

5-34-14w

15-007-22572

RELEASED

Computer Inventories

DEC 03 2000

FROM CONFIDENTIAL

CONFIDENTIAL

WELL NAME:

Davis Ranch A-1

COMPANY:

Woolsey Petroleum Corp.

LOCATION:

5-34s-14w

Barber County, Kansas

DATE:

8/21/98

KCC

DEC 03 1998

CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
AUG 24 1998

DEC 4 - 1998

CONSERVATION DIVISION
Wichita, Kansas

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Woolsey Petroleum Corp

DATE 08/13/199

WELL NAME: Davis Ranch A-1

KB 1699.00 ft

TICKET NO: 11840

DST #1

LOCATION : 5-34s-14w

GR 1688.00 ft

FORMATION: Swope

INTERVAL : 4520.00 To 4553.00 ft

TD 4553.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10332	10332	3030			PF Fr. 0433 to 0503 hr
SI 60 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 0503 to 0603 hr
SF 60 Clock(hrs)	12hr	12Hr.	elec.			SF Fr. 0603 to 0703 hr
FS 240 Depth(ft)	4550.0	4550.0	4526.0	0.0	0.0	FS Fr. 0703 to 1103 hr

	Field	1	2	3	4	
A. Init Hydro	2228.0	2234.0	2202.0	0.0	0.0	T STARTED 0215 hr
B. First Flow	61.0	68.0	21.0	0.0	0.0	T ON BOTM 0430 hr
B1. Final Flow	81.0	80.0	61.0	0.0	0.0	T OPEN 0433 hr
C. In Shut-in	1733.0	1722.0	1726.0	0.0	0.0	T PULLED 1103 hr
D. Init Flow	101.0	98.0	65.0	0.0	0.0	T OUT 1215 hr
E. Final Flow	142.0	135.0	122.0	0.0	0.0	
F. Fl Shut-in	1743.0	1751.0	1753.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2068.0	2072.0	2170.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 210.00 ft of 0.00 ft in DC and 210.00 ft in DP
120.00 ft of salt water
60.00 ft of Mud cut water 20% mud 80% water
30.00 ft of Heavy mud cut water 60% mud 40% water
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of

SALINITY 100000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Weak blow built to 6" in water

Initial Shut-in:

Bled down for 5 mins. no blow back

Final Flow:

Weak blow built to 7" in water

Final Shut-in:

Bled down for 10 mins. no blow back

KCC
DEC 03 1993
CONFIDENTIAL

RELEASED

SAMPLES:

SENT TO:

DEC 03 2000**FROM CONFIDENTIAL**

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/cf
Vis.	51.00 S/L
W.L.	13.20 in3
F.C.	0.32 in
Mud Drop N	

Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 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 Amerine
Co. Rep.	Mike Maune
Contr.	Duke
Rig #	5
Unit #	none
Pump T.	no

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Davis Ranch A-1

LOCATION : 5-34s-14w

TICKET No. 11840 D.S.T. No. 1 DATE 08/13/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 33

