

WELL NAME: #1-17 McClure
COMPANY: Brito Oil Company
LOCATION: 17-16S-28W
Lane County, Kansas
DATE: 4/24/98

TRILOBITE TESTING L.L.C.

OPERATOR : Brito Oil Company
WELL NAME: #1-17 McClure
LOCATION : 17-16S-28W Lane KS
INTERVAL : 3923.00 To 3940.00 ft

DATE 4-16-98
KB 2733.00 ft TICKET NO: 11225 DST #1
GR 2723.00 ft FORMATION: Lansing "A"
TD 3940.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 1403 to 1433 hr
SI 30 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 1433 to 1503 hr
SF 30 Clock(hrs)	12	12	12			SF Fr. 1503 to 1533 hr
FS 30 Depth(ft)	3935.0	3935.0	3932.0	0.0	0.0	FS Fr. 1533 to 1603 hr

	Field	1	2	3	4	
A. Init Hydro	1892.0	1883.0	0.0	0.0	0.0	T STARTED 1200 hr
B. First Flow	56.0	52.0	0.0	0.0	0.0	T ON BOTM 1400 hr
B1. Final Flow	42.0	42.0	0.0	0.0	0.0	T OPEN 1403 hr
C. In Shut-in	962.0	964.0	0.0	0.0	0.0	T PULLED 1603 hr
D. Init Flow	56.0	56.0	0.0	0.0	0.0	T OUT 1755 hr
E. Final Flow	44.0	41.0	0.0	0.0	0.0	
F. Fl Shut-in	928.0	926.0	0.0	0.0	0.0	
G. Final Hydro	1881.0	1857.0	0.0	0.0	0.0	
Inside/Outside	i	i	o			

TOOL DATA-----
Tool Wt. 4000.00 lbs
Wt Set On Packer 26000.00 lbs
Wt Pulled Loose 12000.00 lbs
Initial Str Wt 45000.00 lbs
Unseated Str Wt 45000.00 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 0.00 ft
D.P. Length 3911.00 ft

RECOVERY

Tot Fluid 20.00 ft of 0.00 ft in DC and 20.00 ft in DP
20.00 ft of Slightly oil cut watery mud
0.00 ft of 5% oil 35% water 60% 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 19500.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak 1/2" blow
Initial Shut-in:
No return
Final Flow:
Weak surface blow 1/8"
Final Shut-in:
No return

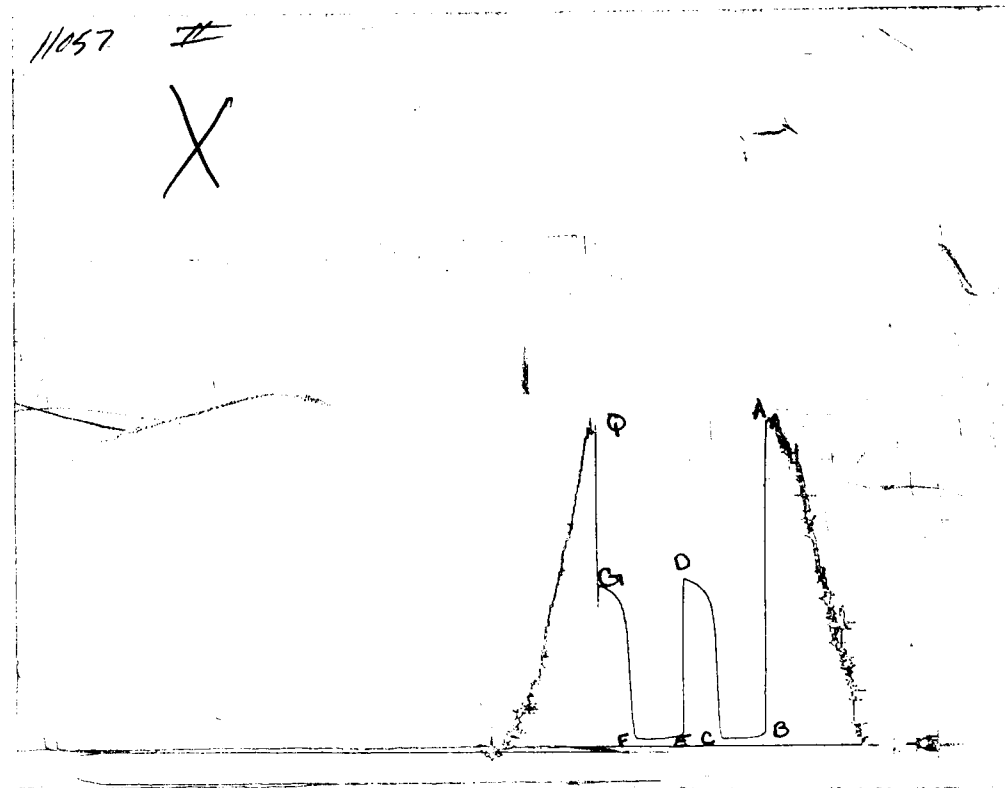
SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.10 lb/c
Vis. 49.00 S/L
W.L. 8.00 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 Shane McBride
Co. Rep. Tom Funk
Contr. White & Ellis
Rig # 9
Unit #
Pump T.

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 11225

Well Name & No. <u>#1-17 MCLure</u>	Test No. <u>#1</u>	Date <u>4-16-98</u>
Company <u>Br. to O.K. Co.</u>	Zone Tested <u>LANS "A"</u>	
Address <u>120 South Market Suite 400 Wichita KS 67202</u>	Elevation <u>2733'</u>	KB <u>2723'</u> GL
Co. Rep / Geo. <u>Tom Funk</u>	Cont. <u>W & E #9</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>17</u>	Twp. <u>16s</u>	Rge. <u>28w</u> Co. <u>Lane</u> State <u>KS</u>
No. of Copies <u>None</u>	Distribution Sheet (Y, N) _____	Turnkey (Y, N) <u>N</u> Evaluation (Y, N) _____

Interval Tested <u>3923'</u>	<u>3940'</u>	Initial Str Wt./Lbs. <u>11,000</u>	Unseated Str Wt./Lbs. <u>15,000</u>
Anchor Length _____	<u>17'</u>	Wt. Set Lbs. <u>26,000</u>	Wt. Pulled Loose/Lbs. <u>62,000</u>
Top Packer Depth _____	<u>3918'</u>	Tool Weight <u>4,000</u>	
Bottom Packer Depth _____	<u>3923'</u>	Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth _____	<u>3940'</u>	Wt. Pipe Run _____	Drill Collar Run _____
Mud Wt. <u>9.1</u> LCM <u>#1</u> Vis. <u>49</u> WL <u>8.0</u>		Drill Pipe Size <u>1 1/2 XH</u>	Ft. Run <u>3911'</u>
Blow Description <u>Weak 1/2" in blow</u>			

I.S.I: No return

F.F: Weak Surface blow 1/8" in.

F.S.I: No return

Recovery — Total Feet <u>20'</u>	GIP _____	Ft. in DC _____	Ft. in DP <u>20'</u>
Rec. <u>20'</u>	Feet Of <u>slightly cat Watery Mud</u>	%gas <u>5</u> %oil _____	%water <u>35</u> %mud <u>60</u>
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 111° °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API

RW .41 @ 59° °F Chlorides 19,500 ppm Recovery Chlorides 2,000 ppm System

(A) Initial Hydrostatic Mud <u>1892</u> PSI	Recorder No. <u>11058</u>	T-Started <u>12:00 P.M.</u>
(B) First Initial Flow Pressure <u>56</u> PSI	(depth) <u>3932'</u>	T-Open <u>14:03 P.M.</u>
(C) First Final Flow Pressure <u>44</u> PSI	Recorder No. <u>11057</u>	T-Pulled <u>16:03 P.M.</u>
(D) Initial Shut-in Pressure <u>942</u> PSI	(depth) <u>3935'</u>	T-Out <u>17:55 P.M.</u>
(E) Second Initial Flow Pressure <u>56</u> PSI	Recorder No. _____	
(F) Second Final Flow Pressure <u>44</u> PSI	(depth) _____	
(G) Final Shut-in Pressure <u>928</u> PSI	Initial Opening <u>30</u>	Test <u>X</u>
(H) Final Hydrostatic Mud <u>1881</u> PSI	Initial Shut-in <u>30</u>	Jars _____

Final Flow 30 Safety Joint _____

Final Shut-in 30 Straddle _____

Circ. Sub X N/C

Sampler _____

Extra Packer _____

Elect. Rec. _____

Other _____

TOTAL PRICE \$

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 _____

TRILOBITE TESTING L.L.C.

OPERATOR : Brito Oil Companyu

WELL NAME: #1-17 McClure

LOCATION : 17-16S-28W Lane KS

INTERVAL : 4141.00 To 4168.00 ft

DATE 4-17-98

KB 2733.00 ft

GR 2723.00 ft

TD 4168.00 ft

TICKET NO: 11051 DST #2

FORMATION: Kansas City "J"

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 1810 to 1840 hr
SI 45 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 1840 to 1925 hr
SF 60 Clock(hrs)	12	12	12			SF Fr. 1925 to 2025 hr
FS 60 Depth(ft)	4163.0	4163.0	4160.0	0.0	0.0	FS Fr. 2025 to 2125 hr

	Field	1	2	3	4	
A. Init Hydro	2015.0	2000.0	0.0	0.0	0.0	T STARTED 1545 hr
B. First Flow	44.0	56.0	0.0	0.0	0.0	T ON BOTM 1800 hr
Bl. Final Flow	67.0	63.0	0.0	0.0	0.0	T OPEN 1810 hr
C. In Shut-in	817.0	805.0	0.0	0.0	0.0	T PULLED 2125 hr
D. Init Flow	100.0	109.0	0.0	0.0	0.0	T OUT 1215 hr
E. Final Flow	145.0	150.0	0.0	0.0	0.0	
F. Fl Shut-in	772.0	783.0	0.0	0.0	0.0	
G. Final Hydro	2004.0	1994.0	0.0	0.0	0.0	TOOL DATA-----
Inside/Outside	o	o	i			Tool Wt. 4000.00 lbs

RECOVERY

Tot Fluid 330.00 ft of 0.00 ft in DC and 330.00 ft in DP

570.00 ft of Gas in pipe

30.00 ft of Clean gassy oil 20% gas 80% oil

120.00 ft of Slightly mud and water cut gassy oil

0.00 ft of 25% gas 50% oil 10% water 15% mud

120.00 ft of Slight oil cut gassy watery mud

0.00 ft of 20% gas 15% oil 30% water 35% mud

60.00 ft of Slight gasssy muddy water

0.00 ft of 10% gas 70% water 20% mud

SALINITY 19500.00 P.P.M. A.P.I. Gravity 0.00

Wt Set On Packer 26000.00 lbs

Wt Pulled Loose 73000.00 lbs

Initial Str Wt 48000.00 lbs

Unseated Str Wt 52000.00 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 0.00 ft

D.P. Length 4129.00 ft

BLOW DESCRIPTION

Initial Flow:

Bottom of bucket in 13 mins.

Initial Shut-in:

Bleed off blow for 1 min. weak

return in 3 mins. died in 10 mins.

Final Flow:

Bottom of bucket in 15 mins.

Final Shut-in:

Bleed off blow for 2 mins. return

in 2 mins. built to 3/4"

MUD DATA-----

Mud Type Chemcial

Weight 9.40 lb/cf

Vis. 44.00 S/L

W.L. 9.60 in3

F.C. 0.00 in

Mud Drop

Amt. of fill 0.00 ft

Btm. H. Temp. 121.00 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 Shane McBride

Co. Rep. Tom Funk

Contr. White & Ellis

Rig # 9

Unit #

Pump T.

