

ORIGINAL

Well Name: Spriggs B #4
Company: Woolsey Petroleum Corp.
Location: 33-33s-13w
Barber county Kansas
Date: 9-22-99

15-007-22600

RECEIVED
STATE OF KANSAS DEPARTMENT OF REVENUE

FEB 22 2000

STATE OF KANSAS DEPARTMENT OF REVENUE
TAX SERVICE

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Woolsey Petro. Corp
 WELL NAME: Spriggs B #4
 LOCATION : 33-33s-13w-Barber-Ks
 INTERVAL : 4048.00 To 4086.00 ft

DATE 9-19-99
 KB 1819.00 ft TICKET NO: 11127 DST #1
 GR 1811.00 ft FORMATION: Snyderville
 TD 4086.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	2350			PF Fr. 0315 to 0345 hr
SI 60 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 0345 to 0445 hr
SF 60 Clock(hrs)	12	12	elect			SF Fr. 0445 to 0545 hr
FS 240 Depth(ft)	4083.0	4083.0	4055.0	0.0	0.0	FS Fr. 0545 to 0945 hr

	Field	1	2	3	4	
A. Init Hydro	1956.0	1957.0	1955.0	0.0	0.0	T STARTED 0115 hr
B. First Flow	29.0	30.0	17.0	0.0	0.0	T ON BOTM 0313 hr
B1. Final Flow	49.0	50.0	61.0	0.0	0.0	T OPEN 0315 hr
C. In Shut-in	1266.0	1255.0	1261.0	0.0	0.0	T PULLED 0945 hr
D. Init Flow	68.0	65.0	64.0	0.0	0.0	T OUT 1115 hr
E. Final Flow	88.0	90.0	102.0	0.0	0.0	
F. Fl Shut-in	1266.0	1270.0	1277.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1886.0	1899.0	1903.0	0.0	0.0	Tool Wt. 1000.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 43000.00 lbs
						Unseated Str Wt 43000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4041.00 ft

RECOVERY

Tot Fluid 75.00 ft of 0.00 ft in DC and 75.00 ft in DP
 75.00 ft of Thin 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:
 Strong bottom of bucket in 1 min
 GTS-in 20 min
 Initial Shut-in:
 Bled off blow-no blow back
 Final Flow:
 Strong bottom of bucket in 15 sec
 Final Shut-in:
 Bled off blow-no blow back

SAMPLES: Gas sample taken
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	47.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	112.00 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	Dan Bangle
Co. Rep.	Mikeal Maune
Contr.	Duke
Rig #	2
Unit #	
Pump T.	

Test Successful: Y

TEST HISTORY

Tk# 11127 DST# 1 Spriggs B #4 Woolsey Petro.

Flag Points
t(Min.) P(PSig)

A:	0.00	1955.59
B:	0.00	16.69
C:	28.00	60.67
D:	60.00	1260.84
E:	0.00	63.94
F:	54.00	101.80
G:	240.00	1276.70
Q:	0.00	1902.72

