

15-047-21444

30-26s-20w

KCC

**CONFIDENTIAL**

ORIGINAL

WELL NAME:  
COMPANY:

Spits "A" 2-30  
McCoy Petroleum Corp.

RECEIVED  
STATE CORPORATION COM.

**RELEASED**

LOCATION:

NOV 12 2002

30-26s-20  
Edwards co Kansas

SEP 27 2000

NOV 12 2002


DATE:

8/24/00

FROM CONFIDENTIAL

CONSERVATION DIV.  
Wichita, Kansas

FROM CONFIDENTIAL

 <p><b>TRILOBITE TESTING, L.L.C.</b></p>	<h2 style="margin:0;">DRILL STEM TEST REPORT</h2>	
	McCoy Petroleum Corp PO. Box 78028 Wichita KS. 67278  ATTN: Roger McCoy	Speirs A 2-30  30-26s-20 Edwards KS Job Ticket: 13831 <b>DST#: 1</b> Test Start: 2000.08.20 @ 00:00:00

**GENERAL INFORMATION:**

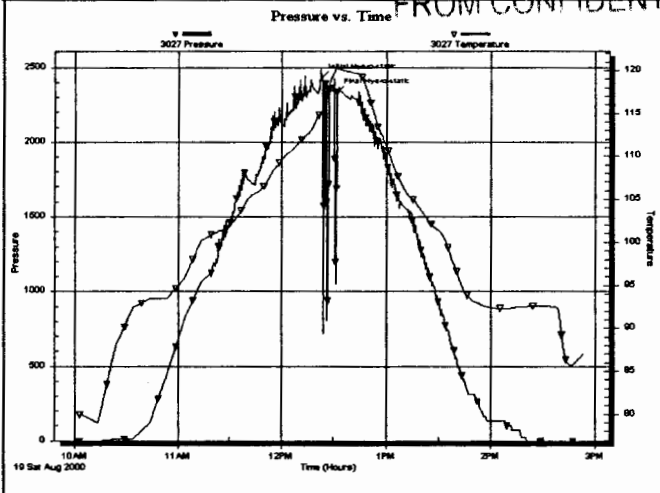
Formation: <b>Mississippi</b>	Deviated: <b>No</b> Whipstock:	ft (CF)	Test Type: <b>Conventional Bottom Hole</b>
Time Tool Opened: 00:00:00	Time Test Ended: 00:00:00		Tester: <b>Jack Fox</b>
Interval: <b>4773.00 ft (CF) To 4785.99 ft (CF) (TVD)</b>	Total Depth: <b>4785.99 ft (CF)</b>		Unit No: <b>16</b>
Hole Diameter:	inches	Hole Condition: <b>Poor</b>	Reference Elevations: <b>24391.02 ft (KB)</b>
			<b>2260.00 ft (CF)</b>
			KB to GR/CF: <b>22131.02 ft</b>

Serial #: <b>3027</b>	Press@RunDepth:      kPag @      ft (CF)	Capacity: <b>7000.00 kPag</b>
Start Date: <b>2000.08.19</b>	End Date: <b>2000.08.19</b>	Last Calib.: <b>1899.12.30</b>
Start Time: <b>10:02:32</b>	End Time: <b>14:53:26</b>	Time On Btm: <b>2000.08.19 @ 12:23:27</b>
		Time Off Btm: <b>2000.08.19 @ 12:31:57</b>

**RELEASED**

TEST COMMENT: Packer Failure-Misrun

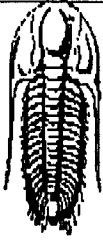
NOV 12 2002



PRESSURE SUMMARY			
Time (Min.)	Pressure (kPag)	Temp (deg F)	Annotation
141	2427.02	115.12	Initial Hydro-static
150	2332.34	120.17	Final Hydro-static

Recovery		
Length (m)	Description	Volume (m³)
500.00	mud	7.01

Gas Rates			
	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)