SAMPLES:

SENT TO:

Test Successful: Y

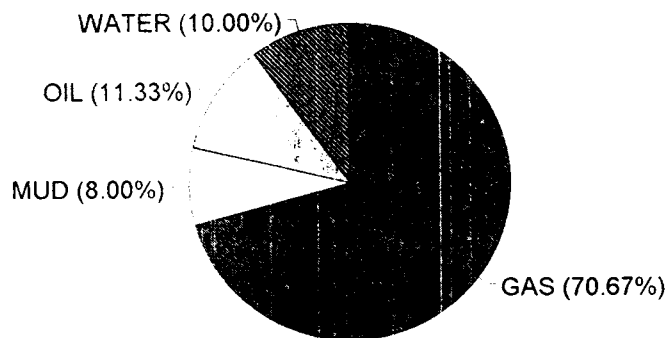
CALCULATED RECOVERY ANALYSIS

DST 2

TICKET 11051

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
DRILL 1	570	100	570	0	0		0		0
PIPE 2	30	20	6	80	24		0		0
3	120	25	30	50	60	10	12	15	18
4	120	20	24	15	18	30	36	35	42
5	60	10	6		0	70	42	20	12
6			0		0		0		0
WEIGHT 1			0		0		0		0
PIPE 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
DRILL 1			0		0		0		0
COLLARS 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	900		636		102		90		72

BBL OIL =	1.45044	*	HRS OPEN	=	BBL/DAY
BBL WATER =	1.2798	*	1.2	=	23.20704
BBL MUD =	1.02384				
BBL GAS =	9.04392				



Operator.....: Brito Oil Company
Well Name.....: 1-17 McClure
DST Number.....: 2

Location.: 17-16S-28W Lane Co. KS Recorder No...: 11057
Test Type: Conv Recorder Depth: 4163
Formation: KC "J" Test Interval.: 4141-4168

RESERVOIR CALCULATIONS: Fluid calculations based on shut-in #2

RESERVOIR PARAMETERS USED:

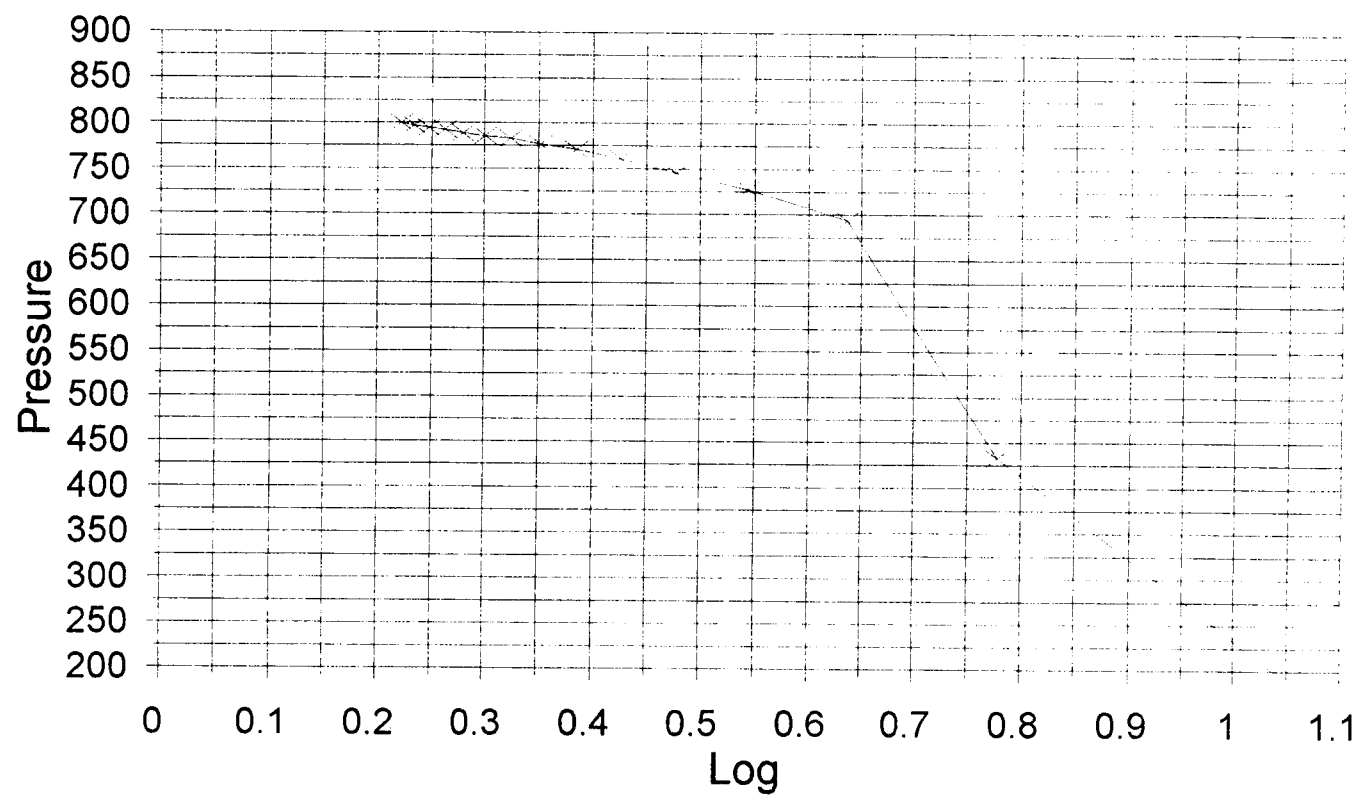
Net Pay.....	6.00 ft
Porosity.....	14.00 %
Bottom Hole Temp.....	121.00 F
Specific Gravity.....	0.031
API Gravity.....	35.00
Compressibility.....	0.000005 /psi
Viscosity.....	6.1929 cp
Total Recovery.....	330.00 ft
Total Flowing Time.....	90.00 min.
Flow Rate.....	23.21 bbls/d
Final Flowing Pressure.....	150.00 psi
Horner Slope.....	137.5970 psi/cycle
Extrapolated Pressure.....	832.89 psi
Formation Volume Factor.....	1.05 Reservoir/Surface
Well Bore Radius.....	3.94 in

RESULTS:

Effective Permeability.....	29.689814 md
Flow Capacity.....	178.1389 md.ft
Transmissibility.....	28.7650 md.ft/cp
Skin Factor.....	0.6393
Radius of Investigation.....	96.90750 ft
Damage Ratio.....	1.1260
Productivity Index.....	0.0340 bbls/psi.d
Productivity Index W/O Damage..	0.0383 bbls/psi.d

Horner Plot: Shut-in #1

P *840.76 Slope 177.999



Horner Plot: Shut-in #2

P* 832.89 Slope 137.597

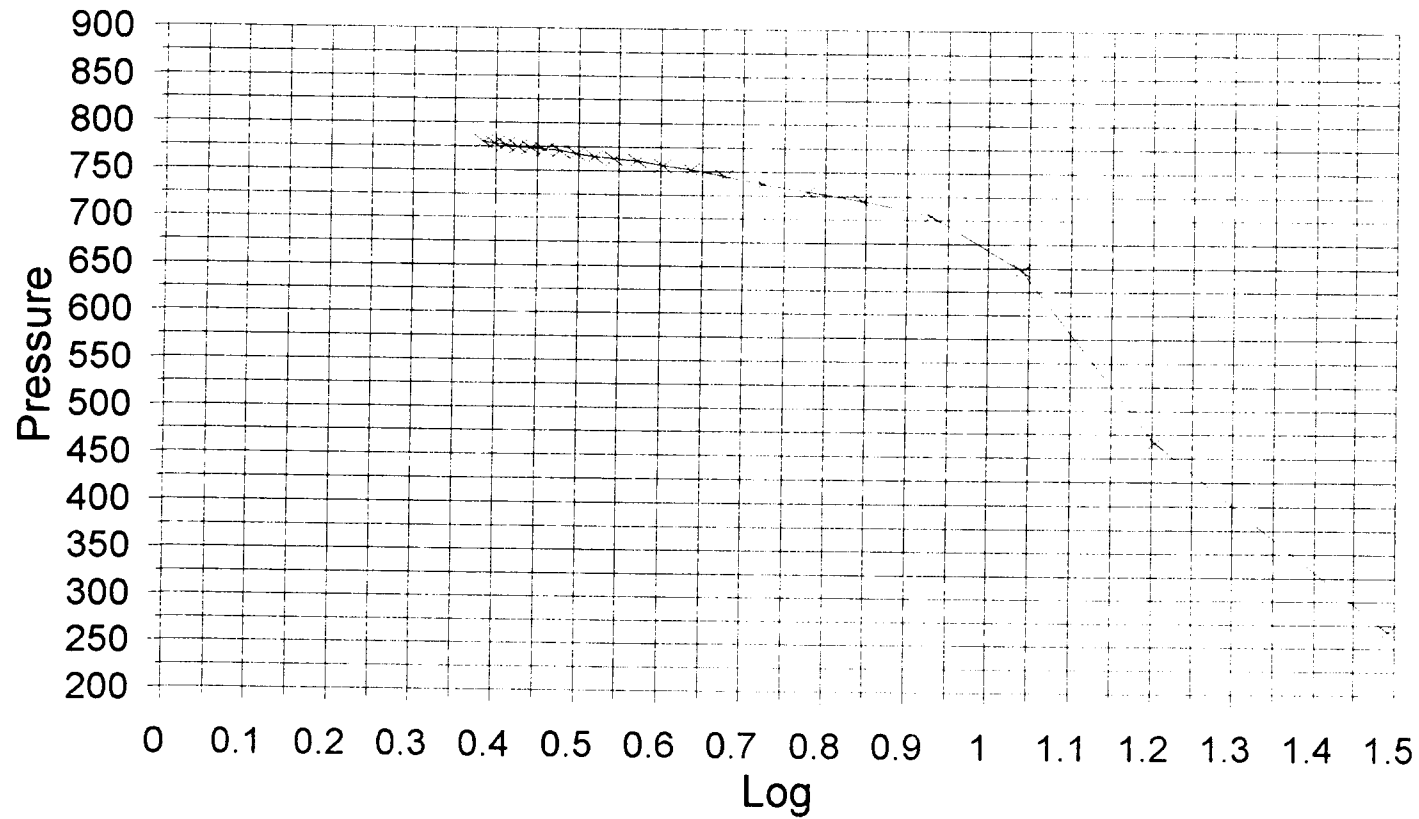
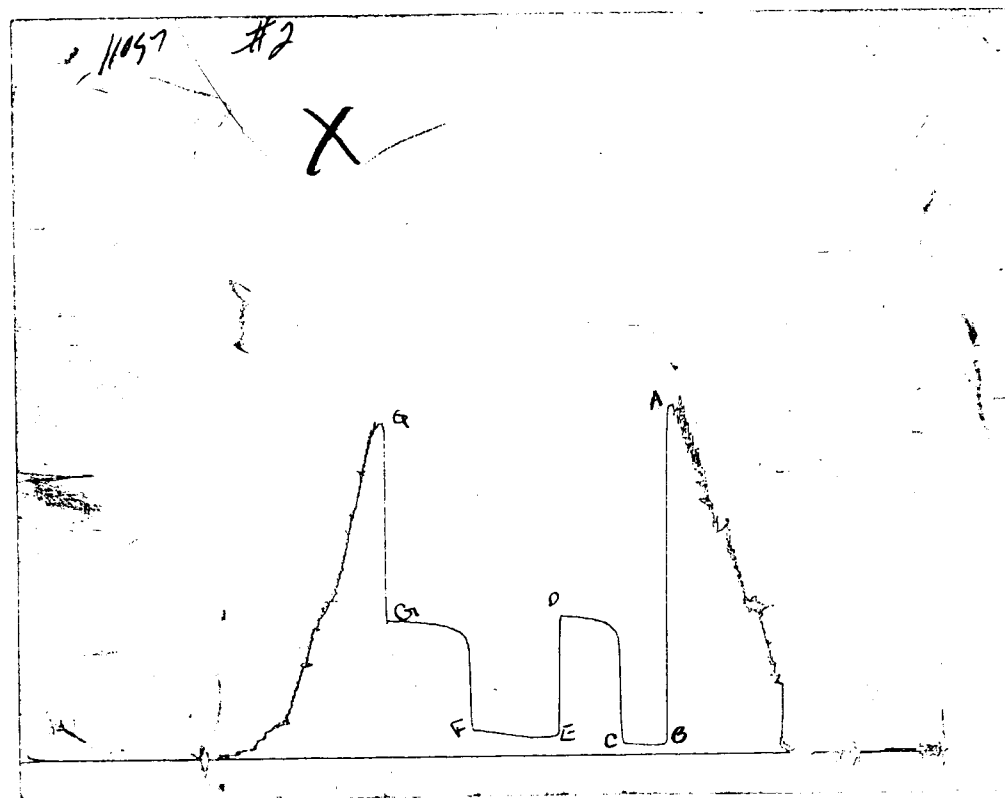


