

15-129-21604

WELL NAME: Speakman #1-126
COMPANY: Pioneer Oil Co., Inc.
LOCATION: 26-32s-40w
Morton co Kansas
DATE: 7/12/00

TRILOBITE TESTING L.L.C.

OPERATOR : Pioneer Oil Co. Inc. DATE 7-2-00
 WELL NAME: Speakman #1-126 KB 3260.00 ft TICKET NO: 12597 DST #1
 LOCATION : 26-32s-40w Morton co KS GR 3249.00 ft FORMATION: Lower Morrow
 INTERVAL : 5827.00 To 5842.00 ft TD 5842.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 15	Rec.	13277	13277	3026			PF Fr. to hr
SI 45	Range(Psi)	4125.0	4125.0	4995.0	0.0	0.0	IS Fr. to hr
SF 45	Clock(hrs)	18hr	18hr	elect			SF Fr. to hr
FS 90	Depth(ft)	5842.0	5842.0	5834.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	2749.0	2755.0	2700.0	0.0	0.0	T STARTED 1040 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 1125 hr
Bl. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 1126 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 1400 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 1645 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	2678.0	2672.0	2689.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 0.00 lbs
						Wt Pulled Loose 140000.00 lbs
						Initial Str Wt 94000.00 lbs
						Unseated Str Wt 96000.00 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 548.00 ft
						D.P. Length 5254.00 ft

RECOVERY

Tot Fluid 110.00 ft of 110.00 ft in DC and 0.00 ft in DP
 110.00 ft of Mud
 0.00 ft of 100% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	8.90 lb/c
Vis.	49.00 S/L
W.L.	9.20 in3
F.C.	0.00 in
Mud Drop	

BLOW DESCRIPTION

MISRUN!!
 Too much fill. Could not get to bottom. Approximately 27' fill.
 Tool slid about 15'. pulled loose
 50,000 over string. Tore both packers

Amt. of fill	0.00 ft
Btm. H. Temp.	0.00 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	Scott Bugbee
Co. Rep.	Jon Christensen
Contr.	Norseman
Rig #	3
Unit #	
Pump T.	

SAMPLES:
 SENT TO:

Test Successful: N

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Speakman #1-126		P.O. SUB top of tool	5800
		C.O. SUB 1'DP	5801
LOCATION : 26-32s-40w Morton co KS		S.I. TOOL 5'	5806
TICKET No. 12597 D.S.T. No. 1 DATE 7-2-00			
TOTAL TOOL TO BOTTOM OF TOP PACKERS 27			
INTERVAL TOOL		HMV 5'	5811
BOTTOM PACKERS AND ANCHOR 15		JARS 5'	5816
TOTAL TOOL 42			
DRILL COLLAR ANCHOR IN INTERVAL			
D.C. ANCHOR STND.Stands Single Total		SAFETY JOINT 2'	5818
D.P. ANCHOR STND.Stands Single Total		PACKER 5'	5823
TOTAL ASSEMBLY		PACKER 5'	5827
D.C. ABOVE TOOLS.Stands6 Single Total 548		DEPTH 5827	
D.P. ABOVE TOOLS.Stands55 Single Total 5254		1'	5828
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5846		ANCHOR	
		1' perf	5829
TOTAL DEPTH 5842			
TOTAL DRILL PIPE ABOVE K.B. 4			
REMARKS:		Alpine Rec.	5834
27' of fill tool slid 15' never got to bottom tore both packers.			
		5' PU sub	5834
		3' perf	5837
		Ak1 Rec.	5242
		BULLNOSE	
		T.D. 5'	5842

