

Computer inventoried

15-169-20315

**WELL NAME:** Marylyn Johnson #1  
**COMPANY:** Bonneville Fuels Corp  
**LOCATION:** 4-16S-3W  
Saline County Kansas  
**DATE:** 06/20/97

**ORIGINAL**

TRILOBITE TESTING L.L.C.

OPERATOR : Bonneville Fuels Corp  
 WELL NAME: Marylyn Johnson #1  
 LOCATION : 4-16S-3W  
 INTERVAL : 3277.00 To 3293.00 ft

DATE 6/15/97  
 KB 1295.00 ft TICKET NO: 10023 DST #1  
 GR 1290.00 ft FORMATION: Maquoketa DOL  
 TD 3293.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	10991	10991	10332			PF Fr. 0230 to 0245 hr
SI 30 Range(Psi )	4200.0	4200.0	4025.0	0.0	0.0	IS Fr. 0245 to 0315 hr
SF 60 Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 0315 to 0415 hr
FS 120 Depth(ft )	3290.0	3290.0	3283.0	0.0	0.0	FS Fr. 0415 to 0615 hr

	Field	1	2	3	4	
A. Init Hydro	1565.0	1628.0	0.0	0.0	0.0	T STARTED 0130 hr
B. First Flow	21.0	37.0	0.0	0.0	0.0	T ON BOTM 0220 hr
B1. Final Flow	21.0	35.0	0.0	0.0	0.0	T OPEN 0230 hr
C. In Shut-in	853.0	878.0	0.0	0.0	0.0	T PULLED 0615 hr
D. Init Flow	21.0	36.0	0.0	0.0	0.0	T OUT 0815 hr
E. Final Flow	21.0	36.0	0.0	0.0	0.0	
F. Fl Shut-in	938.0	963.0	0.0	0.0	0.0	
G. Final Hydro	1555.0	1539.0	0.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----  
 Tool Wt. 2100.00 lbs  
 Wt Set On Packer 21000.00 lbs  
 Wt Pulled Loose 60000.00 lbs  
 Initial Str Wt 42000.00 lbs  
 Unseated Str Wt 42000.00 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 30.00 ft  
 D.P. Length 3233.00 ft

RECOVERY

Tot Fluid 15.00 ft of 15.00 ft in DC and 0.00 ft in DP  
 10.00 ft of Heavy Oil Cut Mud  
 0.00 ft of 20%oil 80%mud  
 5.00 ft of Free Oil  
 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 9.20 lb/cf  
 Vis. 45.00 S/L  
 W.L. 9.60 in3  
 F.C. 0.00 in  
 Mud Drop  
 Amt. of fill 0.00 ft  
 Btm. H. Temp. 112.00 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. Ron Nelson  
 Contr. White & Ellis  
 Rig # 8  
 Unit #  
 Pump T.

BLOW DESCRIPTION

Initial Flow:  
 Weak blow built to 1/2" in water

Initial Shut In:  
 Slight blow back

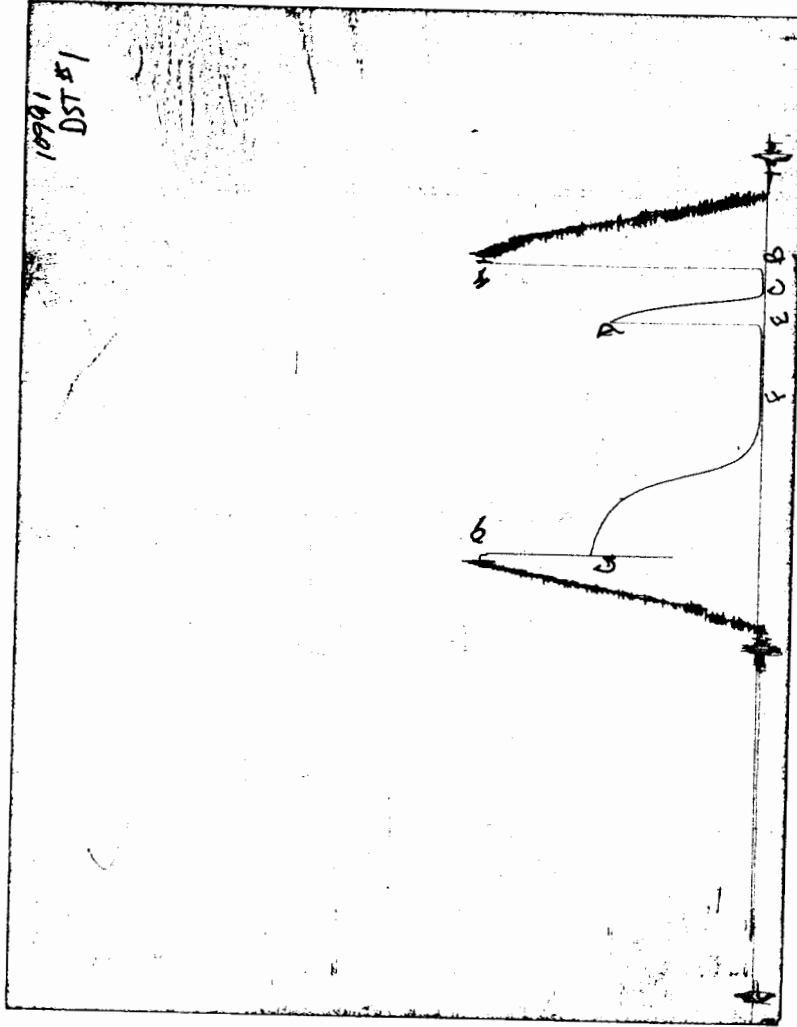
Final Flow:  
 No blow

Final Shut In:  
 No blow back

SAMPLES:  
 SENT TO:

Test Successful: Y

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<sup>o</sup> 10023

Well Name & No. <u>Marylyn Johnson #1</u>	Test No. <u>#1</u>	Date <u>6/15/97</u>
Company <u>Banneville Fuels Corp.</u>	Zone Tested <u>Mequoketa Dol.</u>	
Address <u>1660 Lincoln - Suite 1800 Denver, Co.</u>	<u>80264</u>	Elevation <u>1295'</u> KB <u>1290'</u> GL
Co. Rep / Geo. <u>Ron Nelson</u>	Cont. <u>White &amp; Ellis #8</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>4</u>	Twp. <u>16 S</u>	Rge. <u>3 W</u> Co. <u>Saline</u> State <u>Ks</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>3277' - 3293'</u>	Initial Str Wt/Lbs. <u>42000</u>	Unseated Str Wt/Lbs. <u>42000</u>
Anchor Length <u>16'</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>60,000</u>
Top Packer Depth <u>3272'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>3277'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>3293'</u>	Wt. Pipe Run _____	Drill Collar Run <u>30'</u>
Mud Wt. <u>9.2</u> LCMO <sup>#</sup> Vis. <u>72</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3233'</u>
Blow Description <u>TF: (Weak Blow Built to 1/2 in. in H2O bucket)</u>		
<u>TST: slight blow back</u>		
<u>FF: No blow.</u>		
<u>EST: No Blow Back</u>		

Recovery — Total Feet	GIP	Ft. in DC <u>15'</u>	Ft. in DP				
Rec. <u>10'</u>	Feet Of <u>HOCM</u>	%gas <u>20</u>	%oil	%water <u>80</u>	%mud		
Rec. <u>5'</u>	Feet Of <u>Fine Oil</u>	%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 \_\_\_\_\_ °API

RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 1500 ppm System

(A) Initial Hydrostatic Mud <u>1565</u> PSI	Recorder No. <u>10332</u>	T-Started <u>1:30</u>
(B) First Initial Flow Pressure <u>21</u> PSI	(depth) <u>3283'</u>	T-Open <u>2:30</u>
(C) First Final Flow Pressure <u>21</u> PSI	Recorder No. <u>10991</u>	T-Pulled <u>6:15</u>
(D) Initial Shut-in Pressure <u>853</u> PSI	(depth) <u>3290'</u>	T-Out <u>8:15</u>
(E) Second Initial Flow Pressure <u>21</u> PSI	Recorder No. _____	
(F) Second Final Flow Pressure <u>21</u> PSI	(depth) _____	
(G) Final Shut-in Pressure <u>938</u> PSI	Initial Opening <u>15</u>	Test <input checked="" type="checkbox"/>
(H) Final Hydrostatic Mud <u>1555</u> PSI	Initial Shut-in <u>30</u>	Jars _____
	Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/>
	Final Shut-in <u>120</u>	Straddle _____
		Circ. Sub _____
		Sampler _____
		Extra Packer _____
		Elect. Rec. _____
		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 Ron Nelson

TRILOBITE TESTING L.L.C.

OPERATOR : Bonneville Fuels Corp  
 WELL NAME: Marylyn Johnson #1  
 LOCATION : 4-16S-3W Saline KS  
 INTERVAL : 3347.00 To 3360.00 ft

DATE 6/15/97  
 KB 1295.00 ft TICKET NO: 10024 DST #2  
 GR 1290.00 ft FORMATION: Viola  
 TD 3360.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 15	Rec.	10991	10991	10332			PF Fr. 0630 to 0645 hr
SI 30	Range(Psi )	4200.0	4200.0	4025.0	0.0	0.0	IS Fr. 0645 to 0715 hr
SF 60	Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 0715 to 0815 hr
FS 120	Depth(ft )	3357.0	3357.0	3353.0	0.0	0.0	FS Fr. 0815 to 1015 hr

	Field	1	2	3	4	
A. Init Hydro	1610.0	1726.0	0.0	0.0	0.0	T STARTED 0530 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 0620 hr
B1. Final Flow	0.0	213.0	0.0	0.0	0.0	T OPEN 0630 hr
C. In Shut-in	1135.0	1230.0	0.0	0.0	0.0	T PULLED 1015 hr
D. Init Flow	71.0	93.0	0.0	0.0	0.0	T OUT 1130 hr
E. Final Flow	223.0	252.0	0.0	0.0	0.0	
F. Fl Shut-in	1115.0	1188.0	0.0	0.0	0.0	
G. Final Hydro	1610.0	1656.0	0.0	0.0	0.0	TOOL DATA-----
Inside/Outside	0	0	I			Tool Wt. 2100.00 lbs

RECOVERY

Tot Fluid 500.00 ft of 40.00 ft in DC and 460.00 ft in DP  
 25.00 ft of Free Oil  
 0.00 ft of  
 350.00 ft of Slightly Oily Mud Cut Water  
 0.00 ft of 2%oil 40%mud 88%water  
 125.00 ft of Heavy Mud Cut Water  
 0.00 ft of 40%mud 60%water  
 0.00 ft of  
 0.00 ft of RW .2 @ 70F  
 SALINITY 40000.00 P.P.M. A.P.I. Gravity 38.00

Wt Set On Packer 20000.00 lbs  
 Wt Pulled Loose 65000.00 lbs  
 Initial Str Wt 42000.00 lbs  
 Unseated Str Wt 43000.00 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 30.00 ft  
 D.P. Length 3297.00 ft

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/cf
Vis.	40.00 S/L
W.L.	10.60 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	138.00 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.	Ron Nelson
Contr.	White & Ellis
Rig #	8
Unit #	
Pump T.	

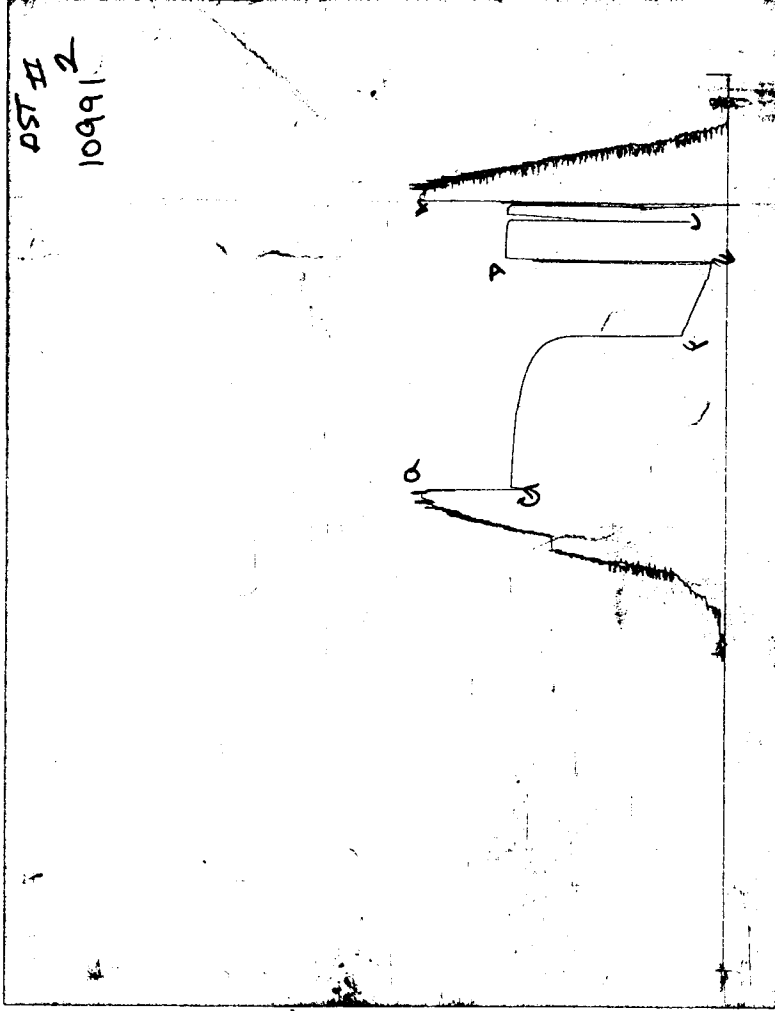
BLOW DESCRIPTION

Initial Flow:  
 Fair blow, built ot 4" in Water  
 Initial Shut In:  
 Bled down for 10 mins no blow back  
 Final Flow:  
 Fair blow, bottom of bucket in 12 mins  
 Final Shut In:  
 Bled down for 10 Mins, built to 3" in water

SAMPLES:  
 SENT TO:

Test Successful: Y

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 10024

Well Name & No.	<u>Marilyn Johnson #1</u>	Test No.	<u>#2</u>	Date	<u>6/15/97</u>				
Company	<u>Bonneville Fuels, Corp.</u>	Zone Tested	<u>Viola</u>						
Address	<u>1660 Lincoln - Suite 1800 Denver, CO 80264</u>		Elevation	<u>1295</u>	KB <u>6290</u> GL				
Co. Rep / Geo.	<u>Ron Nelson</u>	Cont.	<u>White &amp; Ellis #5</u>	Est. Ft. of Pay	Por. %				
Location: Sec.	<u>4</u>	Twp.	<u>16<sup>S</sup></u>	Rge.	<u>3<sup>W</sup></u>	Co.	<u>Saline</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>3347' - 3360'</u>	Initial Str Wt./Lbs.	<u>42000</u>	Unseated Str Wt./Lbs.	<u>43000</u>
Anchor Length	<u>13'</u>	Wt. Set Lbs.	<u>20000</u>	Wt. Pulled Loose/Lbs.	<u>65000</u>
Top Packer Depth	<u>3342'</u>	Tool Weight	<u>2100</u>		
Bottom Packer Depth	<u>3347'</u>	Hole Size — 7 7/8"	<u>✓</u>	Rubber Size — 6 3/4"	<u>✓</u>
Total Depth	<u>3360'</u>	Wt. Pipe Run	<u>—</u>	Drill Collar Run	<u>30'</u>
Mud Wt.	<u>9.3</u> LCM <u>0#</u> Vis. <u>40</u> WL <u>10.6</u>	Drill Pipe Size	<u>4 1/2 X H</u>	Ft. Run	<u>3297'</u>

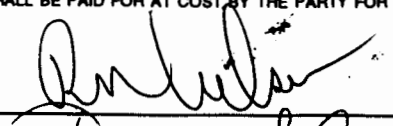
Blow Description TF: Fair blow. Built to 4" in H<sub>2</sub>O bucket.  
IST: Bled down for 10 mins. No B.P.  
FF: Fair blow. Built to bottom of the bucket in 12 mins.  
FST: Bled down for 10 mins. Built back to 3 in. in H<sub>2</sub>O bucket.

Recovery — Total Feet	<u>500'</u>	GIP	<u>60'</u>	Ft. in DC	<u>40</u>	Ft. in DP	<u>460'</u>				
Rec.	<u>25'</u>	Feet Of	<u>Free oil</u>	%gas	<u>100</u>	%oil	<u>—</u>	%water	<u>—</u>	%mud	<u>—</u>
Rec.	<u>350</u>	Feet Of	<u>MC Oily water</u>	%gas	<u>2</u>	%oil	<u>88</u>	%water	<u>10</u>	%mud	<u>—</u>
Rec.	<u>125</u>	Feet Of	<u>HMCW</u>	%gas	<u>—</u>	%oil	<u>60</u>	%water	<u>40</u>	%mud	<u>—</u>
Rec.		Feet Of		%gas		%oil		%water		%mud	
Rec.		Feet Of		%gas		%oil		%water		%mud	

BHT 138° °F Gravity 38 °API @ 80 °F Corrected Gravity \_\_\_\_\_ °API  
RW .2 @ 70 °F Chlorides 40,000 ppm Recovery Chlorides 1200 ppm System

(A) Initial Hydrostatic Mud	<u>1610</u> PSI	Recorder No.	<u>10332</u>	T-Started	<u>5:30</u>
(B) First Initial Flow Pressure	_____ PSI	(depth)	<u>3353'</u>	T-Open	<u>6:30</u>
(C) First Final Flow Pressure	_____ PSI	Recorder No.	<u>10991</u>	T-Pulled	<u>10:15</u>
(D) Initial Shut-in Pressure	<u>1135</u> PSI	(depth)	<u>3357'</u>	T-Out	<u>11:50</u>
(E) Second Initial Flow Pressure	<u>71</u> PSI	Recorder No.	_____		
(F) Second Final Flow Pressure	<u>223</u> PSI	(depth)	_____		
(G) Final Shut-in Pressure	<u>1115</u> PSI	Initial Opening	<u>15"</u>	Test	<u>✓</u>
(H) Final Hydrostatic Mud	<u>1610</u> PSI	Initial Shut-in	<u>30</u>	Jars	_____
		Final Flow	<u>60</u>	Safety Joint	<u>✓</u>
		Final Shut-in	<u>120</u>	Straddle	_____
				Circ. Sub	_____
				Sampler	_____
				Extra Packer	_____
				Elect. Rec.	_____
				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 

TRILOBITE TESTING L.L.C.

OPERATOR : Bonneville Fuels, Corp.  
 WELL NAME: Marylyn Johanson #1  
 LOCATION : Sec.4 Twp.16s Rge.3w  
 INTERVAL : 3462.00 To 3495.00 ft

DATE 6/17/97  
 KB 1295.00 ft TICKET NO: 10024 DST #3  
 GR 1290.00 ft FORMATION: Simpson sand  
 TD 3560.00 ft TEST TYPE: CONV/STRAD

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15	Rec.	13849	13849	2350	10991	PF Fr. 1438 to 1453 hr
SI 30	Range(Psi )	4375.0	4375.0	4995.0	4200.0	0.0 IS Fr. 1453 to 1523 hr
SF 45	Clock(hrs)	12hr.	12hr.	Elec	12hr.	SF Fr. 1523 to 1613 hr
FS 90	Depth(ft )	3503.0	3503.0	3473.0	3557.0	0.0 FS Fr. 1613 to 1738 hr

	Field	1	2	3	4	
A. Init Hydro	1733.0	1815.0	1714.0	1776.0	0.0	T STARTED 1249 hr
B. First Flow	66.0	88.0	73.0	0.0	0.0	T ON BOTM 1435 hr
B1. Final Flow	379.0	400.0	359.0	0.0	0.0	T OPEN 1438 hr
C. In Shut-in	1438.0	1470.0	1410.0	0.0	0.0	T PULLED 1738 hr
D. Init Flow	422.0	420.0	448.0	0.0	0.0	T OUT 2030 hr
E. Final Flow	1051.0	1151.0	1119.0	0.0	0.0	
F. Fl Shut-in	1427.0	1467.0	1411.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1797.0	1772.0	1705.0	1745.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	S		Wt Set On Packer 25000.00 lbs

RECOVERY

Tot Fluid 2640.00 ft of 30.00 ft in DC and 2610.00 ft in DP  
 120.00 ft of Watery Mud  
 0.00 ft of 2%water 98%mud  
 2400.00 ft of Salt Water  
 0.00 ft of  
 120.00 ft of Drilling Mud  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 SALINITY 60000.00 P.P.M. A.P.I. Gravity 0.00

Initial Str Wt	47000.00 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	30.00 ft
D.P. Length	3484.00 ft

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/cf
Vis.	60.00 S/L
W.L.	9.60 in3
F.C.	0.32 in
Mud Drop N	

BLOW DESCRIPTION

Initial Flow:  
 Strong blow, bottom of bucket in 4 min

Initial Shut In:  
 Bled down, Weak blow back

Final Flow:  
 Strong blow, bottom of bucket in 75sec

Final Shut In:  
 No blow back

Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00
Cushion Type	
Reversed Out Y	
Tool Chased N	
Tester	Darren Amerine
Co. Rep.	Ron Nelson
Contr.	White & Ellis
Rig #	8
Unit #	
Pump T.	