CHART PAGE



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

AK-1 Recorder Increments Listings

Test: 1-17 McClure

Date: 4-21-98

DST #2

	Time	Pressure PSIg	<> Pressure
***Start Flow 1	3	56.0	56.0
	6	56.0	0.0
	9	56.0	0.0
	12	56.0	0.0
	15	56.0	0.0
	18	56.0	0.0
	21	57.0	1.0
	24	59.0	2.0
	27	60.0	1.0
	30	61.0	1.0
	33	62.0	1.0
	36	63.0	1.0

	Time	Pressure PSIg	Log Horn T	<> Pressure	(T+dT)/dT

***Start Shutin 1	3	196.0	1.041	196.0	11.0
	6	433.0	0.778	237.0	6.0
	9	694.0	0.637	261.0	4.3
	12	728.0	0.544	34.0	3.5
	15	746.0	0.477	18.0	3.0
	18	761.0	0.426	15.0	2.7
	21	771.0	0.385	10.0	2.4
	24	777.0	0.352	6.0	2.3
	27	783.0	0.325	6.0	2.1
	30	786.0	0.301	3.0	2.0
	33	789.0	0.281	3.0	1.9
	36	793.0	0.263	4.0	1.8
	39	795.0	0.248	2.0	1.8
	42	797.0	0.234	2.0	1.7
	45	800.0	0.222	3.0	1.7
	48	803.0	0.211	3.0	1.6
	51	805.0	0.201	2.0	1.6

	Time	Pressure PSIg	◇ Pressure
***Start Flow 2	3	109.0	109.0
	6	109.0	0.0
	9	109.0	0.0
	12	109.0	0.0
	15	109.0	0.0
	18	109.0	0.0
	21	109.0	0.0
	24	112.0	0.0
	27	114.0	0.0
	30	118.0	3.0
	33	122.0	2.0
	36	124.0	4.0
	39	126.0	4.0
	42	130.0	2.0
	45	133.0	2.0
	48	137.0	4.0
	51	139.0	3.0
	54	142.0	4.0
	57	146.0	2.0
	60	147.0	3.0
	63	150.0	4.0

	Time	Pressure PSIg	Log Horn T	<> Pressure	(T+dT)/dT
***Start Shutin 2	3	269.0	1.491	269.0	31.0
	6	467.0	1.204	198.0	16.0
	9	648.0	1.041	181.0	11.0
	12	705.0	0.929	57.0	8.5
	15	720.0	0.845	15.0	7.0
	18	729.0	0.778	9.0	6.0
	21	737.0	0.723	8.0	5.3
	24	745.0	0.677	8.0	4.8
	27	752.0	0.637	7.0	4.3
	30	756.0	0.602	4.0	4.0
	33	761.0	0.571	5.0	3.7
	36	763.0	0.544	2.0	3.5
	39	765.0	0.520	2.0	3.3
	42	768.0	0.497	3.0	3.1
	45	771.0	0.477	3.0	3.0
	48	772.0	0.459	1.0	2.9
	51	774.0	0.442	2.0	2.8
	54	775.0	0.426	1.0	2.7
	57	777.0	0.411	2.0	2.6
	60	779.0	0.398	2.0	2.5
	63	780.0	0.385	1.0	2.4
	66	782.0	0.374	2.0	2.4
	69	783.0	0.363	1.0	2.3

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11051

Well Name & No. <u>#1-17 McClure</u>	Test No. <u>#2</u>	Date <u>4-12-98</u>
Company <u>Brito Oil Co.</u>	Zone Tested <u>KC "J"</u>	
Address <u>170 South Market Suite 400 Wichita KS 67202</u>		Elevation <u>2733'</u> KB <u>2723'</u> GL
Co. Rep / Geo. <u>Tom Funk</u>	Cont. <u>W3C #9</u>	Est. Ft. of Pay <u>60</u> Por. <u>14</u> %
Location: Sec. <u>17</u>	Twp. <u>16S</u>	Rge. <u>28W</u> Co. <u>Lane</u> State <u>KS</u>
No. of Copies <u>Norm</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>4141</u>	<u>4168</u>	Initial Str Wt./Lbs. <u>48,000</u>	Unseated Str Wt./Lbs. <u>52,000</u>
Anchor Length _____	<u>27'</u>	Wt. Set Lbs. <u>26,000</u>	Wt. Pulled Loose/Lbs. <u>73,000</u>
Top Packer Depth _____	<u>4136'</u>	Tool Weight <u>4,000</u>	
Bottom Packer Depth _____	<u>4141'</u>	Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth _____	<u>4168'</u>	Wt. Pipe Run _____	Drill Collar Run _____
Mud Wt. <u>94</u> LCM _____	Vis. <u>44</u> WL <u>9.4</u>	Drill Pipe Size <u>4 1/2 x 11</u>	Ft. Run <u>4129'</u>

Blow Description B.O.B in 13 min
Bleed off blow for 1 min - weak return in 3 min, died in 10 min.
B.O.B in 15 min

Bleed off blow for 2 min return in 2 min built to 3/4" in.
 Recovery — Total Feet 330' GIP 570' Ft. in DC _____ Ft. in DP 330'

Rec. <u>30'</u>	Feet Of <u>clean gassy oil</u>	<u>20</u> %gas	<u>80</u> %oil	%water	%mud
Rec. <u>120'</u>	Feet Of <u>Slightly muddy water Cutgassy oil</u>	<u>25</u> %gas	<u>50</u> %oil	<u>10</u> %water	<u>15</u> %mud
Rec. <u>120'</u>	Feet Of <u>SOC g w m</u>	<u>20</u> %gas	<u>15</u> %oil	<u>30</u> %water	<u>35</u> %mud
Rec. <u>60'</u>	Feet Of <u>Sg in w spec oil</u>	<u>10</u> %gas	<u>5</u> %oil	<u>70</u> %water	<u>20</u> %mud
Rec. _____	Feet Of _____	%gas	%oil	%water	%mud

BHT 121° °F Gravity 33 °API D @ 40° °F Corrected Gravity 35 °API
 RW 478 @ 50 °F Chlorides 19,500 ppm Recovery Chlorides 3,000 ppm System

(A) Initial Hydrostatic Mud <u>2015</u>	PSI	Recorder No. <u>11058</u>	T-Started <u>15:45 P.M.</u>
(B) First Initial Flow Pressure <u>44</u>	PSI	(depth) <u>4160'</u>	T-Open <u>18:10 P.M.</u>
(C) First Final Flow Pressure <u>67</u>	PSI	Recorder No. <u>11057</u>	T-Pulled <u>21:25 P.M.</u>
(D) Initial Shut-in Pressure <u>817</u>	PSI	(depth) <u>4163'</u>	T-Out <u>12:15 A.M.</u>
(E) Second Initial Flow Pressure <u>100</u>	PSI	Recorder No. _____	
(F) Second Final Flow Pressure <u>145</u>	PSI	(depth) _____	
(G) Final Shut-in Pressure <u>772</u>	PSI	Initial Opening <u>30</u>	Test <u>x</u>
(H) Final Hydrostatic Mud <u>2004</u>	PSI	Initial Shut-in <u>45</u>	Jars _____

Final Flow 60 Safety Joint _____
 Final Shut-in 60 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 [Signature]

Circ. Sub x N/C
 Sampler _____
 Extra Packer _____
 Elect. Rec. _____
 Other _____

TRILOBITE TESTING L.L.C.

OPERATOR : Brito Oil Company
WELL NAME: #1-17 McClure
LOCATION : 17-16S-28W Lane Ks
INTERVAL : 4210.00 To 4240.00 ft

DATE 4-18-98
KB 2733.00 ft TICKET NO: 11052 DST #3
GR 2723.00 ft FORMATION: Kansas City "L"
TD 4240.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 1225 to 1255 hr
SI 45 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 1255 to 1340 hr
SF 30 Clock(hrs)	12	12	12			SF Fr. 1340 to 1410 hr
FS 45 Depth(ft)	4235.0	4235.0	4230.0	0.0	0.0	FS Fr. 1410 to 1455 hr

	Field	1	2	3	4	
A. Init Hydro	2095.0	2088.0	0.0	0.0	0.0	T STARTED 1225 hr
B. First Flow	44.0	51.0	0.0	0.0	0.0	T ON BOTM 1220 hr
B1. Final Flow	44.0	51.0	0.0	0.0	0.0	T OPEN 1225 hr
C. In Shut-in	739.0	738.0	0.0	0.0	0.0	T PULLED 1455 hr
D. Init Flow	56.0	62.0	0.0	0.0	0.0	T OUT 1710 hr
E. Final Flow	56.0	54.0	0.0	0.0	0.0	
F. Fl Shut-in	694.0	694.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2093.0	2075.0	0.0	0.0	0.0	Tool Wt. 4000.26 lbs
Inside/Outside	o	o	i			Wt Set On Packer 0.00 lbs
						Wt Pulled Loose 67000.00 lbs
						Initial Str Wt 48000.00 lbs
						Unseated Str Wt 50000.00 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 0.00 ft
						D.P. Length 4219.00 ft

RECOVERY

Tot Fluid 30.00 ft of 0.00 ft in DC and 30.00 ft in DP
150.00 ft of Gas in pipe
30.00 ft of Oil cut gassy mud 25% gas 10% oil 65% 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:
1/4" at open built to 3 1/4"
Initial Shut-in:
No return
Final Flow:
14" at open built to 3"
Final Shut-in:
No return

SAMPLES:
SENT TO:

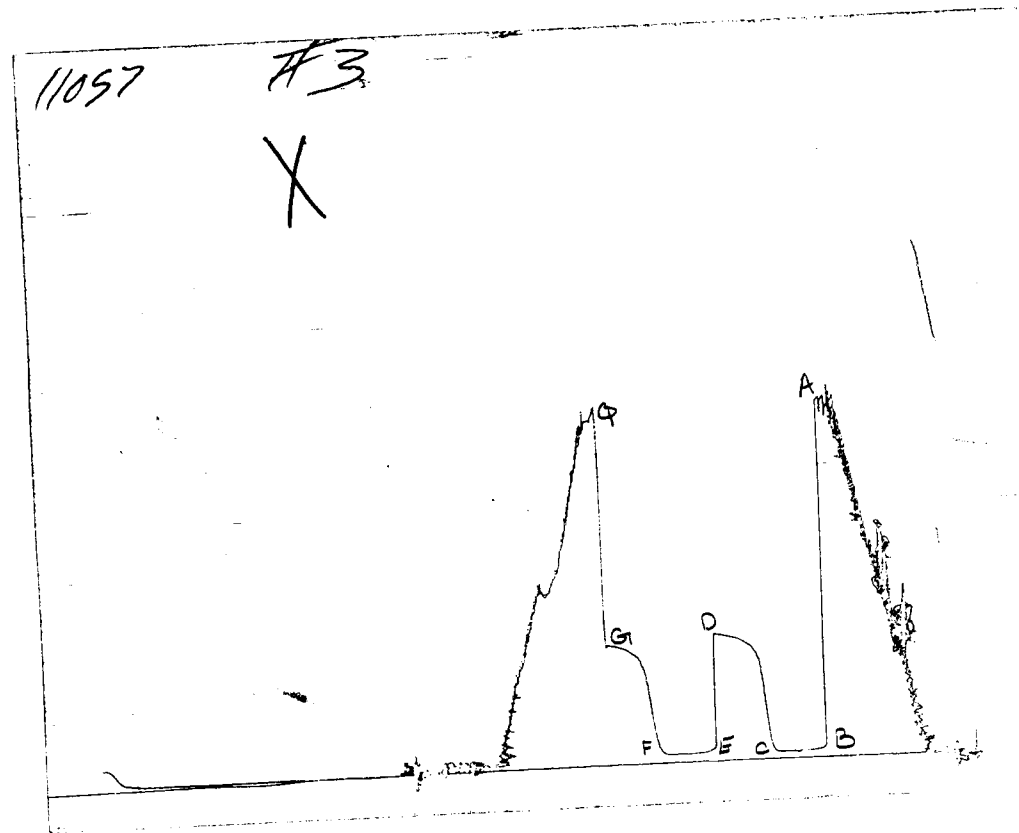
MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	54.00 S/L
W.L.	9.40 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 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	Shane McBride
Co. Rep.	Tom Funk
Contr.	White & Ellis
Rig #	9
Unit #	
Pump T.	

