

15-033-20987

**Well Name:** #1 Baker Farms "A"  
**Company:** Pickrell Drilling  
**Location:** 24-33s-20w  
Comanche County Kansas  
**Date:** 2-1-99

**Release**  
NOV 10 2003  
**From**  
**Confidential**

**RECEIVED**  
KANSAS CORPORATION COMMISSION

**MAY 09 2002**

CONSERVATION DIVISION  
WICHITA, KS

TRILOBITE TESTING L.L.C.

OPERATOR : Pickrell Drilling DATE 1-20-99  
 WELL NAME: #1 Baker Farms "A" KB 1909.00 ft TICKET NO: 11795 DST #1  
 LOCATION : 24-33s-20w Comanche co KS GR 1904.00 ft FORMATION: Lansing  
 INTERVAL : 4467.00 To 4496.00 ft TD 4496.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10991	10991	10332			PF Fr. 1908 to 1938 hr
SI 60 Range (Psi )	4200.0	4200.0	4025.0	0.0	0.0	IS Fr. 1938 to 2038 hr
SF 90 Clock (hrs)	12	12	12			SF Fr. 2038 to 2208 hr
FS 90 Depth (ft )	4495.0	4495.0	4472.0	0.0	0.0	FS Fr. 2208 to 2338 hr

	Field	1	2	3	4	
A. Init Hydro	2282.0	2244.0	0.0	0.0	0.0	T STARTED 1700 hr
B. First Flow	192.0	207.0	0.0	0.0	0.0	T ON BOTM 1900 hr
B1. Final Flow	746.0	751.0	0.0	0.0	0.0	T OPEN 1908 hr
C. In Shut-in	1618.0	1630.0	0.0	0.0	0.0	T PULLED 2338 hr
D. Init Flow	788.0	800.0	0.0	0.0	0.0	T OUT 0230 hr
E. Final Flow	1438.0	1440.0	0.0	0.0	0.0	
F. Fl Shut-in	1629.0	1636.0	0.0	0.0	0.0	
G. Final Hydro	2219.0	2214.0	0.0	0.0	0.0	TOOL DATA-----
Inside/Outside	o	o	i			Tool Wt. 2100.00 lbs
						Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 130000.00 lbs
						Initial Str Wt 70000.00 lbs
						Unseated Str Wt 82000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.55 in
						D. Pipe ID 3.80 in
						D.C. Length 237.00 ft
						D.P. Length 4236.00 ft

RECOVERY

Tot Fluid 2952.00 ft of 237.00 ft in DC and 2715.00 ft in DP  
 200.00 ft of Gas in pipe  
 372.00 ft of Very slight oil and gas cut muddy water  
 0.00 ft of 9% gas 1% oil 30% water 60% mud  
 2580.00 ft of Salt water  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 SALINITY 80000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type chemical  
 Weight 9.50 lb/c  
 Vis. 46.00 S/L  
 W.L. 12.00 in3  
 F.C. 0.00 in  
 Mud Drop  
 Amt. of fill 0.00 ft  
 Btm. H. Temp. 126.00 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. Kevin Davis  
 Contr. Pickrell  
 Rig # 1  
 Unit #  
 Pump T.

BLOW DESCRIPTION

Initial Flow:  
 Strong blow bottom of bucket in  
 1 1/2 mins.  
 Initial Shut-in:  
 Bled down for 10 mins. built back  
 to 2" in water  
 Final Flow:  
 Strong blow bottom of bucket in  
 3 mins. 15 secs.  
 Final Shut-in:  
 Bled down for 5 mins. very slight  
 blow back

SAMPLES:  
 SENT TO:

Test Successful: Y



# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 11795

Well Name & No. <u>#1 Baker Farms "A"</u>	Test No. <u>#1</u>	Date <u>01/20/1999</u>
Company <u>Pickrell Drilling</u>	Zone Tested <u>Lansing</u>	
Address <u>110 N. Market, Suite 205 Wichita, KS 67202</u>	Elevation <u>1909'</u> KB <u>1904'</u> GL	
Co. Rep / Geo. <u>Kevin Davis</u>	Cont. <u>Pickrell Rig #1</u>	Est. Ft. of Pay <u>    </u> Por. <u>    </u> %
Location: Sec. <u>24</u>	Twp. <u>33 S</u>	Rge. <u>20 W</u> Co. <u>Comanche</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>4467' - 4496'</u>	Initial Str Wt./Lbs. <u>70000</u>	Unseated Str Wt./Lbs. <u>82000</u>
Anchor Length <u>29'</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>130000</u>
Top Packer Depth <u>4462'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>4467'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>4496</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>237.00</u>
Mud Wt. <u>9.3</u> LCM <u>2<sup>#</sup></u> Vis. <u>46</u> WL <u>12.0</u>	Drill Pipe Size <u>4 1/2 KH</u>	Ft. Run <u>4236.84</u>

Blow Description IP: Strong blow b.o.p. in 1 1/2 mins.  
ISI: Bled down for 10 mins. Built back to 2" in 1/20.  
FF: Strong blow b.o.p. in 3 mins 15 sec.  
FST: Bled down for 5 mins. Very slight b.p.

Recovery — Total Feet <u>2952'</u>	GIP <u>200'</u>	Ft. in DC <u>237.00</u>	Ft. in DP <u>2715</u>
Rec. <u>372'</u>	Feet Of <u>V50.56cmw</u>	9 %gas <u>58%</u> %oil <u>30</u>	%water <u>60</u> %mud
Rec. <u>2580'</u>	Feet Of <u>Salt Water</u>	%gas <u>    </u> %oil <u>100</u>	%water <u>    </u> %mud
Rec. <u>200'</u>	Feet Of <u>Gas in pipe</u>	%gas <u>    </u> %oil <u>    </u>	%water <u>    </u> %mud
Rec. <u>    </u>	Feet Of <u>    </u>	%gas <u>    </u> %oil <u>    </u>	%water <u>    </u> %mud
Rec. <u>    </u>	Feet Of <u>    </u>	%gas <u>    </u> %oil <u>    </u>	%water <u>    </u> %mud
BHT <u>126°</u>	°F Gravity <u>    </u>	°API D@ <u>    </u>	°F Corrected Gravity <u>    </u> °API
RW <u>.1</u>	@ <u>70</u> °F	Chlorides <u>80000</u> ppm	Recovery Chlorides <u>6000</u> ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2282</u>		PSI Recorder No. <u>10332</u>	T-On Location <u>1630</u>
(B) First Initial Flow Pressure	<u>192</u>		PSI (depth) <u>4472'</u>	T-Started <u>1700</u>
(C) First Final Flow Pressure	<u>246</u>		PSI Recorder No. <u>10991 x</u>	T-Open <u>1908</u>
(D) Initial Shut-In Pressure	<u>1618</u>		PSI (depth) <u>4495</u>	T-Pulled <u>2338</u>
(E) Second Initial Flow Pressure	<u>788</u>		PSI Recorder No. <u>    </u>	T-Out <u>0230</u>
(F) Second Final Flow Pressure	<u>1438</u>		PSI (depth) <u>    </u>	T-Off Location <u>0330</u>
(G) Final Shut-in Pressure	<u>1629</u>		PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>2219</u>		PSI Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>
			Final Flow <u>90</u>	Safety Joint <input checked="" type="checkbox"/>
			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 [Signature]  
Our Representative Lauren Almeida

Circ. Sub       
Sampler       
Extra Packer       
Elec. Rec.       
Mileage       
Other       
TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

OPERATOR : Pickrell Drilling Co.

