c
Vis.	51.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	0.00 F
Hole Condition	125
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Scott Bugbee
Co. Rep.	Tim Lauer
Contr.	Pickrell
Rig #	1
Unit #	
Pump T.	

SAMPLES:
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Hoffman 1-25

LOCATION : 25-30s-41w Stanton co KS

TICKET No. 12241 D.S.T. No. 3 DATE 11-20-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 38

TOTAL TOOL 65

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.Stands4 Single Total 238

D.P. ABOVE TOOLS.Stands82 Single Total 5084

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5387

TOTAL DEPTH 5365

TOTAL DRILL PIPE ABOVE K.B. 22

REMARKS:

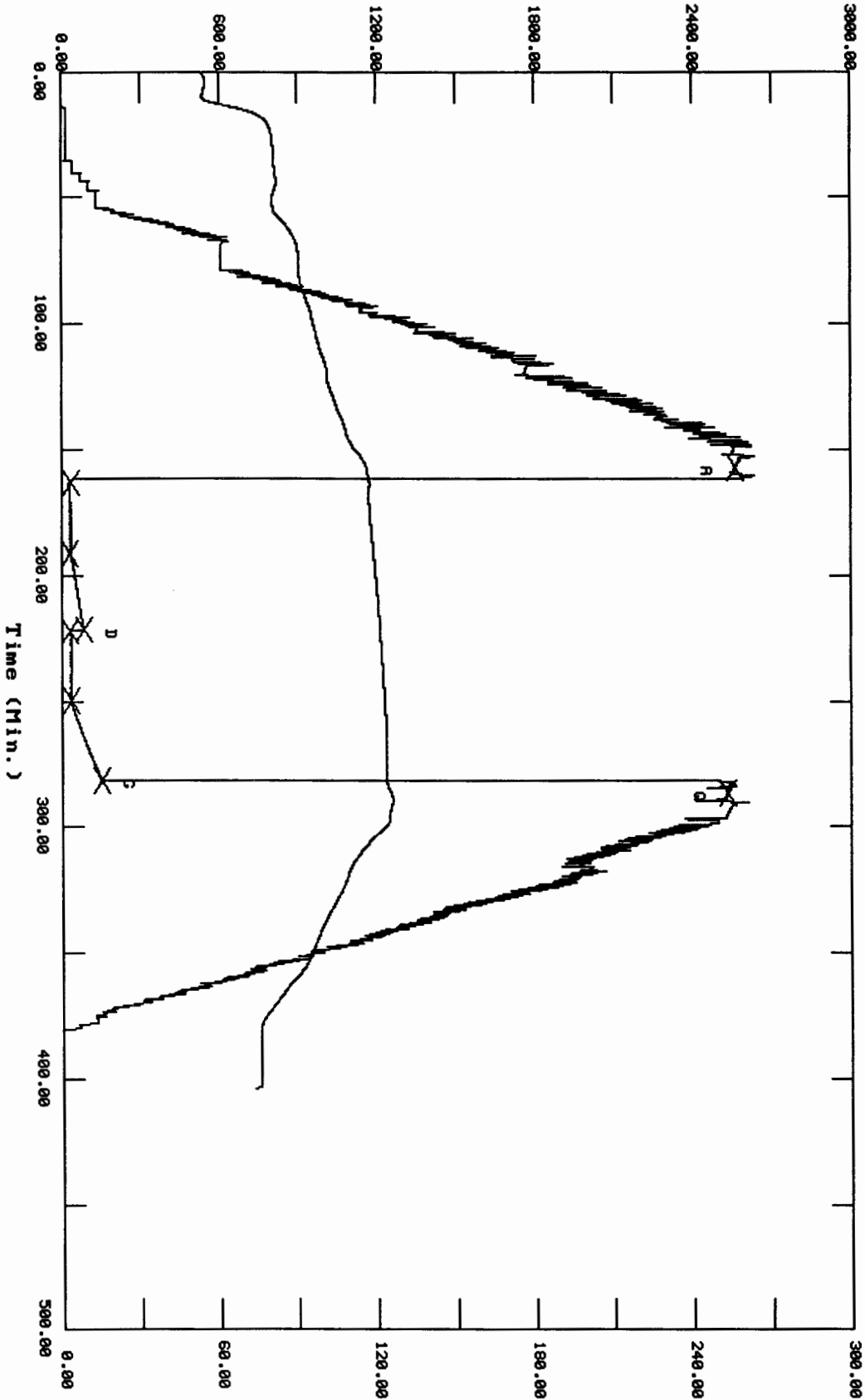
P.O. SUB 7op of tool	5300
C.O. SUB 1' DP	5301
S.I. TOOL 5'	5306
HMV 5'	5311
JARS 5'	5316
SAFETY JOINT 2'	5318
PACKER 5' Shale	5323
PACKER 5' Shale	5327
DEPTH 5327	
STUBB 1'	5328
ANCHOR	
2' perf	5330
Alpine Rec.	5335
5' PU sub	5335
T.C.	
DEPTH	
25' perf	5360
Ak1 Rec.	5365
BULLNOSE	
T.D. 5'	5365

TEST HISTORY

12241 DST#3 Hoffman 1-25 McCoy Petroleum Corp.

Flag Points
 t(Min.) P(PSig)

