

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy pet,corp.

DATE 06/21/199

WELL NAME: Whitmer #3-3

KB 1676.00 ft

TICKET NO: 11433

DST #1

LOCATION : 3-30s-9w Kingman co KS

GR 1671.00 ft

FORMATION: Howard

INTERVAL : 2158.00 To 2179.00 ft

TD 2179.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10991	10991	3246			PF Fr. 2255 to 2325 hr
SI 30	Range(Psi)	4200.0	4200.0	4995.0	0.0	0.0	IS Fr. 2325 to 2355 hr
SF 30	Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 2355 to 0025 hr
FS 30	Depth(ft)	2876.0	2876.0	2864.0	0.0	0.0	FS Fr. 0025 to 0055 hr

	Field	1	2	3	4	
A. Init Hydro	1470.0	1470.0	1476.0	0.0	0.0	T STARTED 2128 hr
B. First Flow	85.0	72.0	48.0	0.0	0.0	T ON BOTM 2252 hr
B1. Final Flow	138.0	151.0	163.0	0.0	0.0	T OPEN 2255 hr
C. In Shut-in	959.0	955.0	972.0	0.0	0.0	T PULLED 0055 hr
D. Init Flow	192.0	202.0	178.0	0.0	0.0	T OUT 0215 hr
E. Final Flow	234.0	234.0	242.0	0.0	0.0	
F. Fl Shut-in	927.0	924.0	941.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1470.0	1470.0	1397.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 65000.00 lbs
						Initial Str Wt 53000.00 lbs
						Unseated Str Wt 55000.00 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 233.14 ft
						D.P. Length 2632.42 ft

RECOVERY

Tot Fluid 540.00 ft of 233.00 ft in DC and 307.00 ft in DP
 60.00 ft of Mud cut water 42% mud 58% water
 480.00 ft of Slight mud cut water 10% mud 90% water
 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 150000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Strong blow bottom of bucket in
 30 secs.

Initial Shut-in:

Bled down for 5 mins. slight blow
 back 1/2" in water

Final Flow:

Fair blow bottom of bucket in
 9 1/2 mins.

Final Shut-in:

Bled down for 10 mins. Slight blow -
 back 1/4" in water

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.60 lb/cf
Vis.	31.00 S/L
W.L.	0.00 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	105.00 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.	Corey Baker
Contr.	Pickrell
Rig #	1
Unit #	no
Pump T.	none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Whitmer #3-3

LOCATION : Sec.3 Twp.30s Rge.9w

WELL No. 11433 D.S.T. No. 1 DATE 06/21/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 23

INTERVAL TOOL

TOTAL PACKERS AND ANCHOR 21

TOTAL TOOL 44

TOTAL COLLAR ANCHOR IN INTERVAL

ANCHOR STAND.Stands Single Total

ANCHOR STAND.Stands Single Total

TOTAL ASSEMBLY

ABOVE TOOLS.Stands4 Single Total 233

ABOVE TOOLS.Stands42 Single 1 Total 2632

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 2909

TOTAL DEPTH 2879

TOTAL DRILL PIPE ABOVE K.B. 30

REMARKS:

P.O. SUB Top of tool @ 2836
C.O. SUB 2837

S.I. TOOL 2842

HMV 2847

JARS

SAFETY JOINT 2849

PACKER 2853

PACKER 2858

DEPTH 2858

STUBB 1'to 2859

ANCHOR 15'of perfs.to 2874

Alpine rec.@ 2864

T.C.
DEPTH

2874

aK-1 rec.@ 2876

BULLNOSE 5'bullnose to 2879
T.D.

TEST HISTORY

Tk#11433 DST#1 Whitmer 3-3 McCoy pet, corp.

Flag Points

t (Min.) P (PSig)

A: 0.00 1476.27
 B: 0.00 47.81
 C: 27.25 163.01
 D: 32.50 971.61
 E: 0.00 177.55
 F: 27.00 242.35
 G: 36.00 941.22
 Q: 0.00 1397.16