**TRILOBITE  
TESTING, L.L.C.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

McCoy Petroleum Corp

Speirs A 2-30

PO. Box 78028  
Wichita KS. 67278

30-26s-20 Edwards KS

Job Ticket: 13831

DST#: 1

ATTN: Roger McCoy

Test Start: 2000.08.20 @ 00:00:00

**Tool Information**

Drill Pipe:	Length: 4773.00 ft	Diameter: 3.80 inches	Volume: 66.95 bbl	Tool Weight: 1200.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 42000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
Drill Pipe Above KB:	22.00 ft			Tool Chased ft
Depth to Top Packer:	4768.00 ft			String Weight: Initial 42000.00 lb
Depth to Bottom Packer:	ft			Final 44000.00 lb
Interval between Packers:	ft			
Tool Length:	35.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

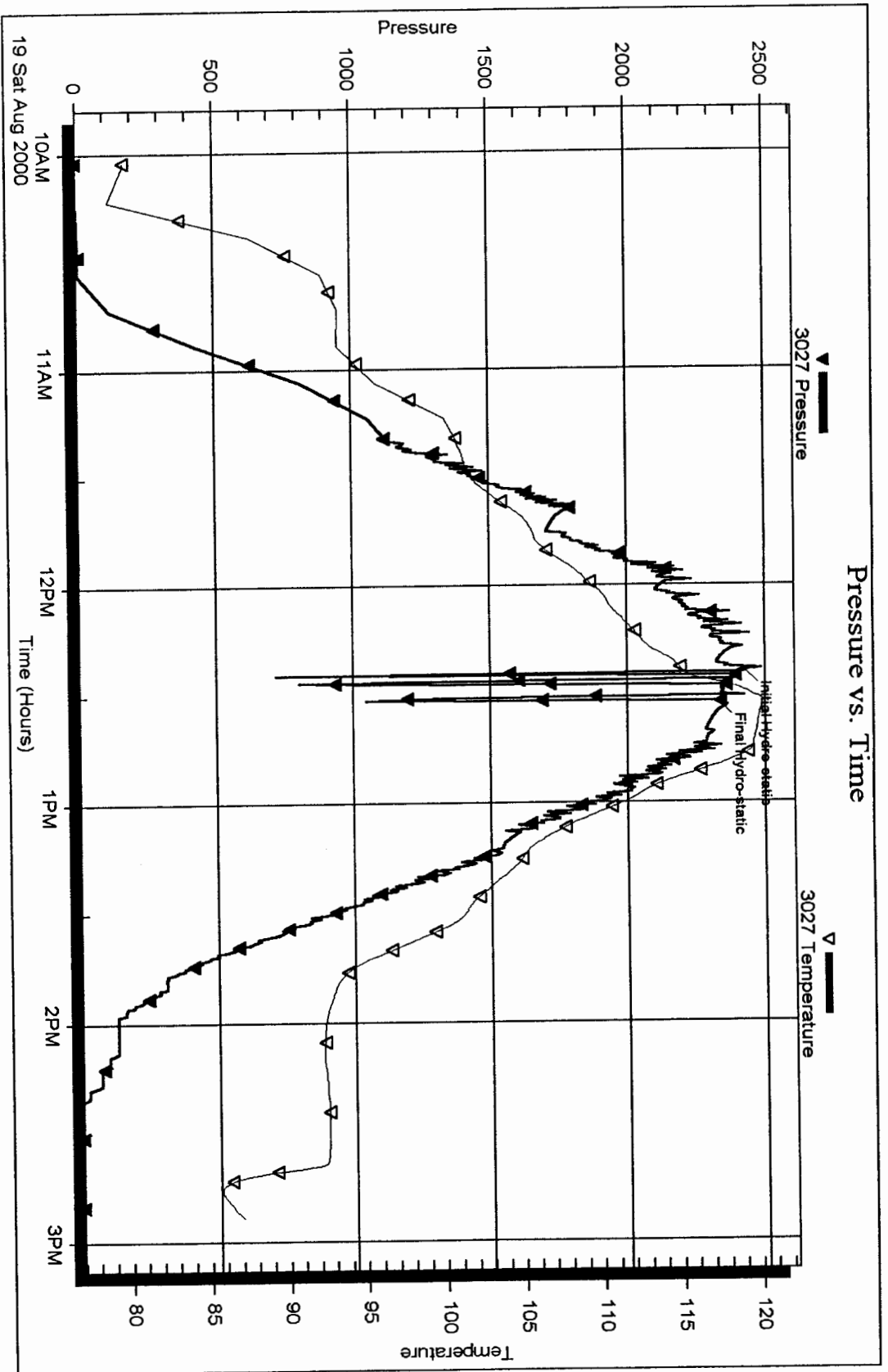
**Tool Comments**

Mis run Pkr. failure

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			4752.00	
S.I. Tool	5.00			4757.00	
HMV	5.00			4762.00	
Safety Joint	2.00			4764.00	
Packer	4.00			4768.00	17.00 Bottom Of Top Packer
Packer	5.00			4773.00	
Stubb	1.00			4774.00	
Recorder	0.00	3027	Inside	4774.00	
Perforations	9.00			4783.00	
Recorder	0.00	11085	Outside	4783.00	
Bullnose	3.00			4786.00	18.00 Bottom Packers & Anchor

**Total Tool Length: 35.00**



# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Nº 13831

## Test Ticket

Well Name & No.	<u>Speirs "A" 2-30</u>	Test No.	<u>144</u>	Date	<u>8-19-00</u>		
Company	<u>McCoy Pet. Corp.</u>	Zone Tested	<u>Mississippi</u>				
Address	<u>P.O. Box 780208 Wichita, Ks 67278</u>	Elevation	<u>2260</u>	KB	<u>2260</u> GL		
Co. Rep / Geo.	<u>Cory Baker</u>	Cont.	<u>Edwards Vonfeldt</u>	Est. Ft. of Pay	___ Por. ___ %		
Location: Sec.	<u>30</u>	Twp.	<u>265</u>	Rge.	<u>20</u> Co. <u>Edwards</u> State <u>Ks</u>		
No. of Copies	___	Distribution Sheet (Y, N)	___	Turnkey (Y, N)	___	Evaluation (Y, N)	___