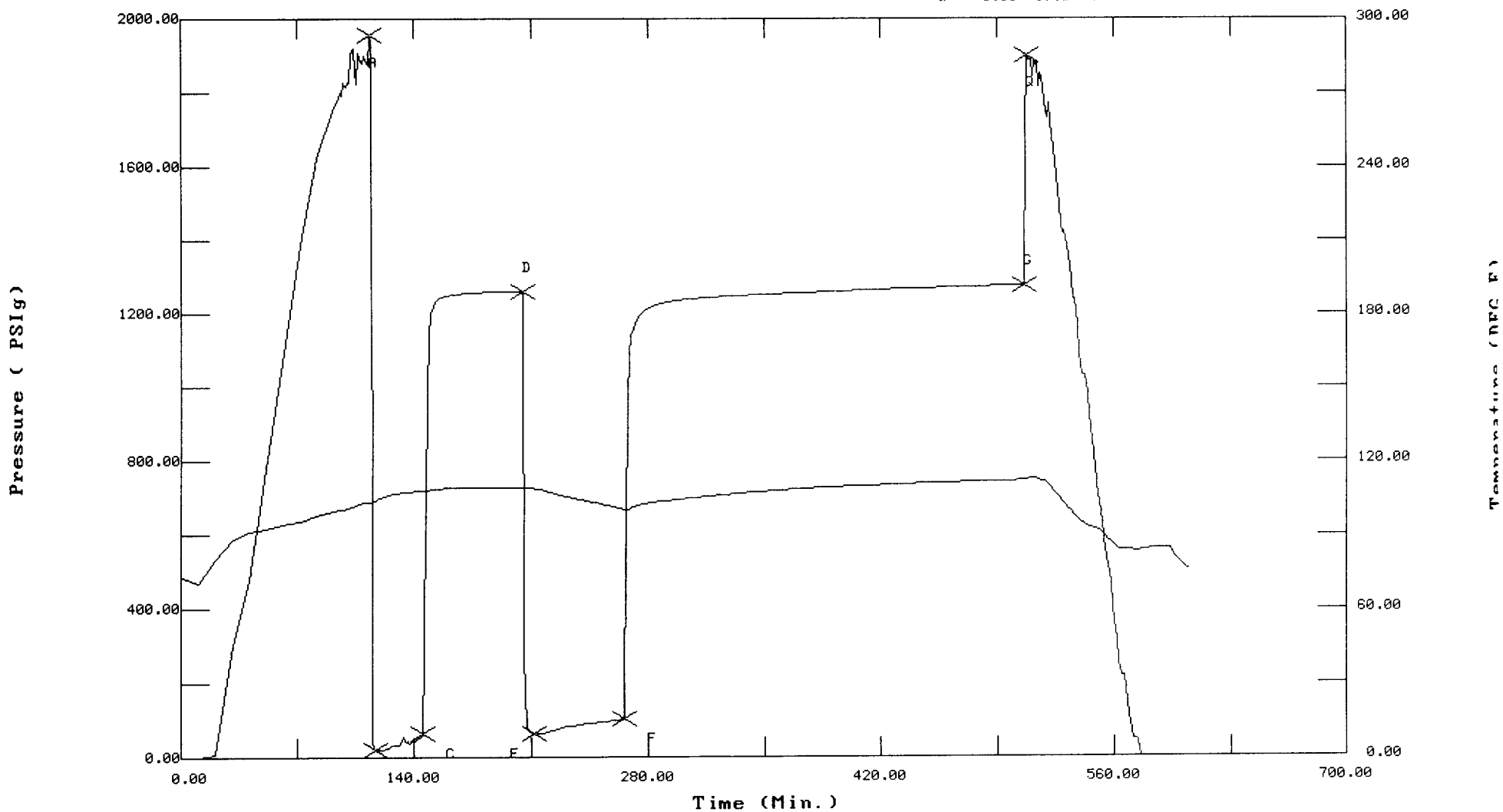
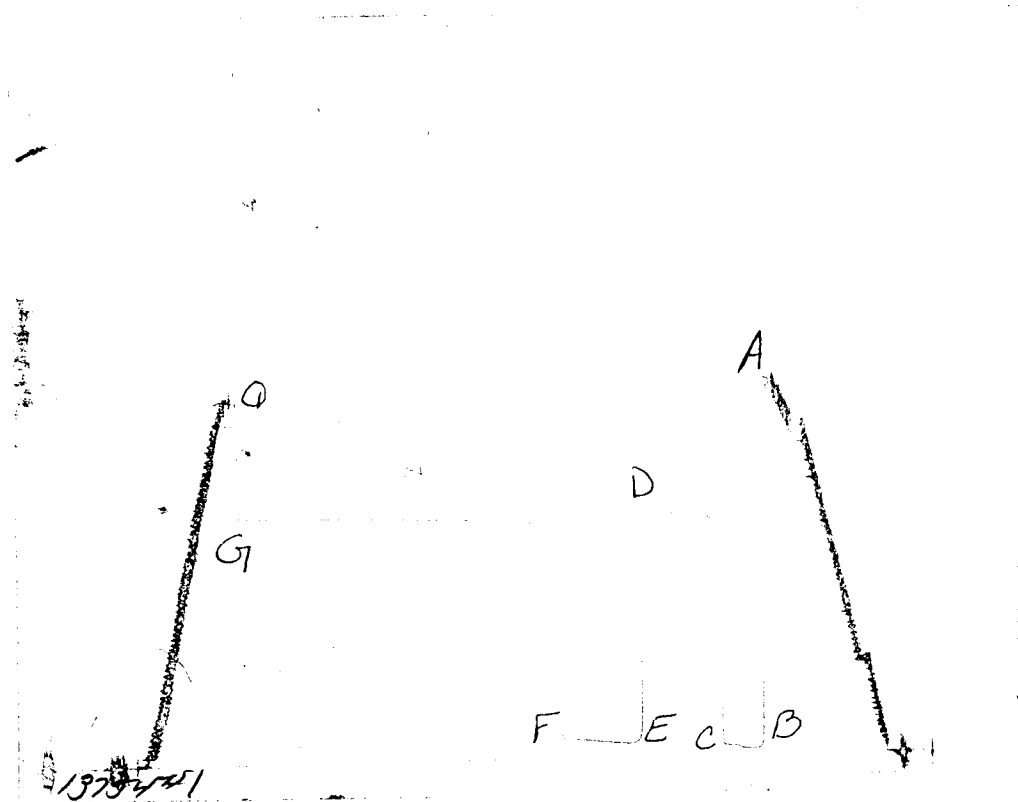
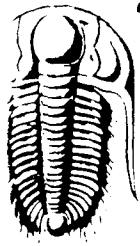