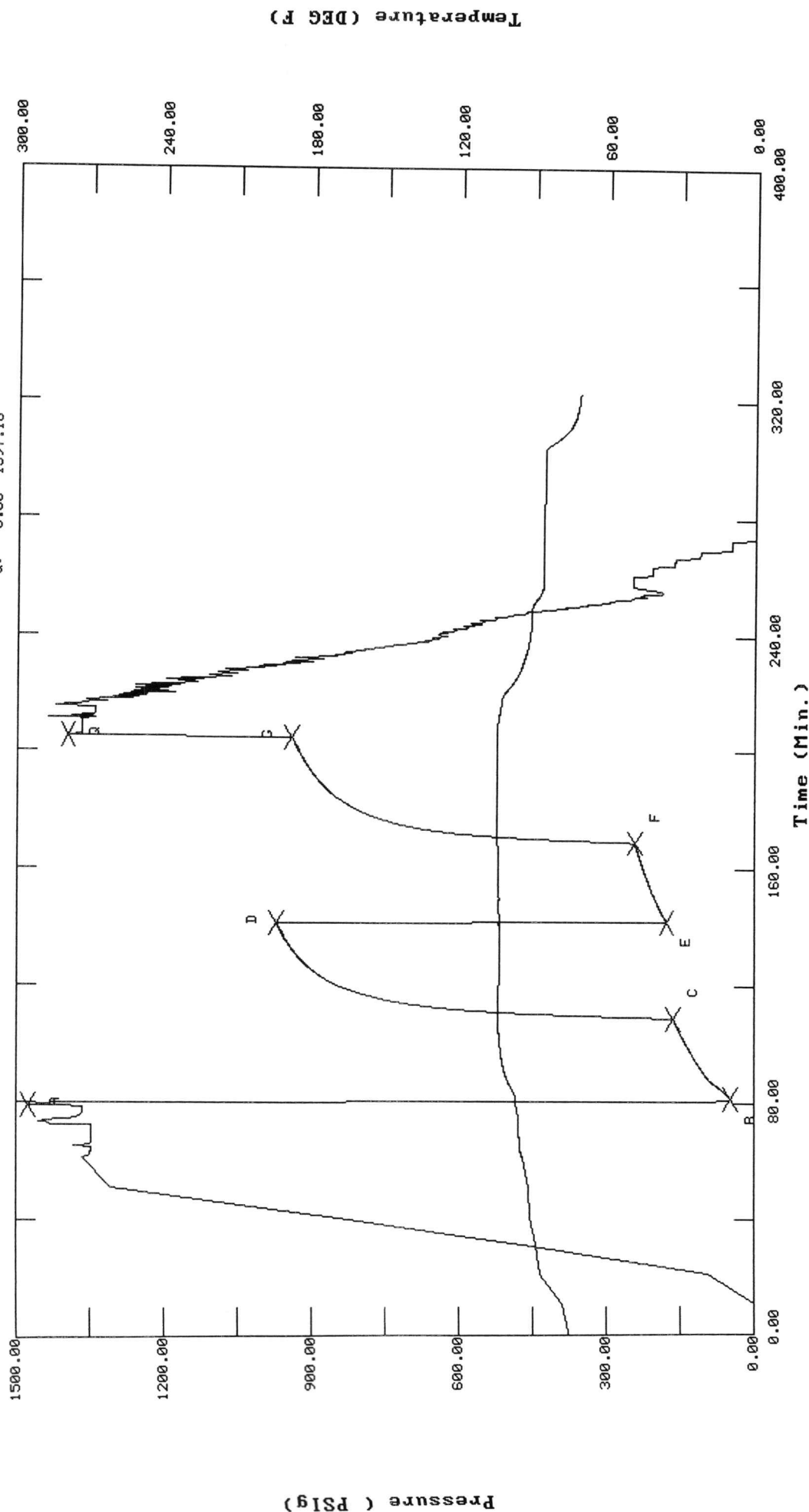
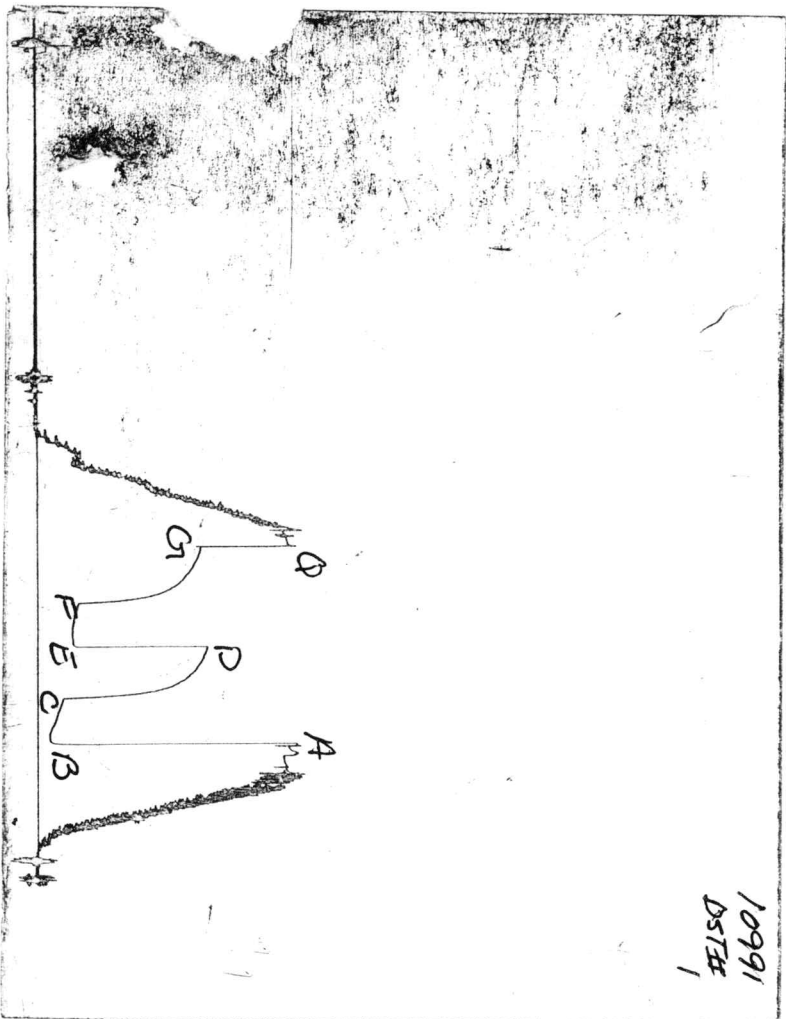