DATE 1-23-99

WELL NAME: #1 Baker Farms "A"

KB 1909.00 ft

TICKET NO: 11796

DST #2

LOCATION : 24-33s-20w Comanche co KS

GR 1904.00 ft

FORMATION: Pawnee

INTERVAL : 5048.00 To 5070.00 ft

TD 5070.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10991	10991	10332			PF Fr. 0510 to 0540 hr
SI 60	Range(Psi )	4200.0	4200.0	4025.0	0.0	0.0	IS Fr. 0540 to 0640 hr
SF 90	Clock(hrs)	12	12	12			SF Fr. 0640 to 0810 hr
FS 90	Depth(ft )	5067.0	5067.0	5052.0	0.0	0.0	FS Fr. 0810 to 0940 hr

	Field	1	2	3	4	
A. Init Hydro	2586.0	2564.0	0.0	0.0	0.0	T STARTED 0245 hr
B. First Flow	32.0	28.0	0.0	0.0	0.0	T ON BOTM 0505 hr
B1. Final Flow	32.0	28.0	0.0	0.0	0.0	T OPEN 0510 hr
C. In Shut-in	1650.0	1636.0	0.0	0.0	0.0	T PULLED 0940 hr
D. Init Flow	43.0	39.0	0.0	0.0	0.0	T OUT 1130 hr
E. Final Flow	53.0	42.0	0.0	0.0	0.0	
F. Fl Shut-in	1608.0	1598.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2481.0	2449.0	0.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 80000.00 lbs
						Initial Str Wt 72000.00 lbs
						Unseated Str Wt 73000.00 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 237.00 ft
						D.P. Length 4795.00 ft

RECOVERY

Tot Fluid 120.00 ft of 120.00 ft in DC and 0.00 ft in DP  
 480.00 ft of Gas in pipe  
 60.00 ft of Very slight oil and gas cut mud  
 0.00 ft of 3% gas 2% oil 96% mud  
 60.00 ft of Slight oil and gas cut muddy water  
 0.00 ft of 14% gas 2% oil 48% water 36% mud  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of

SALINITY 90000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/cf
Vis.	46.00 S/L
W.L.	8.80 in3
F.C.	0.00 in

Mud Drop

Amt. of fill	0.00 ft
Btm. H. Temp.	111.00 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. Kevin Davis  
 Contr. Pickrell  
 Rig # 1  
 Unit #  
 Pump T.

BLOW DESCRIPTION

Initial Flow:

Weak blow increased to 8" in diesel bucket

Initial Shut-in:

Bled down for 2 mins. no blow back

Final Flow:

Fair blow built to bottom of bucket in 57 mins.

Final Shut-in:

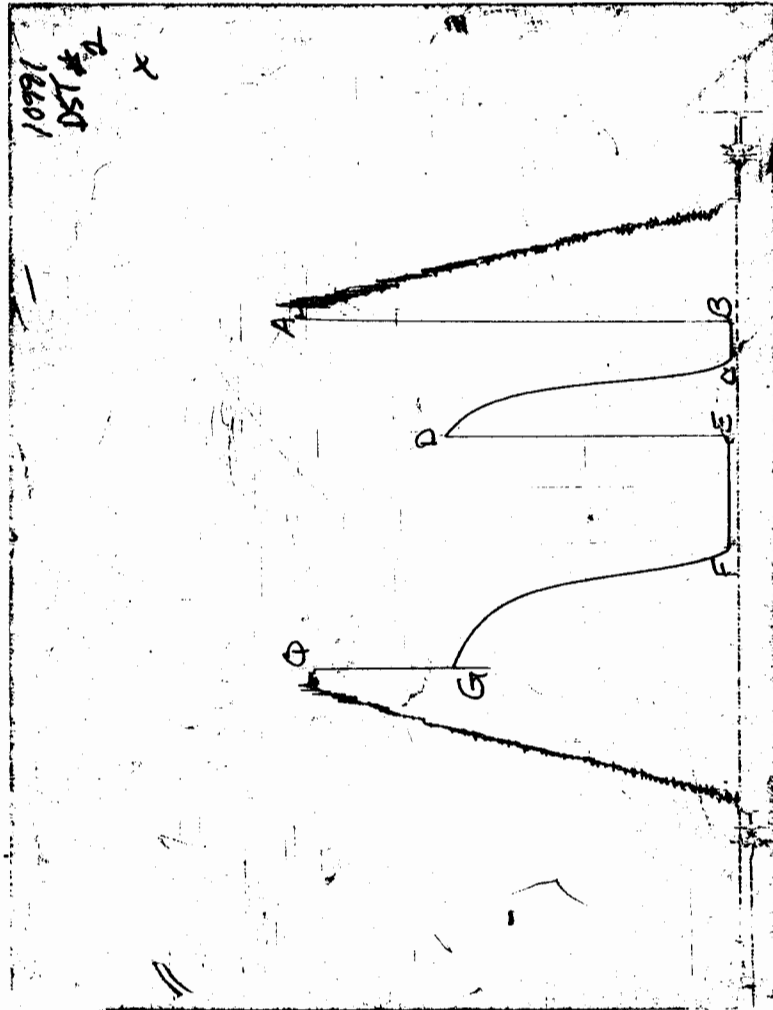
Bled down for 20 mins. no blow back

SAMPLES:

SENT TO:

Test Successful: Y

CHART PAGE

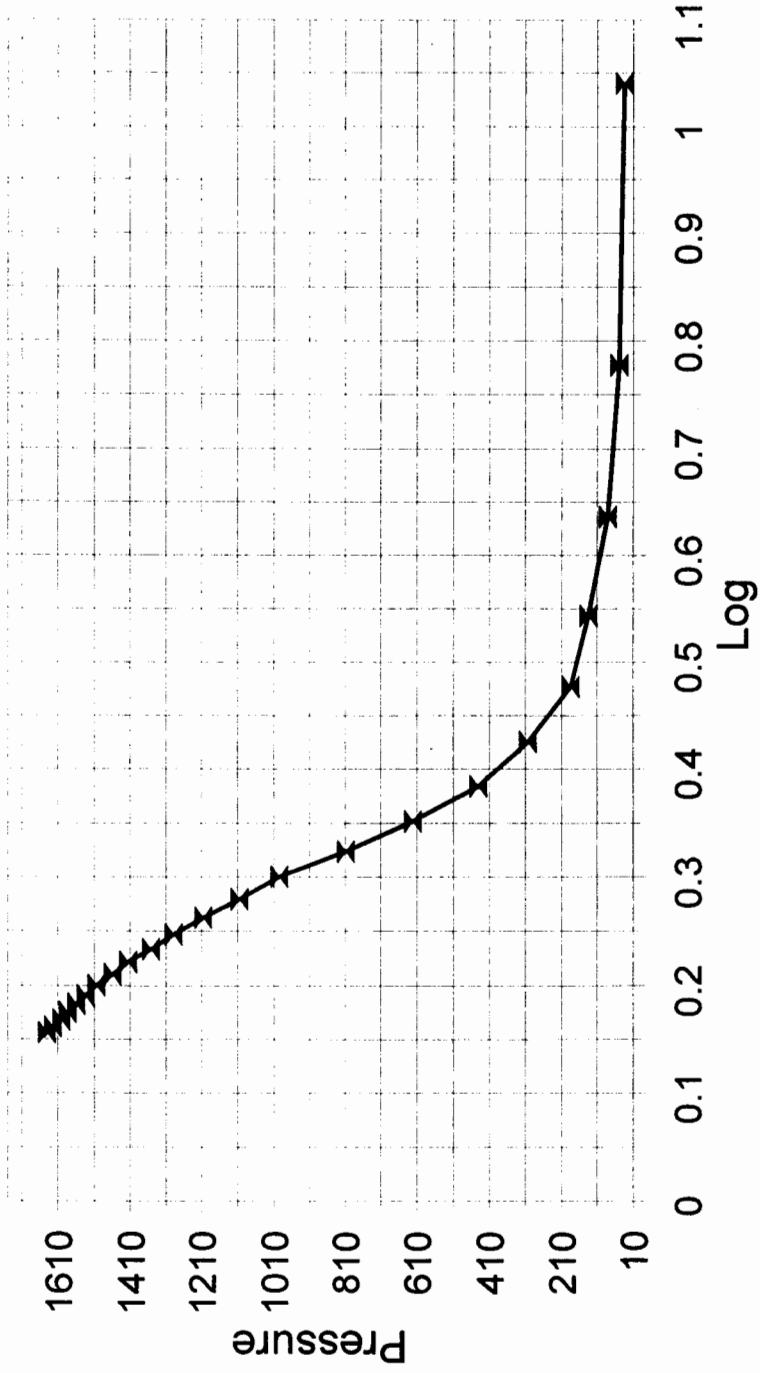


This is a photocopy of the actual AK-1 recorder chart

	Time	Pressure PSI <sub>g</sub>	Log Horn T	◇ Pressure	(T+dT)/dT
***Start Shutin 1	3	34.0	1.041	34.0	11.0
	6	48.0	0.778	14.0	6.0
	9	80.0	0.637	32.0	4.3
	12	134.0	0.544	54.0	3.5
	15	783.0	0.477	649.0	3.0
	18	304.0	0.426	-479.0	2.7
	21	441.0	0.385	137.0	2.4
	24	622.0	0.352	181.0	2.3
	27	808.0	0.325	186.0	2.1
	30	994.0	0.301	186.0	2.0
	33	1105.0	0.281	111.0	1.9
	36	1207.0	0.263	102.0	1.8
	39	1289.0	0.248	82.0	1.8
	42	1352.0	0.234	63.0	1.7
	45	1415.0	0.222	63.0	1.7
	48	1458.0	0.211	43.0	1.6
	51	1504.0	0.201	46.0	1.6
	54	1534.0	0.192	30.0	1.6
	57	1559.0	0.184	25.0	1.5
	60	1583.0	0.176	24.0	1.5
	63	1601.0	0.169	18.0	1.5
	66	1624.0	0.163	23.0	1.5
	69	1641.0	0.157	17.0	1.4

# Horner Plot: Shut-in #1

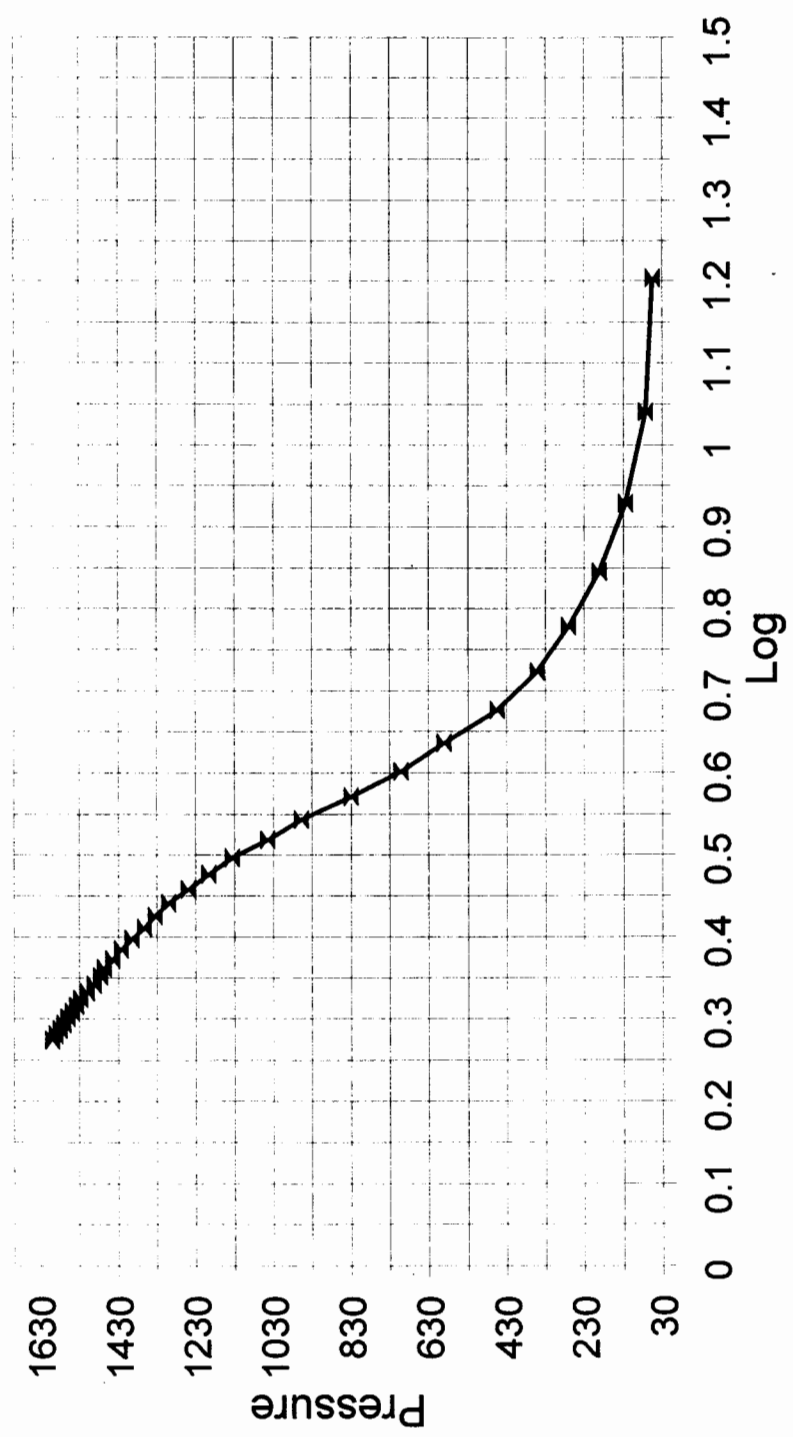
P \* 2354.61 Slope 2851303.907



	Time	Pressure PSIg	Log Horn T	◇ Pressure	(T+dT)/dT
***Start Shutin 2	6	55.0	1.204	55.0	16.0
	9	73.0	1.041	18.0	11.0
	12	125.0	0.929	52.0	8.5
	15	191.0	0.845	66.0	7.0
	18	270.0	0.778	79.0	6.0
	21	352.0	0.723	82.0	5.3
	24	457.0	0.677	105.0	4.8
	27	592.0	0.637	135.0	4.3
	30	702.0	0.602	110.0	4.0
	33	830.0	0.571	128.0	3.7
	36	959.0	0.544	129.0	3.5
	39	1046.0	0.520	87.0	3.3
	42	1137.0	0.497	91.0	3.1
	45	1197.0	0.477	60.0	3.0
	48	1251.0	0.459	54.0	2.9
	51	1302.0	0.442	51.0	2.8
	54	1336.0	0.426	34.0	2.7
	57	1364.0	0.411	28.0	2.6
	60	1396.0	0.398	32.0	2.5
	63	1425.0	0.385	29.0	2.4
	66	1446.0	0.374	21.0	2.4
	69	1468.0	0.363	22.0	2.3
	72	1479.0	0.352	11.0	2.3
	75	1494.0	0.342	15.0	2.2
	78	1512.0	0.333	18.0	2.2
	81	1530.0	0.325	18.0	2.1
	84	1540.0	0.316	10.0	2.1
	87	1551.0	0.308	11.0	2.0
	90	1562.0	0.301	11.0	2.0
	93	1572.0	0.294	10.0	2.0
	96	1583.0	0.287	11.0	1.9
	99	1593.0	0.281	10.0	1.9
	102	1602.0	0.275	9.0	1.9

# Horner Plot: Shut-in #2

P\*2328.79 Slope 28568151.849



# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 11796

Well Name & No. #1 Baker Farms "A" Test No. #2 Date 01/23/1999  
 Company Pickrell Drilling Co. Zone Tested Pawnee  
 Address 110 N Market, Suite 205 Wichita, KS 67202 Elevation 1909 KB 1904 GL  
 Co. Rep / Geo. Kevin Davis Cont. Pickrell #1 Est. Ft. of Pay      Por.      %  
 Location: Sec. 24 Twp. 33S Rge. 20W Co. Comanche State KS  
 No. of Copies 5 Distribution Sheet (Y, N)      Turnkey (Y, N)      Evaluation (Y, N)     