12597 DST#1 Speakman #1-126 Pioneer Oil Co.

TEST HISTORY

Flag Points
 t(Min.) P(PSig)
 R: 0.00 2700.98
 Q: 0.00 2689.68

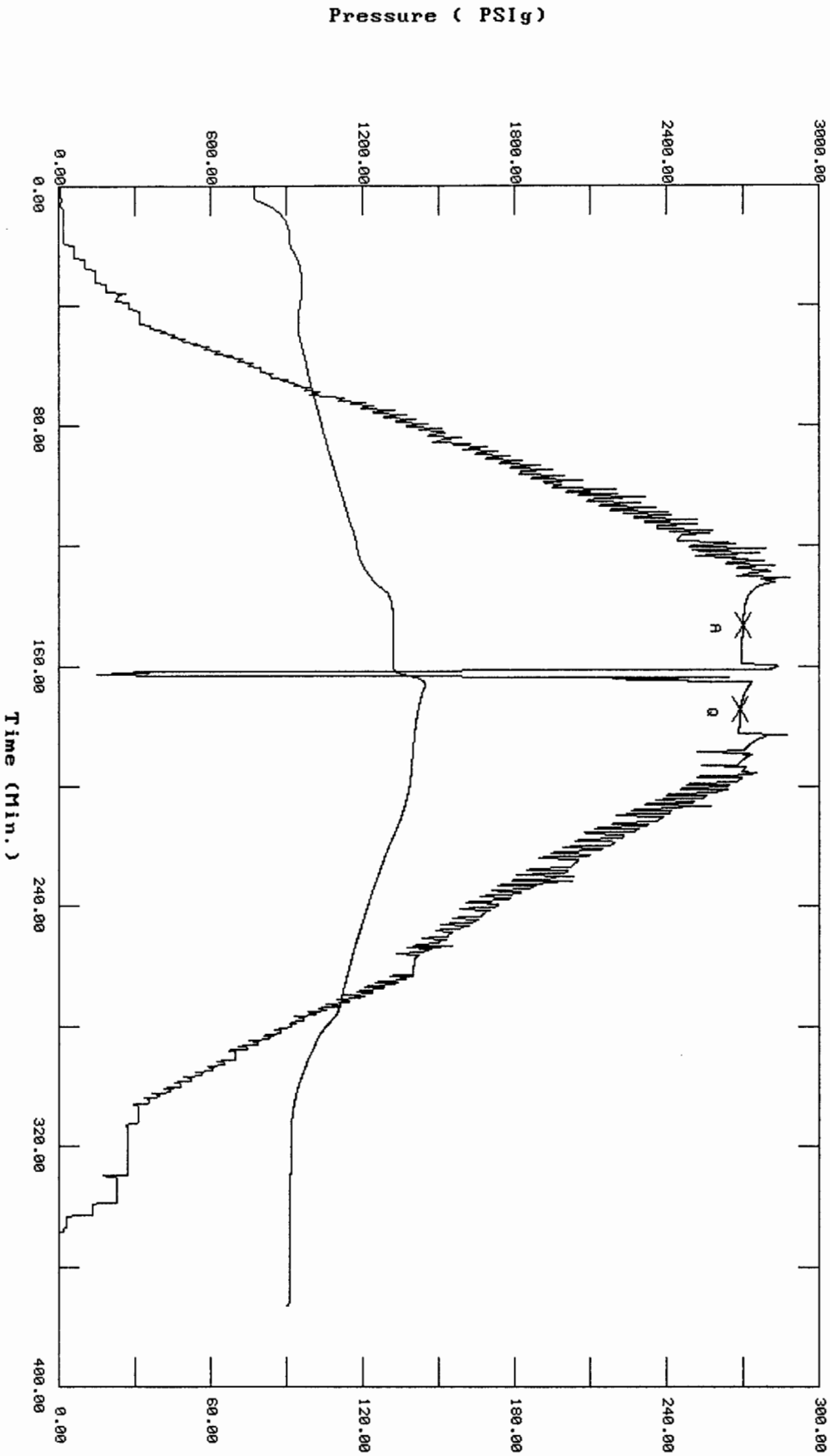
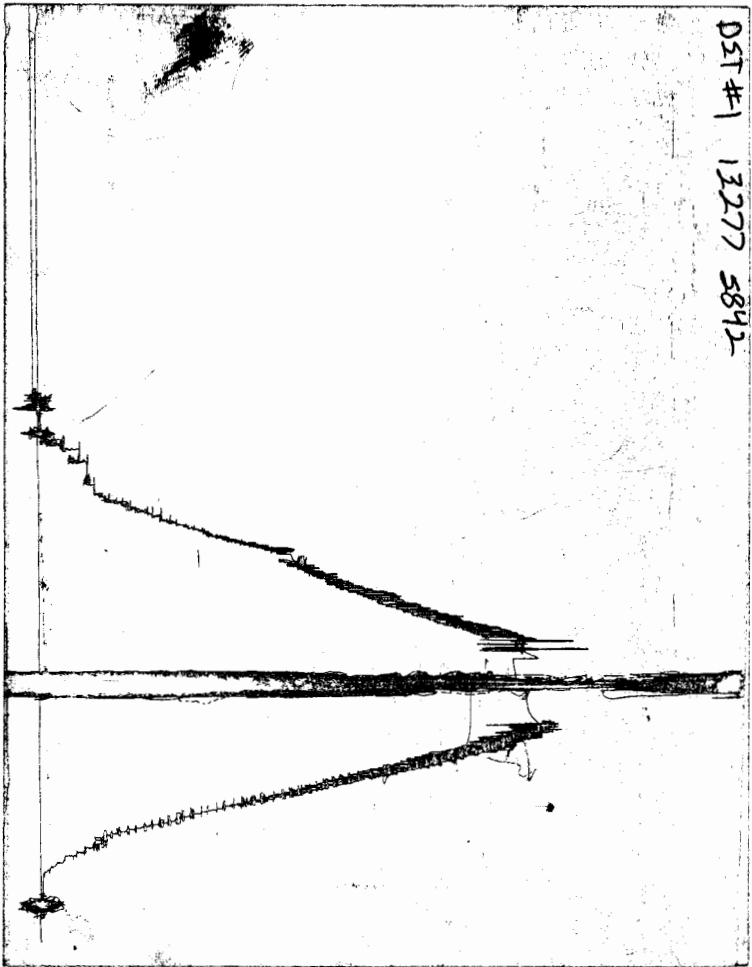


CHART PAGE

DST #1 13277 5842



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 12597

Well Name & No. <u>Speakman #1-124</u>		Test No. <u>#1</u>	Date <u>7-2-00</u>
Company <u>Pioneer Oil Co. Inc.</u>		Zone Tested <u>Lower Morrow</u>	
Address <u>RR. 4 Box 192B. Lawrenceville IL. 62439</u>		Elevation <u>3260</u> KB <u>3249</u> GL	
Co. Rep / Geo. <u>John Christensen</u>		Cont. <u>Norseman Rig 3</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>26</u>	Twp. <u>32S</u>	Rge. <u>40W</u>	Co. <u>Morton</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>5827 - 5842</u>	Initial Str Wt./Lbs. <u>99,000</u>	Unseated Str Wt./Lbs. <u>96,000</u>
Anchor Length <u>15'</u>	Wt. Set Lbs. <u> </u>	Wt. Pulled Loose/Lbs. <u>145,000</u>
Top Packer Depth <u>5822</u>	Tool Weight <u>1800</u>	
Bottom Packer Depth <u>5827</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>5842</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u>548</u> ⁶³⁴⁵
Mud Wt. <u>8.9</u> LCM <u>2</u> Vis. <u>49</u> WL <u>9.2</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>5254</u> ⁵⁶

Blow Description Misc run not able to get to bottom to much fill approximately 27' fill Tool slid about 15' pulled loose 50,000 over string tore both packers

Recovery — Total Feet <u>110</u>	GIP <u> </u>	Ft. in DC <u>110</u>	Ft. in DP <u> </u>
Rec. <u>110</u> Feet Of <u>mud</u>	%gas <u> </u>	%oil <u> </u>	%water <u>100</u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>