CHART PAGE



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 11433

Well Name & No. Whitmer #3- Test No. #1 Date 06/21/1999
 Company McCoy Pet. Co. Zone Tested Howard
 Address 4535 Webb Rd. Suite 310 P.O. Box 780208 Wichita, KS 67208 Elevation 1676 KB 1671 GL
 Co. Rep / Geo. Corey Baker Cont. Patrick #1 Est. Ft. of Pay 67202 Por. %
 Location: Sec. 3 Twp. 305 Rge. 9 W Co. Kingman State Ks
 No. of Copies 5 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 2858 - 2879' Initial Str Wt./Lbs. 53,000 Unseated Str Wt./Lbs. 55,000
 Anchor Length 21' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 2853' Tool Weight 2100
 Bottom Packer Depth 2858' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Total Depth 2879 Wt. Pipe Run N/A Drill Collar Run 233.14
 Mud Wt. 9.6 LCM Vis. 31 WL Drill Pipe Size 4 1/2 XH Ft. Run 2631.42
 Blow Description IF: Strong blow b.o.b. in 30 sec.
ISI: Bled down for 5 mins. Slight blow back 1/2" in 1120
FF: Fair blow. Built to b.o.b. in 95 mins
FSI: Bled down for 10 mins. Slight blow back 1/4" in 1120
 Recovery — Total Feet 540 GIP Ft. in DC 233 Ft. in DP 307
 Rec. 60' Feet Of MCW %gas %oil 58 %water 42 %mud
 Rec. 480' Feet Of SMCW %gas %oil 90 %water 10 %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 105° °F Gravity °API D@ °F Corrected Gravity °API
 RW 1053 @ 85° °F Chlorides 150,000 ppm Recovery Chlorides N/A ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	1470	1476	PSI Recorder No.	5246	T-On Location 20:50
(B) First Initial Flow Pressure	85	48	PSI (depth)	2864'	T-Started 21:28
(C) First Final Flow Pressure	138	163	PSI Recorder No.	10991	T-Open 22:55
(D) Initial Shut-In Pressure	959	972	PSI (depth)	2876'	T-Pulled 00:55
(E) Second Initial Flow Pressure	192	178	PSI Recorder No.		T-Out 02:15
(F) Second Final Flow Pressure	234	242	PSI (depth)		T-Off Location 03:30
(G) Final Shut-in Pressure	927	941	PSI Initial Opening	30	Test <u>✓</u> 600
(Q) Final Hydrostatic Mud	1470	1397	PSI Initial Shut-in	30	Jars <u> </u>
			Final Flow	30	Safety Joint <u>✓</u> 50
			Final Shut-in	30	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 Baker
 Our Representative Darren L. Ammerne

Extra Packer
 Elec. Rec. ✓ 150
 Mileage
 Other
 TOTAL PRICE \$ 800

Well Name Whitmer 3-3
DST Number 3
Recorder Number 10991

A: 2.092 2220

B: .084 89

C: .084 89

D: .814 867

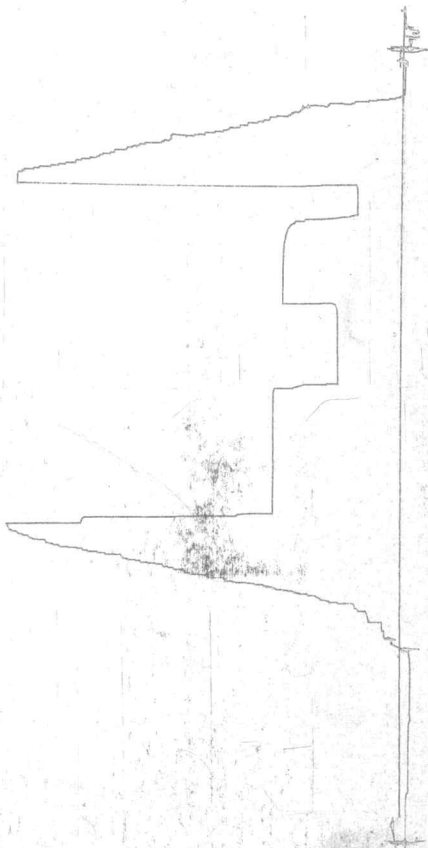
E: .096 95

F: .090 95

G: .805 856

Q: 2.092 2220

10332
AST #3



Well Name Whitmer
DST Number 2
Recorder Number 10991

A: 2.032 2157

B: .024 25

C: .028 29

D: .800 852

E: .037 39

F: .070 74

G: .797 849

Q: 2.081 2808

Well Name Whitmer 3
DST Number 1
Recorder Number 10991

A: 1.380 1470

B: .068 72

C: .142 151

D: .896 955

E: .190 202

F: .220 234

G: .867 924

Q: 1.380 1470

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy pet,corp.