Interval Tested 5048' - 5070' Initial Str Wt./Lbs. 7200 Unseated Str Wt./Lbs. 7300  
 Anchor Length 22' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 80000  
 Top Packer Depth 5043' Tool Weight 2100  
 Bottom Packer Depth 5048' Hole Size — 7 7/8"  Rubber Size — 6 3/4"   
 Total Depth 5070' Wt. Pipe Run N/A Drill Collar Run 237'  
 Mud Wt. 9.3 LCM 3# Vis. 46 WL 8.8 Drill Pipe Size 4 1/2 KH Ft. Run 4795'  
 Blow Description IF: Weak blow increased to 8" in Diesel bucket.  
IST: Bled down for 2 mins. No blow back.  
FF: Fair blow suit to b.o.b in 57 mins.  
FSI: Bled down for 20 mins. No blow back.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>60'</u> Feet Of <u>USO 6 CM</u>	<u>480'</u>	<u>120'</u>	<u>    </u>
Rec. <u>60'</u> Feet Of <u>SO 6 CM</u>			
Rec. <u>480'</u> Feet Of <u>Casimir Pipe</u>			
Rec. <u>    </u> Feet Of <u>    </u>			
Rec. <u>    </u> Feet Of <u>    </u>			

BHT 111° °F Gravity      °API D@      °F Corrected Gravity      °API  
 RW -1 @ 60 °F Chlorides 90,000 ppm Recovery Chlorides 6,000 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2586</u>		PSI Recorder No. <u>10332</u>	T-On Location <u>0200</u>
(B) First Initial Flow Pressure	<u>32</u>		PSI (depth) <u>5052'</u>	T-Started <u>0245</u>
(C) First Final Flow Pressure	<u>32</u>		PSI Recorder No. <u>10991</u>	T-Open <u>0510</u>
(D) Initial Shut-In Pressure	<u>1650</u>		PSI (depth) <u>5067'</u>	T-Pulled <u>0940</u>
(E) Second Initial Flow Pressure	<u>43</u>		PSI Recorder No. <u>    </u>	T-Out <u>1130</u>
(F) Second Final Flow Pressure	<u>53</u>		PSI (depth) <u>    </u>	T-Off Location <u>1230</u>
(G) Final Shut-in Pressure	<u>1608</u>		PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>2481</u>		PSI Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>
			Final Flow <u>90</u>	Safety Joint <input checked="" type="checkbox"/>
			Final Shut-in <u>90</u>	Straddle <u>    </u>

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Approved By Kevin C. Davis  
 Our Representative Darren J. Anselino

Circ. Sub       
 Sampler       
 Extra Packer       
 Elec. Rec.       
 Mileage       
 Other       
 TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

OPERATOR : Pickrell Drilling Co. DATE 1-24-99  
 WELL NAME: #1 Barker Farms "A" KB 1909.00 ft TICKET NO: 11797 DST #3  
 LOCATION : 24-33s-20w Comanche co KS GR 1904.00 ft FORMATION: Cherokee Sand  
 INTERVAL : 5125.00 To 5209.00 ft TD 5209.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10991	10991	13849			PF Fr. 1307 to 1337 hr
SI 60 Range(Psi )	4200.0	4200.0	4375.0	0.0	0.0	IS Fr. 1337 to 1437 hr
SF 90 Clock(hrs)	12	12	12			SF Fr. 1437 to 1607 hr
FS 90 Depth(ft )	5206.0	5206.0	5128.0	0.0	0.0	FS Fr. 1607 to 1737 hr

	Field	1	2	3	4	
A. Init Hydro	2628.0	2633.0	0.0	0.0	0.0	T STARTED 1045 hr
B. First Flow	106.0	129.0	0.0	0.0	0.0	T ON BOTM 1300 hr
B1. Final Flow	106.0	129.0	0.0	0.0	0.0	T OPEN 1307 hr
C. In Shut-in	1534.0	1550.0	0.0	0.0	0.0	T PULLED 1737 hr
D. Init Flow	106.0	129.0	0.0	0.0	0.0	T OUT 1910 hr
E. Final Flow	117.0	129.0	0.0	0.0	0.0	
F. Fl Shut-in	1502.0	1491.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2596.0	2596.0	0.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 100000.00 lbs
						Initial Str Wt 76000.00 lbs
						Unseated Str Wt 77000.00 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 237.00 ft
						D.P. Length 4950.00 ft

RECOVERY

Tot Fluid 262.00 ft of 237.00 ft in DC and 25.00 ft in DP  
 4688.00 ft of Gas in pipe  
 262.00 ft of Very slight gas cut mud  
 0.00 ft of 2% gas 98% mud  
 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.	48.00 S/L
W.L.	11.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	131.00 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.	Kevin Davis
Contr.	Pickrell
Rig #	1
Unit #	
Pump T.	

BLOW DESCRIPTION

Initial Flow:  
 Fair blow bottom of bucket in 2 1/2 mins. gas to surface in 15 mins.]  
 Initial Shut-in:  
 Bled down for 10 mins. no blow back  
 Final Flow:  
 Strong blow bottom of bucket in 10 secs. gauge gas  
 Final Shut-in:  
 Bled down for 10 mins. weak surface blow back

SAMPLES:

SENT TO:

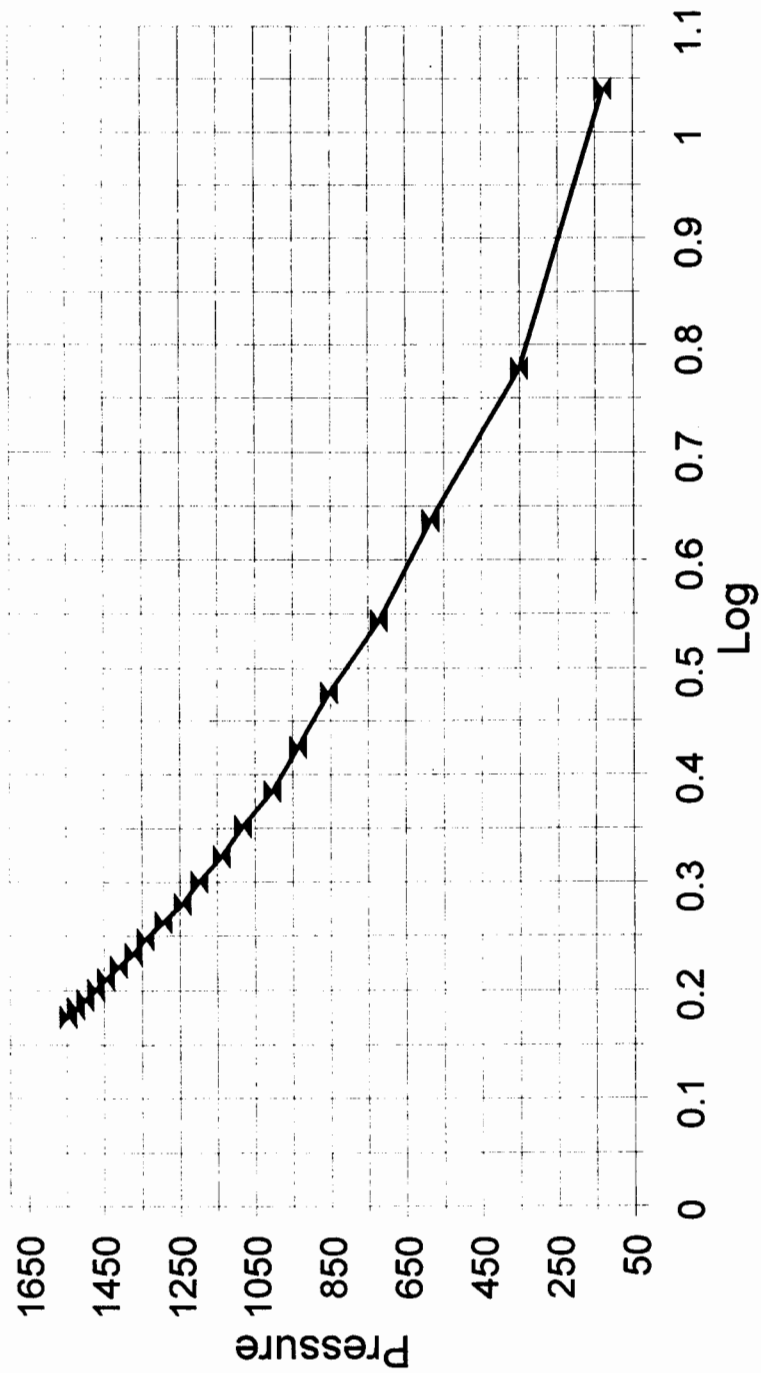
Test Successful: Y



	Time	Pressure PSIg	Log Horn T	◇ Pressure	(T+dT)/dT
***Start Shutin 1	3	129.0	1.041	129.0	11.0
	6	351.0	0.778	222.0	6.0
	9	585.0	0.637	234.0	4.3
	12	722.0	0.544	137.0	3.5
	15	854.0	0.477	132.0	3.0
	18	936.0	0.426	82.0	2.7
	21	1005.0	0.385	69.0	2.4
	24	1083.0	0.352	78.0	2.3
	27	1140.0	0.325	57.0	2.1
	30	1200.0	0.301	60.0	2.0
	33	1244.0	0.281	44.0	1.9
	36	1294.0	0.263	50.0	1.8
	39	1342.0	0.248	48.0	1.8
	42	1374.0	0.234	32.0	1.7
	45	1413.0	0.222	39.0	1.7
	48	1446.0	0.211	33.0	1.6
	51	1473.0	0.201	27.0	1.6
	54	1501.0	0.192	28.0	1.6
	57	1526.0	0.184	25.0	1.5
	60	1547.0	0.176	21.0	1.5

# Horner Plot: Shut-in #1

P \*1977.58 Slope 1517606.009



	Time	Pressure PSI <sub>g</sub>	Log Horn T	◇ Pressure	(T+dT)/dT
***Start Shutin 2	6	124.0	1.322	124.0	21.0
	9	341.0	1.156	217.0	14.3
	12	533.0	1.041	192.0	11.0
	15	703.0	0.954	170.0	9.0
	18	775.0	0.885	72.0	7.7
	21	869.0	0.827	94.0	6.7
	24	916.0	0.778	47.0	6.0
	27	970.0	0.736	54.0	5.4
	30	1004.0	0.699	34.0	5.0
	33	1036.0	0.666	32.0	4.6
	36	1076.0	0.637	40.0	4.3
	39	1108.0	0.610	32.0	4.1
	42	1143.0	0.586	35.0	3.9
	45	1169.0	0.564	26.0	3.7
	48	1205.0	0.544	36.0	3.5
	51	1231.0	0.525	26.0	3.4
	54	1256.0	0.508	25.0	3.2
	57	1279.0	0.492	23.0	3.1
	60	1304.0	0.477	25.0	3.0
	63	1322.0	0.463	18.0	2.9
	66	1342.0	0.450	20.0	2.8
	69	1361.0	0.438	19.0	2.7
	72	1379.0	0.426	18.0	2.7
	75	1396.0	0.415	17.0	2.6
	78	1411.0	0.405	15.0	2.5
	81	1425.0	0.395	14.0	2.5
	84	1440.0	0.385	15.0	2.4
	87	1448.0	0.376	8.0	2.4
	90	1463.0	0.368	15.0	2.3
	93	1473.0	0.360	10.0	2.3
	96	1483.0	0.352	10.0	2.3
	99	1491.0	0.345	8.0	2.2

# Horner Plot: Shut-in #2

P\*1936.84 Slope 1528265.375

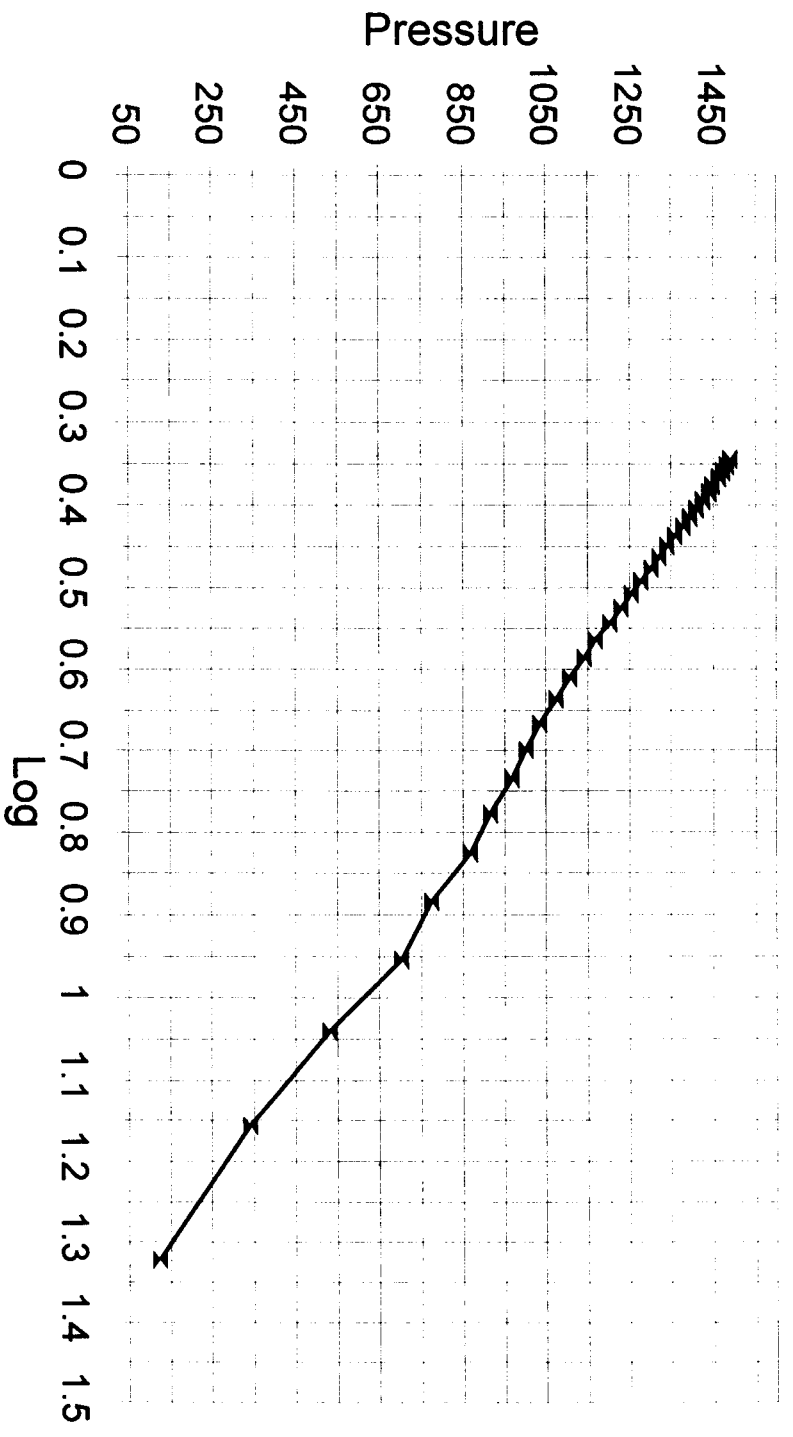
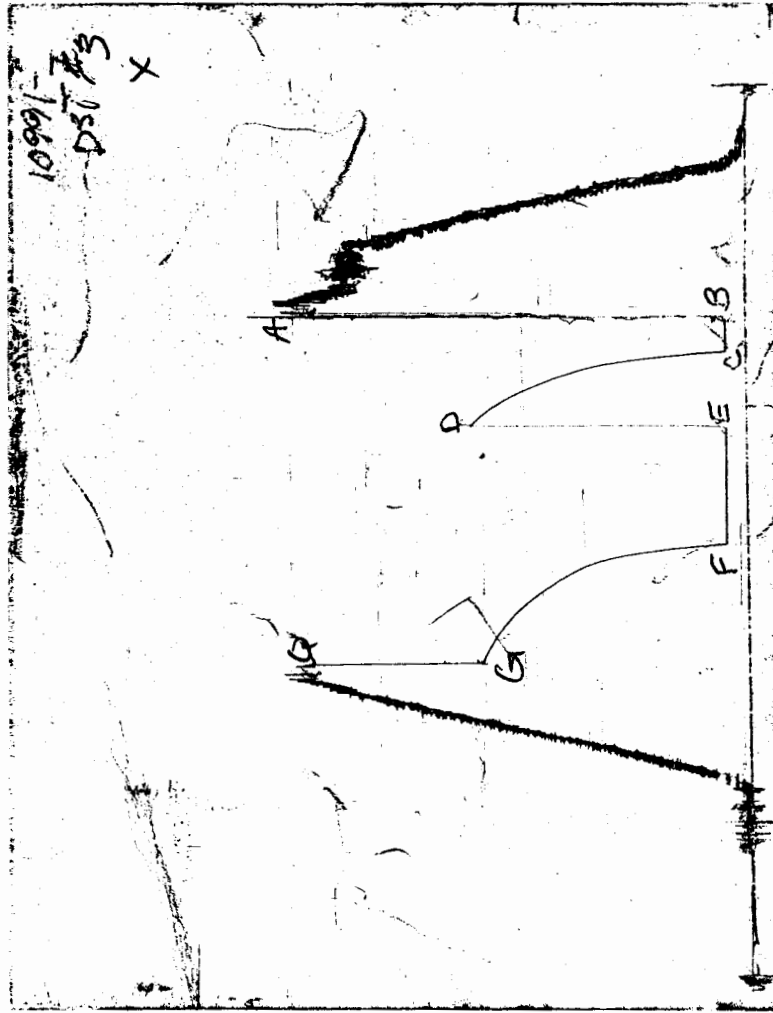