BHT °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides 800 ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2749</u>	Alpine <u>2700</u>	PSI Recorder No. <u>3026</u>	T-On Location <u>9:30 A.M.</u>
(B) First Initial Flow Pressure			PSI (depth) <u>5834</u>	T-Started <u>10:40 A.M.</u>
(C) First Final Flow Pressure			PSI Recorder No. <u>13277</u>	T-Open <u> </u>
(D) Initial Shut-In Pressure			PSI (depth) <u>5842</u>	T-Pulled <u>2:00 P.M.</u>
(E) Second Initial Flow Pressure			PSI Recorder No. <u> </u>	T-Out <u>10:45 P.M.</u>
(F) Second Final Flow Pressure			PSI (depth) <u> </u>	T-Off Location <u> </u>
(G) Final Shut-in Pressure			PSI Initial Opening <u>15</u>	Test <input checked="" type="checkbox"/> <u>800</u> °C
(Q) Final Hydrostatic Mud	<u>2678</u>	<u>2689</u>	PSI Initial Shut-in <u>45</u>	Jars <input checked="" type="checkbox"/> <u>200</u> °C
			Final Flow <u>45</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u> °C
			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 John Christensen
 Our Representative Scott Bingham

Circ. Sub N/C
 Sampler
 Extra Packer
 Elec. Rec. 150 °C
 Mileage
 Other
 TOTAL PRICE \$ 1000 °C

TRILOBITE TESTING L.L.C.

OPERATOR : Pioneer Oil Co. Inc. DATE 7-5-00
 WELL NAME: Speakman #1-126 KB 0.00 ft TICKET NO: 12598 DST #2
 LOCATION : 26-32s-40w Morton co KS GR 0.00 ft FORMATION: Morrow
 INTERVAL : 5788.00 To 5809.00 ft TD 6185.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF	0 Rec.	13252	13252	3026	13277		PF Fr. to hr
SI	0 Range(Psi)	4550.0	4550.0	4995.0	4125.0	0.0	IS Fr. to hr
SF	0 Clock(hrs)	18hr	18hr	elect	18hr		SF Fr. to hr
FS	0 Depth(ft)	5809.0	5809.0	5795.0	6185.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	2744.0	0.0	2715.0	0.0	0.0	T STARTED 0240 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 0631 hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 0632 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 0645 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 1010 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	2687.0	0.0	2670.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	O	O	I	O		Wt Set On Packer 40000.00 lbs
						Wt Pulled Loose 110000.00 lbs
						Initial Str Wt 105000.00 lbs
						Unseated Str Wt 105000.00 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 639.00 ft
						D.P. Length 5516.00 ft

RECOVERY

Tot Fluid 380.00 ft of 380.00 ft in DC and 0.00 ft in DP
 380.00 ft of Mud
 0.00 ft of 100% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

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

BLOW DESCRIPTION

Misrun--No packer seat.

MUD DATA-----

Mud Type	Chemical
Weight	8.80 lb/c
Vis.	63.00 S/L
W.L.	7.60 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	150.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	4
Cushion Amt.	0.00

Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Scott Bugbee
 Co. Rep. Jon Christensen
 Contr. Norseman
 Rig # 3
 Unit #
 Pump T.

SAMPLES:

SENT TO:

Test Successful: N

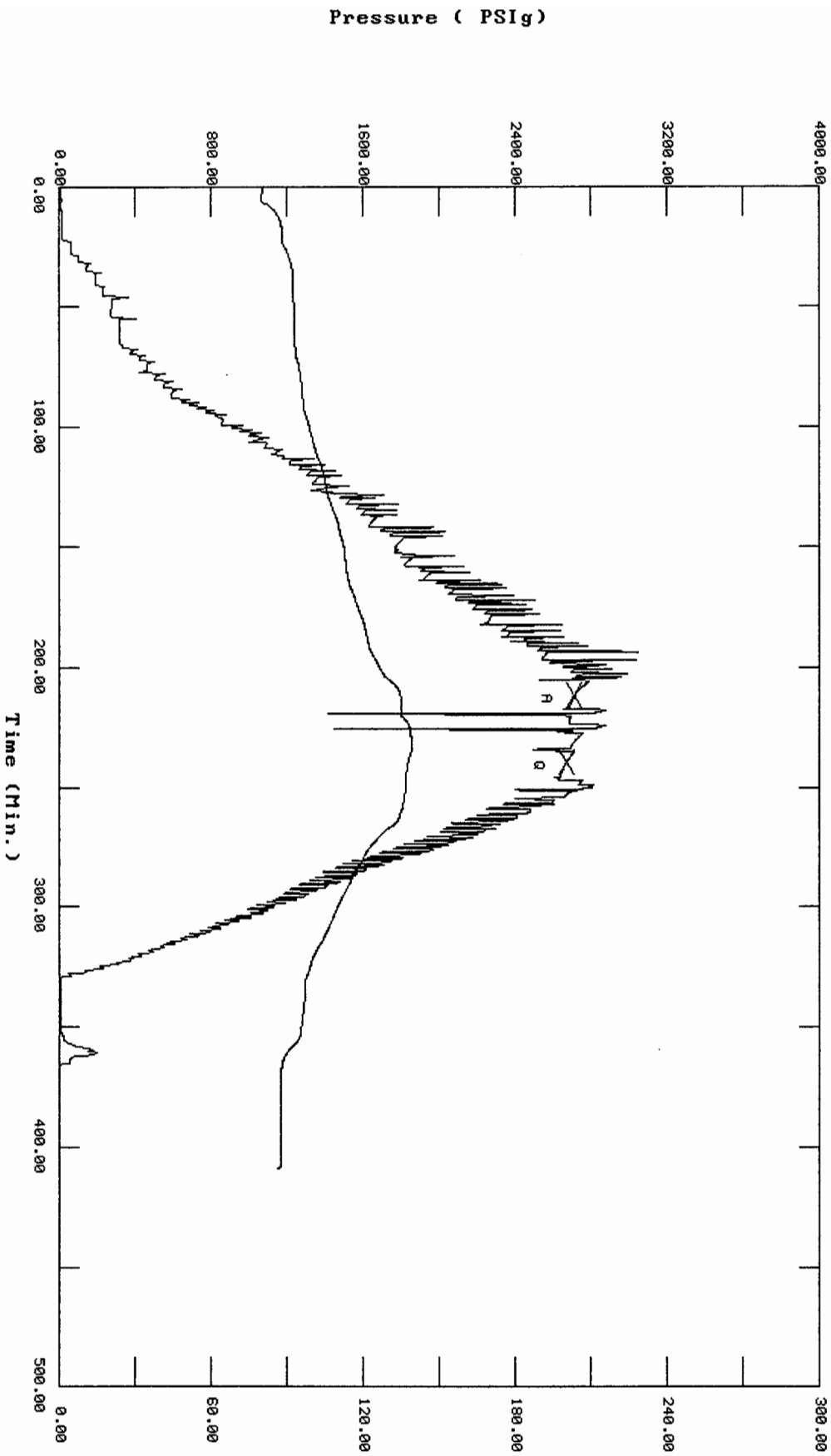
*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Speakman #1-126	H P.O. SUB top of tool	5761
	H C.O. SUB 1' DP	5762
LOCATION : 26-32s-40w Morton co KS	H S.I. TOOL 5'	5767
TICKET No. 12598 D.S.T. No. 2 DATE 7-5-00	H	
TOTAL TOOL TO BOTTOM OF TOP PACKERS 27	H	
INTERVAL TOOL	H HMV 5'	5772
BOTTOM PACKERS AND ANCHOR 26	H JARS 5'	5777
TOTAL TOOL 53	H	
DRILL COLLAR ANCHOR IN INTERVAL	H	
D.C. ANCHOR STND.Stands Single Total	H	
D.P. ANCHOR STND.Stands 4 Single Total 367	H SAFETY JOINT 2'	5779
TOTAL ASSEMBLY	H	
D.C. ABOVE TOOLS.Stands7 Single Total 639	■ PACKER 5'	5784
D.P. ABOVE TOOLS.Stands62 Single Total 5516	■ PACKER 5'	5788
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 6208	H DEPTH 5788	
	H 1'	5789
	H ANCHOR	
	H 1' perf	5790
TOTAL DEPTH 6185	H	
TOTAL DRILL PIPE ABOVE K.B. 23	H Alpine Rec.	5795
REMARKS:	H 5' PU subb	5795
Misrun No packer seat	H 9' perf	5804
	H Ak1 Rec.	5809
	H	
	■ PACKER 5'	5809
	H	
	■ PACKER 5' Shale packer	5814
	H 1' c/o sub	5815
	H 367' pipe	6182
	H 1'c/o sub	6183
	H Ak1 Rec.	6185
	H BULLNOSE	
	┌ T.D. 2'	6185

TEST HISTORY

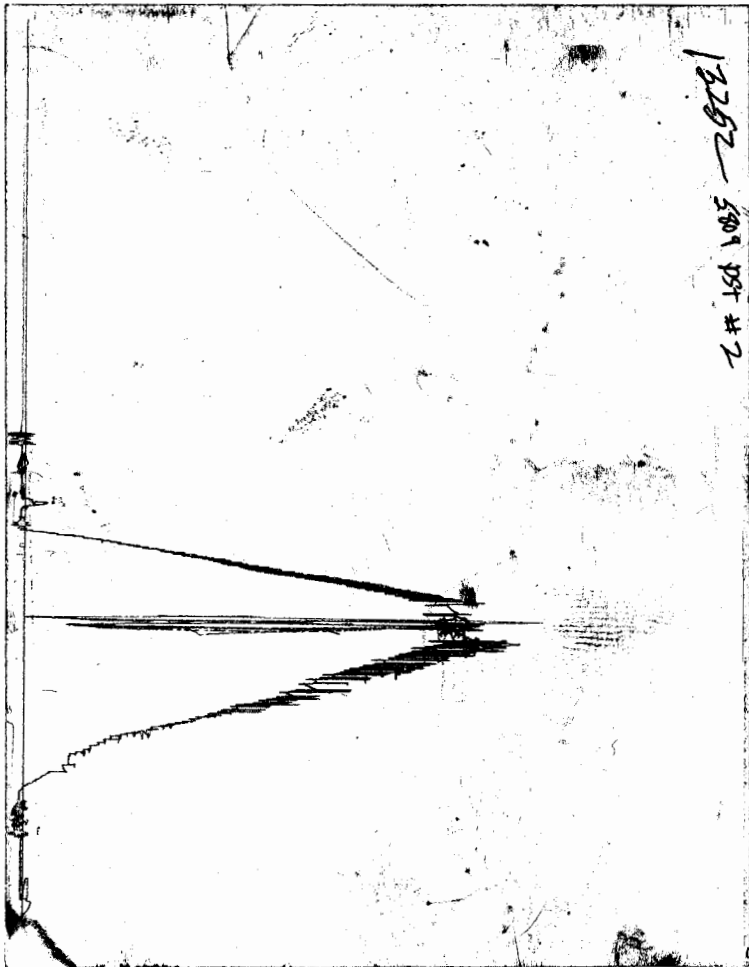
DST#2 Speakman I-126 Pioneer Oil Co. Inc.