DATE 06/24/1999

WELL NAME: Whitmer#3-3

KB 1676.00 ft

TICKET NO: 11434

DST #2

LOCATION : 3-30s-9w Kingman co KS

GR 1671.00 ft

FORMATION: Miss

INTERVAL : 4255.00 To 4268.00 ft

TD 4268.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10991	10991	3246			PF Fr. 1540 to 1610 hr
SI 60 Range(Psi)	4200.0	4200.0	4995.0	0.0	0.0	IS Fr. 1610 to 1710 hr
SF 60 Clock(hrs)	12hr.	12hr.	12hr.			SF Fr. 1710 to 1810 hr
FS 90 Depth(ft)	4265.0	4265.0	4261.0	0.0	0.0	FS Fr. 1810 to 1940 hr

	Field	1	2	3	4	
A. Init Hydro	2177.0	2157.0	2107.0	0.0	0.0	T STARTED 1352 hr
B. First Flow	32.0	25.0	21.0	0.0	0.0	T ON BOTM 1537 hr
B1. Final Flow	53.0	29.0	54.0	0.0	0.0	T OPEN 1540 hr
C. In Shut-in	874.0	852.0	880.0	0.0	0.0	T PULLED 1940 hr
D. Init Flow	53.0	39.0	40.0	0.0	0.0	T OUT 2056 hr
E. Final Flow	85.0	74.0	90.0	0.0	0.0	
F. Fl Shut-in	842.0	849.0	876.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2208.0	2208.0	2114.0	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 69000.00 lbs
						Unseated Str Wt 69000.00 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 233.14 ft
						D.P. Length 4021.40 ft

RECOVERY

Tot Fluid 145.00 ft of 145.00 ft in DC and 0.00 ft in DP
 4089.00 ft of Gas in pipe
 25.00 ft of slight gas cut mud 2% gas 985 mud
 120.00 ft of slight water cut mud 105 water 90% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 85000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Strong blow bottom of bucket in
 30 secs. gas to surface in 8 mins.

Initial Shut-in:

Bled down for 10 mins. built back
 to 4" in water

Final Flow;

Strong blow bottom of bucket in
 10 secs. gauge gas

Final Shut-in:

Bled down for 10 mins. no blow back

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/cf
Vis.	50.00 S/L
W.L.	10.80 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	117.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	1
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren L.Amerine
Co. Rep.	Corey
Contr.	Pickrell
Rig #	1
Unit #	no
Pump T.	none

SAMPLES: Caraway analytical 1024 n.Roosevelt

SENT TO: Liberal Kansas

Test Successful: Y

GAS RECOVERY

COMPANY: McCoy pet, corp.

DATE: 06/24/199

WELL NAME: Whitmer#3-3

KB Elev: 1676.00 ft TICKET #11434

DST #2

WELL LOCATION: Sec.3 Twp.30s Rge.9w

GR Elev: 1671.00 ft FORMATION: Miss

INTERVAL Fr.: 4255.00 To 4268.00 T.D.: 4268.00 ft TEST TYPE: CONVENTIONAL

AS RECOVERY MEASURED WITH Adj.Choke

*** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.38	0	28	18800.0
20	0.38	0	43	23600.0
30	0.38	9	0	61400.0

*** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.38	21	0	104000.0
20	0.38	25	0	116000.0
30	0.38	30	0	132000.0
40	0.38	35	0	147000.0
50	0.38	35	0	147000.0
60	0.38	36	0	150000.0

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Whitmer#3-3

LOCATION : Sec.3 Twp.30s Rge.9w

TICKET No. 11434 D.S.T. No. 2 DATE 06/24/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 18

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 13

TOTAL TOOL 31

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 233.14

D.P. ABOVE TOOLS.Stands65 Single Total 4021.40

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4286

TOTAL DEPTH 4268

TOTAL DRILL PIPE ABOVE K.B. 18

REMARKS:

P.O. SUB Top of tool @	4238
C.O. SUB	4239
S.I. TOOL	4244
HMV	4249
JARS	
SAFETY JOINT	4251
PACKER	4255
DEPTH 4255	
STUBB 1'to	4256
ANCHOR 10'of perms.to	4266
Alpine rec.@ 4261	
T.C.	
DEPTH	
Ak-1 rec.@ 4265	
BULLNOSE 2'bullnose to	4268
T.D.	

TK#11434 DST#2 Whitmer #3-3 McCoy pet, corp.