SAMPLES:  
 SENT TO:

Test Successful: Y

\*\*\* TOOL DIAGRAM \*\*\* CONV/STRAD

WELL NAME: Marylyn Johanson #1

LOCATION : Sec.4 Twp.16s Rge.3w

TICKET No. 10024 D.S.T. No. 3 DATE 6/17/97

TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 27'

INTERVAL TOOL ..... 10'

BOTTOM PACKERS AND ANCHOR ..... 33'

TOTAL TOOL ..... 70'

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single Total 60'

TOTAL ASSEMBLY ..... 130'

D.C. ABOVE TOOLS.Stands Single 1 Total 30'

D.P. ABOVE TOOLS.Stands56 Single 1 Total 3424

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3584'

TOTAL DEPTH ..... 3560'

TOTAL DRILL PIPE ABOVE K.B. .... 24'

REMARKS:

Fluid reversed out at 19 stands out.

P.O. SUB	
C.O. SUB Top of tool@	3439'
S.I. TOOL	3444'
HMV	3449'
JARS	3451'
SAFETY JOINT	3453'
PACKER Top	3457'
PACKER Bottom	3462'
DEPTH	
STUBB 1'stubb to	3463'
ANCHOR 5'perfs to	3468'
Alpine rec.@	3473
22' of per	3490'
1'blank off	3491'
T.C.	
DEPTH	
PACKER 3495'	3495'
1'c/o	3496'
Ak-1 Rec @ 3503	
60' drill pipe to	3556'
	3556'
ak-1 rec.@ 3557'	
1'c/o	3557'
BULLNOSE 3'bullnose to	3560'
T.D.	

-----  
 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TK#10025 Marylyn-Johnson #1 DST#3 Bonneville Fuels, Corp.

DATE: 06/17/97

TIME: 12:50:25  
 -----

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
***** Initial Hydro.	105.00	1714.7	0.0	105.28		
***** Start Flow 1	0.00	72.5	0.0	105.29		
	0.50	94.2	21.7	105.33		
	1.00	115.0	42.5	105.36		
	1.50	137.1	64.6	105.38		
	2.00	131.8	59.3	105.40		
	2.50	140.6	68.1	105.43		
	3.00	164.1	91.6	105.44		
	3.50	161.2	88.7	105.47		
	4.00	175.0	102.5	105.51		
	4.50	161.0	88.5	105.59		
	5.00	183.8	111.3	105.70		
	5.50	224.7	152.2	105.84		
	6.00	245.1	172.6	105.99		
	6.50	256.4	183.9	106.15		
	7.00	222.6	150.1	106.33		
	7.50	285.7	213.2	106.51		
	8.00	228.1	155.6	106.70		
	8.50	314.6	242.0	106.91		
	9.00	316.1	243.6	107.18		
	9.50	331.8	259.3	107.55		
	10.00	340.2	267.6	108.03		
	10.50	331.7	259.2	108.59		
	11.00	365.9	293.4	109.17		
	11.50	371.7	299.2	109.78		
	12.00	384.1	311.6	110.38		
	12.50	396.0	323.5	110.95		
	13.00	393.2	320.7	111.49		
***** End Flow 1	13.50	359.4	286.9	111.99		
***** Start Shutin 1	0.00	359.4	0.0	111.99	0.0000	0.129
	0.50	1420.0	1060.6	112.46	28.0000	2.016
	1.00	1414.6	1055.2	112.87	14.5000	2.001
	1.50	1408.1	1048.8	113.24	10.0000	1.983
	2.00	1408.6	1049.3	113.58	7.7500	1.984
	2.50	1408.9	1049.5	113.87	6.4000	1.985
	3.00	1409.1	1049.8	114.11	5.5000	1.986
	3.50	1409.6	1050.2	114.31	4.8571	1.987
	4.00	1409.6	1050.3	114.50	4.3750	1.987
	4.50	1409.9	1050.5	114.65	4.0000	1.988
	5.00	1410.1	1050.7	114.75	3.7000	1.988
	5.50	1410.2	1050.9	114.85	3.4545	1.989
	6.00	1410.4	1051.1	114.92	3.2500	1.989
	6.50	1410.5	1051.2	114.99	3.0769	1.990
	7.00	1410.5	1051.2	115.04	2.9286	1.990
	7.50	1410.7	1051.3	115.09	2.8000	1.990
	8.00	1410.8	1051.4	115.12	2.6875	1.990
	8.50	1410.8	1051.4	115.16	2.5882	1.990
	9.00	1410.8	1051.4	115.18	2.5000	1.990
	9.50	1410.9	1051.5	115.18	2.4211	1.991
	10.00	1410.9	1051.5	115.19	2.3500	1.991
	10.50	1410.9	1051.6	115.21	2.2857	1.991

-----  
 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING  
 TEST: TK#10025 Marylyn-Johnson #1 DST#3 Bonneville Fuels, Corp.  
 DATE: 06/17/97 TIME: 12:50:25  
 -----

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	11.00	1410.9	1051.6	115.22	2.2273	1.991
	11.50	1411.0	1051.7	115.22	2.1739	1.991
	12.00	1411.0	1051.7	115.23	2.1250	1.991
	12.50	1410.9	1051.6	115.22	2.0800	1.991
	13.00	1410.9	1051.6	115.23	2.0385	1.991
	13.50	1410.9	1051.6	115.22	2.0000	1.991
	14.00	1410.9	1051.6	115.22	1.9643	1.991
	14.50	1411.1	1051.7	115.22	1.9310	1.991
	15.00	1411.1	1051.7	115.22	1.9000	1.991
	15.50	1411.0	1051.7	115.21	1.8710	1.991
	16.00	1410.9	1051.5	115.20	1.8438	1.991
	16.50	1411.0	1051.6	115.18	1.8182	1.991
	17.00	1411.1	1051.7	115.17	1.7941	1.991
	17.50	1411.1	1051.7	115.16	1.7714	1.991
	18.00	1411.1	1051.7	115.15	1.7500	1.991
	18.50	1411.1	1051.7	115.13	1.7297	1.991
	19.00	1411.0	1051.7	115.12	1.7105	1.991
	19.50	1411.0	1051.7	115.12	1.6923	1.991
	20.00	1411.0	1051.7	115.10	1.6750	1.991
	20.50	1411.0	1051.7	115.09	1.6585	1.991
	21.00	1411.2	1051.8	115.09	1.6429	1.991
	21.50	1411.0	1051.7	115.07	1.6279	1.991
	22.00	1411.0	1051.7	115.07	1.6136	1.991
	22.50	1411.0	1051.7	115.05	1.6000	1.991
	23.00	1411.0	1051.7	115.04	1.5870	1.991
	23.50	1411.0	1051.7	115.03	1.5745	1.991
	24.00	1411.0	1051.7	115.02	1.5625	1.991
	24.50	1411.0	1051.7	115.01	1.5510	1.991
	25.00	1411.0	1051.7	115.01	1.5400	1.991
	25.50	1411.0	1051.7	115.00	1.5294	1.991
	26.00	1411.0	1051.7	114.99	1.5192	1.991
	26.50	1411.0	1051.7	114.98	1.5094	1.991
	27.00	1411.0	1051.7	114.98	1.5000	1.991
	27.50	1411.0	1051.7	114.97	1.4909	1.991
	28.00	1411.0	1051.7	114.97	1.4821	1.991
	28.50	1411.0	1051.7	114.96	1.4737	1.991
	29.00	1411.1	1051.7	114.94	1.4655	1.991
	29.50	1411.0	1051.7	114.92	1.4576	1.991
	30.00	1411.0	1051.7	114.92	1.4500	1.991
***** End Shut-in 1	30.50	1410.8	1051.4	114.91	1.4426	1.990
***** Start Flow 2	0.00	447.7	0.0	114.88		
	0.50	455.7	8.1	114.84		
	1.00	466.6	19.0	114.83		
	1.50	477.4	29.7	114.80		
	2.00	488.0	40.4	114.82		
	2.50	501.9	54.2	114.84		
	3.00	519.4	71.8	114.91		
	3.50	527.1	79.5	114.98		
	4.00	505.3	57.7	115.06		
	4.50	518.0	70.3	115.16		
	5.00	555.3	107.7	115.27		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TK#10025 Marylyn-Johnson #1 DST#3 Bonneville Fuels, Corp.