R:	0.00	2563.53
B:	0.00	31.69
C:	28.33	29.88
D:	30.17	79.83
E:	0.00	26.66
F:	27.75	39.51
G:	31.67	147.42
Q:	0.00	2533.01

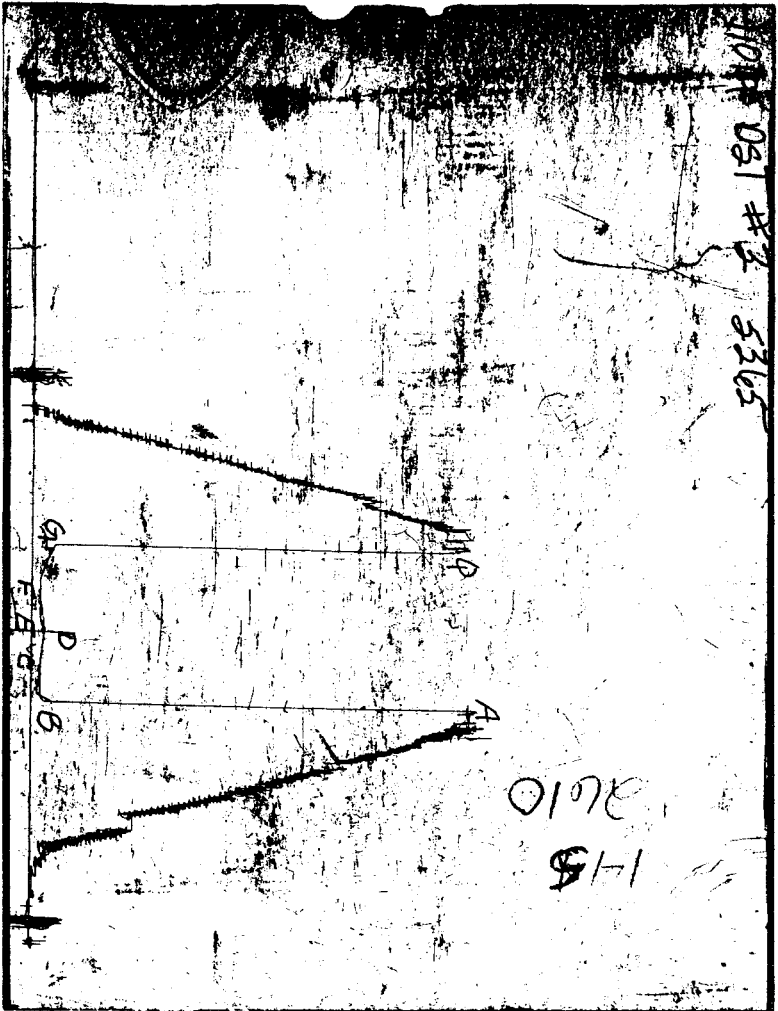


Temperature (DEG F)

Pressure (PSig)

Time (Min.)

CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 12241

Test Ticket

Well Name & No. <u>Huffman 1-25</u>	Test No. <u>3</u>	Date <u>11-20-99</u>
Company <u>McCoy Petroleum Corp.</u>	Zone Tested <u>Lower Morrow</u>	
Address <u>Wechita Ks.</u>	Elevation <u>3366</u> KB <u>3360</u> GL	
Co. Rep/Geo. <u>Tim Lauer</u>	Cont. <u>Pickrell #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>25</u> Twp. <u>30s</u> Rge. <u>41W</u> Co. <u>Stanton</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>5327-5365</u>	Initial Str Wt./Lbs. <u>86,000</u>	Unseated Str Wt./Lbs. <u>86,000</u>
Anchor Length <u>38'</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>115,000</u>
Top Packer Depth <u>5322</u>	Tool Weight <u>1800</u>	
Bottom Packer Depth <u>5327</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>5365</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u>238</u>
Mud Wt. <u>9.1</u> LCM <u>3</u> Vis. <u>51</u> WL <u>8.0</u>	Drill Pipe Size <u>4 1/2 x H</u>	Ft. Run <u>5084</u>
Blow Description <u>1st open weak 1/8" surface blow died back to 1/16"</u> <u>no blow back</u> <u>2nd open weak surface blow died in 15 minutes,</u>		

Recovery — Total Feet <u>10</u>	GIP <u> </u>	Ft. in DC <u>10</u>	Ft. in DP <u> </u>
Rec. <u>10</u> Feet Of <u>mud</u>	%gas <u> </u>	%oil <u> </u>	%water <u>100%</u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%mud <u> </u>
BHT <u> </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 Chlorides <u> </u> ppm System			