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 11052

Well Name & No.	#1-17 m ^c Clure	Test No.	#3	Date	4-18-98
Company	Brato Oil Co.	Zone Tested	KL "L"		
Address	6205 Market Suite 400 Wichita KS 67202	Elevation	2733'	KB	2723' GL
Co. Rep / Geo.	Tom Funk	Cont.	W 3/4" #9	Est. Ft. of Pay	Por. %
Location: Sec.	17	Twp.	14	Rge.	28
		Co.	Lane	State	KS
No. of Copies	None	Distribution Sheet (Y, N)	N	Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	4210	4240	Initial Str Wt./Lbs.	48,000	Unseated Str Wt./Lbs.	50,000
Anchor Length		30	Wt. Set Lbs.	2,000	Wt. Pulled Loose/Lbs.	67,000
Top Packer Depth		4205	Tool Weight	4,000		
Bottom Packer Depth		4210	Hole Size — 7 7/8"	✓	Rubber Size — 6 3/4"	✓
Total Depth		4240	Wt. Pipe Run		Drill Collar Run	
Mud Wt.	9.1	LCM #1/2 Vis. 54	WL 9.4	Drill Pipe Size	4 1/2 X H	Ft. Run 4219'
Blow Description	1/4" @ open built to 3 1/4" in.					

R.S.I: No return

R.S.I: 1/4" @ open built to 3" in.

R.S.I: No return

Recovery — Total Feet	30'	GIP	150'	Ft. in DC	—	Ft. in DP	30'
Rec.	30'	Feet Of	Oil cut gassy mud	25 % gas	10 % oil	% water	65 % 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

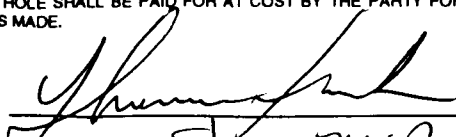
BHT	120°	°F Gravity	—	°API D @	—	°F Corrected Gravity	—	°API
RW	—	@	—	°F Chlorides	—	ppm Recovery	3,500	ppm System

(A) Initial Hydrostatic Mud	2095	PSI	Recorder No.	11058	T-Started	11:15 AM
(B) First Initial Flow Pressure	44	PSI	(depth)	4230'	T-Open	12:25 PM
(C) First Final Flow Pressure	44	PSI	Recorder No.	11057	T-Pulled	14:55 PM
(D) Initial Shut-in Pressure	738	PSI	(depth)	4235'	T-Out	17:10 PM
(E) Second Initial Flow Pressure	56	PSI	Recorder No.			
(F) Second Final Flow Pressure	56	PSI	(depth)			
(G) Final Shut-in Pressure	694	PSI	Initial Opening	30	Test X	
(H) Final Hydrostatic Mud	2083	PSI	Initial Shut-in	45	Jars	

Final Flow	30	Safety Joint	
Final Shut-in	45	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



Circ. Sub	X	N/C
Sampler		
Extra Packer		
Elect. Rec.		
Other		

TRILOBITE TESTING L.L.C.

OPERATOR : Brito Oil Company
WELL NAME: #1-17 McClure
LOCATION : 17-16S-28W Lane KS
INTERVAL : 4241.42 To 4255.00 ft

DATE 4-18-98
KB 2733.00 ft TICKET NO: 11053 DST #4
GR 2723.00 ft FORMATION: Lower "L"
TD 4255.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 0120 to 0150 hr
SI 30 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 0150 to 0220 hr
SF 30 Clock(hrs)	12	12	12			SF Fr. 0220 to 0250 hr
FS 30 Depth(ft)	4250.0	4250.0	4246.0	0.0	0.0	FS Fr. 0250 to 0320 hr

	Field	1	2	3	4	
A. Init Hydro	2095.0	2101.0	0.0	0.0	0.0	T STARTED 2315 hr
B. First Flow	56.0	72.0	0.0	0.0	0.0	T ON BOTM 0115 hr
B1. Final Flow	44.0	59.0	0.0	0.0	0.0	T OPEN 0120 hr
C. In Shut-in	772.0	770.0	0.0	0.0	0.0	T PULLED 0320 hr
D. Init Flow	44.0	63.0	0.0	0.0	0.0	T OUT 0525 hr
E. Final Flow	33.0	52.0	0.0	0.0	0.0	
F. Fl Shut-in	728.0	755.0	0.0	0.0	0.0	
G. Final Hydro	2083.0	2063.0	0.0	0.0	0.0	

	Field	1	2	3	4	
Inside/Outside	o	o	i			

RECOVERY

Tot Fluid 5.00 ft of 0.00 ft in DC and 5.00 ft in DP
5.00 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:
1/2" blow
Initial Shut-in:
No return
Final Flow:
1/8" blow
Final Shut-in:
No return

SAMPLES:
SENT TO:

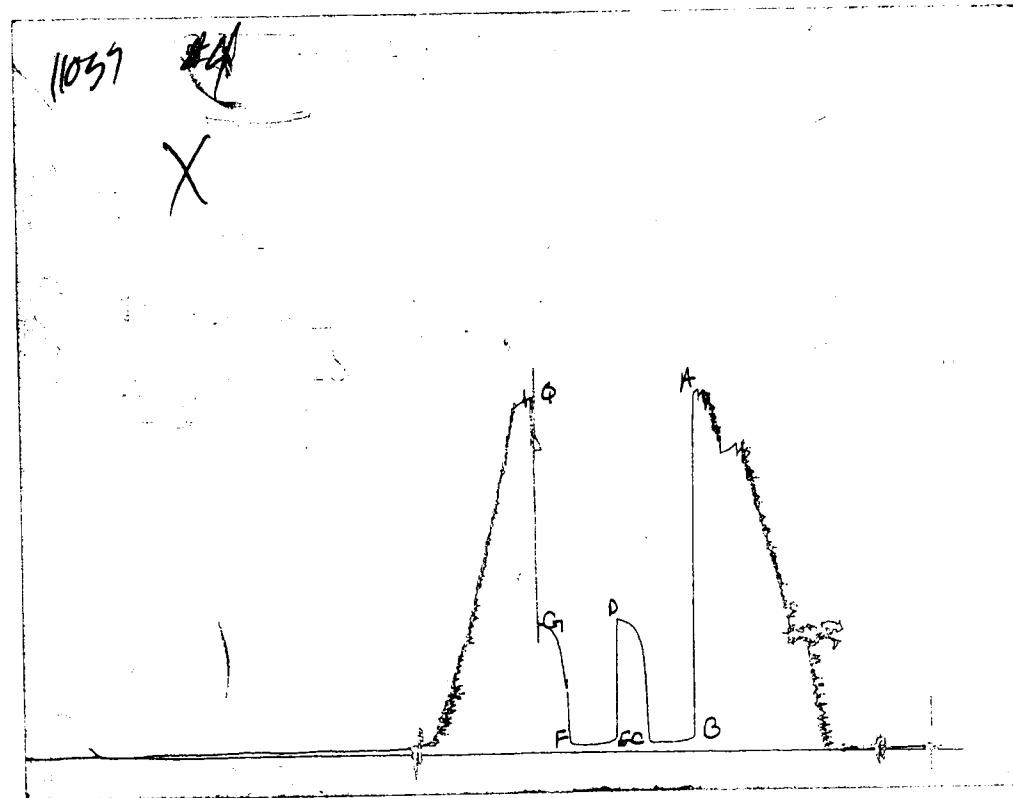
MUD DATA-----

Mud Type	Chemcial
Weight	9.10 lb/c
Vis.	52.00 S/L
W.L.	9.40 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	119.00 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	Shane McBride
Co. Rep.	Tom Funk
Contr.	White & Ellis
Rig #	9
Unit #	
Pump T.	

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 11053

Well Name & No. <u>#1-12 McClure</u>	Test No. <u>#4</u>	Date <u>4-8-98</u>
Company <u>Brito Oil Co.</u>	Zone Tested <u>lower "L"</u>	
Address <u>120 S Market Suite 400 Wichita KS 67202</u>	Elevation <u>2233</u>	KB <u>223</u> GL
Co. Rep / Geo. <u>Tom Frank</u>	Cont. <u>W&E #9</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>17</u> Twp. <u>16</u> Rge. <u>28</u>	Co. <u>LANE</u>	State <u>KS</u>
No. of Copies <u>None</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4241</u>	<u>4255</u>	Initial Str Wt./Lbs. <u>48,000</u>	Unseated Str Wt./Lbs. <u>48,000</u>
Anchor Length <u> </u>	<u>14</u>	Wt. Set Lbs. <u>26,000</u>	Wt. Pulled Loose/Lbs. <u>70,000</u>
Top Packer Depth <u> </u>	<u>4236</u>	Tool Weight <u>4,000</u>	
Bottom Packer Depth <u> </u>	<u>4241</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u> </u>	<u>4255</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u> </u>
Mud Wt. <u>9.1</u> LCM <u>#1/2</u> Vis. <u>52</u> WL <u>9.4</u>		Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4237</u>
Blow Description <u>1/2" in blow</u>			

No return

1/8" in blow

No return

Recovery — Total Feet <u>5'</u>	GIP <u> </u>	Ft. in DC <u> </u>	Ft. in DP <u>5'</u>
Rec. <u>5'</u> Feet Of <u>Drill Mud</u>	%gas <u> </u>	%oil <u> </u>	%water <u>100</u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>

BHT 119° °F Gravity °API D@ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 3,500 ppm System

(A) Initial Hydrostatic Mud <u>2095</u> PSI	Recorder No. <u>11058</u>	T-Started <u>23:15 PM</u>
(B) First Initial Flow Pressure <u>56</u> PSI	(depth) <u>4246'</u>	T-Open <u>01:20 AM</u>
(C) First Final Flow Pressure <u>44</u> PSI	Recorder No. <u>11057</u>	T-Pulled <u>03:20 AM</u>
(D) Initial Shut-in Pressure <u>772</u> PSI	(depth) <u>4250'</u>	T-Out <u>05:25 AM</u>
(E) Second Initial Flow Pressure <u>44</u> PSI	Recorder No. <u> </u>	
(F) Second Final Flow Pressure <u>33</u> PSI	(depth) <u> </u>	
(G) Final Shut-in Pressure <u>738</u> PSI	Initial Opening <u>30</u>	Test <u>X</u>
(H) Final Hydrostatic Mud <u>2083</u> PSI	Initial Shut-in <u>30</u>	Jars <u> </u>

Final Flow 30 Safety Joint

Final Shut-in 30 Straddle

Circ. Sub X N/C

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 : Brito Oil Company
WELL NAME: #1-17 McClure
LOCATION : 17-16S-28W Lane KS
INTERVAL : 4503.00 To 4518.00 ft

DATE 4-20-98
KB 2733.00 ft TICKET NO: 11054 DST #5
GR 2723.00 ft FORMATION: Cherokee Sand
TD 4518.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 0755 to 0825 hr
SI 30 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 0825 to 0855 hr
SF 30 Clock(hrs)	12	12	12			SF Fr. 0855 to 0925 hr
FS 30 Depth(ft)	4513.0	4513.0	4509.0	0.0	0.0	FS Fr. 0925 to 0955 hr