TEST HISTORY

Flag Points
t(min.) P(PSig)

R:	0.00	2106.75
B:	0.00	21.37
C:	28.00	54.16
D:	61.75	880.28
E:	0.00	39.64
F:	57.25	90.15
G:	90.00	876.18
Q:	0.00	2114.00

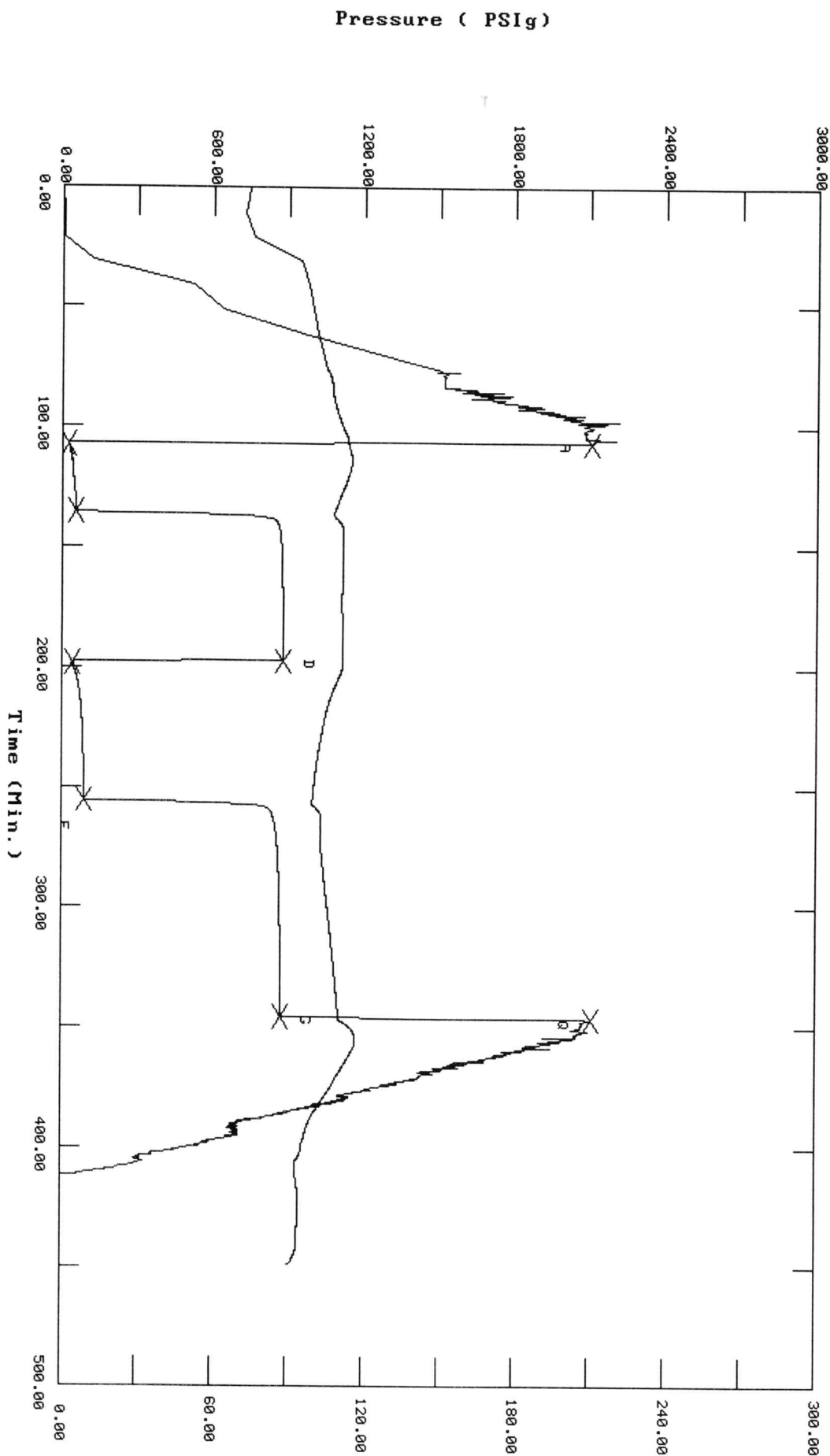
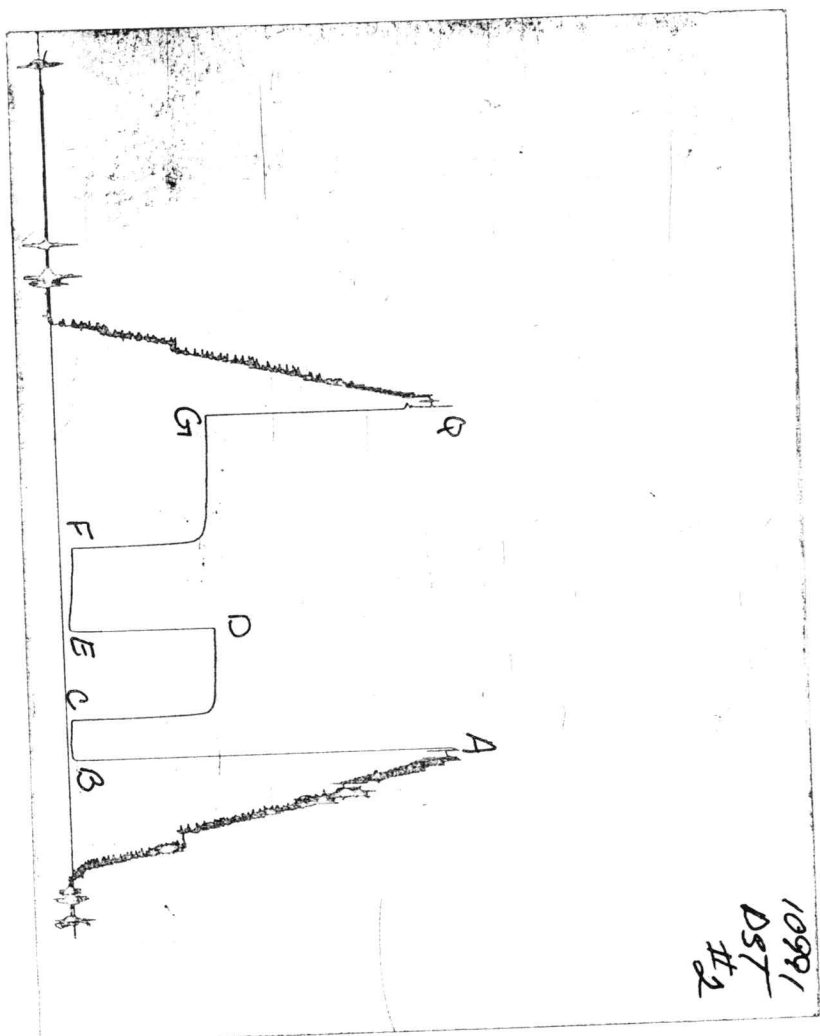