(A) Initial Hydrostatic Mud	AK-1 <u>2635</u>	Alpine <u>2563</u>	PSI Recorder No. <u>3026</u>	T-On Location <u>3:00 A.M.</u>
(B) First Initial Flow Pressure	<u>56</u>	<u>31</u>	PSI (depth) <u>5335</u>	T-Started <u>4:20 A.M.</u>
(C) First Final Flow Pressure	<u>56</u>	<u>29</u>	PSI Recorder No. <u>11019</u>	T-Open <u>7:29 A.M.</u>
(D) Initial Shut-In Pressure	<u>79</u>	<u>29</u>	PSI (depth) <u>5365</u>	T-Pulled <u>9:24 A.M.</u>
(E) Second Initial Flow Pressure	<u>56</u>	<u>26</u>	PSI Recorder No. <u> </u>	T-Out <u>11:30 A.M.</u>
(F) Second Final Flow Pressure	<u>56</u>	<u>33</u>	PSI (depth) <u> </u>	T-Off Location <u> </u>
(G) Final Shut-in Pressure	<u>113</u>	<u>147</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>800⁰⁰</u>
(Q) Final Hydrostatic Mud	<u>2545</u>	<u>2533</u>	PSI Initial Shut-in <u>30</u>	Jars <input checked="" type="checkbox"/> <u>200⁰⁰</u>
			Final Flow <u>30</u>	Safety Joint <input checked="" type="checkbox"/> <u>50⁰⁰</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 [Signature]

Our Representative Scott Bigbee

Circ. Sub N/C
 Sampler
 Extra Packer 2 shale packers
 Elec. Rec. 150⁰⁰
 Mileage
 Other
 TOTAL PRICE \$ 1500⁰⁰

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy Petroleum Corp.

DATE 11-21-99

WELL NAME: Hoffman 1-25

KB 3366.00 ft

TICKET NO: 12243

DST #4

LOCATION : 25-30s-41w Stanton co KS

GR 3360.00 ft

FORMATION: Lower Morrow

INTERVAL : 5380.00 To 5415.00 ft

TD 5415.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11019	11019	3026			PF Fr. 0047 to 0117 hr
SI 60 Range(Psi)	4500.0	4500.0	4995.0	0.0	0.0	IS Fr. 0117 to 0217 hr
SF 90 Clock(hrs)	12hr	12hr	elect			SF Fr. 0217 to 0347 hr
FS 120 Depth(ft)	5415.0	5415.0	5387.0	0.0	0.0	FS Fr. 0347 to 0547 hr

	Field	1	2	3	4	
A. Init Hydro	2646.0	2664.0	2579.0	0.0	0.0	T STARTED 2250 hr
B. First Flow	192.0	135.0	75.0	0.0	0.0	T ON BOTM 0016 hr
B1. Final Flow	113.0	115.0	75.0	0.0	0.0	T OPEN 0017 hr
C. In Shut-in	1151.0	1174.0	1155.0	0.0	0.0	T PULLED 0547 hr
D. Init Flow	147.0	116.0	99.0	0.0	0.0	T OUT 0820 hr
E. Final Flow	113.0	223.0	75.0	0.0	0.0	
F. Fl Shut-in	1174.0	1174.0	1148.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2612.0	2623.0	2541.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 110000.00 lb
						Initial Str Wt 86000.00 lbs
						Unseated Str Wt 86000.00 lbs
						Bot Choke 0.78 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.38 in
						D.C. Length 238.00 ft
						D.P. Length 5145.00 ft

RECOVERY

Tot Fluid 270.00 ft of 238.00 ft in DC and 32.00 ft in DP
 90.00 ft of Oil cut gassy mud 10% Gas 2% Oil 88% Mud
 120.00 ft of Gassy oil cut mud 20% Gas 5% Oil 75% Mud
 60.00 ft of Gassy muddy oil 75% Gas 10% Oil 15% Mud
 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

MUD DATA-----

Mud Type chemical
 Weight 9.10 lb/c
 Vis. 51.00 S/L
 W.L. 8.00 in3
 F.C. 0.00 in
 Mud Drop

BLOW DESCRIPTION

1st open B.O.B. in 30 sec. GTS in 15 min
 gas will burn

no blow back

2nd open .O.B. as soon as tool opened

no blow back

Amt. of fill 0.00 ft
 Btm. H. Temp. 130.00 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

SAMPLES: yes

SENT TO: Caraway Analytical

Tester Scott Bugbee
 Co. Rep. Tim Lauer
 Contr. Pickrell
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

GAS RECOVERY

COMPANY: McCoy Petroleum Corp.

DATE: 11-21-99

WELL NAME: Hoffman 1-25

KB Elev: 3366.00 ft TICKET #12243 DST #4

WELL LOCATION: 25-30s-41w Stanton co KS

GR Elev: 3360.00 ft FORMATION: Lower Morrow

INTERVAL Fr.: 5380.00 To 5415.00 T.D.: 5415.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Merla

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	1.00	8	0	425000.0
10	1.00	4	0	283000.0
15	1.00	4	0	283000.0