Flag Points
 t(Min.) R (PSig)
 R: 0.00 2715.62
 Q: 0.00 2670.66



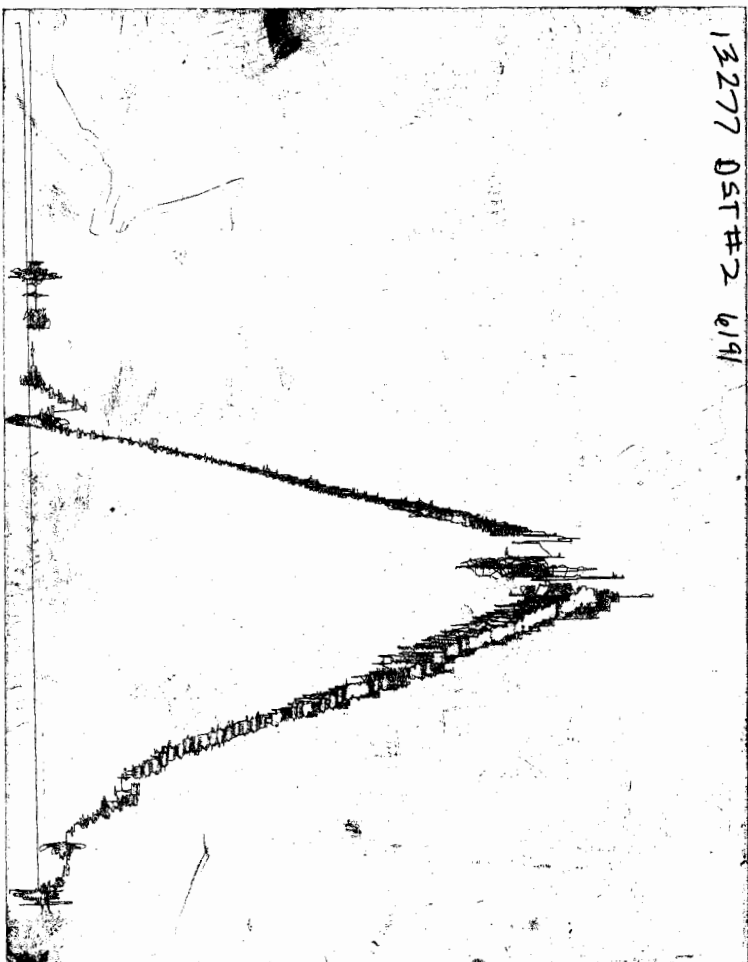
Temperature (DEG F)

CHART PAGE



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

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 12598

Well Name & No.	<u>Speakman 1-126</u>	Test No.	<u>#2</u>	Date	<u>7-5-00</u>
Company	<u>Pioneer Oil Co. Inc.</u>	Zone Tested	<u>Morrow</u>		
Address	<u>Lawrenceville IL 62439</u>	Elevation	KB	GL	
Co. Rep / Geo.	<u>Jon Christensen</u>	Cont.	<u>Norseman Rig 3</u>	Est. Ft. of Pay	Por. %
Location: Sec.	<u>26</u>	Twp.	<u>32S</u>	Rge.	<u>40W</u>
			Co.	<u>Morton</u>	State <u>KS</u>
No. of Copies	Distribution Sheet (Y, N)	Turnkey (Y, N)	Evaluation (Y, N)		

Interval Tested	<u>5788 - 5808 5809</u>	Initial Str Wt./Lbs.	<u>105,000</u>	Unseated Str Wt./Lbs.	<u>105,000</u>
Anchor Length	<u>21'</u>	Wt. Set Lbs.	<u>40,000</u>	Wt. Pulled Loose/Lbs.	<u>110,000</u>
Top Packer Depth	<u>5783</u>	Tool Weight	<u>2000</u>		
Bottom Packer Depth	<u>5788</u>	Hole Size — 7 7/8"	<input checked="" type="checkbox"/>	Rubber Size — 6 3/4"	<input checked="" type="checkbox"/>
Total Depth	<u>6191</u>	Wt. Pipe Run		Drill Collar Run	<u>639</u>
Mud Wt. <u>8.8</u> LCM <u>2</u> Vis. <u>63</u> WL <u>7.6</u>		Drill Pipe Size	<u>4 1/2 XH</u>	Ft. Run	<u>5576</u>
Blow Description	<u>Mistun no packer seat</u>				

Recovery — Total Feet	<u>380</u>	GIP		Ft. in DC	<u>380</u>	Ft. in DP				
Rec.	<u>380</u>	Feet Of	<u>Mud</u>	%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	<u>2744</u>	AK-1	<u>2715</u>	Alpine	PSI Recorder No.	<u>3026</u>	T-On Location	<u>11:00 PM</u>
(B) First Initial Flow Pressure					PSI (depth)	<u>5795</u>	T-Started	<u>2:40 A.M.</u>
(C) First Final Flow Pressure					PSI Recorder No.	<u>13277</u>	T-Open	<u>6:30 A.M.</u>
(D) Initial Shut-In Pressure					PSI (depth)	<u>6185</u>	T-Pulled	<u>6:41 A.M.</u>
(E) Second Initial Flow Pressure					PSI Recorder No.	<u>13252</u>	T-Out	<u>10:10 A.M.</u>
(F) Second Final Flow Pressure					PSI (depth)	<u>5809</u>	T-Off Location	
(G) Final Shut-in Pressure					PSI Initial Opening		Test	<input checked="" type="checkbox"/> <u>600⁰⁰</u>
(Q) Final Hydrostatic Mud	<u>2687</u>		<u>2670</u>		PSI Initial Shut-in		Jars	<input checked="" type="checkbox"/> <u>200⁰⁰</u>

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Approved By Jon Christensen
Our Representative Scott Bugbee

Final Flow		Safety Joint	<input checked="" type="checkbox"/> <u>50⁰⁰</u>
Final Shut-in		Straddle	<input checked="" type="checkbox"/> <u>250⁰⁰</u>
		Circ. Sub	<input checked="" type="checkbox"/>
		Sampler	
		Extra Packer	<input checked="" type="checkbox"/> <u>300⁰⁰ shale</u>
		Elec. Rec.	<input checked="" type="checkbox"/> <u>150⁰⁰</u>
		Mileage	<u>37</u>
		Other	
		TOTAL PRICE \$	<u>1431⁰⁰</u>

1550.00

TRILOBITE TESTING L.L.C.