DATE: 06/17/97 TIME: 12:50:25

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
5.50	559.5	111.8	115.38		
6.00	574.5	126.8	115.50		
6.50	587.3	139.7	115.62		
7.00	597.8	150.1	115.73		
7.50	609.2	161.6	115.84		
8.00	602.3	154.6	115.95		
8.50	630.2	182.5	116.05		
9.00	638.3	190.7	116.15		
9.50	651.4	203.7	116.23		
10.00	657.8	210.2	116.31		
10.50	668.9	221.2	116.40		
11.00	672.2	224.5	116.47		
11.50	694.3	246.7	116.54		
12.00	694.3	246.7	116.59		
12.50	706.7	259.1	116.65		
13.00	709.0	261.4	116.70		
13.50	727.9	280.2	116.75		
14.00	730.4	282.8	116.79		
14.50	719.6	271.9	116.83		
15.00	746.0	298.4	116.87		
15.50	752.2	304.5	116.90		
16.00	758.2	310.5	116.92		
16.50	739.0	291.3	116.94		
17.00	764.7	317.0	116.95		
17.50	772.5	324.8	116.96		
18.00	785.4	337.7	116.97		
18.50	792.9	345.2	116.97		
19.00	800.3	352.7	116.97		
19.50	807.5	359.9	116.98		
20.00	815.8	368.1	116.99		
20.50	825.0	377.3	116.98		
21.00	836.7	389.0	117.00		
21.50	844.7	397.1	117.00		
22.00	832.7	385.1	117.00		
22.50	835.8	388.2	117.00		
23.00	856.3	408.6	117.00		
23.50	868.6	420.9	116.99		
24.00	875.9	428.2	117.00		
24.50	883.2	435.5	117.00		
25.00	890.7	443.1	116.99		
25.50	898.5	450.9	116.99		
26.00	906.2	458.6	116.99		
26.50	915.4	467.7	116.98		
27.00	916.3	468.7	116.98		
27.50	933.6	485.9	116.96		
28.00	940.3	492.7	116.97		
28.50	948.7	501.0	116.97		
29.00	955.8	508.1	116.96		
29.50	961.0	513.3	116.96		
30.00	967.8	520.2	116.95		
30.50	973.8	526.1	116.95		

-----  
 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING  
 TEST: TK#10025 Marylyn-Johnson #1 DST#3 Bonneville Fuels, Corp.  
 DATE: 06/17/97 TIME: 12:50:25  
 -----

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	31.00	981.5	533.9	116.95		
	31.50	988.7	541.0	116.94		
	32.00	995.5	547.8	116.93		
	32.50	1002.9	555.3	116.92		
	33.00	1009.5	561.8	116.92		
	33.50	1016.4	568.8	116.92		
	34.00	1022.6	574.9	116.91		
	34.50	1028.3	580.6	116.90		
	35.00	1034.7	587.1	116.90		
	35.50	1041.5	593.8	116.89		
	36.00	1048.2	600.6	116.89		
	36.50	1054.2	606.5	116.89		
	37.00	1060.3	612.7	116.88		
	37.50	1066.7	619.1	116.86		
	38.00	1072.8	625.1	116.86		
	38.50	1079.5	631.8	116.85		
	39.00	1085.3	637.6	116.85		
	39.50	1091.4	643.7	116.84		
	40.00	1096.9	649.3	116.83		
	40.50	1102.9	655.2	116.83		
	41.00	1108.8	661.2	116.81		
	41.50	1114.6	666.9	116.80		
<*****	End Flow 2	42.00	1119.2	671.5	116.80	
<*****	Start Shutin 2	0.00	1119.2	0.0	116.80	0.0000 1.253
		0.50	1409.9	290.7	116.81	112.0000 1.988
		1.00	1410.1	291.0	116.80	56.5000 1.989
		1.50	1410.2	291.1	116.79	38.0000 1.989
		2.00	1410.3	291.1	116.77	28.7500 1.989
		2.50	1410.4	291.2	116.77	23.2000 1.989
		3.00	1410.5	291.4	116.77	19.5000 1.990
		3.50	1410.6	291.4	116.77	16.8571 1.990
		4.00	1410.6	291.4	116.77	14.8750 1.990
		4.50	1410.6	291.4	116.78	13.3333 1.990
		5.00	1410.7	291.5	116.77	12.1000 1.990
		5.50	1410.7	291.5	116.76	11.0909 1.990
		6.00	1410.7	291.5	116.77	10.2500 1.990
		6.50	1410.8	291.6	116.76	9.5385 1.990
		7.00	1410.8	291.6	116.76	8.9286 1.990
		7.50	1410.8	291.6	116.75	8.4000 1.990
		8.00	1410.9	291.7	116.73	7.9375 1.991
		8.50	1410.9	291.7	116.74	7.5294 1.991
		9.00	1410.9	291.7	116.73	7.1667 1.991
		9.50	1410.9	291.7	116.72	6.8421 1.991
		10.00	1410.9	291.7	116.71	6.5500 1.991
		10.50	1410.9	291.7	116.72	6.2857 1.991
		11.00	1410.9	291.8	116.71	6.0455 1.991
		11.50	1410.9	291.8	116.70	5.8261 1.991
		12.00	1410.9	291.8	116.68	5.6250 1.991
		12.50	1410.9	291.8	116.67	5.4400 1.991
		13.00	1410.9	291.8	116.65	5.2692 1.991
		13.50	1410.9	291.8	116.66	5.1111 1.991

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TK#10025 Marylyn-Johnson #1 DST#3 Bonneville Fuels, Corp.