Interval Tested	<u>4773 - 4786</u>	Initial Str Wt./Lbs.	<u>46000</u>	Unseated Str Wt./Lbs.	___
Anchor Length	<u>13</u>	Wt. Set Lbs.	<u>62000 - 35000</u>	Wt. Pulled Loose/Lbs.	<u>58000</u>
Top Packer Depth	<u>4768</u>	Tool Weight	<u>1200</u>		
Bottom Packer Depth	<u>4773</u>	Hole Size — 7 7/8"	___	Rubber Size — 6 3/4"	___
Total Depth	<u>4786</u>	Wt. Pipe Run	___	Drill Collar Run	___
Mud Wt.	<u>9.4</u> LCM	Vis.	<u>51</u>	WL	<u>10</u>
Drill Pipe Size	<u>4 1/2 XH</u>	Ft. Run	<u>4786</u>		
Blow Description	<u>PKR FAILURE</u>	<u>POH</u>	<u>mis RUN</u>		

Recovery — Total Feet	___	GIP	___	Ft. in DC	___	Ft. in DP	___				
Rec.	<u>500</u>	Feet Of	___	%gas	___	%oil	___	%water	<u>100</u>	%mud	___
Rec.	___	Feet Of	___	%gas	___	%oil	___	%water	___	%mud	___
Rec.	___	Feet Of	___	%gas	___	%oil	___	%water	___	%mud	___
Rec.	___	Feet Of	___	%gas	___	%oil	___	%water	___	%mud	___
Rec.	___	Feet Of	___	%gas	___	%oil	___	%water	___	%mud	___
BHT	___	°F Gravity	___	°API D@	___	°F Corrected Gravity	___	°API	___		
RW	___	@	___	°F Chlorides	___	ppm Recovery	___	Chlorides	___	ppm System	___

(A) Initial Hydrostatic Mud	___	PSI Recorder No.	<u>11085</u>	T-On Location	<u>9:00</u>
(B) First Initial Flow Pressure	___	PSI (depth)	<u>4786</u>	T-Started	<u>10:00</u>
(C) First Final Flow Pressure	___	PSI Recorder No.	___	T-Open	___
(D) Initial Shut-In Pressure	___	PSI (depth)	<u>4773</u>	T-Pulled	___
(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	___
(Q) Final Hydrostatic Mud	___	PSI Initial Shut-in	___	Jars	___

Final Flow	___	Safety Joint	___
Final Shut-in	___	Straddle	___
	___	Circ. Sub	___
	___	Sampler	___
	___	Extra Packer	___
	___	Elec. Rec.	___
	___	Mileage	<u>981 way</u>
	___	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 Cory D. Baker  
Our Representative [Signature]