	Field	1	2	3	4	
A. Init Hydro	2264.0	2278.0	0.0	0.0	0.0	T STARTED 0615 hr
B. First Flow	45.0	69.0	0.0	0.0	0.0	T ON BOTM 0750 hr
B1. Final Flow	44.0	50.0	0.0	0.0	0.0	T OPEN 0755 hr
C. In Shut-in	145.0	141.0	0.0	0.0	0.0	T PULLED 0955 hr
D. Init Flow	45.0	66.0	0.0	0.0	0.0	T OUT 1125 hr
E. Final Flow	44.0	56.0	0.0	0.0	0.0	
F. Fl Shut-in	67.0	61.0	0.0	0.0	0.0	
G. Final Hydro	2253.0	2239.0	0.0	0.0	0.0	
Inside/Outside	o	o	i			

RECOVERY

Tot Fluid 3.00 ft of 0.00 ft in DC and 3.00 ft in DP
3.00 ft of Drilling mud good show of free oil
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

TOOL DATA-----
Tool Wt. 4000.00 lbs
Wt Set On Packer 26000.00 lbs
Wt Pulled Loose 73000.00 lbs
Initial Str Wt 51000.00 lbs
Unseated Str Wt 51000.00 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 0.00 ft
D.P. Length 4498.00 ft

BLOW DESCRIPTION

Initial Flow:
Weak 1/4" blow
Initial Shut-in:
No return
Final Flow:
Bubble to open tool, no blow
Final Shut-in:
No return

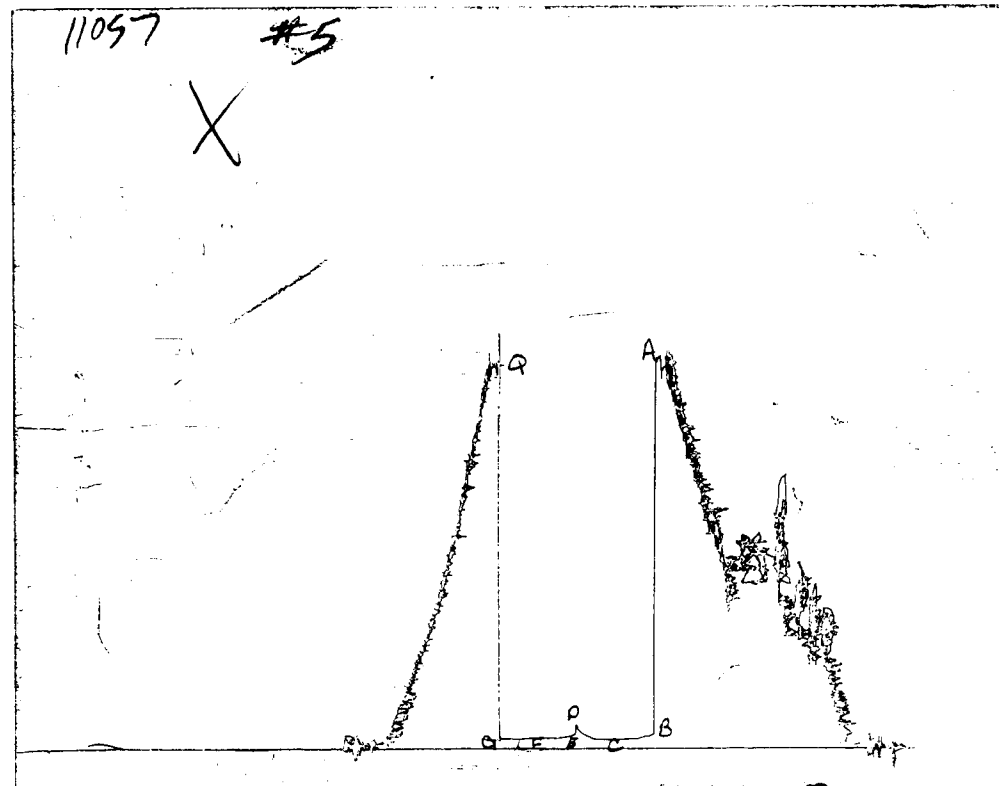
MUD DATA-----
Mud Type Chemical
Weight 9.40 lb/
Vis. 44.00 S/L
W.L. 8.00 in3
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 121.00 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 Shane McBride
Co. Rep. Tom Funk
Contr. White & Ellis
Rig # 9
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 11054

Well Name & No.	<u>McClure 1-17</u>	Test No.	<u>#5</u>	Date	<u>4-20-88</u>
Company	<u>Brito O.L. Co.</u>	Zone Tested	<u>Cherokee sand</u>		
Address	<u>205 Market Suite 400 Wichita KS 67202</u>	Elevation	<u>2233</u>	KB	<u>2723</u> GL
Co. Rep / Geo.	<u>Tom Funk</u>	Cont.	<u>W 1/2 E #9</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>17</u>	Twp.	<u>16</u>	Rge.	<u>28</u> Co. <u>Lawe</u> State <u>KS</u>
No. of Copies	<u>Norm</u>	Distribution Sheet (Y, N)	<u>X</u>	Turnkey (Y, N)	<u>N</u> Evaluation (Y, N) <u> </u>

Interval Tested	<u>4503</u>	<u>4518</u>	Initial Str Wt./Lbs.	<u>51,000</u>	Unseated Str Wt./Lbs.	<u>51,000</u>
Anchor Length	<u> </u>	<u>15</u>	Wt. Set Lbs.	<u>26,000</u>	Wt. Pulled Loose/Lbs.	<u>73,000</u>
Top Packer Depth	<u> </u>	<u>4498</u>	Tool Weight	<u>4,000</u>		
Bottom Packer Depth	<u> </u>	<u>4503</u>	Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒		
Total Depth	<u> </u>	<u>4518</u>	Wt. Pipe Run	<u> </u>	Drill Collar Run	<u> </u>
Mud Wt.	<u>9.4</u>	LCM <u>1/2</u>	Vis.	<u>44</u>	WL	<u>8.0</u>
Blow Description	<u>Weak 1/4" in blow</u>					
	<u>No return</u>					
	<u>Bubble to open tool - No blow</u>					
	<u>No return</u>					

Recovery — Total Feet	<u>3'</u>	GIP	<u> </u>	Ft. in DC	<u> </u>	Ft. in DP	<u>3'</u>
Rec.	<u>3'</u>	Feet Of	<u>Dr. lg Mud (good show of free oil on top 6")</u>	%gas	<u>6" on top</u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
BHT	<u>121°</u>	°F Gravity	<u> </u>	°API D@	<u> </u>	°F Corrected Gravity	<u> </u>
RW	<u> </u>	@	<u> </u>	°F Chlorides	<u> </u>	ppm Recovery	<u>4,000</u>
(A) Initial Hydrostatic Mud	<u>2264</u>	PSI	Recorder No.	<u>11058</u>	T-Started	<u>06:15 A.M.</u>	
(B) First Initial Flow Pressure	<u>56</u>	PSI	(depth)	<u>4509'</u>	T-Open	<u>07:55 A.M.</u>	
(C) First Final Flow Pressure	<u>44</u>	PSI	Recorder No.	<u>11057</u>	T-Pulled	<u>09:55 A.M.</u>	
(D) Initial Shut-in Pressure	<u>145</u>	PSI	(depth)	<u>4513'</u>	T-Out	<u>11:25 A.M.</u>	
(E) Second Initial Flow Pressure	<u>56</u>	PSI	Recorder No.	<u> </u>			
(F) Second Final Flow Pressure	<u>44</u>	PSI	(depth)	<u> </u>			
(G) Final Shut-in Pressure	<u>67</u>	PSI	Initial Opening	<u>30</u>	Test	<u>X</u>	
(H) Final Hydrostatic Mud	<u>2253</u>	PSI	Initial Shut-in	<u>30</u>	Jars	<u> </u>	

Final Flow	<u>30</u>	Safety Joint	<u> </u>
Final Shut-in	<u>30</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 Tom Funk

Our Representative Shirley B. B.

Circ. Sub X N/C
 Sampler
 Extra Packer
 Elect. Rec.
 Other
 TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

OPERATOR : Brito Oil Company

DATE 4-21-98

WELL NAME: #1-17 McClure

KB 2733.00 ft

TICKET NO: 11055

DST #6

LOCATION : 17-16S-28W Lane KS

GR 2723.00 ft

FORMATION: K

INTERVAL : 4175.00 To 4205.00 ft

TD 4205.00 ft

TEST TYPE: CONV STRADDLE

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 8 Rec.	11057	11057	2023	11058		PF Fr. 0640 to 0648 hr
SI 0 Range(Psi)	4500.0	4500.0	4000.0	4475.0	0.0	IS Fr. to hr
SF 0 Clock(hrs)	12	12	12	12		SF Fr. to hr
FS 0 Depth(ft)	4198.0	4198.0	4177.0	4631.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 0415 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 0635 hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 0640 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 0648 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 0850 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	0.0	0.0	0.0	0.0	0.0	Tool Wt. 8000.00 lbs
Inside/Outside	o	o	i	s		Wt Set On Packer 33000.00 lbs
						Wt Pulled Loose 76000.00 lbs
						Initial Str Wt 54000.00 lbs
						Unseated Str Wt 57000.00 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 0.00 ft
						D.P. Length 4592.00 ft

RECOVERY

Tot Fluid 360.00 ft of 0.00 ft in DC and 360.00 ft in DP
 360.00 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
 0.00 ft of

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

BLOW DESCRIPTION

Mud seeping around packers, pulled tool
 2 packers ruined, changed packers,
 anchor, and tail pipe

MUD DATA-----

Mud Type Chemcial
 Weight 9.30 lb/
 Vis. 54.00 S/L
 W.L. 9.60 in3
 F.C. 0.00 in
 Mud Drop

Amt. of fill 0.00 ft
 Btm. H. Temp. 118.00 F
 Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 3
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased
 Tester Shane MrBride
 Co. Rep. Tom Funk
 Contr. White & Ellis
 Rig # 9
 Unit #
 Pump T.

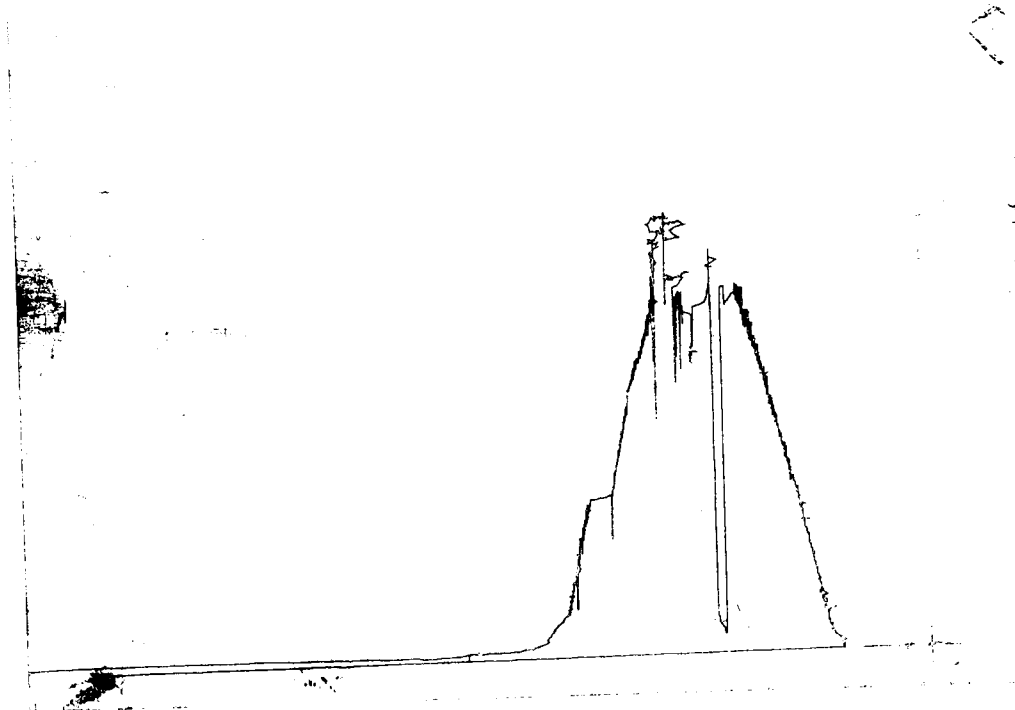
SAMPLES:

SENT TO:

Test Successful: N

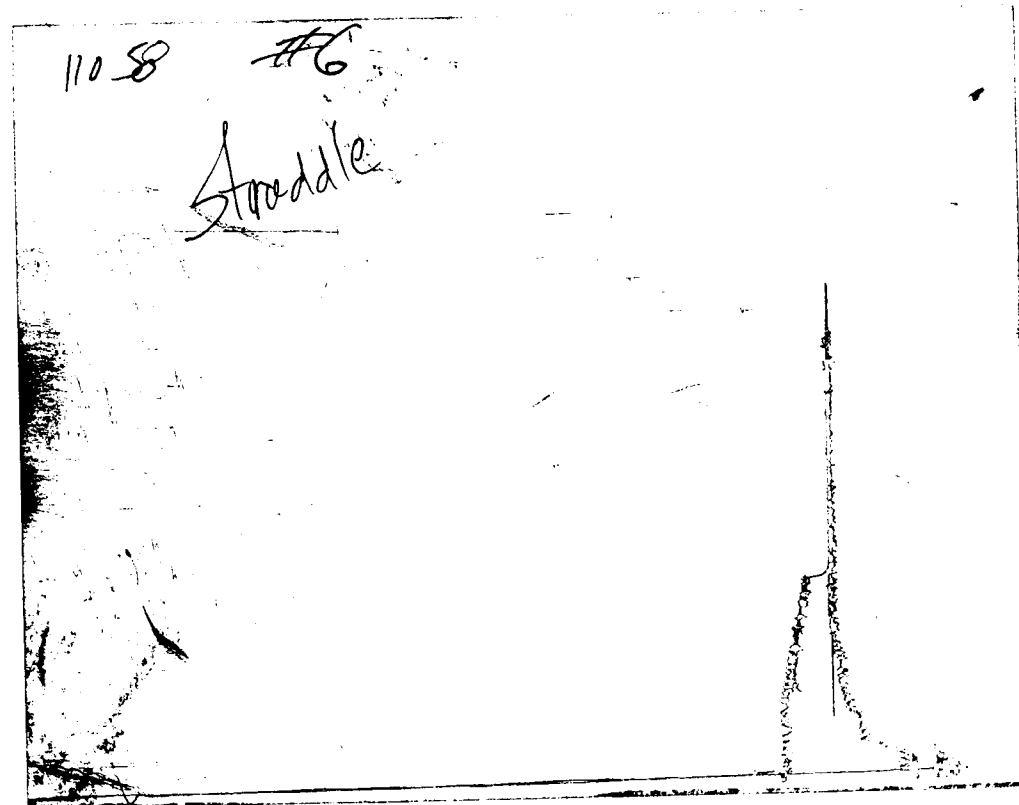
CHART PAGE

11057 #6



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

CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11055

Well Name & No.	<u>M4Clare 1-17</u>	Test No.	<u>6</u>	Date	<u>4-21-98</u>
Company	<u>Beto Oil Co.</u>	Zone Tested	<u>K</u>		
Address	<u>1205 Market Suite 400</u>	Elevation	<u>2733</u>	KB	<u>2223</u> GL
Co. Rep / Geo.	<u>Tom Funk</u>	Cont.	<u>W3E #9</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>17</u>	Twp.	<u>14</u>	Rge.	<u>28</u> Co. <u>Lane</u> State <u>KS</u>
No. of Copies	<u>None</u>	Distribution Sheet (Y, N)	<u>N</u>	Turnkey (Y, N)	<u>N</u> Evaluation (Y, N) <u>N</u>

Interval Tested	<u>4175'</u>	<u>4205'</u>	Initial Str Wt./Lbs.	<u>54,000</u>	Unseated Str Wt./Lbs.	<u>57,000</u>
Anchor Length	<u>30'</u>		Wt. Set Lbs.	<u>33,000</u>	Wt. Pulled Loose/Lbs.	<u>76,000</u>
Top Packer Depth	<u>4170'</u>	<u>4175'</u>	Tool Weight	<u>8,000</u>		
Bottom Packer Depth	<u>4205</u>		Hole Size — 7 7/8"	<u>✓</u>	Rubber Size — 6 3/4"	<u>✓</u>
Total Depth	<u>Loggers T.D. → 4634'</u>		Wt. Pipe Run	<u> </u>	Drill Collar Run	<u> </u>
Mud Wt.	<u>9.3</u>	LCM <u>1/2</u> Vis. <u>54</u> WL <u>9.6</u>	Drill Pipe Size	<u>4 1/2 XH</u>	Ft. Run	<u>4592'</u>
Blow Description	<u>Mud Seeping around Packers - pull Tool</u> <u>2 packers Ruined - Changed Packers - Anchor & Tool pipe.</u>					

Recovery — Total Feet	<u>360'</u>	GIP	<u> </u>	Ft. in DC	<u> </u>	Ft. in DP	<u>360'</u>
Rec.	<u>360'</u>	Feet Of	<u>Dr. lg Mud</u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>

BHT	<u>118°</u>	°F Gravity	<u> </u>	°API D@	<u> </u>	°F Corrected Gravity	<u> </u>	°API	<u> </u>
RW	<u> </u>	@	<u> </u>	°F Chlorides	<u> </u>	ppm Recovery	<u>4,000</u>	Chlorides	<u> </u>

(A) Initial Hydrostatic Mud	PSI	Recorder No.	<u>2023</u>	T-Started	<u>04:15 A.M.</u>
(B) First Initial Flow Pressure	PSI	(depth)	<u>4177'</u>	T-Open	<u>06:40 A.M.</u>
(C) First Final Flow Pressure	PSI	Recorder No.	<u>11057</u>	T-Pulled	<u>06:48 A.M.</u>
(D) Initial Shut-in Pressure	PSI	(depth)	<u>4198</u>	T-Out	<u>08:50 A.M.</u>
(E) Second Initial Flow Pressure	PSI	Recorder No.	<u>11058</u>		
(F) Second Final Flow Pressure	PSI	(depth)	<u>4631'</u>		
(G) Final Shut-in Pressure	PSI	Initial Opening	<u>8</u>	Test	<u>X</u>
(H) Final Hydrostatic Mud	PSI	Initial Shut-in	<u> </u>	Jars	<u> </u>

Final Flow	<u> </u>	Safety Joint	<u> </u>
Final Shut-in	<u> </u>	Straddle	<u>X</u>
		Circ. Sub	<u>N/C</u>
		Sampler	<u> </u>
		Extra Packer	<u>X</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

Tom Funk

TRILOBITE TESTING L.L.C.

OPERATOR : Brito Oil Company
WELL NAME: #1-17 McClure
LOCATION : 17-16S-28W Lane Ks
INTERVAL : 4178.00 To 4204.00 ft

DATE 4-21-98
KB 2733.00 ft
GR 2723.00 ft
TD 4204.00 ft
TICKET NO: 11056
FORMATION: K
TEST TYPE: CONV STRADDLE
DST #7

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF	0 Rec.	11058	11058	2023.	11057	0.0	PF Fr. 1140 to 1145 hr
SI	0 Range(Psi)	4475.0	4475.0	4000.0	4500.0	0.0	IS Fr. to hr
SF	0 Clock(hrs)	12	12	12	12	0.0	SF Fr. to hr
FS	0 Depth(ft)	4197.0	4197.0	4180.0	4327.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 0910 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 1135 hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 1140 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 1145 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 1445 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	
G. Final Hydro	0.0	0.0	0.0	0.0	0.0	
Inside/Outside	o	o	i	s		

TOOL DATA-----
Tool Wt. 8000.00 lbs
Wt Set On Packer 35000.00 lbs
Wt Pulled Loose 78000.00 lbs
Initial Str Wt 54000.00 lbs
Unseated Str Wt 55000.00 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 0.00 ft
D.P. Length 4592.00 ft

RECOVERY

Tot Fluid 120.00 ft of 0.00 ft in DC and 120.00 ft in DP
120.00 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
0.00 ft of

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

BLOW DESCRIPTION

Packer failure at open, tried to reset
packer failure, pulled tool

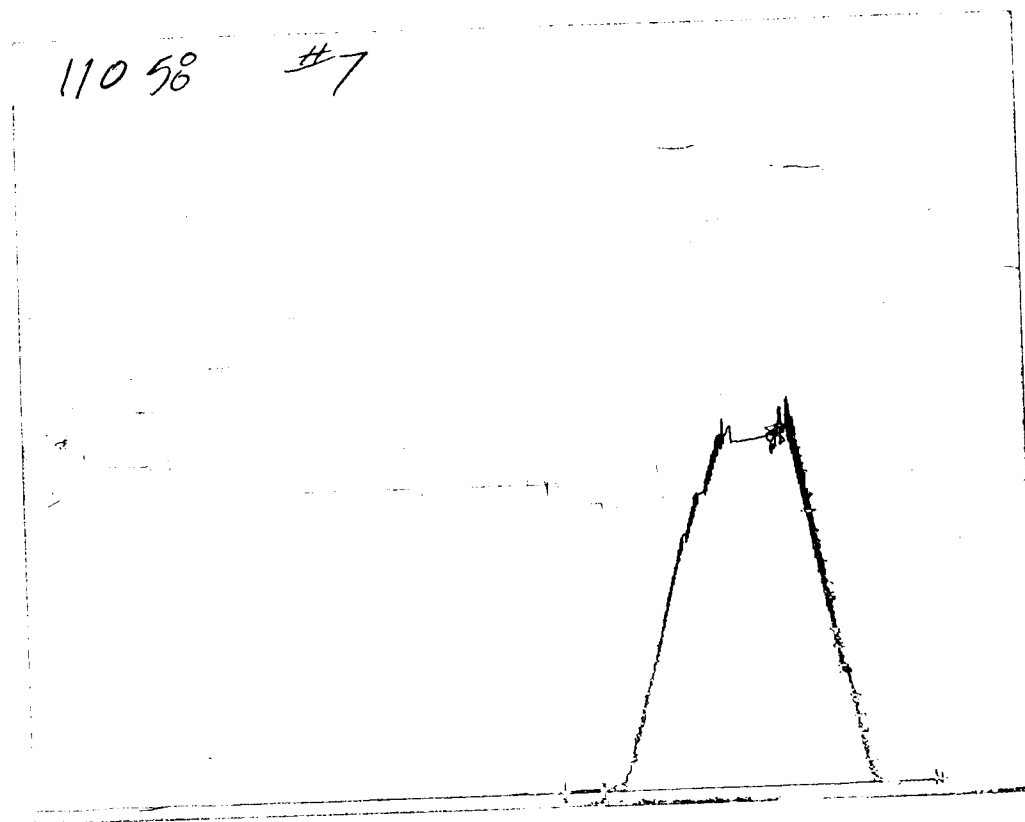
MUD DATA-----
Mud Type Chemcial
Weight 9.30 lb/
Vis. 54.00 S/L
W.L. 9.60 in3
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 119.00 F
Hole Condition
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 3
Cushion Amt. 0.00
Cushion Type
Reversed Out
Tool Chased
Tester Shane McBride
Co. Rep. Tom Funk
Contr. White & Ellis
Rig # 9
Unit #
Pump T.