OPERATOR : Pioneer Oil Co. Inc. DATE 7-5-00
 WELL NAME: Speakman 1-126 KB 0.00 ft TICKET NO: 12599 DST #3
 LOCATION : 26-32s-40w Morton co KS GR 0.00 ft FORMATION: Morrow
 INTERVAL : 5728.00 To 5807.00 ft TD 6185.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13277	13277	3026	13252		PF Fr. 1707 to 1737 hr
SI 60 Range(Psi)	4125.0	4125.0	4995.0	4550.0	0.0	IS Fr. 1737 to 1837 hr
SF 60 Clock(hrs)	18hr	18hr	elect	18hr		SF Fr. 1837 to 1937 hr
FS 120 Depth(ft)	5807.0	5807.0	5735.0	6185.0	0.0	FS Fr. 1937 to 2137 hr

	Field	1	2	3	4	
A. Init Hydro	2881.0	2869.0	2721.0	2995.0	0.0	T STARTED 1315 hr
B. First Flow	118.0	116.0	29.0	0.0	0.0	T ON BOTM 1706 hr
B1. Final Flow	108.0	116.0	52.0	0.0	0.0	T OPEN 1707 hr
C. In Shut-in	1275.0	1298.0	1271.0	0.0	0.0	T PULLED 2137 hr
D. Init Flow	140.0	150.0	49.0	0.0	0.0	T OUT 0130 hr
E. Final Flow	175.0	165.0	87.0	0.0	0.0	
F. Fl Shut-in	1387.0	1398.0	1358.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2790.0	2812.0	2670.0	2630.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	0	0	I	0		Wt Set On Packer 40000.00 lbs
						Wt Pulled Loose 150000.00 lbs
						Initial Str Wt 110000.00 lbs
						Unseated Str Wt 112000.00 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 639.00 ft
						D.P. Length 5485.00 ft

RECOVERY

Tot Fluid 115.00 ft of 115.00 ft in DC and 0.00 ft in DP
 115.00 ft of Mud
 0.00 ft of 100% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

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

BLOW DESCRIPTION

Initial Flow:
 Weak blow built to 5".
 Initial Shut-In:
 No blow back.
 Final Flow:
 6 1/2" blow died back to weak surface
 blow. built back to 2".
 Final Shut-In:
 No blow back.

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	66.00 S/L
W.L.	7.60 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	140.00 F
Hole Condition	
% Porosity	0.00
Packer Size	7.75 in
No. of Packers	4
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Scott Bugbee
Co. Rep.	Jon Christensen
Contr.	Norseman
Rig #	3
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Speakman 1-126	H P.O. SUB top of tool	5701
	H C.O. SUB 1'dp	5702
LOCATION : 26-32s-40w Morton co KS	H S.I. TOOL 5'	5707
TICKET No. 12599 D.S.T. No. 3 DATE 7-5-00	H	
TOTAL TOOL TO BOTTOM OF TOP PACKERS 27	H	
INTERVAL TOOL	H HMV 5'	5712
BOTTOM PACKERS AND ANCHOR 20	H JARS 5'	5717
TOTAL TOOL 44	H	
DRILL COLLAR ANCHOR IN INTERVAL	H	
D.C. ANCHOR STND.Stands Single Total	H	
D.P. ANCHOR STND.Stands Single 2 Total 60	H SAFETY JOINT 2'	5719
TOTAL ASSEMBLY 104	H PACKER 5' shale	5724
D.C. ABOVE TOOLS.Stands7 Single Total 639	H PACKER 5'	5728
D.P. ABOVE TOOLS.Stands61 Single Total 5454	H DEPTH 5728	
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 6197	H 1' sub	5729
	H ANCHOR	
TOTAL DEPTH 6185	H 1' perf	5730
TOTAL DRILL PIPE ABOVE K.B. 12	H Alpine Rec.	5735
REMARKS:	H	
	H 5' PU sub	5735
	H 1' c/o sub	5736
	H 60' pipe	5796
	H 1'c/o sub	5797
	H 5' perf	5802
	H Ak1 Rec.	5807
	H	
	H PACKER 5'	5807
	H	
	H PACKER 5' shale	5812
	H 2' perf	5814
	H	
	H 1' c/o sub	5815
	H 367'pipe	6182
	H	
	H 1' c/o sub	6183
	H Ak1 Rec.	6185
	H BULLNOSE	
	H T.D. 2'	6185