CHART PAGE



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



GAS VOLUME REPORT

McCay Pet. Corp.

WELL NAME AND NO. Wh. 7 mer 3-3

#2
DST NO.

Toll open @ 3:40 P.M.					6.75 8 mins.		2 nd floor	

[illegible]

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 11434

Test Ticket

Well Name & No. <u>Whitmer</u>	Test No. <u>#2</u>	Date <u>06/24/1999</u>
Company <u>McCoy Pet. Corp.</u>	Zone Tested <u>MISS</u>	
Address <u>453 S. Webb Road, Suite 310 Wichita, KS 67205</u>		Elevation <u>1676</u> KB <u>1671</u> GL
Co. Rep / Geo. <u>Corey Baker</u>	Cont. <u>Pickrell #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>3</u>	Twp. <u>30S</u>	Rge. <u>9W</u> Co. <u>Kingman</u> State <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4255' - 4268'</u>	Initial Str Wt./Lbs. <u>69,000</u>	Unseated Str Wt./Lbs. <u>69,000</u>
Anchor Length <u>13'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>15,000</u>
Top Packer Depth <u>4255'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u> </u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u>4268'</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>233.14</u>
Mud Wt. <u>9.4</u> LCM <u> </u> Vis. <u>50</u> WL <u>10.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4021.40</u>
Blow Description <u>IF Strong blow b.o.b in 30 sec 8/15 8 min</u>		
<u>+5T' Bled down for 10 mins. Drill back to 4" into 120.</u>		
<u>FF Strong blow b.o.b 10 sec. Canceled</u>		
<u>FST' Bled down for 10 mins no blow back.</u>		

Recovery — Total Feet <u>145'</u>	GIP <u>4089</u>	Ft. in DC <u>145'</u>	Ft. in DP <u> </u>	
Rec. <u>25'</u> Feet Of <u>56CM</u>	<u>2</u> %gas	%oil	%water <u>98</u> %mud	
Rec. <u>120'</u> Feet Of <u>54CM</u>	%gas	%oil	<u>10</u> %water <u>90</u> %mud	
Rec. <u>4089'</u> Feet Of <u>6TP</u>	%gas	%oil	%water	%mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water	%mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water	%mud
BHT <u>117"</u> °F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u>	°API	
RW <u>036</u> @ <u>82"</u> °F	Chlorides <u>85,000</u> ppm	Recovery Chlorides <u>3200</u> ppm	System	

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2177</u>	<u>2107</u>	PSI Recorder No.	<u>3246</u>	T-On Location <u>1315'</u>
(B) First Initial Flow Pressure	<u>32</u>	<u>21</u>	PSI (depth)	<u>4261'</u>	T-Started <u>1352</u>
(C) First Final Flow Pressure	<u>53</u>	<u>54</u>	PSI Recorder No.	<u>10991</u>	T-Open <u>1540</u>
(D) Initial Shut-In Pressure	<u>874</u>	<u>880</u>	PSI (depth)	<u>4265'</u>	T-Pulled <u>1940</u>
(E) Second Initial Flow Pressure	<u>53</u>	<u>40</u>	PSI Recorder No.	<u> </u>	T-Out <u>2056</u>
(F) Second Final Flow Pressure	<u>85</u>	<u>90</u>	PSI (depth)	<u> </u>	T-Off Location <u>2130</u>
(G) Final Shut-in Pressure	<u>842</u>	<u>876</u>	PSI Initial Opening	<u>30</u>	Test <u>✓ 100</u>
(Q) Final Hydrostatic Mud	<u>2208</u>	<u>2114</u>	PSI Initial Shut-in	<u>60</u>	Jars <u> </u>
			Final Flow	<u>60</u>	Safety Joint <u>✓ 50</u>
			Final Shut-in	<u>90</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 Baker

Our Representative Dawn Schmeier

TOTAL PRICE \$ 800

TRILOBITE TESTING L.L.C.

OPERATOR : McCoy Petroleum Corp.