SAMPLES:
SENT TO:

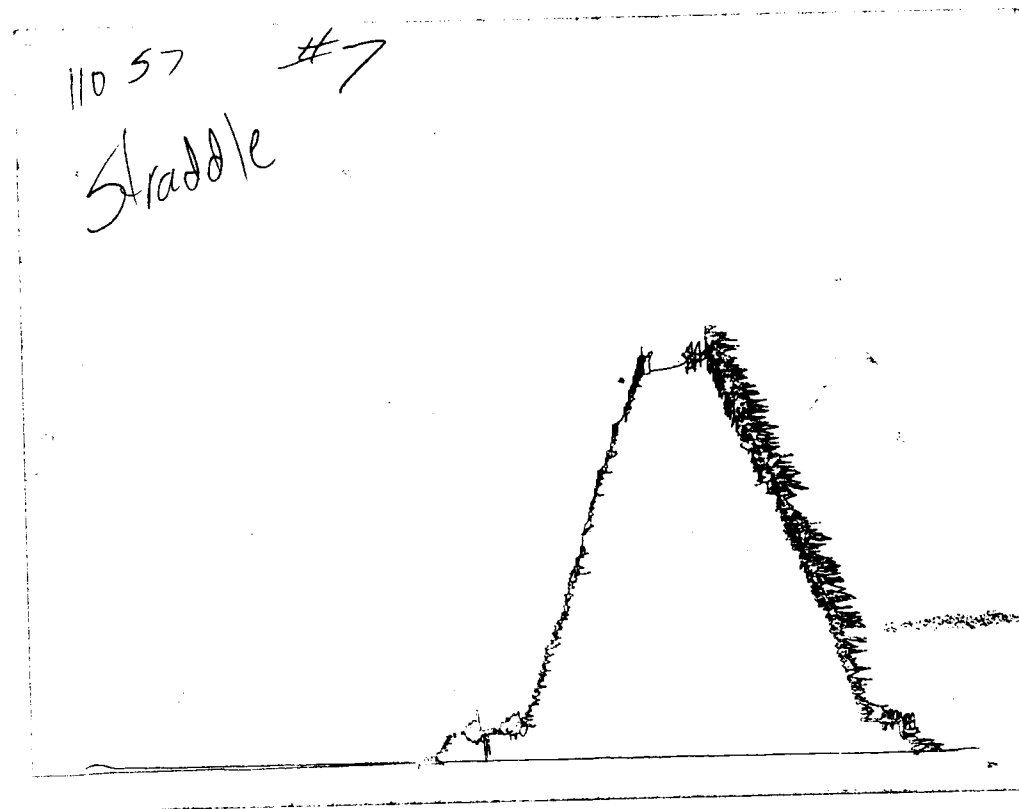
Test Successful: N

CHART PAGE



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

CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11056

Well Name & No. <u>McClure 1-17</u>	Test No. <u>7</u>	Date <u>4-21-88</u>
Company <u>Brito Oil Co.</u>	Zone Tested <u>K</u>	
Address <u>205 Market Suite 400, Wichita KS 67202</u>		Elevation <u>2233</u> KB <u>2223</u> GL
Co. Rep / Geo. <u>Tom Funk</u>	Cont. <u>W/E #9</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>17</u>	Twp. <u>16</u>	Rge. <u>28</u> Co. <u>lane</u> State <u>KS</u>
No. of Copies <u>N/A</u>	Distribution Sheet (Y, N) <u>A</u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4178'</u>	<u>4204'</u>	Initial Str Wt./Lbs. <u>51,000</u>	Unseated Str Wt./Lbs. <u>55,000</u>
Anchor Length <u> </u>	<u>26'</u>	Wt. Set Lbs. <u>35,000</u>	Wt. Pulled Loose/Lbs. <u>28,000</u>
Top Packer Depth <u>4173'</u>	<u>4178'</u>	Tool Weight <u>8,000</u>	
Bottom Packer Depth <u> </u>	<u>4204'</u>	Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth <u>RIG T.D. → 4630</u>		Wt. Pipe Run <u> </u>	Drill Collar Run <u> </u>
Mud Wt. <u>9.3</u> LCM <u>1/2</u> Vis. <u>54</u> WL <u>9.6</u>		Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4592'</u>
Blow Description <u>packer failure @ open - tried to reset</u> <u>packer failure - pull tool -</u>			

Recovery — Total Feet <u>120'</u>	GLP <u> </u>	Ft. in DC <u> </u>	Ft. in DP <u>120'</u>
Rec. <u>120'</u>	Feet Of <u>Drill Mud</u>	%gas <u> </u>	%oil <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>
BHT <u>119°</u>	°F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u>
RW <u> </u>	@ <u> </u>	°F Chlorides <u> </u>	ppm Recovery Chlorides <u>4,000</u> ppm System
(A) Initial Hydrostatic Mud <u> </u>	PSI Recorder No. <u>2023</u>	T-Started <u>09:10 AM</u>	
(B) First Initial Flow Pressure <u> </u>	PSI (depth) <u>4180'</u>	T-Open <u>11:40 AM</u>	
(C) First Final Flow Pressure <u> </u>	PSI Recorder No. <u>11058</u>	T-Pulled <u>11:45 A.M.</u>	
(D) Initial Shut-in Pressure <u> </u>	PSI (depth) <u>4197'</u>	T-Out <u>14:45 P.M.</u>	
(E) Second Initial Flow Pressure <u> </u>	PSI Recorder No. <u>11057</u>		
(F) Second Final Flow Pressure <u> </u>	PSI (depth) <u>4627'</u>		
(G) Final Shut-in Pressure <u> </u>	PSI Initial Opening <u> </u>	Test <u>X</u>	
(H) Final Hydrostatic Mud <u> </u>	PSI Initial Shut-in <u> </u>	Jars <u> </u>	

Final Flow <u> </u>	Safety Joint <u> </u>
Final Shut-in <u> </u>	Straddle <u>X</u>
	Circ. Sub <u>X</u> <u>N/C</u>
	Sampler <u> </u>
	Extra Packer <u>X</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

TRILOBITE TESTING L.L.C.

OPERATOR : Brito Oil Company
WELL NAME: #1-17 McClure
LOCATION : 17-16S-28W Lane KS
INTERVAL : 4178.00 To 4202.00 ft

DATE 4-21-98
KB 2733.00 ft TICKET NO: 11057 DST #8
GR 2723.00 ft FORMATION: K
TD 4202.00 ft TEST TYPE: CONV STRADDLE

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 0	Rec.	11058	11058	2023	11057		PF Fr. to hr
SI 0	Range(Psi)	4475.0	4475.0	4000.0	4500.0	0.0	IS Fr. to hr
SF 0	Clock(hrs)	12	12	12	12		SF Fr. to hr
FS 0	Depth(ft)	4195.0	4195.0	4180.0	4631.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 2030 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 2325 hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 2330 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 2334 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 0230 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	
G. Final Hydro	0.0	0.0	0.0	0.0	0.0	
Inside/Outside	o	o	i	s		

RECOVERY

Tot Fluid 150.00 ft of 0.00 ft in DC and 150.00 ft in DP
150.00 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
0.00 ft of

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

BLOW DESCRIPTION

Packer failure at open, tried to reset
failed again, pulled tool

TOOL DATA-----
Tool Wt. 8000.00 lbs
Wt Set On Packer 32000.00 lbs
Wt Pulled Loose 77000.00 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 2.25 in
D. Pipe ID 3.80 in
D.C. Length 0.00 ft
D.P. Length 4592.00 ft

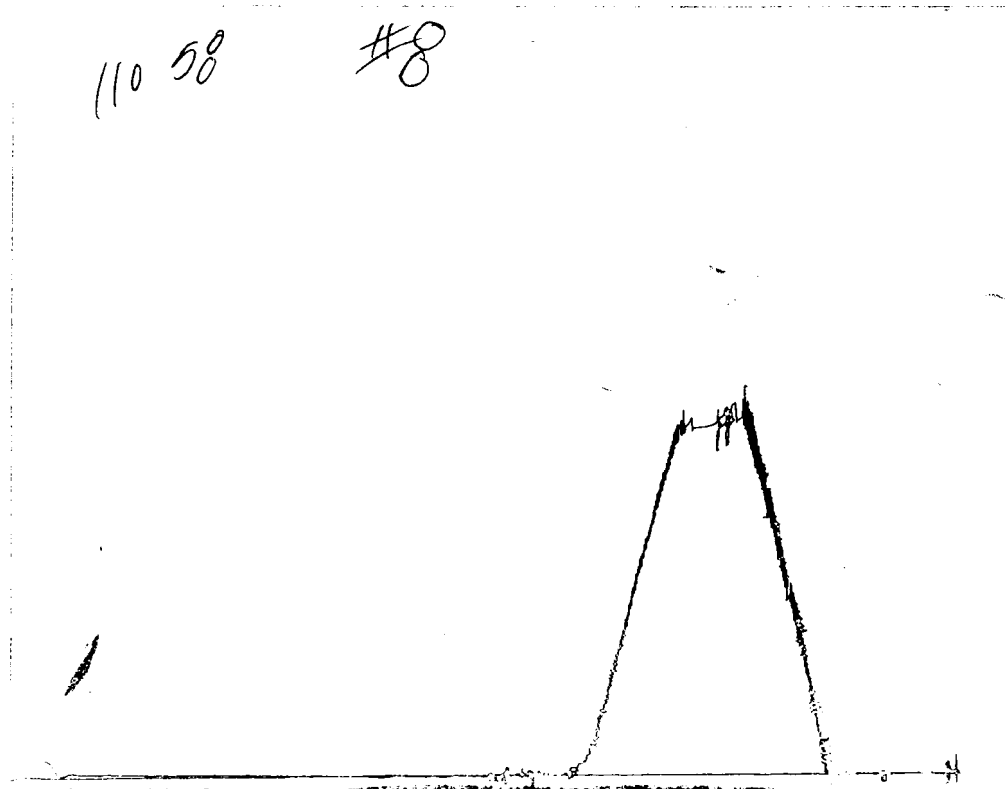
MUD DATA-----
Mud Type Chemical
Weight 9.30 lb/
Vis. 54.00 S/L
W.L. 9.60 in3
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 120.00 F
Hole Condition
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 3
Cushion Amt. 0.00
Cushion Type
Reversed Out
Tool Chased
Tester Shane McBride
Co. Rep. Tom Funk
Contr. White & Ellis
Rig # 9
Unit #
Pump T.

SAMPLES:
SENT TO:

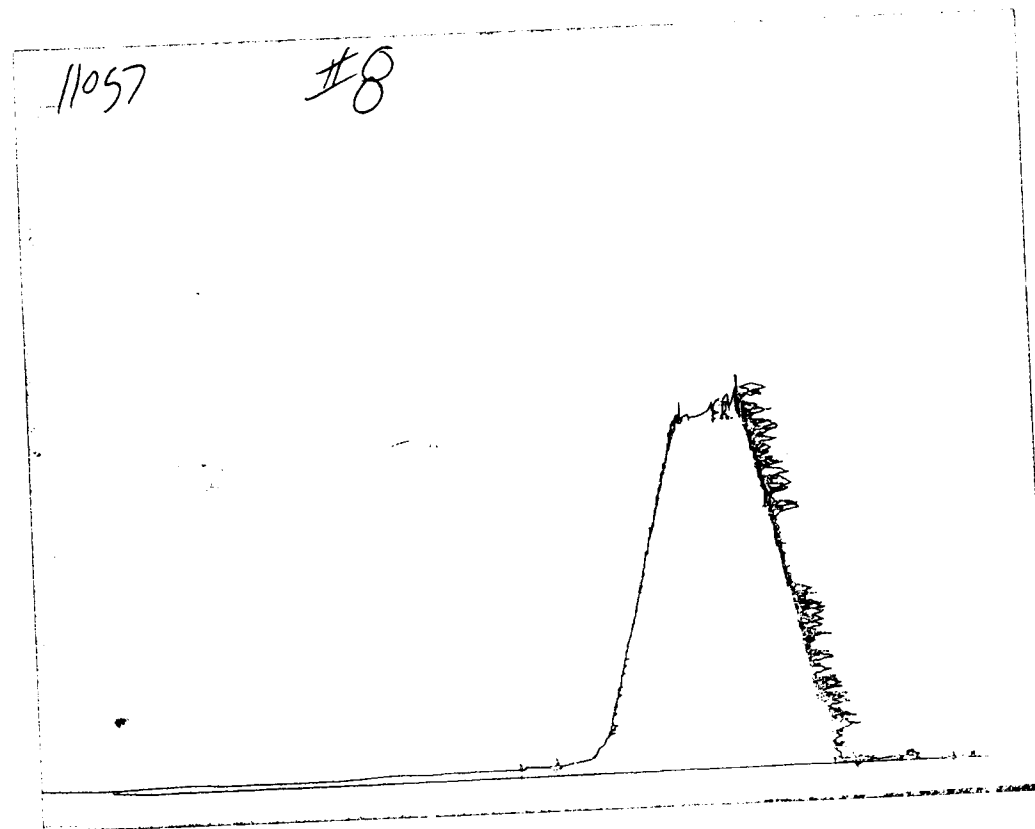
Test Successful: N

CHART PAGE



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

CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11057

Well Name & No. <u>McClure 1-17</u>	Test No. <u>8</u>	Date <u>4-21-98</u>
Company <u>Brito Oil Co.</u>	Zone Tested <u>K</u>	
Address <u>1205 Market Suite 400 Wichita KS</u>	Elevation <u>2733</u> KB <u>2223</u> GL	
Co. Rep / Geo. <u>Tom Fawc</u>	Cont. <u>W3E #9</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>12</u> Twp. <u>16</u> Rge. <u>28</u>	Co. <u>Lane</u> State <u>KS</u>	
No. of Copies <u>Norm</u> Distribution Sheet (Y, N) <u>X</u>	Turnkey (Y, N) _____	Evaluation (Y, N) _____