TOTAL TOOL 61

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.Stands Single Total

D.P. ABOVE TOOLS.Stands73 Single 1 Total 4504

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4565

TOTAL DEPTH 4553

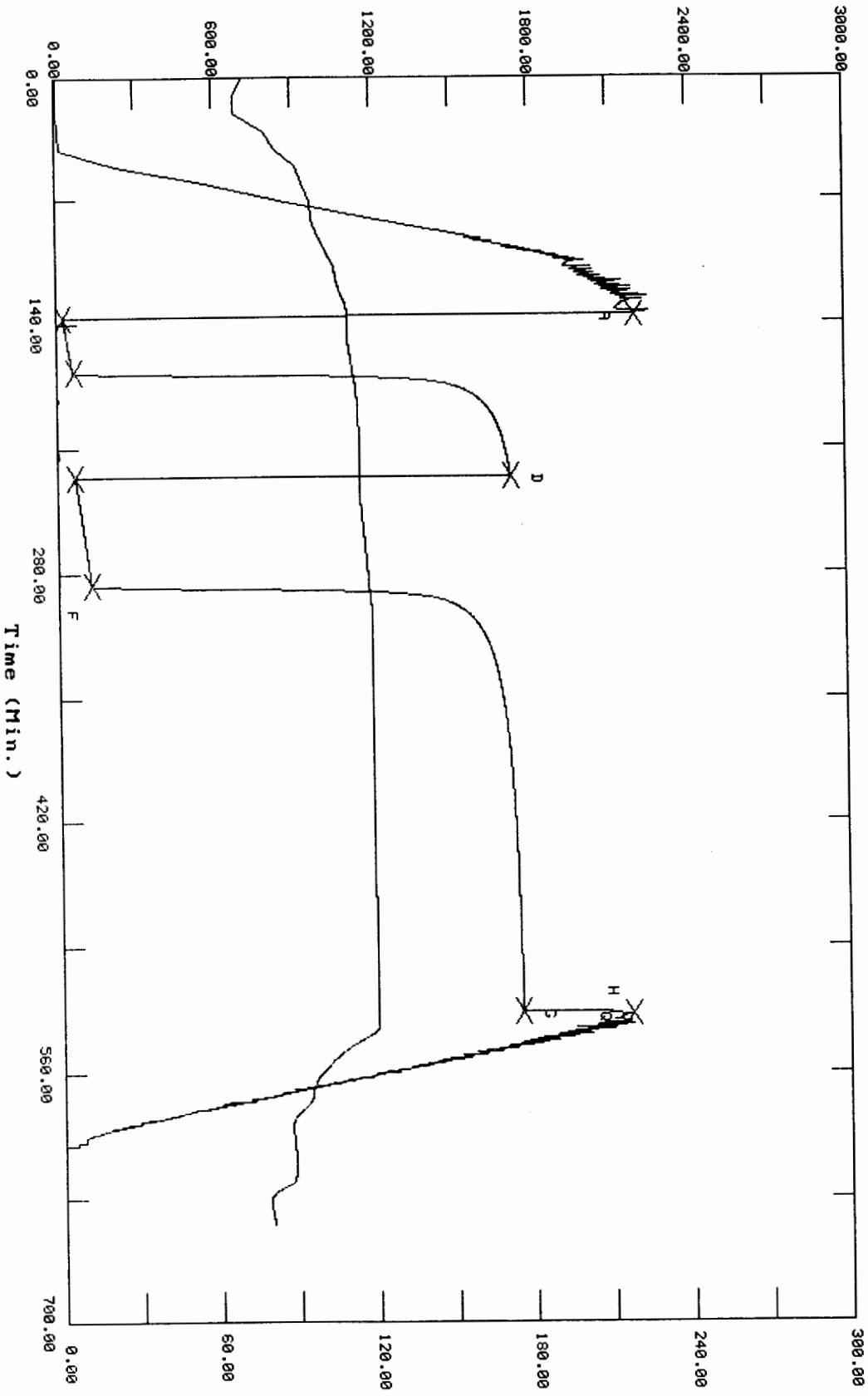
TOTAL DRILL PIPE ABOVE K.B. 12

REMARKS:

P.O. SUB Top of tool @	4493
C.O. SUB	4494
S.I. TOOL	4499
HMV	4504
JARS	4509
SAFETY JOINT	4511
PACKER	4515
PACKER	4520
DEPTH 4520	
STUBB 1'to	4521
ANCHOR 30'of perfs.to	4551
Alpine rec.@ 4526	
	4551
T.C.	
DEPTH	
	4551
Ak-1, rec.@ 4550	
BULLNOSE 2'bullnose to	4553
T.D.	

Tk#11840 DST#1 Davis Ranch #A-1 Woolsey Pet, Corp.

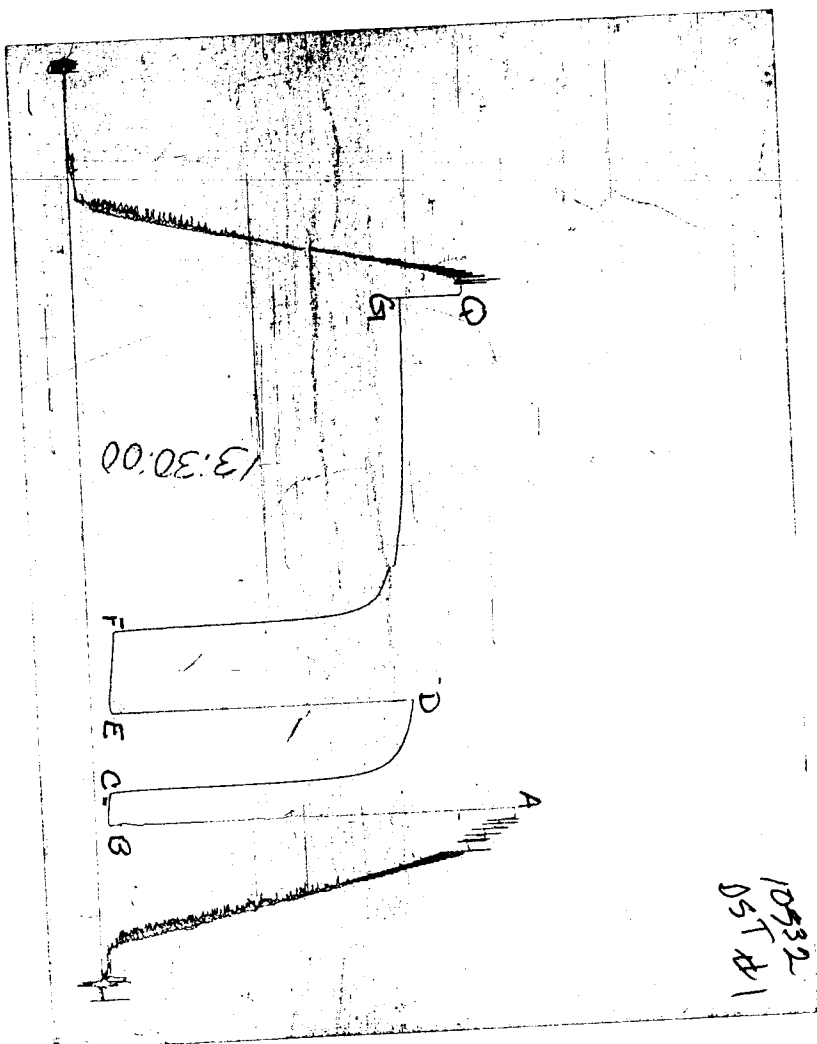
TEST HISTORY



Flag Points		
t(Min.)	P(PSIg)	t(Min.) P(PSIg)
A: 0.00	2201.64	Q: 0.00 2170.22
B: 0.00	21.19	
C: 30.75	60.73	
D: 59.25	1726.33	
E: 0.00	64.77	
F: 60.50	121.59	
G: 239.75	1753.39	
H: 0.00	2170.22	

Temperature (DEG F)