DATE: 06/17/97 TIME: 12:50:25

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
14.00	1411.0	291.9	116.64	4.9643	1.991
14.50	1411.0	291.9	116.64	4.8276	1.991
15.00	1411.0	291.9	116.64	4.7000	1.991
15.50	1411.0	291.9	116.62	4.5806	1.991
16.00	1411.0	291.9	116.63	4.4688	1.991
16.50	1411.0	291.9	116.62	4.3636	1.991
17.00	1411.0	291.9	116.61	4.2647	1.991
17.50	1411.0	291.9	116.60	4.1714	1.991
18.00	1411.1	291.9	116.59	4.0833	1.991
18.50	1411.1	291.9	116.57	4.0000	1.991
19.00	1411.1	291.9	116.55	3.9211	1.991
19.50	1411.1	291.9	116.53	3.8462	1.991
20.00	1411.1	291.9	116.52	3.7750	1.991
20.50	1411.1	291.9	116.51	3.7073	1.991
21.00	1411.2	292.0	116.49	3.6429	1.991
21.50	1411.2	292.0	116.48	3.5814	1.991
22.00	1411.2	292.0	116.46	3.5227	1.991
22.50	1411.2	292.0	116.45	3.4667	1.991
23.00	1411.2	292.0	116.43	3.4130	1.991
23.50	1411.2	292.0	116.42	3.3617	1.991
24.00	1411.1	291.9	116.41	3.3125	1.991
24.50	1411.1	291.9	116.40	3.2653	1.991
25.00	1411.1	291.9	116.39	3.2200	1.991
25.50	1411.1	291.9	116.37	3.1765	1.991
26.00	1411.1	291.9	116.36	3.1346	1.991
26.50	1411.2	292.1	116.34	3.0943	1.992
27.00	1411.2	292.0	116.34	3.0556	1.991
27.50	1411.2	292.0	116.32	3.0182	1.991
28.00	1411.2	292.0	116.32	2.9821	1.991
28.50	1411.2	292.0	116.30	2.9474	1.991
29.00	1411.2	292.0	116.29	2.9138	1.991
29.50	1411.2	292.0	116.27	2.8814	1.991
30.00	1411.3	292.2	116.26	2.8500	1.992
30.50	1411.2	292.1	116.25	2.8197	1.992
31.00	1411.2	292.0	116.24	2.7903	1.991
31.50	1411.2	292.0	116.23	2.7619	1.991
32.00	1411.2	292.0	116.22	2.7344	1.991
32.50	1411.2	292.0	116.20	2.7077	1.991
33.00	1411.3	292.1	116.19	2.6818	1.992
33.50	1411.3	292.1	116.18	2.6567	1.992
34.00	1411.3	292.1	116.17	2.6324	1.992
34.50	1411.4	292.2	116.16	2.6087	1.992
35.00	1411.3	292.1	116.15	2.5857	1.992
35.50	1411.3	292.1	116.14	2.5634	1.992
36.00	1411.2	292.0	116.13	2.5417	1.991
36.50	1411.2	292.0	116.12	2.5205	1.991
37.00	1411.2	292.0	116.11	2.5000	1.991
37.50	1411.2	292.0	116.10	2.4800	1.991
38.00	1411.2	292.0	116.09	2.4605	1.991
38.50	1411.2	292.0	116.07	2.4416	1.991
39.00	1411.2	292.0	116.07	2.4231	1.991

-----  
 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING  
 TEST: TK#10025 Marylyn-Johnson #1 DST#3 Bonneville Fuels, Corp.  
 DATE: 06/17/97 TIME: 12:50:25  
 -----

Time	Pressure PSI <sub>g</sub>	delta P PSI <sub>g</sub>	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
39.50	1411.3	292.1	116.05	2.4051	1.992
40.00	1411.3	292.1	116.04	2.3875	1.992
40.50	1411.3	292.1	116.03	2.3704	1.992
41.00	1411.3	292.1	116.01	2.3537	1.992
41.50	1411.3	292.1	116.01	2.3373	1.992
42.00	1411.3	292.1	116.00	2.3214	1.992
42.50	1411.3	292.1	115.99	2.3059	1.992
43.00	1411.3	292.1	115.98	2.2907	1.992
43.50	1411.3	292.1	115.97	2.2759	1.992
44.00	1411.3	292.1	115.96	2.2614	1.992
44.50	1411.3	292.1	115.95	2.2472	1.992
45.00	1411.3	292.1	115.93	2.2333	1.992
45.50	1411.3	292.1	115.94	2.2198	1.992
46.00	1411.3	292.1	115.91	2.2065	1.992
46.50	1411.4	292.2	115.91	2.1935	1.992
47.00	1411.4	292.2	115.87	2.1809	1.992
47.50	1411.4	292.2	115.90	2.1684	1.992
48.00	1411.4	292.3	115.87	2.1562	1.992
48.50	1411.2	292.1	115.84	2.1443	1.992
49.00	1411.2	292.0	115.87	2.1327	1.991
49.50	1411.3	292.1	115.84	2.1212	1.992
50.00	1411.3	292.1	115.86	2.1100	1.992
50.50	1411.3	292.1	115.83	2.0990	1.992
51.00	1411.3	292.1	115.84	2.0882	1.992
51.50	1411.3	292.1	115.83	2.0777	1.992
52.00	1411.3	292.1	115.85	2.0673	1.992
52.50	1411.3	292.1	115.83	2.0571	1.992
53.00	1411.3	292.1	115.85	2.0472	1.992
53.50	1411.3	292.1	115.82	2.0374	1.992
54.00	1411.3	292.1	115.82	2.0278	1.992
54.50	1411.3	292.1	115.80	2.0183	1.992
55.00	1411.3	292.1	115.82	2.0091	1.992
55.50	1411.3	292.1	115.78	2.0000	1.992
56.00	1411.3	292.1	115.79	1.9911	1.992
56.50	1411.3	292.1	115.76	1.9823	1.992
57.00	1411.3	292.1	115.75	1.9737	1.992
57.50	1411.3	292.1	115.74	1.9652	1.992
58.00	1411.3	292.1	115.72	1.9569	1.992
58.50	1411.3	292.1	115.71	1.9487	1.992
59.00	1411.3	292.1	115.70	1.9407	1.992
59.50	1411.3	292.1	115.69	1.9328	1.992
60.00	1411.3	292.1	115.68	1.9250	1.992
60.50	1411.3	292.1	115.67	1.9174	1.992
61.00	1411.3	292.1	115.66	1.9098	1.992
61.50	1411.3	292.1	115.65	1.9024	1.992
62.00	1411.3	292.1	115.64	1.8952	1.992
62.50	1411.3	292.1	115.63	1.8880	1.992
63.00	1411.3	292.1	115.62	1.8810	1.992
63.50	1411.3	292.1	115.61	1.8740	1.992
64.00	1411.3	292.1	115.60	1.8672	1.992
64.50	1411.3	292.1	115.59	1.8605	1.992

-----  
 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TK#10025 Marylyn-Johnson #1 DST#3 Bonneville Fuels, Corp.