TEST HISTORY

12599 DST#3 Speakman 1-126 Pioneer Oil Co. Inc.

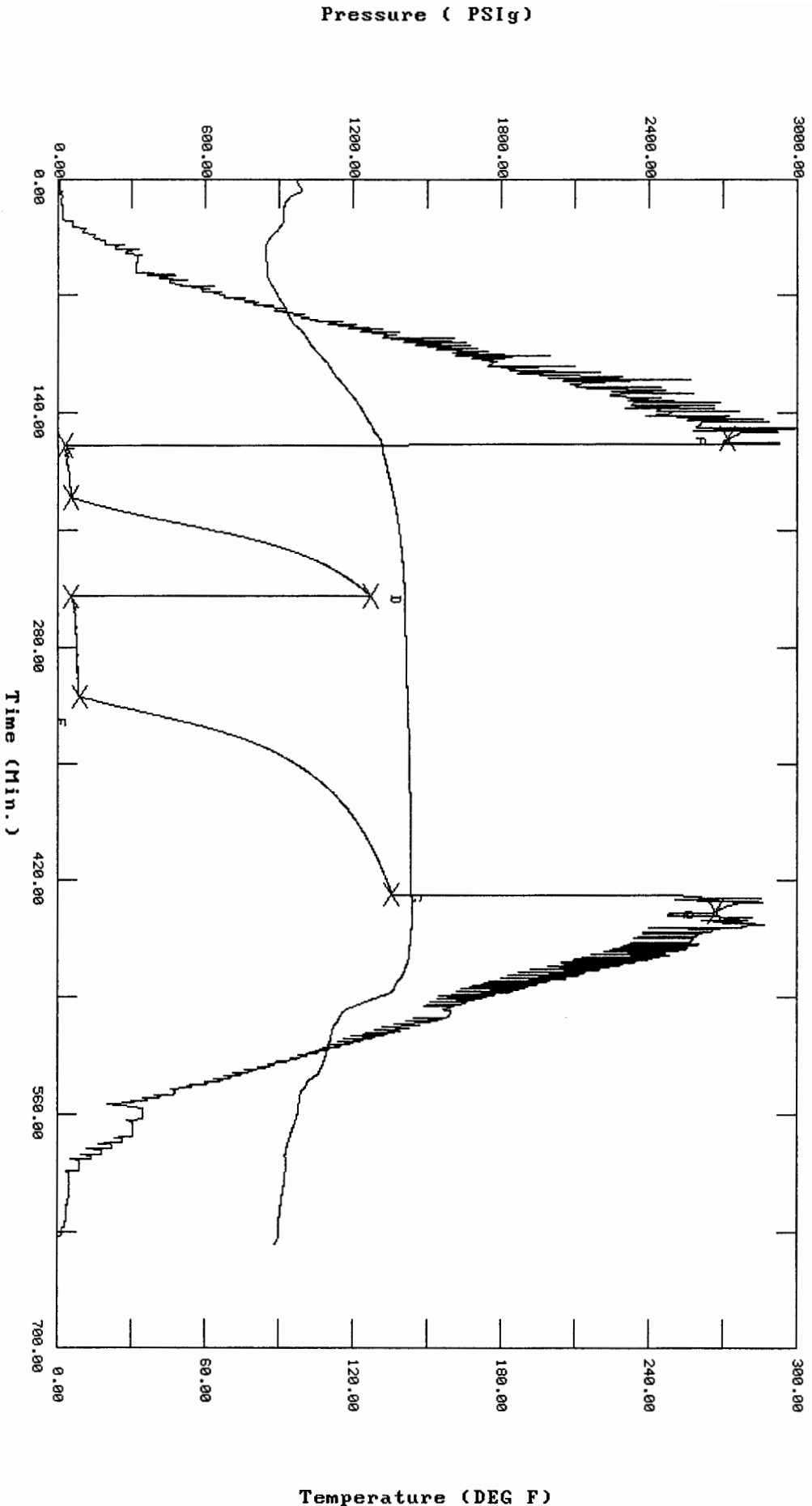
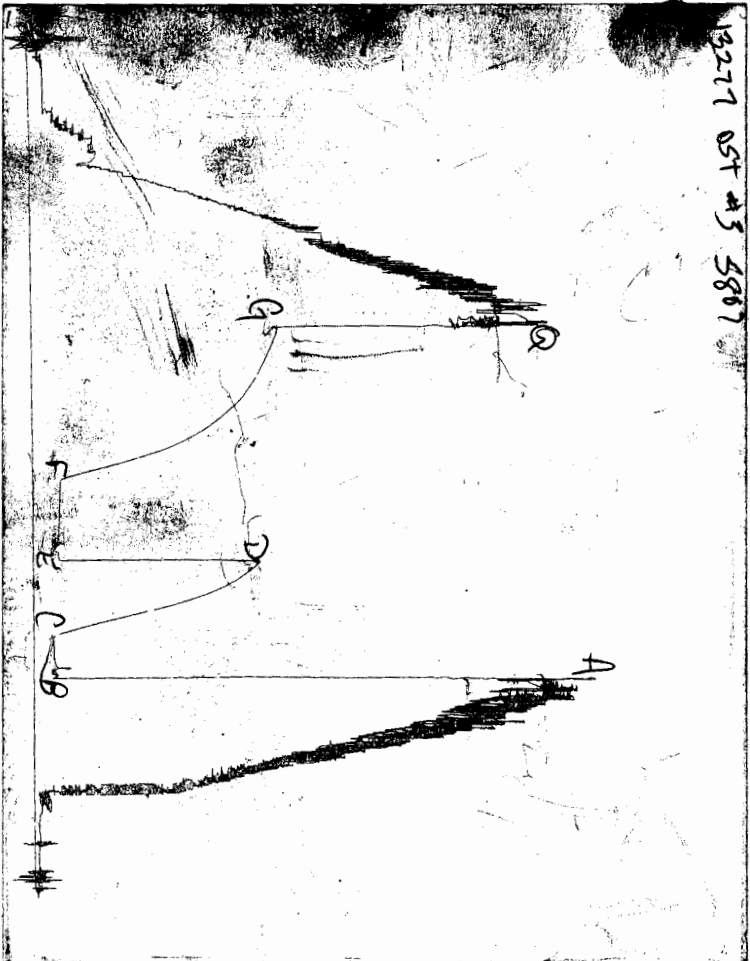
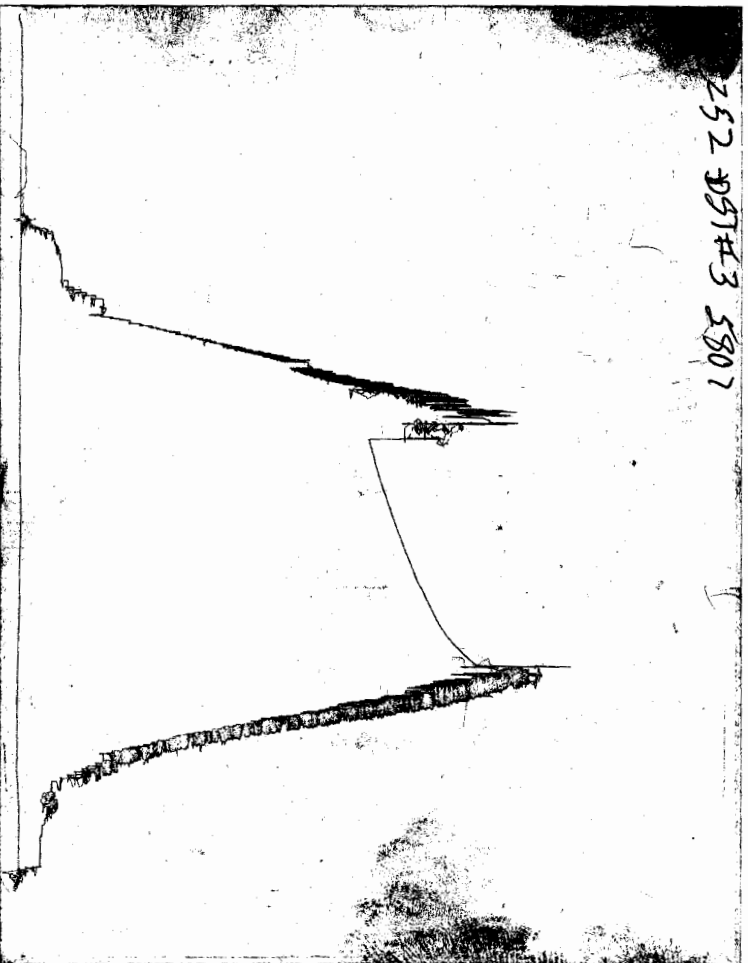