***** GAS RATES FOR FLOW #2

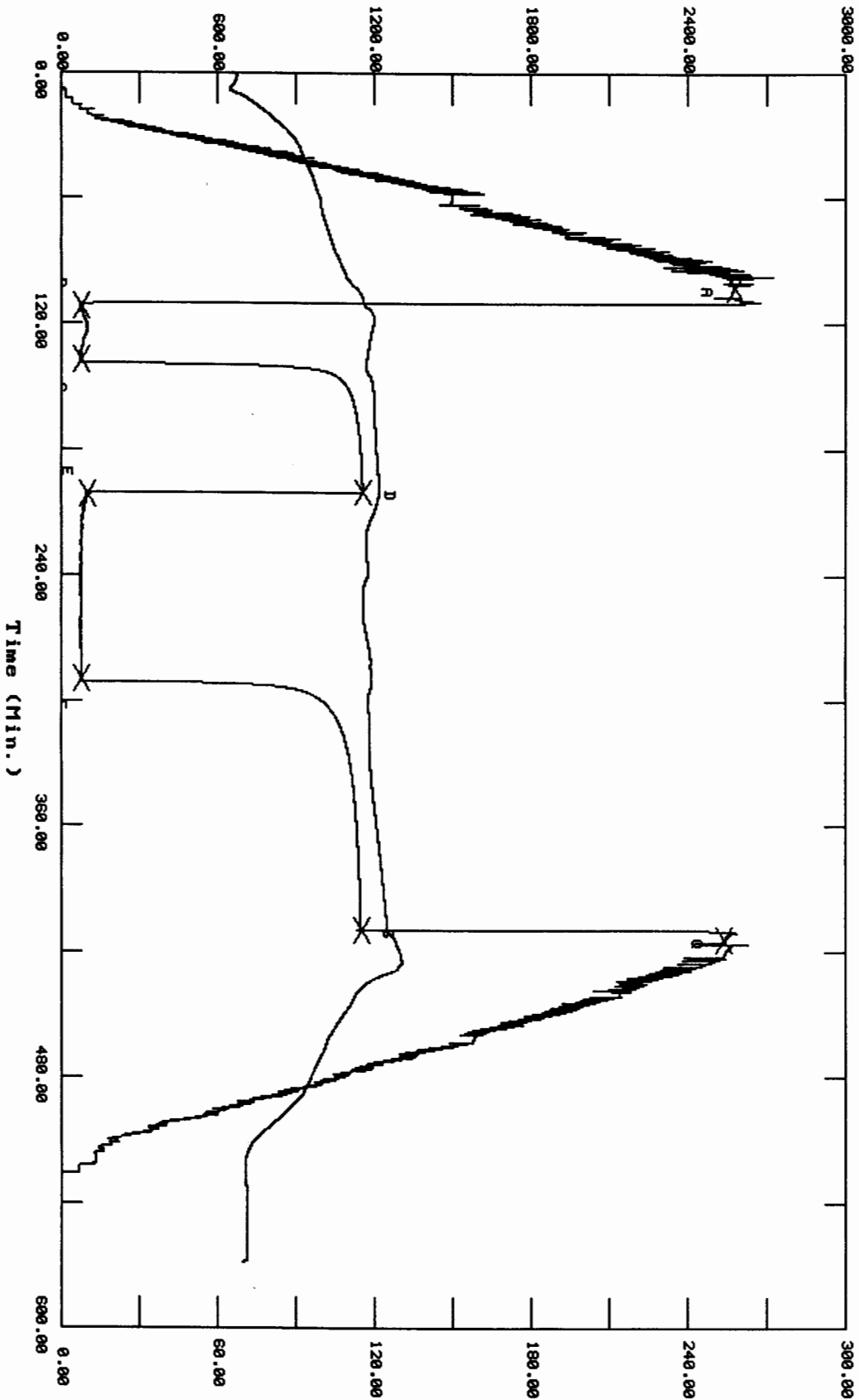
Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	1.00	4	0	283000.0
10	1.00	4	0	283000.0
20	1.00	6	0	353000.0
30	1.00	4	0	283000.0
40	1.00	4	0	283000.0
50	1.00	4	0	283000.0
60	1.00	4	0	283000.0
70	1.00	4	0	283000.0
80	1.00	4	0	283000.0
90	1.00	4	0	283000.0

12243 Dst#4 Hoffman 1-25 McCoy Petroleum Corp.

TEST HISTORY

Flag Points

Flag Points	t(Min.)	P(PSig)
R1	0.00	2579.79
B1	0.00	75.31
C1	25.58	75.03
D1	62.92	1155.07
E1	0.00	99.84
F1	88.00	75.05
G1	119.75	1148.41
G1	0.00	2541.90