DATE: 06/17/97

TIME: 12:50:25  
 -----

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
65.00	1411.3	292.1	115.59	1.8538	1.992
65.50	1411.3	292.1	115.58	1.8473	1.992
66.00	1411.3	292.1	115.57	1.8409	1.992
66.50	1411.3	292.1	115.56	1.8346	1.992
67.00	1411.3	292.1	115.55	1.8284	1.992
67.50	1411.3	292.1	115.55	1.8222	1.992
68.00	1411.3	292.1	115.54	1.8162	1.992
68.50	1411.3	292.1	115.53	1.8102	1.992
69.00	1411.3	292.1	115.52	1.8043	1.992
69.50	1411.3	292.1	115.52	1.7986	1.992
70.00	1411.3	292.1	115.52	1.7929	1.992
70.50	1411.3	292.1	115.51	1.7872	1.992
71.00	1411.3	292.1	115.50	1.7817	1.992
71.50	1411.3	292.1	115.49	1.7762	1.992
72.00	1411.3	292.1	115.49	1.7708	1.992
72.50	1411.3	292.1	115.49	1.7655	1.992
73.00	1411.3	292.1	115.48	1.7603	1.992
73.50	1411.3	292.1	115.48	1.7551	1.992
74.00	1411.3	292.1	115.47	1.7500	1.992
74.50	1411.3	292.1	115.46	1.7450	1.992
75.00	1411.3	292.1	115.46	1.7400	1.992
75.50	1411.2	292.0	115.45	1.7351	1.991
76.00	1411.2	292.0	115.45	1.7303	1.991
76.50	1411.2	292.0	115.44	1.7255	1.991
77.00	1411.3	292.1	115.44	1.7208	1.992
77.50	1411.3	292.1	115.43	1.7161	1.992
78.00	1411.3	292.1	115.42	1.7115	1.992
78.50	1411.3	292.1	115.42	1.7070	1.992
79.00	1411.4	292.2	115.42	1.7025	1.992
79.50	1411.4	292.2	115.42	1.6981	1.992
80.00	1411.3	292.1	115.41	1.6938	1.992
80.50	1411.3	292.1	115.41	1.6894	1.992
81.00	1411.3	292.1	115.41	1.6852	1.992
81.50	1411.2	292.0	115.40	1.6810	1.991
82.00	1411.2	292.0	115.39	1.6768	1.991
82.50	1411.3	292.1	115.39	1.6727	1.992
83.00	1411.3	292.1	115.38	1.6687	1.992
83.50	1411.3	292.1	115.38	1.6647	1.992
84.00	1411.3	292.1	115.37	1.6607	1.992
84.50	1411.3	292.1	115.36	1.6568	1.992
85.00	1411.3	292.1	115.36	1.6529	1.992
85.50	1411.3	292.1	115.35	1.6491	1.992
86.00	1411.3	292.1	115.36	1.6453	1.992
86.50	1411.3	292.1	115.35	1.6416	1.992
87.00	1411.3	292.1	115.35	1.6379	1.992
87.50	1411.3	292.1	115.34	1.6343	1.992
88.00	1411.3	292.1	115.34	1.6307	1.992
88.50	1411.3	292.1	115.34	1.6271	1.992
89.00	1411.3	292.1	115.33	1.6236	1.992
89.50	1411.3	292.1	115.32	1.6201	1.992
90.00	1411.3	292.1	115.33	1.6167	1.992

-----  
 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: TK#10025 Marylyn-Johnson #1 DST#3 Bonneville Fuels, Corp.

DATE: 06/17/97 TIME: 12:50:25  
 -----

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	90.50	1411.3	292.1	115.32	1.6133	1.992
	91.00	1411.3	292.1	115.31	1.6099	1.992
	91.50	1411.3	292.1	115.31	1.6066	1.992
	92.00	1411.3	292.1	115.31	1.6033	1.992
	92.50	1411.3	292.1	115.30	1.6000	1.992
	93.00	1411.3	292.1	115.29	1.5968	1.992
	93.50	1410.7	291.5	115.29	1.5936	1.990
***** End Shut-in 2	94.00	1411.2	292.1	115.29	1.5904	1.992
***** Final Hydro.	287.00	1704.6	0.0	115.28		

# TEST HISTORY

TK#10025 Marylyn-Johnson #1 DST#3 Bonneville Fuels, Corp.

## Flag Points

t (Min.)	P (PSig)
A: 0.00	1714.72
B: 0.00	72.51
C: 13.50	359.37
D: 30.50	1410.82
E: 0.00	447.66
F: 42.00	1119.17
G: 94.00	1411.24
Q: 0.00	1704.57

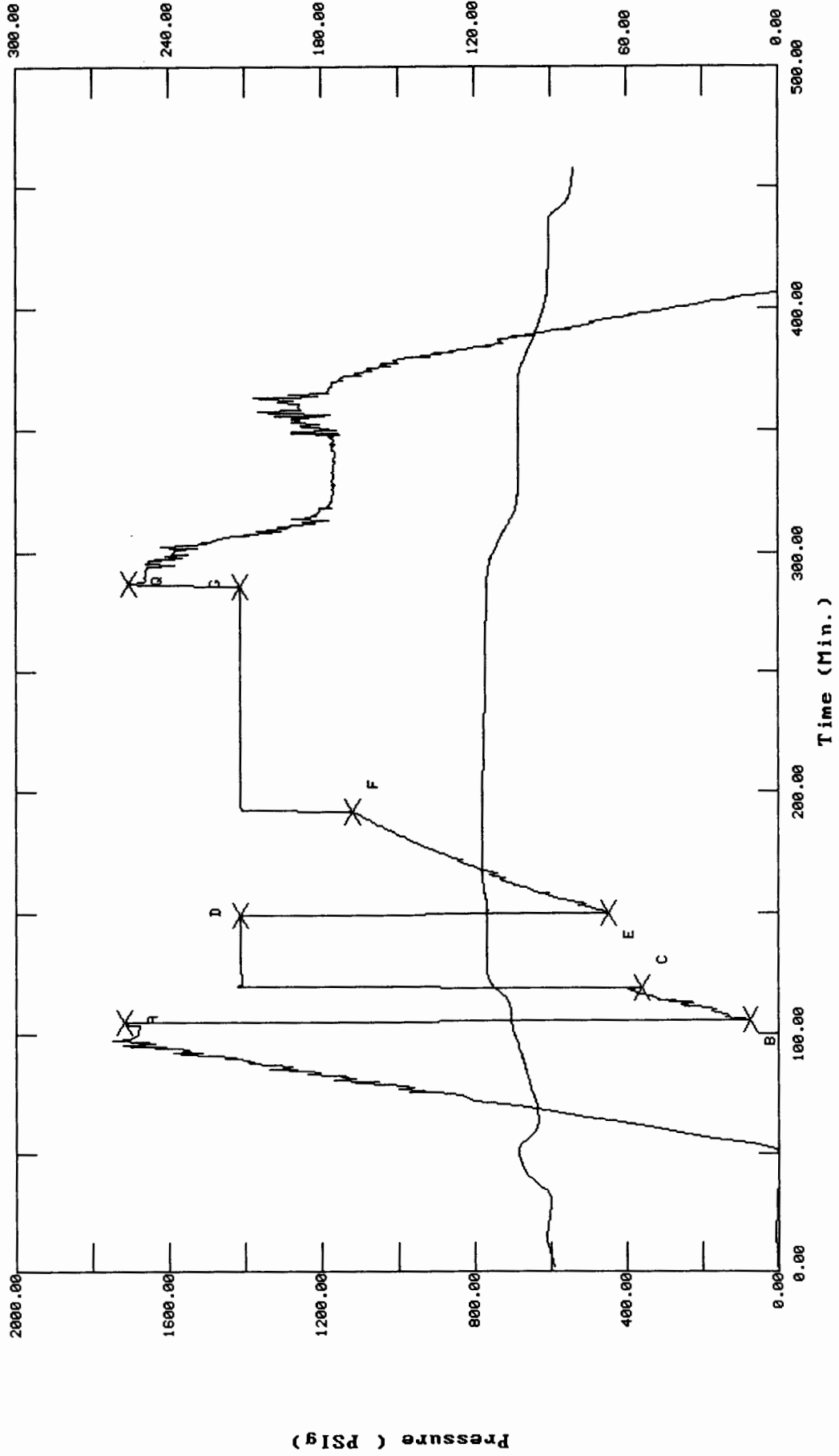
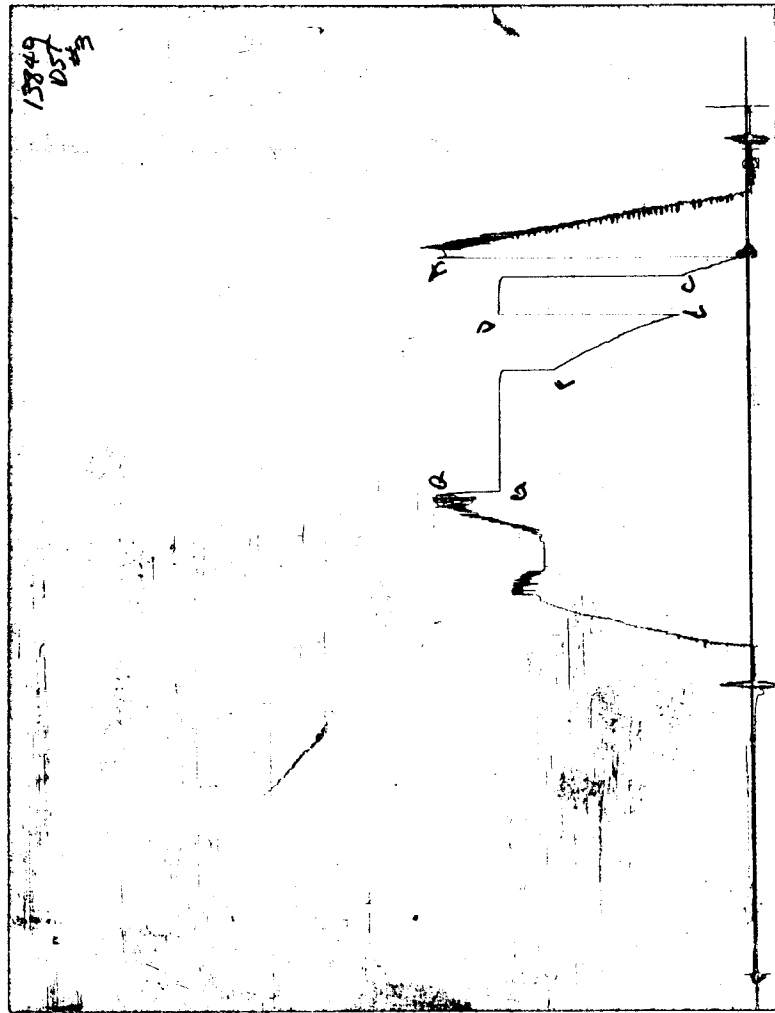