DATE 6-25-99

WELL NAME: Whitmer #3-3

KB 1676.00 ft

TICKET NO: 11435 DST #3

LOCATION : 3-30s-9w Kingman co KS

GR 1671.00 ft

FORMATION: Mississippi

INTERVAL : 4268.00 To 4278.00 ft

TD 4278.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10991	10991	10332			PF Fr. 0605 to 0635 hr
SI 60 Range(Psi)	4200.0	4200.0	4025.0	0.0	0.0	IS Fr. 0635 to 0735 hr
SF 60 Clock(hrs)	12	12	12			SF Fr. 0735 to 0835 hr
FS 90 Depth(ft)	4270.0	4270.0	4275.0	0.0	0.0	FS Fr. 0835 to 1005 hr

	Field	1	2	3	4	
A. Init Hydro	2219.0	2220.0	0.0	0.0	0.0	T STARTED 0436 hr
B. First Flow	85.0	89.0	0.0	0.0	0.0	T ON BOTM 0600 hr
B1. Final Flow	85.0	89.0	0.0	0.0	0.0	T OPEN 0605 hr
C. In Shut-in	863.0	867.0	0.0	0.0	0.0	T PULLED 1005 hr
D. Init Flow	106.0	95.0	0.0	0.0	0.0	T OUT 1115 hr
E. Final Flow	106.0	95.0	0.0	0.0	0.0	
F. Fl Shut-in	874.0	856.0	0.0	0.0	0.0	
G. Final Hydro	2219.0	2220.0	0.0	0.0	0.0	TOOL DATA-----
Inside/Outside	0	0	I			Tool Wt. 2100.00 lbs
						Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 64000.00 lbs
						Unseated Str Wt 64000.00 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 233.00 ft
						D.P. Length 4021.00 ft

RECOVERY

Tot Fluid 75.00 ft of 75.00 ft in DC and 0.00 ft in DP
 4179.00 ft of Gas in pipe
 15.00 ft of Oil and gas cut muddy water
 0.00 ft of 12% gas 8% oil 10% water 70% mud
 60.00 ft of Heavy oil and gas cut muddy water
 0.00 ft of 26% gas 14% oil 24% water 36% mud
 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
 15 secs. gas to surface in 2 mins.

Initial Shut-in:

Bled down for 15 mins. no blow back

Final Flow:

Strong blow bottom of bucket in
 10 secs. gauge gas

Final Shut-in:

Bled down for 20 mins.

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/cf
Vis.	53.00 S/L
W.L.	10.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Darren Amerine
Co. Rep.	Corey Baker
Contr.	Pickrell
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

GAS RECOVERY

COMPANY: McCoy Petroleum Corp.

DATE: 6-25-99

WELL NAME: Whitmer #3-3

KB Elev: 1676.00 ft TICKET #11435 DST #3

WELL LOCATION: 3-30s-9w Kingman co KS

GR Elev: 1671.00 ft FORMATION: Mississippi

INTERVAL Fr.: 4268.00 To 4278.00 T.D.: 4278.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH Merla Gauge

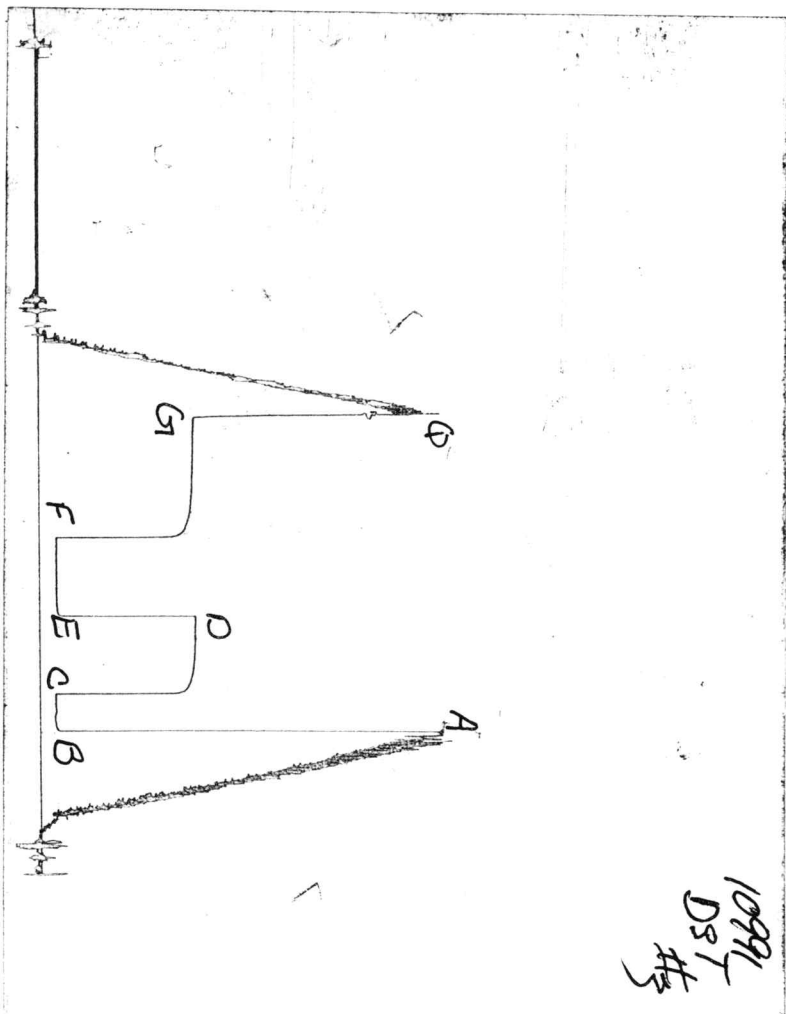
*** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
12	0.75	20	0	502100.0
22	0.75	23	0	545500.0
30	0.75	24	0	560000.0

*** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	27	0	603500.0
20	0.75	27	0	603500.0
30	0.75	26	0	589000.0
40	0.75	26	0	589000.0
50	0.75	25	0	574500.0
60	0.75	25	0	574000.0

CHART PAGE



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



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

GAS VOLUME REPORT

McCoy Let Corp.

Wh. 4mer #3-3

3

WELL NAME AND NO.

D&T NO

Tool open @ 6:05
GTS in 2 mins

Tool open 7:35

[illegible]

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11435

Well Name & No.	<u>Whitmer #3-3</u>	Test No.	<u>#3</u>	Date	<u>06/25/1999</u>
Company	<u>McCoy Pet. Corp.</u>	Zone Tested	<u>MISS</u>		
Address	<u>453 S Webb Rd Suite 300 Wichita, KS 67202</u>				
Elevation	<u>1676</u>	KB	<u>1671</u>	GL	
Co. Rep / Geo.	<u>Corey Baker</u>	Cont.	<u>Pickrell #1</u>	Est. Ft. of Pay	<u>Por. %</u>
Location: Sec.	<u>3</u>	Twp.	<u>30S</u>	Rge.	<u>9W</u>
Co.	<u>Kingman</u>	State	<u>KS</u>		
No. of Copies	<u>5</u>	Distribution Sheet (Y, N)	<u>—</u>	Turnkey (Y, N)	<u>—</u>
Evaluation (Y, N)	<u>—</u>				

Interval Tested 4268' - 4278' Initial Str Wt./Lbs. 64.00 Unseated Str Wt./Lbs. 64.00
Anchor Length 10' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 25.00
Top Packer Depth 4268 Tool Weight 21.00
Bottom Packer Depth _____ Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
Total Depth 4278' Wt. Pipe Run N/A Drill Collar Run 233.14
Mud Wt. 9.4 LCM Vis. 53 WL 10.8 Drill Pipe Size 4 1/2 KH Ft. Run 4021.40
Blow Description IF: Strong blow bob in 15 sec 675 in 2 min.
ISL: Bliddown for 15 mins no blow back.
FF: Strong blow bottom of bucket in 10 sec Gauge Gas.
FST: Bliddown for 20 mins.
Recovery — Total Feet 75' GIP 4179 Ft. in DC 75' Ft. in DP _____
Rec. 15' Feet Of 056CMW 12 %gas 8 %oil 10 %water 70 %mud
Rec. 60' Feet Of 4056CMW 26 %gas 14 %oil 24 %water 36 %mud
Rec. 4179' Feet Of Gas in Pipe %gas %oil %water %mud
Rec. _____ Feet Of _____ %gas %oil %water %mud
Rec. _____ Feet Of _____ %gas %oil %water %mud
BHT 118° °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
RW .3 @ 87° °F Chlorides 25,000 ppm Recovery Chlorides 3500 ppm System

	AK-1	Alpine
(A) Initial Hydrostatic Mud	<u>2219</u>	<u>2209</u>
(B) First Initial Flow Pressure	<u>85</u>	
(C) First Final Flow Pressure	<u>85</u>	
(D) Initial Shut-In Pressure	<u>863</u>	
(E) Second Initial Flow Pressure	<u>106</u>	
(F) Second Final Flow Pressure	<u>106</u>	
(G) Final Shut-in Pressure	<u>874</u>	
(Q) Final Hydrostatic Mud	<u>2219</u>	
PSI Recorder No.	<u>10991</u>	<u>X</u>
PSI (depth)	<u>4270'</u>	
PSI Recorder No.	<u>10332</u>	
PSI (depth)	<u>4275'</u>	
PSI Recorder No.		
PSI (depth)		
PSI Initial Opening	<u>30</u>	
PSI Initial Shut-in	<u>60</u>	
Final Flow	<u>60</u>	
Final Shut-in	<u>90</u>	
T-On Location	<u>0400</u>	
T-Started	<u>0436</u>	
T-Open	<u>0605</u>	
T-Pulled	<u>1005</u>	
T-Out	<u>1115</u>	
T-Off Location	<u>1245</u>	
Test	<u>✓ 700</u>	
Jars		
Safety Joint	<u>✓ 50</u>	
Straddle		
Circ. Sub		
Sampler		
Extra Packer		
Elec. Rec.		
Mileage		
Other		

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 Baker

Our Representative Darwin J. Linn

TOTAL PRICE \$ 750