CHART PAGE



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

Pickrell Drilling Co.  
OPERATOR

#1 Baker Farms "A"  
WELL NAME AND NO.

#3  
DST NO.

*Initial opening GTS in 15 min. / Final open initial flooding*

Min.	Ins. of Water <del>PSIG</del>	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
5	38" @	3/8	21,900	5	5.5 lb. @	1/2"	8,800
0	48 @	3/8	24,700	10	3 lb. @	3/8"	33,500
5	58" @	3/8	27,100	15	64" @	3/8	28,500
				20	56" @	3/8	26,600
				30	52" @	3/8	25,700
				40	52" @	3/8	25,700
				50	52" @	3/8	25,700
				60	52" @	3/8	25,700
				70	54" @	3/8	26,200
				80	54" @	3/8	26,200
				90	54" @	3/8	26,200

Remarks:

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 11797

Well Name & No. #1 Baker Farms "A" Test No. #3 Date 01/24/1999  
 Company Pickrell Drilling Co. Zone Tested Cherokee Sd.  
 Address 110 N. Market Suite 205 Wichita, KS 67202 Elevation 1909 KB 1908 GL  
 Co. Rep / Geo. Kevin Davis Cont. Pickrell #1 Est. Ft. of Pay      Por.      %  
 Location: Sec. 24 Twp. 33S Rge. 20W Co. Comanche State KS  
 No. of Copies,      Sheet (Y, N)      Turnkey (Y, N)      Evaluation (Y, N)     

Interval Tested 5125' - 5209' Initial Str Wt./Lbs. 76000 Unseated Str-Wt./Lbs. 77000  
 Anchor Length 84' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 100,000  
 Top Packer Depth 5121' Tool Weight 2100  
 Bottom Packer Depth 5125' Hole Size — 7 7/8"  Rubber Size — 6 3/4"   
 Total Depth 5209' Wt. Pipe Run N/A Drill Collar Run 237'  
 Mud Wt. 9.2 LCM 3# Vis. 48 WL 11.0 Drill Pipe Size 4 1/2 XH Ft. Run 4950.0

Blow Description IF: Fair blow b.o.b in 2 1/2 mins. GTS in 15 mins  
IST - Bleed down for 10 mins. No blow back  
FF: Strong blow b.o.b in 10 sec. Orange Pad.  
FST: Bleed down for 10 mins. Weak surface blow back.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>262'</u>	<u>4688'</u>	<u>237'</u>	<u>25'</u>
Rec. <u>262'</u> Feet Of <u>USGCM</u>		<u>2</u> %gas	%oil %water <u>98</u> %mud
Rec. <u>4688'</u> Feet Of <u>GTP</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 131 °F Gravity      °API D@      °F Corrected Gravity      °API  
 RW      @      °F Chlorides      ppm Recovery Chlorides 7000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	PSI Recorder No.	T-On Location
<u>2628</u>			<u>13849</u>	<u>1030</u>
(B) First Initial Flow Pressure	<u>106</u>		PSI (depth) <u>5128</u>	T-Started <u>1045</u>
(C) First Final Flow Pressure	<u>106</u>		PSI Recorder No. <u>10991</u>	T-Open <u>1307</u>
(D) Initial Shut-In Pressure	<u>1534</u>		PSI (depth) <u>5206'</u>	T-Pulled <u>1737</u>
(E) Second Initial Flow Pressure	<u>106</u>		PSI Recorder No. <u>    </u>	T-Out <u>1910</u>
(F) Second Final Flow Pressure	<u>117</u>		PSI (depth) <u>    </u>	T-Off Location <u>1845</u>
(G) Final Shut-in Pressure	<u>1502</u>		PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>2596</u>		PSI Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>
			Final Flow <u>90</u>	Safety Joint <input checked="" type="checkbox"/>
			Final Shut-in <u>90</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>

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 K. C. Davis  
 Our Representative Kevin Davis

TRILOBITE TESTING L.L.C.

OPERATOR : Pickrell Drilling Co.

DATE 1-25-99

WELL NAME: #1 Baker Farms "A"

KB 1909.00 ft

TICKET NO: 11798

DST #4

LOCATION : 24-33s-20w Comanche co KS

GR 1904.00 ft

FORMATION: Mississippi

INTERVAL : 5216.00 To 5322.00 ft

TD 5322.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13849	13749	10991			PF Fr. 1454 to 1524 hr
SI 60 Range(Psi )	4375.0	4375.0	4200.0	0.0	0.0	IS Fr. 1524 to 1624 hr
SF 90 Clock(hrs)	12	12	12			SF Fr. 1624 to 1754 hr
FS 90 Depth(ft )	5222.0	5222.0	5319.0	0.0	0.0	FS Fr. 1754 to 1924 hr

	Field	1	2	3	4	
A. Init Hydro	2620.0	2652.0	0.0	0.0	0.0	T STARTED 1300 hr
B. First Flow	111.0	102.0	0.0	0.0	0.0	T ON BOTM 1450 hr
B1. Final Flow	111.0	87.0	0.0	0.0	0.0	T OPEN 1454 hr
C. In Shut-in	1305.0	1268.0	0.0	0.0	0.0	T PULLED 1924 hr
D. Init Flow	144.0	125.0	0.0	0.0	0.0	T OUT 2100 hr
E. Final Flow	156.0	128.0	0.0	0.0	0.0	
F. Fl Shut-in	1228.0	1216.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2576.0	2598.0	0.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 120000.00 lbs
						Initial Str Wt 75000.00 lbs
						Unseated Str Wt 75000.00 lbs

RECOVERY

Tot Fluid	242.00 ft of	237.00 ft in DC and	5.00 ft in DP
200.00	ft of Gas in pipe		
242.00	ft of Very slight oil and gas cut mud		
0.00	ft of 4% gas trace of oil 96% mud		
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-----

BLOW DESCRIPTION

Initial Flow:  
Fair blow bottom of bucket in  
5 1/2 mins.