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 11840

Well Name & No.	<u>Davis - Ranch A-1</u>	Test No.	<u>#1</u>	Date	<u>08/13/1998</u>
Company	<u>Woolsey Pet. Corp. 125 N.</u>	Zone Tested	<u>Swope</u>		
Address	<u>Market, Suite 1000 Wichita, KS 67202-1725</u>	Elevation	<u>1699</u>	KB	<u>1688</u> GL
Co. Rep / Geo.	<u>Mike Maune</u>	Cont.	<u>Duke #5</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>5</u>	Twp.	<u>34S</u>	Rge.	<u>14W</u> Co. <u>Barber</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>4520 - 4553'</u>	Initial Str Wt./Lbs.	<u>78000</u>	Unseated Str Wt./Lbs.	<u>49000</u>
Anchor Length	<u>33'</u>	Wt. Set Lbs.	<u>20,000</u>	Wt. Pulled Loose/Lbs.	<u>39000</u>
Top Packer Depth	<u>4515'</u>	Tool Weight	<u>2100</u>		
Bottom Packer Depth	<u>4520'</u>	Hole Size — 7 7/8"	<u>✓</u>	Rubber Size — 6 3/4"	<u>✓</u>
Total Depth	<u>4553'</u>	Wt. Pipe Run	<u>N/A</u>	Drill Collar Run	<u>N/A</u>
Mud Wt. <u>9.3</u> LCM <u> </u> Vis. <u>51</u> WL <u>13.2</u>		Drill Pipe Size	<u>4 1/2 KH</u>	Ft. Run	<u>4904'</u>
Blow Description	<u>IF: Leak blow built to 6" in H2O bucket</u> <u>ISI: Bled down for 5 mins no bb.</u> <u>FF: Leak blow built to 7" in H2O bucket</u> <u>FSI: Bled down for 10 mins no bb.</u>				
Recovery — Total Feet	<u>210'</u>	GIP	<u>N/A</u>	Ft. in DC	<u>N/A</u>
Rec. <u>120'</u>	Feet Of	<u>Salt Water</u>	<u>100,000</u> %gas	<u>99</u> %oil	<u>99</u> %water <u>less than</u> %mud
Rec. <u>60</u>	Feet Of	<u>MCW</u>	<u>100,000</u> %gas	<u>80</u> %oil	<u>80</u> %water <u>20</u> %mud
Rec. <u>30'</u>	Feet Of	<u>HMCW</u>	<u>100,000</u> %gas	<u>40</u> %oil	<u>40</u> %water <u>60</u> %mud
Rec. <u> </u>	Feet Of	<u> </u>	<u> </u> %gas	<u> </u> %oil	<u> </u> %water <u> </u> %mud
Rec. <u> </u>	Feet Of	<u> </u>	<u> </u> %gas	<u> </u> %oil	<u> </u> %water <u> </u> %mud
BHT <u>120°</u>	°F Gravity	<u> </u>	°API D@	<u> </u>	°F Corrected Gravity <u> </u> °API
RW <u>.10</u>	@ <u>100</u>	°F Chlorides	<u>100,000</u> ppm Recovery	Chlorides	<u>3400</u> ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2228</u>	<u>2202</u>	PSI Recorder No.	<u>3030</u>	T-On Location <u>00:00:00</u>
(B) First Initial Flow Pressure	<u>61</u>	<u>21</u>	PSI (depth)	<u>4526'</u>	T-Started <u>02:15:00</u>
(C) First Final Flow Pressure	<u>81</u>	<u>61</u>	PSI Recorder No.	<u>10332</u>	T-Open <u>04:33:00</u>
(D) Initial Shut-In Pressure	<u>1733</u>	<u>1726</u>	PSI (depth)	<u>4550'</u>	T-Pulled <u>11:03:00</u>
(E) Second Initial Flow Pressure	<u>101</u>	<u>65</u>	PSI Recorder No.	<u> </u>	T-Out <u>12:15:00</u>
(F) Second Final Flow Pressure	<u>142</u>	<u>122</u>	PSI (depth)	<u> </u>	T-Off Location <u>13:30:00</u>
(G) Final Shut-in Pressure	<u>1743</u>	<u>1753</u>	PSI Initial Opening	<u>30</u>	Test <u>✓</u>
(Q) Final Hydrostatic Mud	<u>2068</u>	<u>2170</u>	PSI Initial Shut-in	<u>60</u>	Jars <u>✓</u>
			Final Flow	<u>60</u>	Safety Joint <u>✓</u>
			Final Shut-in	<u>240</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

Our Representative

Extra Packer

Elec. Rec. ✓

Mileage

Other

TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey pet,corp.

DATE 08/14/199

WELL NAME: Davis Ranch #A-1

KB 1699.00 ft

TICKET NO: 11841 DST #2

LOCATION : 5 -34s-14w Barber co KS

GR 1688.00 ft

FORMATION: Upper (Miss)

INTERVAL : 4720.00 To 4785.00 ft

TD 4785.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10332	10332	3030			PF Fr. 1558 to 1628 hr
SI 60 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1628 to 1728 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 1728 to 1828 hr
FS 240 Depth(ft)	4782.0	4782.0	4757.0	0.0	0.0	FS Fr. 1828 to 2228 hr