**TRILOBITE  
TESTING, L.L.C.**

## DRILL STEM TEST REPORT

McCoy Petroleum Corp  
PO. Box 78028  
Wichita KS. 67278  
ATTN: Roger McCoy

**Speirs A 2-30**  
**30-26s-20 Edwards KS**  
Job Ticket: 13832      **DST#: 2**  
Test Start:

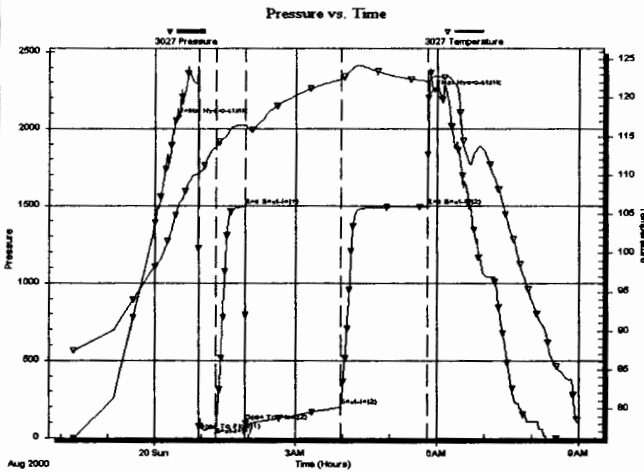
### GENERAL INFORMATION:

Formation: **Mississippi**  
Deviated: No      Whipstock:      ft (CF)  
Time Tool Opened:  
Time Test Ended:  
Test Type: Conventional Bottom Hole  
Tester: Jack Fox  
Unit No: 16  
Interval: **4732.00 ft (CF) To 4786.00 ft (CF) (TVD)**  
Reference Elevations: 24391.02 ft (KB)  
Total Depth: 4786.00 ft (CF)      2260.00 ft (CF)  
Hole Diameter: inches      Hole Condition: Poor      KB to GR/CF: 22131.02 ft

### Serial #: 3027

Press@RunDepth: 200.62 kPag @      ft (CF)      Capacity: 49000.00 kPag  
Start Date: 2000.08.19      End Date: 2000.08.20      Last Calib.: 1899.12.30  
Start Time: 22:16:02      End Time: 08:58:42      Time On Btm: 2000.08.20 @ 00:25:42  
Time Off Btm: 2000.08.20 @ 05:49:12

TEST COMMENT: F:blow b.o.b. 4 min.  
ISL6" of blow  
FF Gas to surface in 15 min.



### PRESSURE SUMMARY

Time (Min.)	Pressure (kPag)	Temp (deg F)	Annotation
130	2037.17	104.65	Initial Hydro-static
161	40.70	110.34	Open To Flow (1)
183	62.85	113.74	Shut-In(1)
220	1490.95	116.55	End Shut-In(1)
221	99.66	116.54	Open To Flow (2)
341	200.62	122.39	Shut-In(2)
452	1492.16	122.21	End Shut-In(2)
454	2223.15	122.20	Final Hydro-static

### Recovery

Length (m)	Description	Volume (m³)
100.00	Gsy HOCM 25% gas 30% oil 45% mud	1.40
60.00	Gsy Muddy Oil 10% gas 75% oil 15% mud	0.84
180.00	SI mud cut oil 98% oil 2% mud	2.52
60.00	Gsy Oil 45%gas 50% oil	0.84
120.00	gsy mud cut oil 30%gas 50%oil 20% mud	1.68

### Gas Rates

Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)



**TRILOBITE  
TESTING, L.L.C.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Speirs A 2-30

PO. Box 78028  
Wichita KS. 67278

30-26s-20 Edwards KS

Job Ticket: 13832

DST#: 2

ATTN: Roger McCoy

Test Start:

### Tool Information

Drill Pipe:	Length: 4742.00 ft	Diameter: 3.80 inches	Volume: 66.52 bbl	Tool Weight: 3000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 54000.00 lb
Drill Pipe Above KB:	32.00 ft			Tool Chased ft
Depth to Top Packer:	4727.00 ft			String Weight: Initial 44000.00 lb
Depth to Bottom Packer:	ft			Final 50000.00 lb
Interval between Packers:	ft			
Tool Length:	76.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