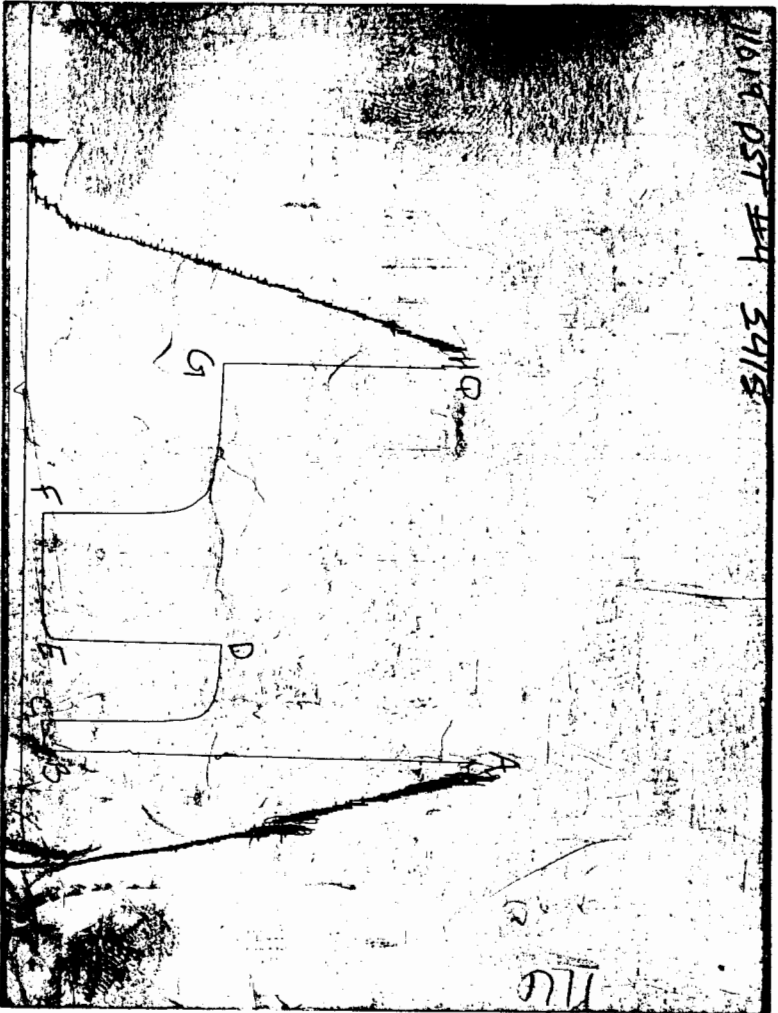


Pressure (PSig)

Temperature (DEG F)

Time (Min.)

CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Nº 12243

Test Ticket

Well Name & No. Hoffman 1-21 Test No. PH Date 11-21-99
 Company McCoy Pet. Corp. Zone Tested _____
 Address Wichita KS Elevation _____ KB _____ GL _____
 Co. Rep / Geo. Tim Layer Cont. Pickrell #1 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 25 Twp. 30S Rge. 41W Co. Stanton State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5380-5415 Initial Str Wt./Lbs. ~~86,000~~ Unseated Str Wt./Lbs. 86,000
 Anchor Length 35' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 110,000
 Top Packer Depth 5375 Tool Weight 1800
 Bottom Packer Depth 5380 Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4"
 Total Depth 5415 Wt. Pipe Run _____ Drill Collar Run 238 ~~460~~
 Mud Wt. _____ LCM _____ Vis. _____ WL _____ Drill Pipe Size 4 1/2 XH Ft. Run 5145 ~~835~~
 Blow Description B.O.B. in 30 sec. GTS in 15 min. Gas will burn
No blow back
2nd open B.O.B. as soon as tool opened

Recovery — Total Feet 270 GIP GTS Ft. in DC _____ Ft. in DP _____
 Rec. 90' Feet Of oil cut Gassy mud 10% gas 2% oil %water 88% mud
 Rec. ~~120'~~ Feet Of Gassy oil cut mud 20% gas 5% oil %water 75% mud
 Rec. 60' Feet Of Gassy ~~oil cut~~ muddy oil 25% gas 10% oil %water 15% mud
 Rec. _____ Feet Of _____ %gas %oil %water %mud
 Rec. _____ Feet Of _____ %gas %oil %water %mud
 BHT 130 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2646</u>	<u>2579</u>		<u>3026</u>	<u>9:30 P.M.</u>
(B) First Initial Flow Pressure	<u>192</u>	<u>75</u>		(depth) <u>5387</u>	T-Started <u>10:50 P.M.</u>
(C) First Final Flow Pressure	<u>113</u>	<u>75</u>		Recorder No. <u>11019</u>	T-Open <u>12:17 A.M.</u>
(D) Initial Shut-In Pressure	<u>1151</u>	<u>1155</u>		(depth) <u>5415</u>	T-Pulled <u>5:45 A.M.</u>
(E) Second Initial Flow Pressure	<u>147</u>	<u>99</u>		Recorder No. _____	T-Out <u>8:20 A.M.</u>
(F) Second Final Flow Pressure	<u>113</u>	<u>75</u>		(depth) _____	T-Off Location _____
(G) Final Shut-in Pressure	<u>1174</u>	<u>1198</u>		Initial Opening <u>30</u>	Test ✓ <u>800⁰⁰</u>
(Q) Final Hydrostatic Mud	<u>2612</u>	<u>2591</u>		Initial Shut-in <u>60</u>	Jars ✓ <u>200⁰⁰</u>
				Final Flow <u>90</u>	Safety Joint ✓ <u>50⁰⁰</u>
				Final Shut-in <u>120</u>	Straddle _____

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

Approved By [Signature]
 Our Representative Scott Bugbee

Circ. Sub ✓ NC
 Sampler _____
 Extra Packer _____
 Elec. Rec. ✓ 150⁰⁰
 Mileage _____
 Other 2 shale Packers 200⁰⁰
 TOTAL PRICE \$ 1500⁰⁰

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy Petroleum Corp.