	Field	1	2	3	4	
A. Init Hydro	2328.0	2322.0	2352.0	0.0	0.0	T STARTED 1315 hr
B. First Flow	71.0	74.0	40.0	0.0	0.0	T ON BOTM 1555 hr
Bl. Final Flow	71.0	74.0	48.0	0.0	0.0	T OPEN 1558 hr
C. In Shut-in	101.0	102.0	89.0	0.0	0.0	T PULLED 2228 hr
D. Init Flow	71.0	74.0	54.0	0.0	0.0	T OUT 0015 hr
E. Final Flow	71.0	74.0	60.0	0.0	0.0	
F. Fl Shut-in	101.0	102.0	115.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2278.0	2260.0	2290.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 50000.00 lbs
						Unseated Str Wt 50000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 0.00 in
						D.C. Length 0.00 ft
						D.P. Length 4724.00 ft

RECOVERY

Tot Fluid 45.00 ft of 0.00 ft in DC and 45.00 ft in DP
 45.00 ft of Drilling mud 100 %
 0.00 ft of
 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 1" in water

Initial Shutin:

Bled down for for minutes
 no blow back

Final Flow:

Dead blow

Final Shutin:

No blow back

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/cf
Vis.	47.00 S/L
W.L.	6.80 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	122.00 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 Amerine
Co. Rep.	Mike Maune
Contr.	Duke
Rig #	5
Unit #	none
Pump T.	no

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Davis Ranch #A-1

LOCATION : 5 -34s-14w Barber co KS

TICKET No. 11841 D.S.T. No. 2 DATE 08/14/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 34

TOTAL TOOL 62

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY 93

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands76 Single Total 4724

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4817

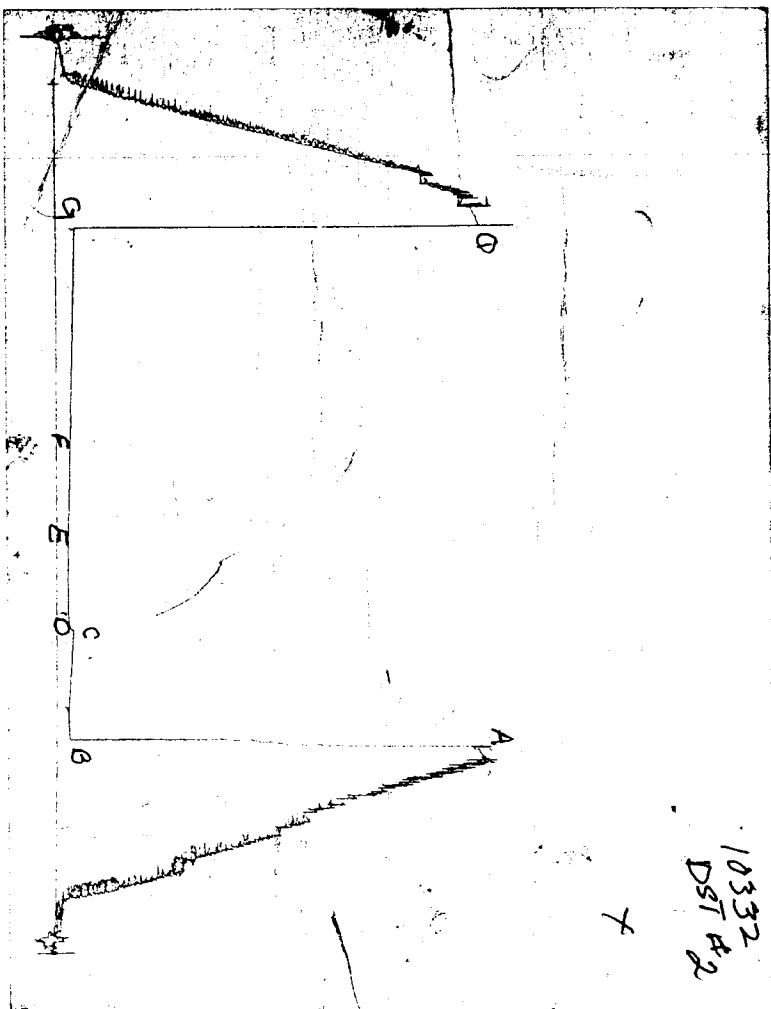
TOTAL DEPTH 4785'

TOTAL DRILL PIPE ABOVE K.B. 32'

REMARKS:

P.O. SUB top of tool @	4693
C.O. SUB	4994
S.I. TOOL	4699
HMV	4704
JARS	4709
SAFETY JOINT	4711
PACKER	4715
PACKER	4720
DEPTH 4720	
STUBB 1'	4721
ANCHOR 31'jt.drillpipe to	4752
	4752
	4752
T.C.	
DEPTH	
31'of perfs.to	4783
Alpine rec.@4757	
	4783
Ak-1 rec.@ 4782	
BULLNOSE 2'bullnose to	4785
T.D.	