### Tool Comments

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4711.00	
S.I. Tool	5.00			4716.00	
HMV	5.00			4721.00	
Safety Joint	2.00			4723.00	
Packer	4.00			4727.00	17.00 Bottom Of Top Packer
Packer	5.00			4732.00	
Stubb	1.00			4733.00	
Perforations	3.00			4736.00	
C.O. Sub	1.00			4737.00	
Recorder	0.00	3027	Inside	4737.00	
Blank Spacing	31.00			4768.00	
C.O. Sub	1.00			4769.00	
Perforations	14.00			4783.00	
Recorder	0.00	11085	Outside	4783.00	
Bullnose	3.00			4786.00	59.00 Bottom Packers & Anchor

**Total Tool Length: 76.00**

# NATURAL GAS ANALYSIS REPORT

Sampled by:

Trilobite Testing, L. L. C.  
Hays, Kansas  
Scott City, Kansas  
Phone: 800-728-5369  
Fax: 913-625-5620

Analyzed by:

Caraway Analytical, Inc  
P. O. Box 2137  
Liberal, Kansas 67905  
Phone: 316-624-5389  
Fax: 316-626-7108

Sample From: Spiers A 2-20 DST 2  
Producer: McCoy Petroleum

Pressure:  
Temperature:

Time:  
Sampler:  
Source:

County: Edwards  
State: Kansas  
Formation: Miss

	Mole %	GPM
Helium	He: 1.175	0.000
Hydrogen	H2: 0.047	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 22.456	0.000
Carbon Dioxide	CO2: 0.094	0.000
Methane	C1: 52.361	0.000
Ethane	C2: 12.038	3.220
Propane	C3: 7.355	2.027
Iso Butane	iC4: 1.136	0.372
Normal Butane	nC4: 2.010	0.634
Iso Pentane	iC5: 0.442	0.162
Normal Pentane	nC5: 0.425	0.154
Hexanes Plus	C6+: 0.461	0.201

TOTAL: 100.000 6.768

Z Fact: 0.9968

SP.GR.: 0.8499

BTU (SAT): 1074.9 @ 14.73 psia

BTU (DRY): 1093.9 @ 14.73 psia

**OCTANE RATING: 91.2**

COMMENTS:

0.000



Serial #: 3027

McCoy Petroleum Corp

30-26s-20 Edwards KS

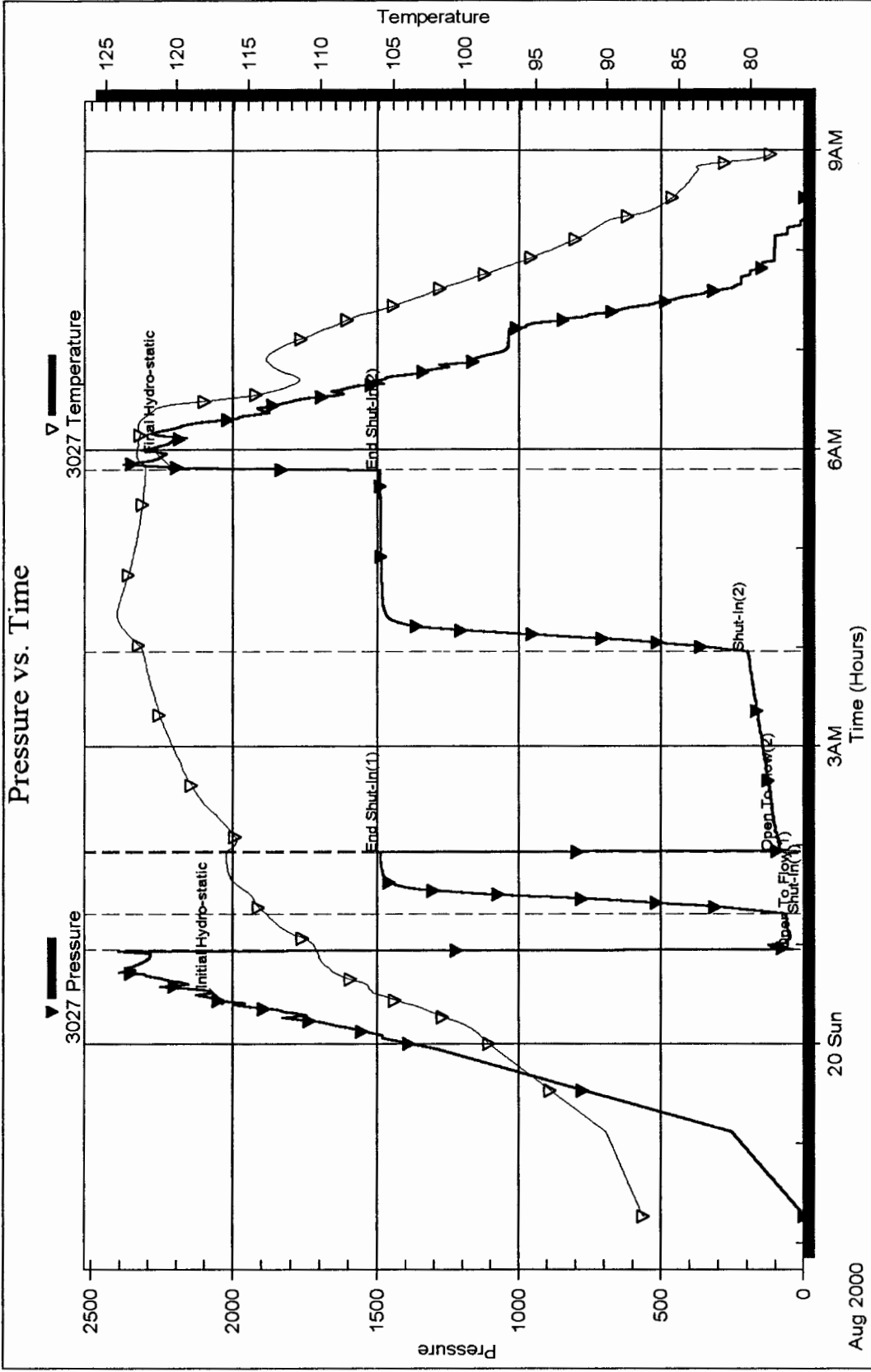
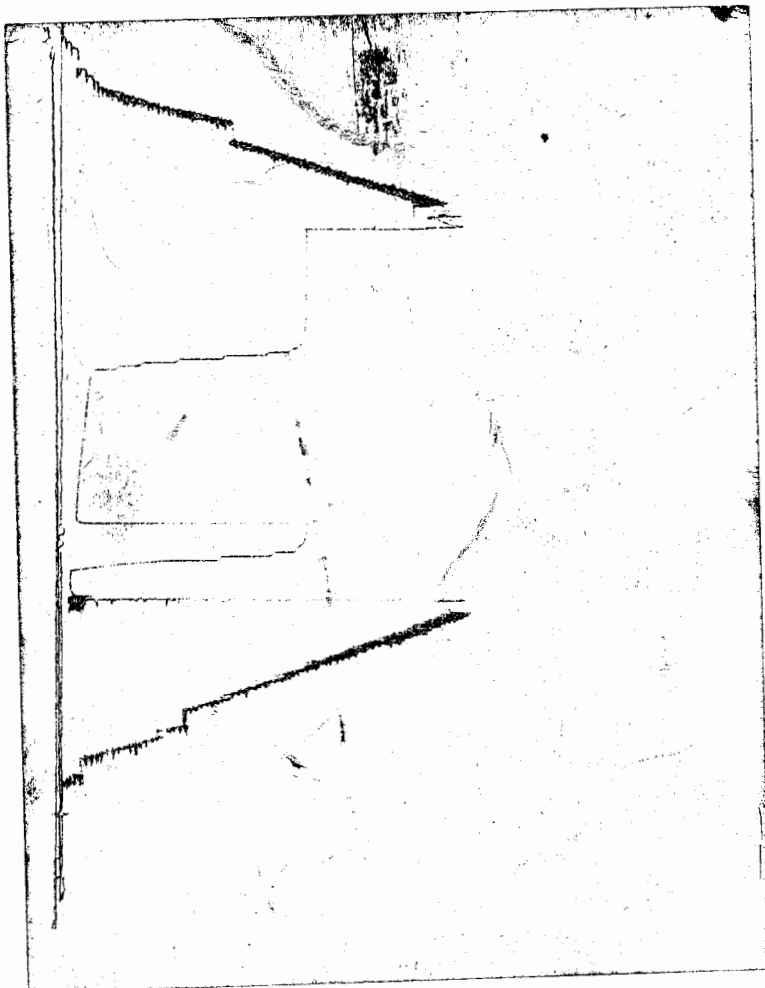