DATE 11-21-99

WELL NAME: Hoffman 1-25

KB 3366.00 ft

TICKET NO: 12244 DST #5

LOCATION : 25-30s-41w Stanton co KS

GR 3360.00 ft

FORMATION: Morrow & Mississippi

INTERVAL : 5415.00 To 54300.00 ft

TD 54300.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11019	11019	3026			PF Fr. 1932 to 2002 hr
SI 60 Range(Psi)	4500.0	4450.0	4995.0	0.0	0.0	IS Fr. 2002 to 2102 hr
SF 90 Clock(hrs)	12 hr	12hr	elect			SF Fr. 2102 to 2232 hr
FS 120 Depth(ft)	5430.0	5430.0	5422.0	0.0	0.0	FS Fr. 2232 to 0032 hr

	Field	1	2	3	4	
A. Init Hydro	2635.0	2632.0	2590.0	0.0	0.0	T STARTED 1730 hr
B. First Flow	67.0	58.0	25.0	0.0	0.0	T ON BOTM 1931 hr
B1. Final Flow	67.0	58.0	53.0	0.0	0.0	T OPEN 1932 hr
C. In Shut-in	1208.0	1196.0	1178.0	0.0	0.0	T PULLED 0032 hr
D. Init Flow	90.0	81.0	35.0	0.0	0.0	T OUT 0400 hr
E. Final Flow	147.0	124.0	120.0	0.0	0.0	
F. Fl Shut-in	1208.0	1205.0	1180.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2578.0	2569.0	2528.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 110000.00 lbs
						Initial Str Wt 84000.00 lbs
						Unseated Str Wt 84000.00 lbs
						Bot Choke 0.78 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.38 in
						D.C. Length 238.00 ft
						D.P. Length 5176.00 ft

RECOVERY

Tot Fluid 328.00 ft of 238.00 ft in DC and 90.00 ft in DP
 60.00 ft of Gas cut oil 10% Gas 90% Oil
 208.00 ft of Gassy oily mud 40% Gas 20% Oil 40% Mud
 60.00 ft of Oil cut gassy mud 10% Gas 10% Oil 80% Mud
 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 48.00

BLOW DESCRIPTION

Initial Flow:
 Strong blow bottom of bucket in
 3 mins.
 Initial Shut-in:
 No blow back
 Final Flow:
 Bottom of bucket in 40 secs. strong
 blow
 Final Shut-in:
 No blow back

SAMPLES:

SENT TO:

MUD DATA-----
 Mud Type chemical
 Weight 9.00 lb/c:
 Vis. 52.00 S/L
 W.L. 8.00 in3
 F.C. 0.00 in
 Mud Drop
 Amt. of fill 0.00 ft
 Btm. H. Temp. 0.00 F
 Hole Condition good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Scott Bugbee
 Co. Rep. Tim Lauer
 Contr. Pickrell
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

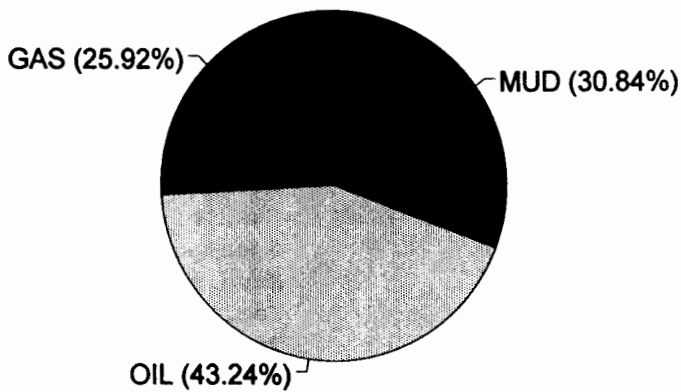
CALCULATED RECOVERY ANALYSIS

DST 5

TICKET 12244

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
DRILL 1	60	10	6	90	54	0	0	0	0
PIPE 2	30	40	12	20	6	0	0	40	12
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	178	40	71.2	20	35.6	0	0	40	71.2
COLLARS 2	60	10	6	10	6	0	0	80	48
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	328	0	95.2	0	101.6	0	0	0	131.2

			HRS OPEN		BBL/DAY
BBL OIL=	1.056624	*	1.5	=	16.90598
BBL WATER=	0	*		=	0
BBL MUD=	0.753528				
BBL GAS =	0.633468				



*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Hoffman 1-25

LOCATION : 25-30s-41w Stanton co KS

TICKET No. 12244 D.S.T. No. 5 DATE 11-21-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 15

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.Stands4 Single Total 238

D.P. ABOVE TOOLS.Stands83 Single Total 5176

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5456

TOTAL DEPTH 5430

TOTAL DRILL PIPE ABOVE K.B. 26

REMARKS:

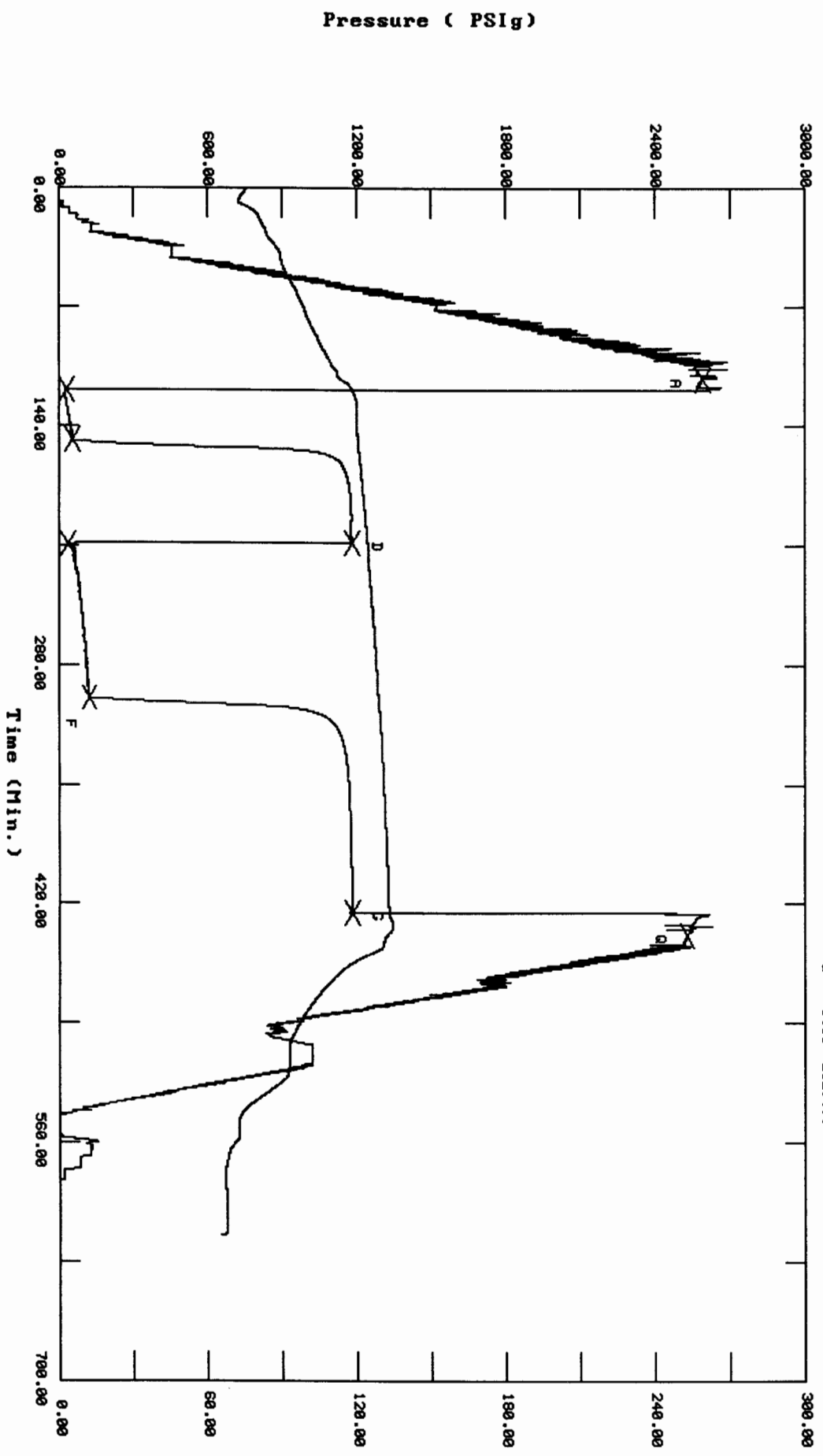
P.O. SUB top of tool	5388
C.O. SUB 1' DP	5389
S.I. TOOL 5'	5394
HMV 5'	5399
JARS 5'	5404
SAFETY JOINT 2'	5406
PACKER 5'	5411
PACKER 5'	5415
DEPTH 5415	
STUBB 1'	5416
ANCHOR 1' perf	5417
Alpine Rec.	5422
T.C. DEPTH	
5' PU sub	5422
3' perf	5425
Ak1 rec.	5430
BULLNOSE T.D. 5'	5430