CHART PAGE



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

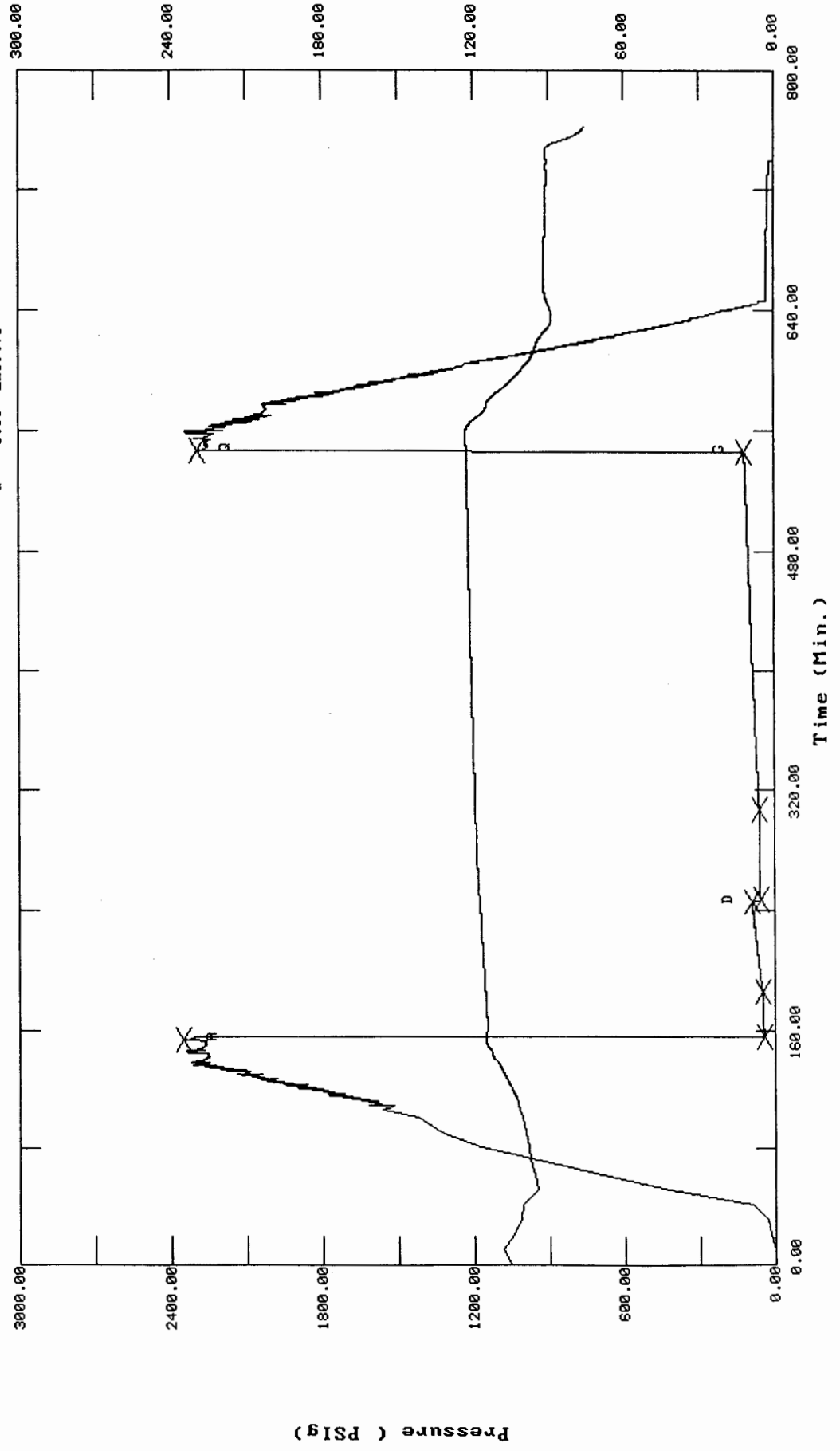
TEST HISTORY

Tk#11841 DST#2 Davis ranch A-1 Woolsey pet, Corp

Flag Points

t (Min.) P (PSig)

A: 0.00 2352.18
 B: 0.00 39.66
 C: 30.75 48.37
 D: 59.00 89.17
 E: 0.00 54.45
 F: 60.25 59.75
 G: 238.75 115.08
 Q: 0.00 2289.78



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11841

Well Name & No.	<u>Davis Ranch A-1</u>	Test No.	<u>#2</u>	Date	<u>08/14/1998</u>
Company	<u>Woolsey Pet. Corp. 125 W. Market</u>	Zone Tested	<u>(Upper) Miss.</u>		
Address	<u>Suite 1000 Wichita, KS 67202-1775</u>	Elevation	<u>1699</u>	KB	<u>1688</u> GL
Co. Rep / Geo.	<u>Mike Maune</u>	Cont.	<u>Duke #5</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>5</u>	Twp.	<u>34S</u>	Rge.	<u>14W</u> Co. <u>Barber</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>4720' - 4785'</u>	Initial Str Wt./Lbs.	<u>50000</u>	Unseated Str Wt./Lbs.	<u>50000</u>
Anchor Length	<u>65'</u>	Wt. Set Lbs.	<u>20,000</u>	Wt. Pulled Loose/Lbs.	<u>60000</u>
Top Packer Depth	<u>4715'</u>	Tool Weight	<u>2100</u>		
Bottom Packer Depth	<u>4720'</u>	Hole Size — 7 7/8"	<u>✓</u>	Rubber Size — 6 3/4"	<u>✓</u>
Total Depth	<u>4785'</u>	Wt. Pipe Run	<u>N/A</u>	Drill Collar Run	<u>N/A</u>
Mud Wt.	<u>9.3</u> LCM <u>4#</u> Vis. <u>47</u> WL <u>6.8</u>	Drill Pipe Size	<u>4 1/2 XH</u>	Ft. Run	<u>4724'</u>
Blow Description	<u>IF: Weak blow built to 1" in H₂O bucket.</u>				
	<u>ISI: Bled down for 5 min.</u>				
	<u>FF: Dead blow.</u>				
	<u>FSI: No bb.</u>				