CHART PAGE



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



TRILOBITE TESTING

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

GAS VOLUME REPORT

Woolsey Petro. Corp.
OPERATOR

Spriggs B #4
WELL NAME AND NO.

1
DST NO.

In.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
2		1/4		0		1/2	
-		"		5	10	"	116000
0		"		10	12	"	129000
5		"		15	16	"	153000
0	10	"	30800	20	16	"	153000
5	12	"	34000	25	30	"	231000
0	16	"	40900	30	32	"	243000
				35	34	"	253000
				40	36	"	265000
				45	36	"	265000
				50	36	"	265000
				55	40	"	285000
				60	40	"	285000

Remarks: GTS in 20 min. Sample Taken

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11127

Well Name & No. <u>Spriggs B #4</u>	Test No. <u>1</u>	Date <u>9-19-99</u>
Company <u>Woolsey Petro. Corp.</u>	Zone Tested <u>Snyderville</u>	
Address <u>125 N. Market, Ste 1000, Wichita, Ks. 67202-1225</u>		Elevation <u>1819</u> KB <u>1811</u> GL
Co. Rep / Geo. <u>Michael K. Maune</u>	Cont. <u>Duke #2</u>	Est. Ft. of Pay <u>20</u> Por. <u>18</u> %
Location: Sec. <u>33</u>	Twp. <u>33</u>	Rge. <u>13</u> Co. <u>Baker</u> State <u>Ks.</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>4048 - 4086</u>	Initial Str Wt./Lbs. <u>43,000</u>	Unseated Str Wt./Lbs. <u>43,000</u>
Anchor Length <u>38</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>60,000</u>
Top Packer Depth <u>4043</u>	Tool Weight <u>1000</u>	
Bottom Packer Depth <u>4048</u>	Hole Size — 7 7/8" _____	Rubber Size — 6 3/4" _____
Total Depth <u>4086</u>	Wt. Pipe Run _____	Drill Collar Run _____
Mud Wt. <u>9.1</u> LCM _____ Vis. <u>47</u> WL <u>8</u>	Drill Pipe Size <u>4.5 X 11</u>	Ft. Run <u>4041</u>

Blow Description IF - Strong - b.o.b. in 1 min - GTS in 20 min.
ISI - Bled off blow - no blow back
EF - Strong - b.o.b. in 15 sec
ESI - Bled off blow - no blow back

Recovery — Total Feet <u>75</u>	GIP <u>GTS</u>	Ft. in DC _____	Ft. in DP <u>75</u>
Rec. <u>75</u> Feet Of <u>Thin 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 112 °F Gravity _____ °API D@ _____ °F Corrected Gravity 0 °API _____
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 7800 ppm System _____