12244 Dst#5 Hoffman 1-25 McCoy Pet. Corp

TEST HISTORY

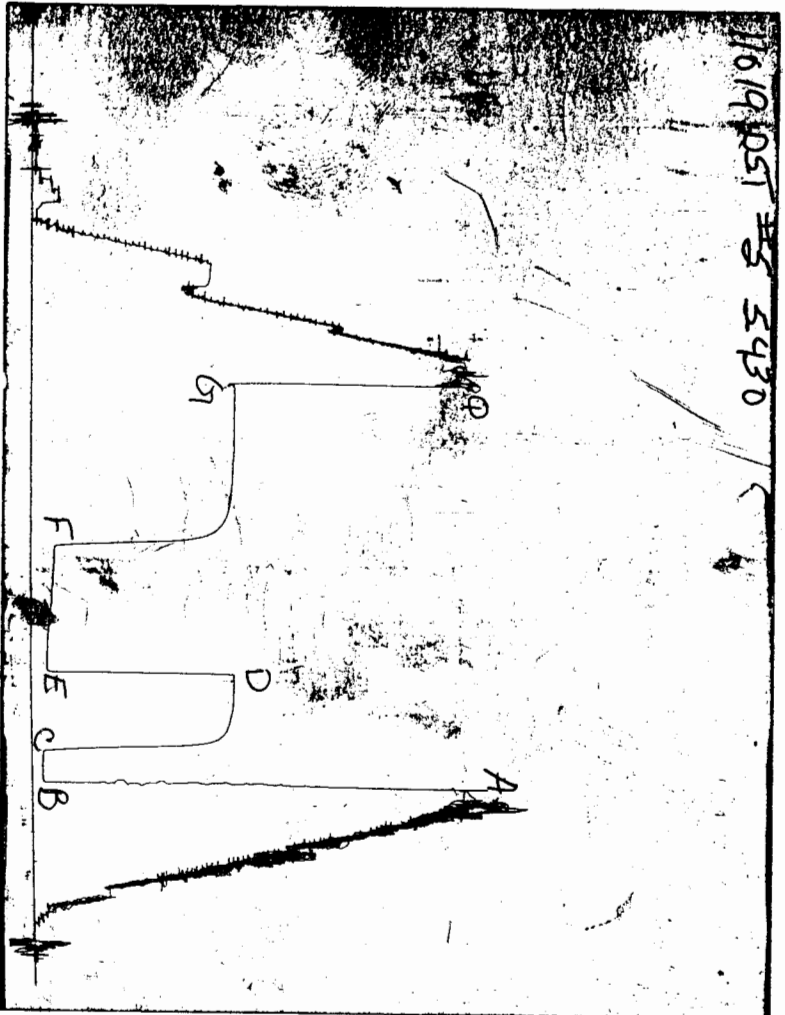
Flag Points

t(Min.)	P(PSIG)
R1	0.00 2590.23
B1	0.00 25.94
C1	29.50 53.88
D1	60.00 1178.59
E1	0.00 35.35
F1	90.17 120.77
G1	125.83 1180.81
Q1	0.00 2529.99



Temperature (DEG F)

CHART PAGE



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

114920

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 12244

Test Ticket

Well Name & No. Hoffman 1-25 Test No. #5 Date 11-21-99
 Company McCoy Petroleum Corp. Zone Tested Morrow + Mississippi
 Address Wichita Ks. Elevation _____ KB _____ GL _____
 Co. Rep / Geo. Tim Lauer Cont. Prekrell #1 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 25 Twp. 30S Rge. 41W Co. Stanton State Ks.
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5415 - 5430 Initial Str Wt./Lbs. 84000 Unseated Str Wt./Lbs. 84,000
 Anchor Length 15' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 110,000
 Top Packer Depth 5410 Tool Weight 1800
 Bottom Packer Depth 5415 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 5430 Wt. Pipe Run _____ Drill Collar Run 238
 Mud Wt. 9.0 LCM 3 Vis. 52 WL 8.0 Drill Pipe Size 4 1/2 X H Ft. Run ~~5176~~ 5176
 Blow Description 1st open strong blow B.O.B. in 3 min.
No blow back
2nd open B.O.B. in 40 sec. strong blow
No blow back

Recovery — Total Feet	<u>328</u>	GIP	<u>4700</u>	Ft. in DC	<u>238</u>	Ft. in DP	<u>90</u>
Rec.	<u>60</u>	Feet Of	<u>gas cut oil</u>	10 %gas	90 %oil	%water	%mud
Rec.	<u>208</u>	Feet Of	<u>gassy oily mud</u>	40 %gas	20 %oil	%water	40 %mud
Rec.	<u>60</u>	Feet Of	<u>oil cut gassy mud</u>	10 %gas	10 %oil	%water	80 %mud
Rec.	_____	Feet Of	_____	%gas	%oil	%water	%mud
Rec.	_____	Feet Of	_____	%gas	%oil	%water	%mud
BHT	<u>130</u>	°F Gravity	<u>48</u>	°API D@	<u>60</u>	°F Corrected Gravity	<u>48</u>
RW	_____	°F Chlorides	_____	ppm Recovery	_____	Chlorides	_____

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2635</u>	<u>2590</u>		<u>3026</u>	<u>4:30 P.M.</u>
(B) First Initial Flow Pressure	<u>67</u>	<u>25</u>	PSI	(depth) <u>5422</u>	T-Started <u>5:30 P.M.</u>
(C) First Final Flow Pressure	<u>67</u>	<u>53</u>	PSI	Recorder No. <u>11019</u>	T-Open <u>7:32 P.M.</u>
(D) Initial Shut-In Pressure	<u>1208</u>	<u>1178</u>	PSI	(depth) <u>5430</u>	T-Pulled <u>12:32 A.M.</u>
(E) Second Initial Flow Pressure	<u>90</u>	<u>35</u>	PSI	Recorder No. _____	T-Out <u>4:00 A.M.</u>
(F) Second Final Flow Pressure	<u>147</u>	<u>120</u>	PSI	(depth) _____	T-Off Location _____
(G) Final Shut-in Pressure	<u>1208</u>	<u>1180</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>800⁰⁰</u>
(Q) Final Hydrostatic Mud	<u>2578</u>	<u>2529</u>	PSI	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/> <u>250⁰⁰</u>
				Final Flow <u>90</u>	Safety Joint <input checked="" type="checkbox"/> <u>50⁰⁰</u>
				Final Shut-in <u>120</u>	Straddle _____

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

Approved By Tim Lauer
 Our Representative Scott Bugbee

Circ. Sub
 Sampler _____
 Extra Packer _____
 Elec. Rec. 150⁰⁰
 Mileage _____
 Other 1 shale packer 150⁰⁰
 TOTAL PRICE \$ 1350⁰⁰