Recovery — Total Feet	<u>45'</u>	GIP	<u>N/A</u>	Ft. in DC	<u>N/A</u>	Ft. in DP	<u>45'</u>
Rec.	<u>45</u>	Feet Of	<u>ISO-M</u>	%gas	<u> </u>	%oil	<u> </u>
Rec.		Feet Of	<u>Drilling Mud</u>	%gas	<u> </u>	%oil	<u> </u>
Rec.		Feet Of		%gas	<u> </u>	%oil	<u> </u>
Rec.		Feet Of		%gas	<u> </u>	%oil	<u> </u>
Rec.		Feet Of		%gas	<u> </u>	%oil	<u> </u>
BHT	<u>122°</u>	°F Gravity	<u> </u>	°API D@	<u> </u>	°F Corrected Gravity	<u> </u> °API
RW	<u> </u>	@	<u> </u>	°F Chlorides	<u> </u>	ppm Recovery	<u>3200</u> ppm System

(A) Initial Hydrostatic Mud	<u>2328</u>	AK-1	<u>2352</u>	Alpine	PSI	Recorder No.	<u>3030</u>	T-On Location	<u>13:00:00</u>
(B) First Initial Flow Pressure	<u>71</u>		<u>40</u>		PSI	(depth)	<u>4757'</u>	T-Started	<u>13:15:00</u>
(C) First Final Flow Pressure	<u>71</u>		<u>48</u>		PSI	Recorder No.	<u>10332</u>	T-Open	<u>15:58:00</u>
(D) Initial Shut-In Pressure	<u>101</u>		<u>89</u>		PSI	(depth)	<u>4782'</u>	T-Pulled	<u>22:28:00</u>
(E) Second Initial Flow Pressure	<u>71</u>		<u>54</u>		PSI	Recorder No.	<u> </u>	T-Out	<u>00:15:00</u>
(F) Second Final Flow Pressure	<u>71</u>		<u>60</u>		PSI	(depth)	<u> </u>	T-Off Location	<u>03:00:00</u>
(G) Final Shut-in Pressure	<u>101</u>		<u>115</u>		PSI	Initial Opening	<u>30</u>	Test	<u>✓</u>
(Q) Final Hydrostatic Mud	<u>2278</u>		<u>2290</u>		PSI	Initial Shut-in	<u>60</u>	Jars	<u>✓</u>
						Final Flow	<u>60</u>	Safety Joint	<u>✓</u>
						Final Shut-in	<u>240</u>	Straddle	<u> </u>
								Circ. Sub	<u> </u>
								Sampler	<u> </u>
								Extra Packer	<u> </u>
								Elec. Rec.	<u>✓</u>
								Mileage	<u> </u>
								Other	<u> </u>
								TOTAL PRICE \$	<u> </u>

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Approved By

Michael K. Maune

Our Representative

Darren J. Owens

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey pey, corp,
WELL NAME: Davis Ranch #A-1
LOCATION : 5-34s-14w Barber co. KS
INTERVAL : 5246.00 To 5280.00 ft

DATE 08/17/199
KB 1699.00 ft TICKET NO: 11842 DST #3
GR 1688.00 ft FORMATION: Simpson
TD 5280.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10332	10332	3030			PF Fr. 1306 to 1336 hr
SI 60	Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1336 to 1436 hr
SF 60	Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 1436 to 1536 hr
FS 240	Depth(ft)	5277.0	5277.0	5251.0	0.0	0.0	FS Fr. 1536 to 1936 hr

	Field	1	2	3	4	
A. Init Hydro	2630.0	2632.0	2540.0	0.0	0.0	T STARTED 1030 hr
B. First Flow	71.0	61.0	21.0	0.0	0.0	T ON BOTM 1303 hr
Bl. Final Flow	61.0	50.0	28.0	0.0	0.0	T OPEN 1306 hr
C. In Shut-in	243.0	233.0	224.0	0.0	0.0	T PULLED 1936 hr
D. Init Flow	81.0	55.0	25.0	0.0	0.0	T OUT 2230 hr
E. Final Flow	71.0	55.0	32.0	0.0	0.0	
F. Fl Shut-in	1296.0	1264.0	1270.0	0.0	0.0	
G. Final Hydro	2559.0	2532.0	2502.0	0.0	0.0	
Inside/Outside	O	O	I			

TOOL DATA-----
Tool Wt. 2100.00 lbs
Wt Set On Packer 20000.00 lbs
Wt Pulled Loose 65000.00 lbs
Initial Str Wt 54000.00 lbs
Unseated Str Wt 56000.00 lbs
Bot Choke 0.75 in
Hole Size 7.88 in
D Col. ID 0.00 in
D. Pipe ID 0.00 in
D.C. Length 0.00 ft
D.P. Length 5227.00 ft

RECOVERY

Tot Fluid 40.00 ft of 0.00 ft in DC and 40.00 ft in DP
40.00 ft of Gas cut oily mud 10%gas 10%oil 80%mud
1250.00 ft of Gas in pipe
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:
Fair blow bottom of bucket in 14 mins
Initial Shut-in:
Bled down for
Final Flow:
Strong blow bottom of bucket in
12 mins.
Final Shut-in:
Bled down for 10 mins. no blow back

MUD DATA-----
Mud Type Chemical
Weight 9.20 lb/cf
Vis. 50.00 S/L
W.L. 7.60 in3
F.C. 0.32 in
Mud Drop N

Amt. of fill 0.00 ft
Btm. H. Temp. 128.00 F
Hole Condition
% 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 Amerine
Co. Rep. Mike Maune
Contr. Duke
Rig # 2
Unit # no
Pump T. none

SAMPLES:
SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Davis Ranch #A-1

LOCATION : 5-34s-14w Barber co. KS

TICKET No. 11842 D.S.T. No. 3 DATE 08/17/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 34

TOTAL TOOL 62

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.Stands Single Total

D.P. ABOVE TOOLS.Stands86 Single Total 5227

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5289

TOTAL DEPTH 5280

TOTAL DRILL PIPE ABOVE K.B. 9

REMARKS:

P.O. SUB Top of tool @	5219
C.O. SUB	5220
S.I. TOOL	5225
HMV	5230
JARS	5235
SAFETY JOINT	5237
PACKER	5241
PACKER	5246
DEPTH 5246	
STUBB 1'	5247
ANCHOR 31' of perfs.to	5278
Alpine rec.@ 5251	
	5278
	5278
T.C.	
DEPTH	
	5278
	5278
Ak-1 rec,@ 5277	
BULLNOSE 2'bullnose to	5280
T.D.	