CHART PAGE



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



# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No. 13832

## Test Ticket

Well Name & No. <u>Speirs "A" 2-30</u>	Test No. <u>2</u>	Date <u>9-19-00</u>
Company <u>McCoy Pet. Corp.</u>	Zone Tested <u>Mississippi</u>	
Address <u>P.O. Box 780208 Wichita KS 67278</u>	Elevation <u>2266</u>	KB <u>2260</u> GL
Co. Rep / Geo. <u>Cory Baker</u>	Cont. <u>Vonfeldt</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>30</u>	Twp. <u>265</u>	Rge. <u>20</u> Co. <u>Edwards</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>4722' - 4786'</u>	Initial Str Wt./Lbs. <u>44,000</u>	Unseated Str Wt./Lbs. <u>5000</u>
Anchor Length <u>54'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>54,000</u>
Top Packer Depth <u>4727</u>	Tool Weight <u>3000</u>	
Bottom Packer Depth <u>4732</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>4786</u>	Wt. Pipe Run <u>-0-</u>	Drill Collar Run <u>-0-</u>
Mud Wt. <u>9.4</u> LCM _____ Vis. <u>51</u> WL <u>10</u>	Drill Pipe Size <u>4.5 x 4</u>	Ft. Run <u>4742</u>
Blow Description <u>Blow B.O.B. 4 min ISI 6" of Blow F.F. B.O.B. Immediately</u> <u>Gas to surface 15 min @ 1,900 CF/E</u>		

Recovery — Total Feet <u>520</u>	GIP <u>G.T.S.</u>	Ft. in DC _____	Ft. in DP <u>520</u>
Rec. <u>100</u> Feet Of <u>Gas, HOCM</u>	<u>25%</u> gas <u>30%</u> oil	%water <u>45%</u> mud	
Rec. <u>60</u> Feet Of <u>Gas, Muddy oil</u>	<u>10%</u> gas <u>25%</u> oil	%water <u>15%</u> mud	
Rec. <u>100</u> Feet Of <u>sl. mudcut oil</u>	<u>9%</u> gas <u>98%</u> oil	%water _____ %mud	
Rec. <u>60</u> Feet Of <u>Gas, oil</u>	<u>45%</u> gas <u>55%</u> oil	%water _____ %mud	
Rec. <u>120</u> Feet Of <u>Gas, mudcut oil</u>	<u>30%</u> gas <u>50%</u> oil	%water <u>20%</u> mud	
BHT <u>122</u> °F Gravity <u>39</u> °API D@ <u>90</u>	°F Corrected Gravity <u>36</u> °API		
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides _____ ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2037</u>			<u>11085</u>	<u>9:30</u>
(B) First Initial Flow Pressure	<u>41</u>			(depth) <u>4786</u>	T-Started <u>10:30</u>
(C) First Final Flow Pressure	<u>63</u>			Recorder No. <u>3027</u>	T-Open <u>00:55</u>
(D) Initial Shut-In Pressure	<u>1490</u>			(depth) <u>4737</u>	T-Pulled <u>5:45</u>
(E) Second Initial Flow Pressure	<u>100</u>			PSI Recorder No. _____	T-Out _____
(F) Second Final Flow Pressure	<u>201</u>			(depth) _____	T-Off Location <u>11:15</u>
(G) Final Shut-in Pressure	<u>1492</u>			PSI Initial Opening <u>20</u>	Test _____
(Q) Final Hydrostatic Mud	<u>2223</u>			PSI Initial Shut-in <u>40</u>	Jars _____
				Final Flow <u>90</u>	Safety Joint <u>X</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 Cory D. Baker  
 Our Representative [Signature]

Circ. Sub \_\_\_\_\_  
 Sampler \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Elec. Rec. X  
 Mileage 98 1 way  
 Other \_\_\_\_\_  
 TOTAL PRICE \$ \_\_\_\_\_