CHART PAGE



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

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 12599

Well Name & No. <u>Speckman #1-126</u>		Test No. <u>3</u>	Date <u>7-5-00</u>
Company <u>Pioneer Oil Co. Inc.</u>		Zone Tested <u>Morrow</u>	
Address <u>Lawrenceville IL 62439</u>		Elevation _____	KB _____ GL _____
Co. Rep / Geo. <u>Jon Christensen</u>		Cont. <u>Norseman 3</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>26</u>	Twp. <u>32s</u>	Rge. <u>40W</u>	Co. <u>Morton</u> State <u>Ks.</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____	Evaluation (Y, N) _____

Interval Tested <u>5728-5807</u>	Initial Str Wt./Lbs. <u>110,000</u>	Unseated Str Wt./Lbs. <u>112,000</u>
Anchor Length <u>79</u>	Wt. Set Lbs. <u>40,000</u>	Wt. Pulled Loose/Lbs. <u>150,000</u>
Top Packer Depth <u>5728</u>	Tool Weight <u>2000</u>	
Bottom Packer Depth <u>5807</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>6185</u>	Wt. Pipe Run _____	Drill Collar Run <u>639</u>
Mud Wt. <u>9.1</u> LCM <u>2</u> Vis. <u>660</u> WL <u>7.6</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>5514</u>
Blow Description <u>1st open weak Blow built to 5"</u>		
<u>No blow back</u>		
<u>2nd open 6 1/2" Blow died back to weak surface blow built back to 2" No blow back</u>		

Recovery — Total Feet <u>115</u>	GIP _____	Ft. in DC <u>115</u>	Ft. in DP _____
Rec. <u>115</u> Feet Of <u>Mud</u>	%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 _____
BHT _____ °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides <u>900</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2880</u>	Alpine <u>2721</u>	PSI	Recorder No. <u>3026</u>	T-On Location _____
(B) First Initial Flow Pressure	<u>118</u>	<u>29</u>	PSI	(depth) <u>5735</u>	T-Started <u>3:15 P.M.</u>
(C) First Final Flow Pressure	<u>108</u>	<u>52</u>	PSI	Recorder No. <u>13277</u>	T-Open <u>5:07 P.M.</u>
(D) Initial Shut-in Pressure	<u>1275</u>	<u>1271</u>	PSI	(depth) <u>5807</u>	T-Pulled <u>9:37 P.M.</u>
(E) Second Initial Flow Pressure	<u>140</u>	<u>49</u>	PSI	Recorder No. <u>13252</u>	T-Out <u>1:30 A.M.</u>
(F) Second Final Flow Pressure	<u>175</u>	<u>87</u>	PSI	(depth) <u>6185</u>	T-Off Location _____
(G) Final Shut-in Pressure	<u>1387</u>	<u>1358</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>800⁰⁰</u>
(Q) Final Hydrostatic Mud	<u>2790</u>	<u>2670</u>	PSI	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/> <u>200⁰⁰</u>
				Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/> <u>50⁰⁰</u>
				Final Shut-in <u>120</u>	Straddle <input checked="" type="checkbox"/> <u>250⁰⁰</u>
					Circ. Sub <input checked="" type="checkbox"/>
					Sampler _____
					Extra Packer <input checked="" type="checkbox"/> <u>150⁰⁰</u>
					Elec. Rec. <input checked="" type="checkbox"/> <u>150⁰⁰</u>
					Mileage <u>31⁰⁰</u>
					Other <u>2 shale packers 300⁰⁰</u>
					TOTAL PRICE \$ <u>1931⁰⁰</u>

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Approved By [Signature]
 Our Representative Scott Bugbee

21 + 3 = 24
 24 / 3 = 8

Well Name Speakman

DST Number 3

Recorder Number 13277

A: 3.063 3169

B: .108 116

C: .108 116

D: 1.243 1298

E: .139 130

F: .153 125

G: 1.341 1398

Q: 2.810 2912