TEST HISTORY

Tk#11842 DST#3 Davis ranch A-1 Woolsey pet, Corp

Flag Points				
t (Min.)	P (PSig)		t (Min.)	P (PSig)
A: 0.00	2539.64		Q: 0.00	2502.63
B: 0.00	20.73			
C: 30.25	27.78			
D: 58.50	224.05			
E: 0.00	24.82			
F: 60.75	31.57			
G: 240.00	1270.21			
H: 0.00	2502.63			

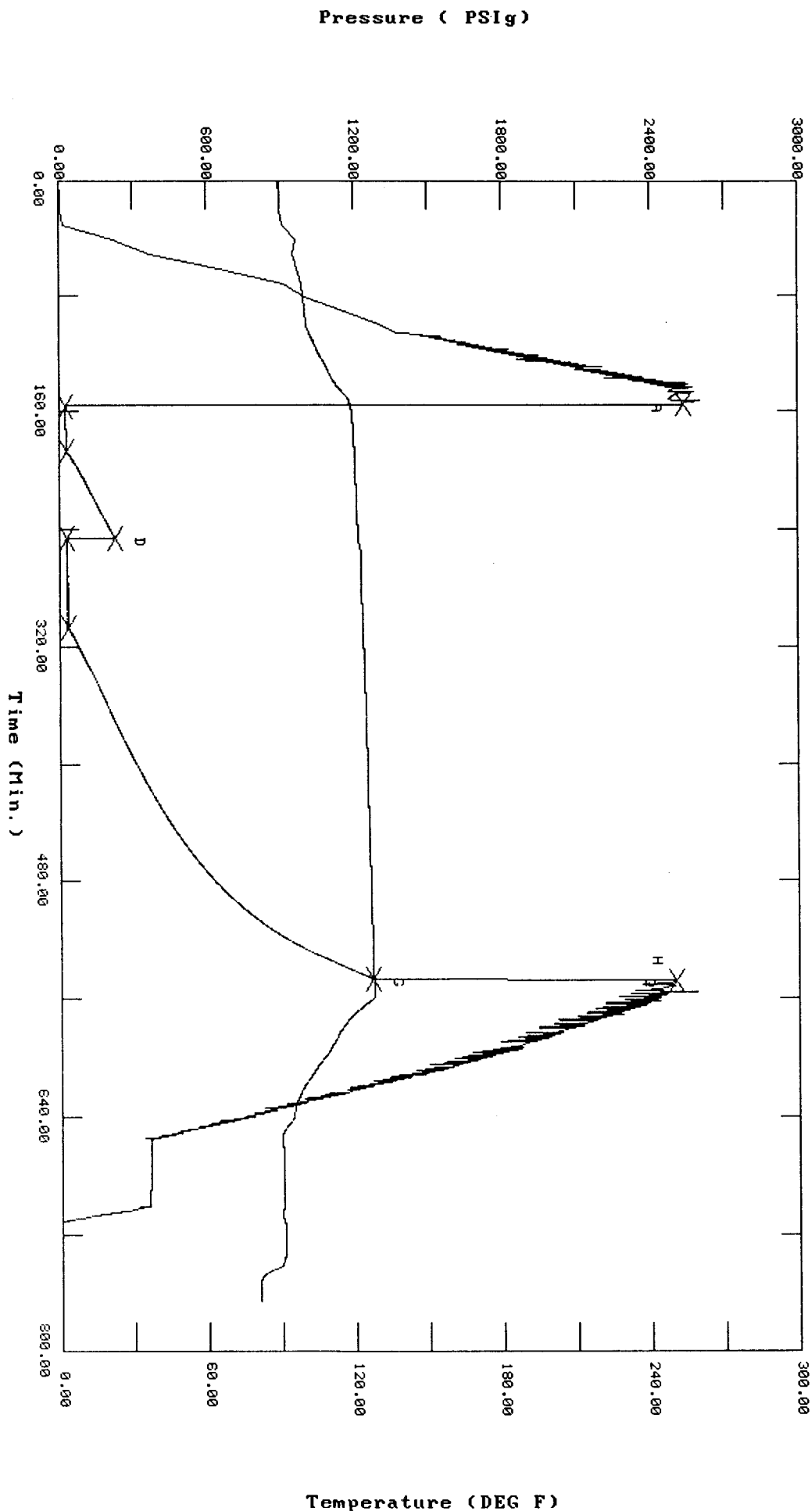
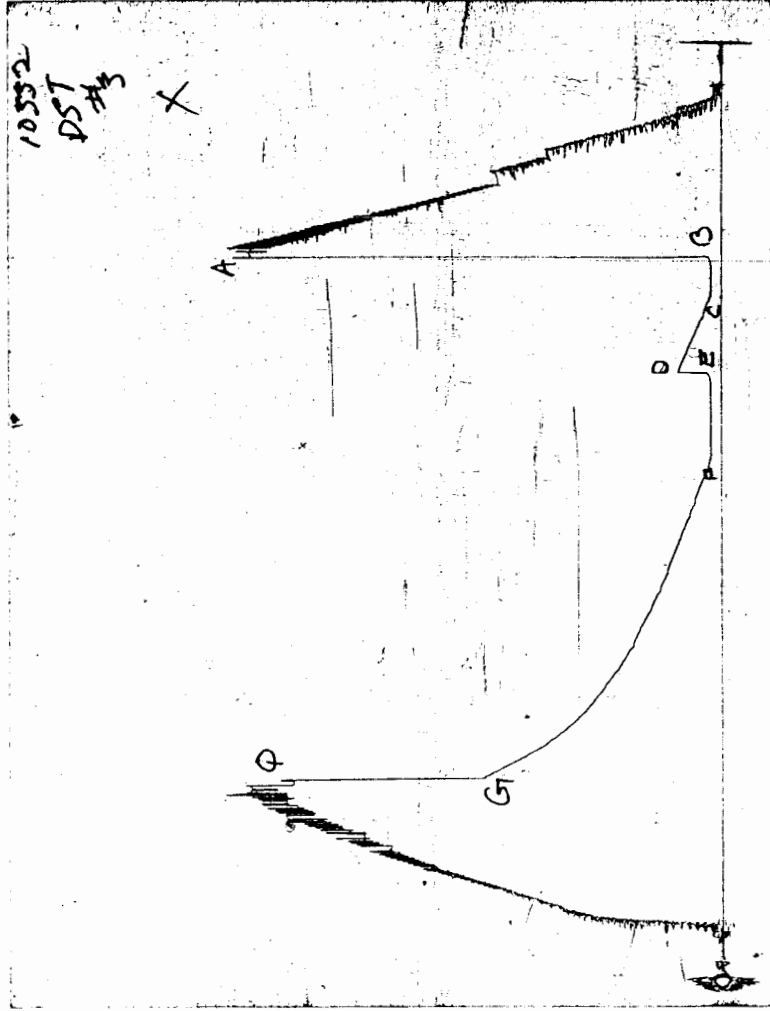