Initial Shut-in:  
Bled down for 5 mins. weak surface  
blow back

Final Flow:  
Strong blow bottom of bucket in  
15 secs.

Final Shut-in:  
Bled down for 20 mins. no blow back

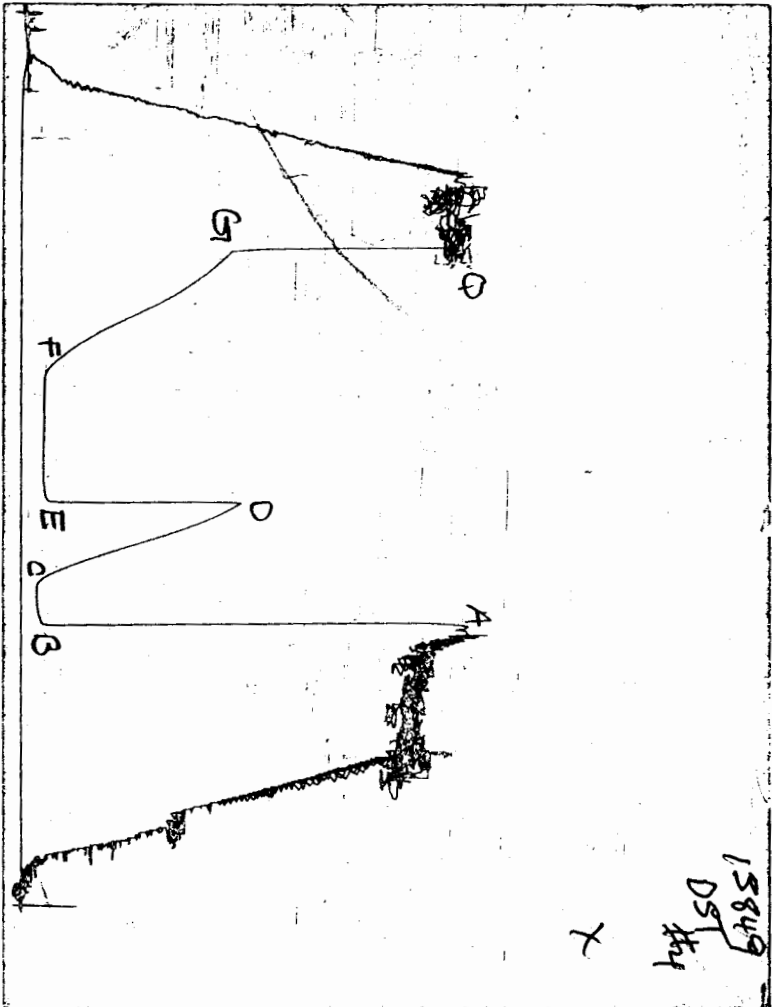
Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	42.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	126.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Darren Amerine
Co. Rep.	Kevin Davis
Contr.	Pickrell
Rig #	
Unit #	
Pump T.	

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 11798

Well Name & No. #1 Baker Farms "A" Test No. #4 Date 01/25/1999  
Company Pickrell Drilling, Co. 110 N. Market Zone Tested M.55  
Address Suite 205 Wichita, KS 67202 Elevation 1909 KB 1904 GL  
Co. Rep / Geo. Kevin Davis Cont. Pickrell Est. Ft. of Pay      Por.      %  
Location: Sec. 24 Twp. 33<sup>S</sup> Rge. 20<sup>W</sup> Co. Comanche State KS  
No. of Copies 5 Distribution Sheet (Y, N)      Turnkey (Y, N)      Evaluation (Y, N)     

Interval Tested 5216' - 5322' Initial Str Wt./Lbs. 75,000 Unseated Str-Wt./Lbs. 75,000  
Anchor Length 106' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 120,000  
Top Packer Depth 5211' Tool Weight 2100  
Bottom Packer Depth 5216' Hole Size — 7 7/8"  Rubber Size — 6 3/4"   
Total Depth 5322' Wt. Pipe Run N/A Drill Collar Run 237'  
Mud Wt. 9.0 LCM 3<sup>#</sup> Vis. 52 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 5041.00

Blow Description IF: Fair blow b.o.b in 5 1/2 mins.  
IST: Bled down for 5 mins. Weak surface blow back.  
FF: Strong blow b.o.b in 15 sec.  
FST: Bled down for 20 mins. No blow back.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>242'</u>	<u>200'</u>	<u>237'</u>	<u>237'</u>
Rec. <u>0242</u> Feet Of <u>150' GCM</u>	<u>4% gas</u>	<u>Trace</u> %oil	%water <u>96</u> %mud
Rec. <u>200'</u> Feet Of <u>Gas in pipe</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 126° °F Gravity      °API D@      °F Corrected Gravity      °API  
RW      @      °F Chlorides      ppm Recovery Chlorides 9,000 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2620</u>		PSI Recorder No. <u>13849</u>	T-On Location <u>1230</u>
(B) First Initial Flow Pressure	<u>111</u>		PSI (depth) <u>5222'</u>	T-Started <u>1300</u>
(C) First Final Flow Pressure	<u>111</u>		PSI Recorder No. <u>10991</u>	T-Open <u>1454</u>
(D) Initial Shut-In Pressure	<u>1305</u>		PSI (depth) <u>5319'</u>	T-Pulled <u>1924</u>
(E) Second Initial Flow Pressure	<u>144</u>		PSI Recorder No. <u>    </u>	T-Out <u>2100</u>
(F) Second Final Flow Pressure	<u>156</u>		PSI (depth) <u>    </u>	T-Off Location <u>2175'</u>
(G) Final Shut-in Pressure	<u>1228</u>		PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>2576</u>		PSI Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>
			Final Flow <u>90</u>	Safety Joint <input checked="" type="checkbox"/>
			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 [Signature]  
Our Representative Darren J Amey

Extra Packer       
Elec. Rec.       
Mileage       
Other       
TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

OPERATOR : Pickrell Drilling Co.

DATE 1-28-99

WELL NAME: #1 Baker Farms "A"

KB 1909.00 ft

TICKET NO: 11799

DST #5

LOCATION : 24-33s-20w Comanche co KS

GR 1904.00 ft

FORMATION: Viola

INTERVAL : 5986.00 To 6060.00 ft

TD 6060.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13849	13849	10991			PF Fr. 0305 to 0335 hr
SI 60 Range(Psi )	4375.0	4375.0	4200.0	0.0	0.0	IS Fr. 0335 to 0435 hr
SF 50 Clock(hrs)	12	12	12			SF Fr. 0435 to 0525 hr
FS 90 Depth(ft )	6019.0	6019.0	6057.0	0.0	0.0	FS Fr. 0525 to 0655 hr

	Field	1	2	3	4	
A. Init Hydro	3055.0	3020.0	0.0	0.0	0.0	T STARTED 0015 hr
B. First Flow	577.0	585.0	0.0	0.0	0.0	T ON BOTM 0300 hr
B1. Final Flow	564.0	660.0	0.0	0.0	0.0	T OPEN 0305 hr
C. In Shut-in	2280.0	2275.0	0.0	0.0	0.0	T PULLED 0655 hr
D. Init Flow	632.0	636.0	0.0	0.0	0.0	T OUT 0900 hr
E. Final Flow	643.0	653.0	0.0	0.0	0.0	
F. Fl Shut-in	2291.0	2280.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2945.0	2930.0	0.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 90000.00 lbs
						Initial Str Wt 85000.00 lbs
						Unseated Str Wt 85000.00 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 234.00 ft
						D.P. Length 5751.32 ft

RECOVERY

Tot Fluid 327.00 ft of 237.00 ft in DC and 90.00 ft in DP  
 5661.00 ft of Gas in pipe  
 327.00 ft of Heavy mud and gas cut condensate  
 0.00 ft of 20% gas 40% condensate 40% mud  
 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	9.00 lb/cf
Vis.	46.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	
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
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Darren Amerine
Co. Rep.	Kevin Davis
Contr.	Pickrell
Rig #	1
Unit #	
Pump T.	