(A) Initial Hydrostatic Mud <u>1956</u> <u>1955</u> PSI	Recorder No. <u>2350</u>	T-Started <u>01:15</u>
(B) First Initial Flow Pressure <u>29</u> <u>17</u> PSI	(depth) <u>4055</u>	T-Open <u>03:15</u>
(C) First Final Flow Pressure <u>49</u> <u>61</u> PSI	Recorder No. <u>13754</u>	T-Pulled <u>09:45</u>
(D) Initial Shut-in Pressure <u>1266</u> <u>1261</u> PSI	(depth) <u>4083</u>	T-Out <u>11:15</u>
(E) Second Initial Flow Pressure <u>68</u> <u>64</u> PSI	Recorder No. _____	
(F) Second Final Flow Pressure <u>88</u> <u>102</u> PSI	(depth) _____	
(G) Final Shut-in Pressure <u>1266</u> <u>1277</u> PSI	Initial Opening <u>30</u>	Test _____
(H) Final Hydrostatic Mud <u>1886</u> <u>1903</u> PSI	Initial Shut-in <u>60</u>	Jars <u>X</u>
<u>AK-1</u> <u>Alpine</u>	Final Flow <u>60</u>	Safety Joint <u>X</u>
	Final Shut-in <u>240</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 Michael K. Maune
 Our Representative Dani Dangle

Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Elect. Rec. X
 Other _____
 TOTAL PRICE \$ _____

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petro. Corp.

DATE 9-20-99

WELL NAME: Spriggs B #4

KB 1819.00 ft

TICKET NO: 11128

DST #2

LOCATION : 33-33s-13w-Barber-Ks

GR 1811.00 ft

FORMATION: Douglas

INTERVAL : 4128.00 To 4145.00 ft

TD 4145.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	2350			PF Fr. 0036 to 0106 hr
SI 60 Range (Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 0106 to 0206 hr
SF 60 Clock (hrs)	12	12	elect			SF Fr. 0206 to 0306 hr
FS 240 Depth (ft)	4142.0	4142.0	4142.0	0.0	0.0	FS Fr. 0306 to 0706 hr

	Field	1	2	3	4	
A. Init Hydro	1956.0	1980.0	1971.0	0.0	0.0	T STARTED 2218 hr
B. First Flow	19.0	26.0	16.0	0.0	0.0	T ON BOTM 0034 hr
B1. Final Flow	19.0	12.0	16.0	0.0	0.0	T OPEN 0036 hr
C. In Shut-in	246.0	258.0	308.0	0.0	0.0	T PULLED 0706 hr
D. Init Flow	19.0	19.0	12.0	0.0	0.0	T OUT 0845 hr
E. Final Flow	19.0	14.0	22.0	0.0	0.0	
F. Fl Shut-in	1046.0	1042.0	1089.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1886.0	1880.0	1919.0	0.0	0.0	Tool Wt. 800.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 45000.00 lbs
						Initial Str Wt 43000.00 lbs
						Unseated Str Wt 43000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4132.00 ft

RECOVERY

Tot Fluid 15.00 ft of 0.00 ft in DC and 15.00 ft in DP
 90.00 ft of Gas in pipe
 15.00 ft of Drilling 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 building to 4 1/4"

Final Flow:
 Weak building to 4"

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	42.00 S/L
W.L.	10.60 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	114.00 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	Dan Bangle
Co. Rep.	Mikeal Maune
Contr.	Duke
Rig #	2
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Spriggs B #4

LOCATION : Sec33-33-13-Barber-Ks

WELL No. 11128 D.S.T. No. 2 DATE 9-20-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 17