CHART PAGE



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 11842

Well Name & No. <u>Davis Ranch #A-1</u>	Test No. <u>3</u>	Date <u>08/17/1998</u>
Company <u>Woolsey Pet Corp. 125 N. Market</u>	Zone Tested <u>Simpson</u>	
Address <u>Suite 100 Wichita, KS 67202-1775</u>	Elevation <u>1699</u>	KB <u>1688</u> GL
Co. Rep / Geo. <u>Mike Maune</u>	Cont. <u>Duke #5</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>5</u>	Twp. <u>34S</u>	Rge. <u>14W</u> Co. <u>Barber</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>5246' - 5280'</u>	Initial Str Wt./Lbs. <u>54,000</u>	Unseated Str Wt./Lbs. <u>55,000</u>
Anchor Length <u>34'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>65,000</u>
Top Packer Depth <u>5241'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>5286'</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u>5280</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>N/A</u>
Mud Wt. <u>9.2</u> LCM <u>6#</u> Vis. <u>50</u> WL <u>7.6</u>	Drill Pipe Size <u>4 1/2 KH</u>	Ft. Run <u>5227'</u>
Blow Description <u>FF: Fair blow b.o.b in 14 mins.</u>		

ISI: Bled down for 5 mins no bb.

FF: Strong blow b.o.b in 12 mins.

FSI: Bled down for 10 mins NO bb.

Recovery — Total Feet <u>40'</u>	GIP <u>1250</u>	Ft. in DC <u>N/A</u>	Ft. in DP <u> </u>
Rec. <u>40'</u>	Feet Of <u>6510</u>	10 %gas 10 %oil	%water 80 %mud
Rec. <u>1250'</u>	Feet Of <u>611</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
Rec. <u> </u>	Feet Of <u> </u>	%gas %oil	%water %mud
BHT <u>128°</u>	°F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u> °API
RW <u> </u> @ <u> </u>	°F Chlorides <u> </u>	ppm Recovery	Chlorides <u>2400</u> ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2630</u>	<u>2540</u>	PSI Recorder No. <u>3030</u>	T-On Location <u>10:00:00</u>
(B) First Initial Flow Pressure	<u>71</u>	<u>21</u>	PSI (depth) <u>5251'</u>	T-Started <u>10:30:00</u>
(C) First Final Flow Pressure	<u>61</u>	<u>28</u>	PSI Recorder No. <u>10332</u>	T-Open <u>13:06:30</u>
(D) Initial Shut-In Pressure	<u>243</u>	<u>224</u>	PSI (depth) <u>5277'</u>	T-Pulled <u>19:36:50</u>
(E) Second Initial Flow Pressure	<u>81</u>	<u>25</u>	PSI Recorder No. <u> </u>	T-Out <u>20:30:00</u>
(F) Second Final Flow Pressure	<u>71</u>	<u>32</u>	PSI (depth) <u> </u>	T-Off Location <u>00:00:00</u>
(G) Final Shut-in Pressure	<u>1296</u>	<u>1270</u>	PSI Initial Opening <u>30</u>	Test <u>✓</u>
(Q) Final Hydrostatic Mud	<u>2559</u>	<u>2503</u>	PSI Initial Shut-in <u>60</u>	Jars <u>✓</u>
			Final Flow <u>60</u>	Safety Joint <u>✓</u>
			Final Shut-in <u>240</u>	Straddle <u> </u>

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Approved By

Michael K. Maune

Elec. Rec. ✓

Mileage

Other