BLOW DESCRIPTION

Initial Flow:  
 Strong blow bottom of bucket in  
 30 secs. gas to surface in 3 mins.  
 Initial Shut-in:  
 Bled down for 35 mins. built back  
 to 1/2" in water bucket  
 Final Flow:  
 Strong blow bottom of bucket in  
 10 secs. gauge gas  
 Final Shut-in:  
 Bled down for 35 mins. built back  
 to 4" in water bucket

SAMPLES:

SENT TO:

Test Successful: Y

GAS RECOVERY  
-----

COMPANY: Pickrell Drilling Co.

DATE: 1-28-99

WELL NAME: #1 Baker Farms "A"

KB Elev: 1909.00 ft TICKET #11799 DST #5

WELL LOCATION: 24-33s-20w Comanche co KS

GR Elev: 1904.00 ft FORMATION: Viola

INTERVAL Fr.: 5986.00 To 6060.00 T.D.: 6060.00 ft TEST TYPE: CONV

AS RECOVERY MEASURED WITH Merla Gauge

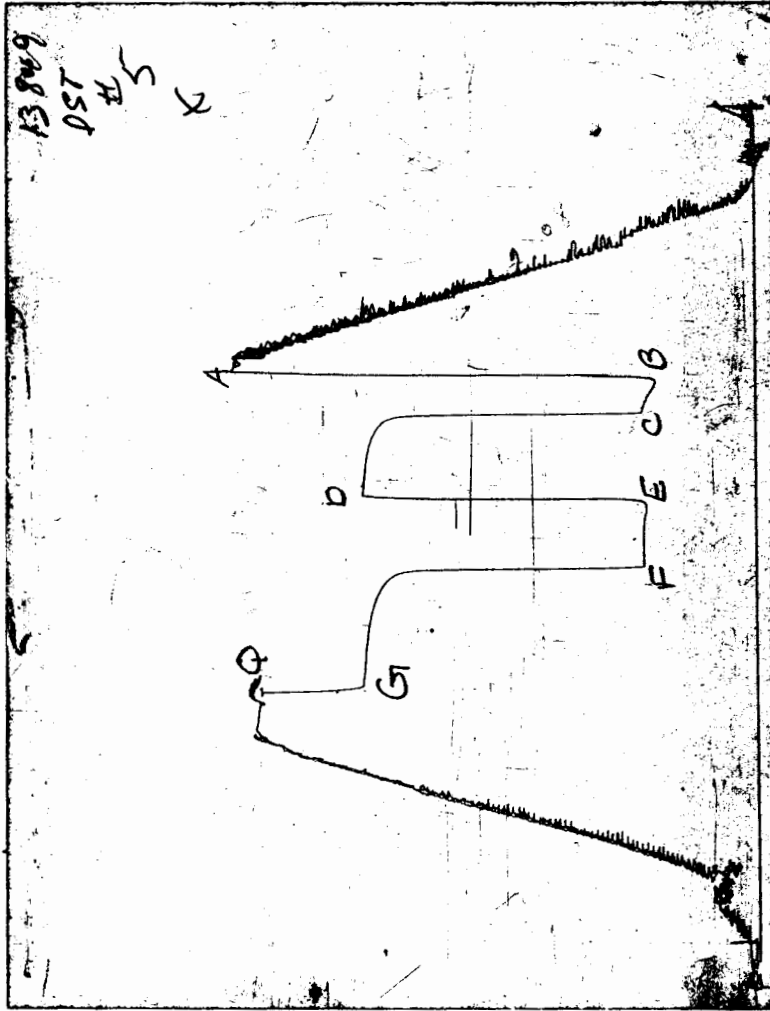
\*\*\*\* GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
8	0.75	135	0	2086000.0
13	0.75	160	0	2434000.0
18	0.75	175	0	2644000.0
23	0.75	185	0	2783000.0
28	0.75	200	0	2992000.0

\*\*\*\* GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.75	130	0	2016000.0
10	0.75	175	0	2644000.0
15	0.75	195	0	2923000.0
20	0.75	200	0	2992000.0
25	0.75	200	0	2992000.0
30	0.75	200	0	2992000.0
35	0.75	200	0	2992000.0
40	0.75	200	0	2992000.0
45	0.75	200	0	2992000.0
50	0.75	200	0	2992000.0

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 11799

Well Name & No.	#1 Baker Farms "A"	Test No.	#5	Date	01/28/1999
Company	Pickrell Drilling Co 110 N Market	Zone Tested	Viala		
Address	Suite 205 Wichita, KS 67202	Elevation	1909	KB	1904 GL
Co. Rep / Geo.	Kevin Davis	Cont.	Pickrell #1	Est. Ft. of Pay	Por. %
Location: Sec.	24	Twp.	335	Rge.	20 <sup>W</sup>
				Co.	Comanche State KS
No. of Copies	5	Distribution Sheet (Y, N)		Turnkey (Y, N)	
				Evaluation (Y, N)	

Interval Tested 5986' - 6060' Initial Str Wt./Lbs. 85,000 Unseated Str. Wt./Lbs. 85,000  
Anchor Length 74' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 90,000  
Top Packer Depth 5981' Tool Weight 2100  
Bottom Packer Depth 5986' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓  
Total Depth 6060' Wt. Pipe Run N/A Drill Collar Run 237'  
Mud Wt. 9.8 LCM 6<sup>W</sup> Vis. 46 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 5751.32

Blow Description IF: Strong blow p.o.p in 30 sec G.T.S in 3 min.  
EST: Bled down for 35 mins built back to 1/2" in 120 bucket.  
FF: Strong blow p.o.p in 10 sec. Gauge Gas.  
EST: Bled down for 35 mins built back to 4" in 120 bucket

Recovery — Total Feet 327' GIP 5661 Ft. in DC 237 Ft. in DP 90'  
Rec. 327' Feet Of HMG Condensate %gas 20% %oil 78 %water 2 %mud 0  
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 128° °F Gravity \_\_\_\_\_ °API D@ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 5000 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>3055</u>		PSI Recorder No.	<u>13849 X</u>
(B) First Initial Flow Pressure	<u>577</u>		PSI (depth)	<u>6019</u>
(C) First Final Flow Pressure	<u>654</u>		PSI Recorder No.	<u>10791</u>
(D) Initial Shut-In Pressure	<u>2280</u>		PSI (depth)	<u>6057</u>
(E) Second Initial Flow Pressure	<u>632</u>		PSI Recorder No.	
(F) Second Final Flow Pressure	<u>643</u>		PSI (depth)	
(G) Final Shut-in Pressure	<u>2291</u>		PSI Initial Opening	<u>30</u>
(Q) Final Hydrostatic Mud	<u>2945</u>		PSI Initial Shut-in	<u>60</u>
			Final Flow	<u>50</u>
			Final Shut-in	<u>90</u>

T-On Location 2200  
T-Started 0015  
T-Open 0305  
T-Pulled 0655  
T-Out 0900  
T-Off Location 0930  
Test ✓  
Jars ✓  
Safety Joint ✓  
Straddle \_\_\_\_\_  
Circ. Sub \_\_\_\_\_  
Sampler \_\_\_\_\_  
Extra Packer \_\_\_\_\_  
Elec. Rec. \_\_\_\_\_  
Mileage \_\_\_\_\_  
Other \_\_\_\_\_

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Approved By Kevin E. Davis  
Our Representative Darren J. Amerson

TOTAL PRICE \$ \_\_\_\_\_