TOTAL TOOL 45

WELL COLLAR ANCHOR IN INTERVAL

1. ANCHOR STAND.Stands Single Total

2. ANCHOR STAND.Stands Single Total

TOTAL ASSEMBLY 45

3. ABOVE TOOLS.Stands Single Total

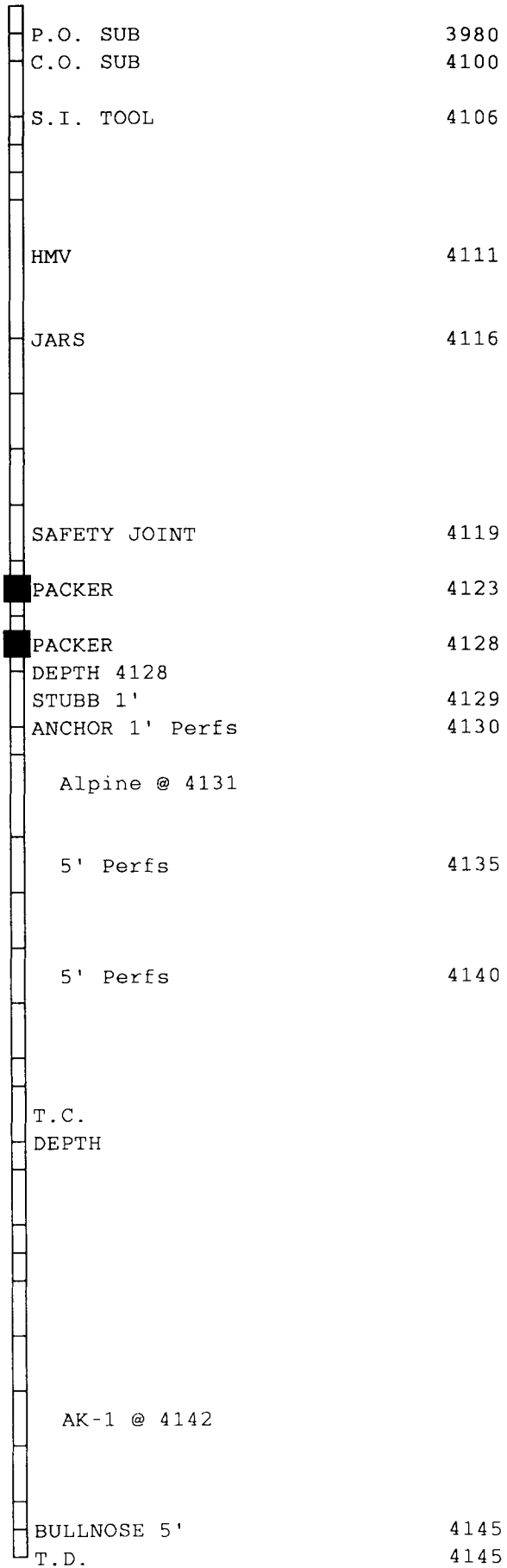
4. ABOVE TOOLS.Stands66 Single 1 Total 4132

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4177

TOTAL DEPTH 4145

TOTAL DRILL PIPE ABOVE K.B. 32

MARKS:



TEST HISTORY

Tk# 11128 DST# 2 Spriggs B #1 Woolsey Petro

Flag Points

t (Min.) P (PSIg)

A:	0.00	1971.20
B:	0.00	16.02
C:	29.00	15.94
D:	60.00	308.43
E:	0.00	12.24
F:	60.50	21.73
G:	240.00	1089.04
Q:	0.00	1919.42