CHART PAGE



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<sup>o</sup> 10025

Well Name & No. <u>Marilyn Johnson #1</u>	Test No. <u>#3</u>	Date <u>6/17/97</u>
Company <u>Bonneville Fuels Corp.</u>	Zone Tested <u>Simpson Sand</u>	
Address <u>1660 Lincoln - Suite 1800 Denver, Co 80264</u>		Elevation <u>1295</u> KB <u>1290</u> GL
Co. Rep / Geo. <u>Ron Nelson</u>	Cont. <u>White &amp; Ellis #8</u>	Est. Ft. of Pay <u>    </u> Por. <u>    </u> %
Location: Sec. <u>4</u>	Twp. <u>16S</u>	Rge. <u>3W</u> Co. <u>Saline</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>3462' - 3495'</u>	Initial Str Wt./Lbs. <u>47000</u>	Unseated Str Wt./Lbs. <u>64000</u>
Anchor Length <u>33'</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>78000</u>
Top Packer Depth <u>3457'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>3495' 3462'</u>	Hole Size — <u>7 7/8"</u> <input checked="" type="checkbox"/>	Rubber Size — <u>6 3/4"</u> <input checked="" type="checkbox"/>
Total Depth <u>3560</u>	Wt. Pipe Run <u>    </u>	Drill Collar Run <u>30'</u>
Mud Wt. <u>9.4</u> LCM <u>2<sup>nd</sup></u> Vis. <u>60</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3484</u>
Blow Description <u>IF: Strong blow. B.O.B. in 4 mins.</u>		
<u>IST: Blud cloddy. Weak blow pack</u>		
<u>FF: Strong blow. B.O.B. in 1.15.</u>		
<u>FSI: No bbs</u>		

Recovery — Total Feet <u>2640'</u>	GIP <u>    </u>	Ft. in DC <u>90'</u>	Ft. in DP <u>2610'</u>
Rec. <u>120'</u> Feet Of <u>MCW</u>	%gas <u>    </u>	%oil <u>    </u>	<u>2</u> %water <u>98</u> %mud
Rec. <u>2396'</u> Feet Of <u>SW</u>	%gas <u>    </u>	%oil <u>    </u>	<u>100</u> %water <u>    </u> %mud
Rec. <u>120'</u> Feet Of <u>Dulling Mud</u>	%gas <u>    </u>	%oil <u>    </u>	<u>    </u> %water <u>100</u> %mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas <u>    </u>	%oil <u>    </u>	<u>    </u> %water <u>    </u> %mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas <u>    </u>	%oil <u>    </u>	<u>    </u> %water <u>    </u> %mud

BHT 118 °F Gravity      °API D<sub>40</sub>      °F Corrected Gravity      °API

RW 0.1 @ 80° °F Chlorides 60000 ppm Recovery Chlorides 2000 ppm System

(A) Initial Hydrostatic Mud	<u>1776</u>   <u>1733</u>   <u>1714</u> PSI	Recorder No. <u>2350</u>	T-Started <u>12:49 PM</u>
(B) First Initial Flow Pressure	<u>66</u>   <u>73</u> PSI	(depth) <u>3473'</u>	T-Open <u>2:38</u>
(C) First Final Flow Pressure	<u>379</u>   <u>359</u> PSI	Recorder No. <u>13849</u>	T-Pulled <u>5:38</u>
(D) Initial Shut-in Pressure	<u>1438</u>   <u>1410</u> PSI	(depth) <u>3563'</u>	T-Out <u>8:30</u>
(E) Second Initial Flow Pressure	<u>422</u>   <u>448</u> PSI	Recorder No. <u>10991</u>	
(F) Second Final Flow Pressure	<u>1051</u>   <u>1119</u> PSI	(depth) <u>3557'</u>	
(G) Final Shut-in Pressure	<u>1427</u>   <u>1411</u> PSI	Initial Opening <u>15</u>	Test <input checked="" type="checkbox"/>
(H) Final Hydrostatic Mud	<u>1745</u>   <u>1797</u>   <u>1705</u> PSI	Initial Shut-in <u>30</u>	Jars <input checked="" type="checkbox"/>
	<u>10991</u>   <u>13849</u>   <u>ALPnt</u>	Final Flow <u>45</u>	Safety Joint <input checked="" type="checkbox"/>
		Final Shut-in <u>90</u>	Straddle <input checked="" type="checkbox"/>
			Circ. Sub <input checked="" type="checkbox"/>
			Sampler <u>    </u>
			Extra Packer <u>    </u>
			Elect. Rec. <u>    </u>
			Other <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 