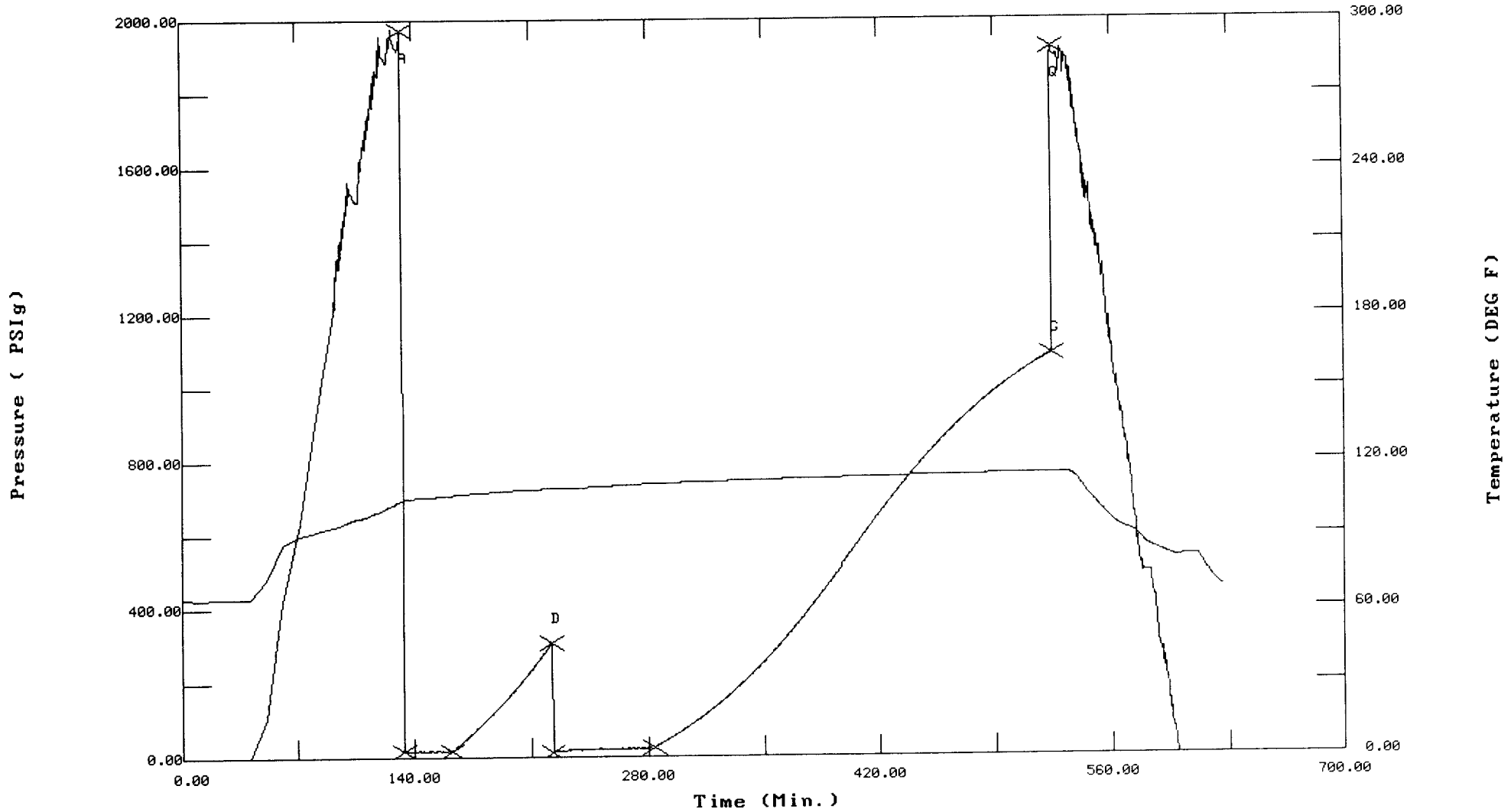
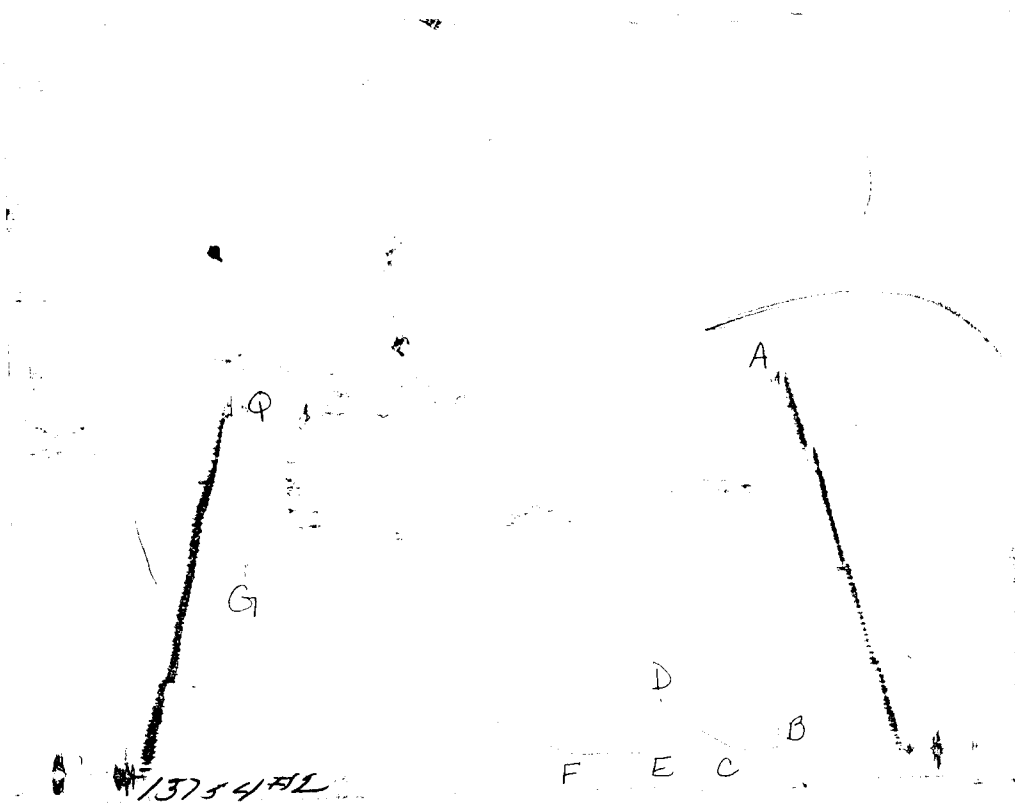


CHART PAGE



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 11128

Well Name & No. Spriggs B #4 Test No. 2 Date 9-20-99
 Company Woolsey Petro. Corp Zone Tested Douglas
 Address _____ Elevation 1819 KB 1811 GL
 Co. Rep / Geo. Michael Maune Cont. Duke #2 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 33 Twp. 33 Rge. 13 Co. Barber State Ks
 No. of Copies 5 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4128 - 4145 Initial Str Wt./Lbs. 43000 Unseated Str Wt./Lbs. 43000
 Anchor Length 17 Wt. Set Lbs. 29000 Wt. Pulled Loose/Lbs. 45000
 Top Packer Depth 4123 Tool Weight 800
 Bottom Packer Depth 4128 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 4145 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.1 LCM _____ Vis. 42 WL 10.6 Drill Pipe Size 4.5 XH Ft. Run 4132
 Blow Description I.F. Weak - building to 4 1/4"
I.F. Weak - building to 4"

Recovery -- Total Feet	GIP	Ft. in DC	Ft. in DP
<u>15</u>	<u>90</u>		<u>15</u>
Rec. <u>15</u> Feet Of <u>D.M.</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 114 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5,000 ppm System

(A) Initial Hydrostatic Mud	<u>1956</u> <u>1971</u> PSI	Recorder No. <u>2350</u>	T-Started <u>22:18</u>
(B) First Initial Flow Pressure	<u>19</u> <u>16</u> PSI	(depth) <u>4131</u>	T-Open <u>00:36</u>
(C) First Final Flow Pressure	<u>19</u> <u>16</u> PSI	Recorder No. <u>13754</u>	T-Pulled <u>07:06</u>
(D) Initial Shut-in Pressure	<u>246</u> <u>308</u> PSI	(depth) <u>4142</u>	T-Out <u>08:45</u>
(E) Second Initial Flow Pressure	<u>19</u> <u>12</u> PSI	Recorder No. _____	
(F) Second Final Flow Pressure	<u>19</u> <u>22</u> PSI	(depth) _____	
(G) Final Shut-in Pressure	<u>1046</u> <u>1089</u> PSI	Initial Opening <u>30</u>	Test _____
(H) Final Hydrostatic Mud	<u>1886</u> <u>1919</u> PSI	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>
	<u>AK-1</u> <u>Alpine</u>	Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/>
		Final Shut-in <u>240</u>	Straddle _____

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Approved By Michael K. Maune
 Our Representative Dan Bangle

Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Elect. Rec.
 Other _____
 TOTAL PRICE \$ _____