Interval Tested <u>4178</u> <u>4202</u>	Initial Str Wt./Lbs. <u>54,000</u> Unseated Str Wt./Lbs. <u>56,000</u>
Anchor Length _____ <u>24</u>	Wt. Set Lbs. <u>32,000</u> Wt. Pulled Loose/Lbs. <u>22,000</u>
Top Packer Depth <u>4173</u> <u>4178</u>	Tool Weight <u>8,000</u>
Bottom Packer Depth _____ <u>4202</u>	Hole Size — 7 7/8" ☒ Rubber Size — 6 3/4" ☒
Total Depth _____ <u>4634</u>	Wt. Pipe Run _____ Drill Collar Run _____
Mud Wt. <u>9.3</u> LCM <u>1/2</u> Vis. <u>54</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2 x H</u> Ft. Run <u>4592'</u>
Blow Description <u>Packer Failure @ open - tried to reset</u> <u>failed again pull tool.</u>	

Recovery — Total Feet <u>150'</u> GIP _____	Ft. in DC _____	Ft. in DP <u>150'</u>
Rec. <u>150'</u> Feet Of <u>Drillg 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 <u>120°</u> °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____ °F Chlorides _____	ppm Recovery _____	Chlorides <u>4,000</u>	ppm System _____

(A) Initial Hydrostatic Mud _____	PSI Recorder No. <u>2023</u>	T-Started <u>20:30 P.M.</u>
(B) First Initial Flow Pressure _____	PSI (depth) <u>4180'</u>	T-Open <u>23:30 P.M.</u>
(C) First Final Flow Pressure _____	PSI Recorder No. <u>11058</u>	T-Pulled <u>23:34 P.M.</u>
(D) Initial Shut-in Pressure _____	PSI (depth) <u>4195'</u>	T-Out <u>02:30 A.M.</u>
(E) Second Initial Flow Pressure _____	PSI Recorder No. <u>11057</u>	
(F) Second Final Flow Pressure _____	PSI (depth) <u>4631'</u>	
(G) Final Shut-in Pressure _____	PSI Initial Opening _____	Test <u>X</u>
(H) Final Hydrostatic Mud _____	PSI Initial Shut-in _____	Jars _____

Final Flow _____	Safety Joint _____
Final Shut-in _____	Straddle <u>X</u>
	Circ. Sub <u>X N/C</u>
	Sampler _____
	Extra Packer <u>X</u>
	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 : Brito Oil Company
WELL NAME: #1-17 McClure
LOCATION : 17-16S-28W Lane KS
INTERVAL : 4115.00 To 4203.00 ft

DATE 4-22-98
KB 2733.00 ft
GR 2723.00 ft
TD 4203.00 ft
TICKET NO: 11244
FORMATION: K
TEST TYPE: CONV STRADDLE
DST #9

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 0	Rec.	13339	13339	13276	13309	0.0	PF Fr. to hr
SI 0	Range(Psi)	7000.0	7000.0	4000.0	4700.0	0.0	IS Fr. to hr
SF 0	Clock(hrs)	12	12	12	12	0.0	SF Fr. to hr
FS 0	Depth(ft)	4120.0	4120.0	4125.0	4629.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 0700 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 0905 hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 0910 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 0920 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 1230 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	
G. Final Hydro	0.0	0.0	0.0	0.0	0.0	
Inside/Outside	o	o	i	s		

RECOVERY

Tot Fluid 310.00 ft of 56.00 ft in DC and 254.00 ft in DP
310.00 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
0.00 ft of

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

BLOW DESCRIPTION

Packer failure, tried to reset, no help

TOOL DATA-----
Tool Wt. 2000.00 lbs
Wt Set On Packer 30000.00 lbs
Wt Pulled Loose 70000.00 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 2.25 in
D. Pipe ID 3.80 in
D.C. Length 56.00 ft
D.P. Length 0.00 ft

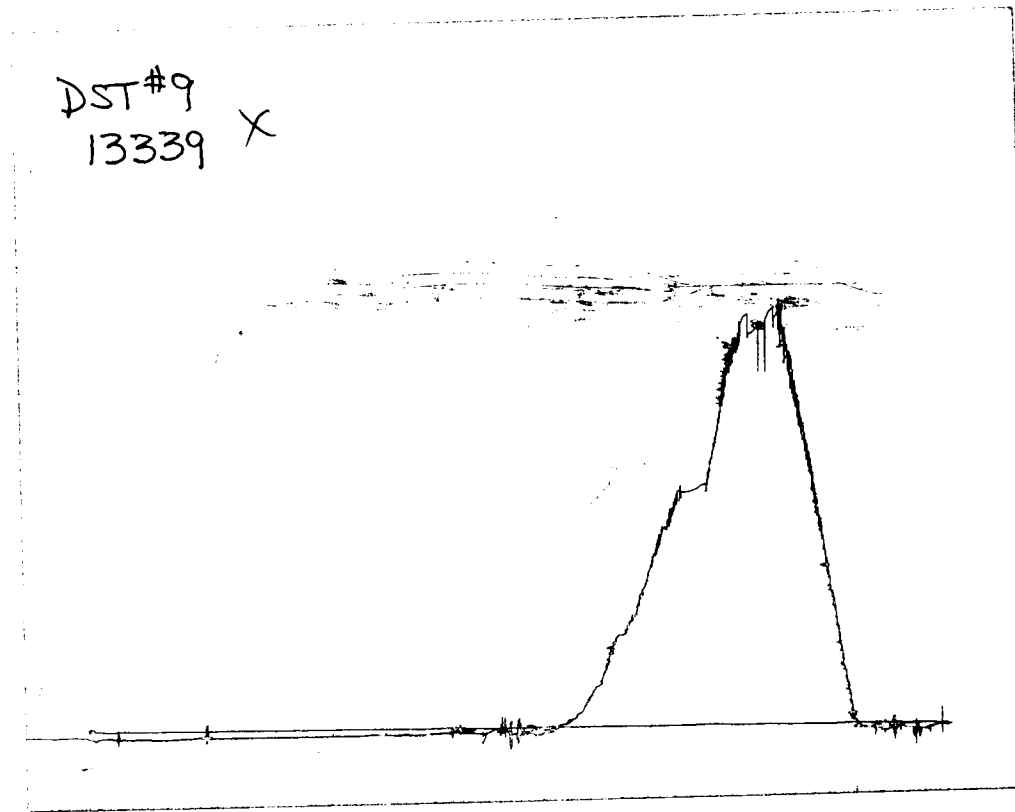
MUD DATA-----
Mud Type Chemical
Weight 0.00 lb/c
Vis. 0.00 S/L
W.L. 0.00 in3
F.C. 0.00 in
Mud Drop

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 3
Cushion Amt. 0.00
Cushion Type
Reversed Out
Tool Chased
Tester Rod Steinbrink
Co. Rep. Tom Funk
Contr. White & Ellis
Rig # 9
Unit #
Pump T.

SAMPLES:
SENT TO:

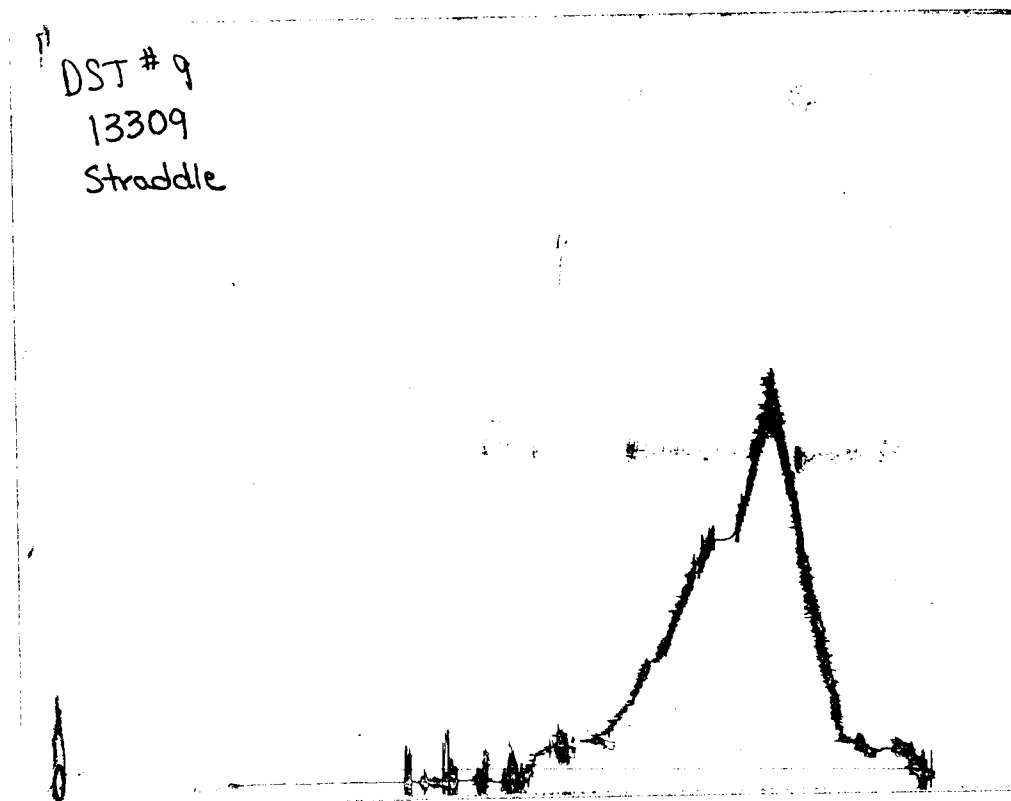
Test Successful: N

CHART PAGE



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

CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11244

Well Name & No.	Test No. <u>9</u>	Date <u>4-22-98</u>
Company <u>Brito Oil Company, Inc.</u>	Zone Tested _____	
Address <u>120 S Market Ste. 400 Wichita, KS 67202</u>	Elevation _____	KB _____ GL _____
Co. Rep / Geo. <u>Tom Funk</u>	Cont. <u>White & Ellis #9</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>17</u>	Twp. <u>16S</u>	Rge. <u>28W</u> Co. <u>Lane</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>N</u> Evaluation (Y, N) _____

Interval Tested <u>4115 - 4203</u>	Initial Str Wt./Lbs. <u>50,000</u>	Unseated Str Wt./Lbs. <u>50,000</u>
Anchor Length <u>88'</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>70,000</u>
Top Packer Depth <u>4110 - 4115</u>	Tool Weight <u>2,000</u>	
Bottom Packer Depth <u>4203</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>(LTD) 4634</u>	Wt. Pipe Run <u>—</u>	Drill Collar Run <u>56'</u>
Mud Wt. _____ LCM _____ Vis. _____ WL _____	Drill Pipe Size <u>4 1/2" XH</u>	Ft. Run _____
Blow Description <u>I.F. Packer failure - tried to reset - no help.</u>		
<u>JOH @ Co. Orders.</u>		

Recovery — Total Feet <u>310'</u>	GIP <u>—</u>	Ft. in DC <u>56'</u>	Ft. in DP <u>254'</u>
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. <u>310'</u> Feet Of <u>Orig. Mud</u>	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
BHT <u>128°</u> °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides _____ ppm System _____
(A) Initial Hydrostatic Mud <u>2183</u>	PSI Recorder No. <u>13339</u>	T-Started <u>0700</u>	
(B) First Initial Flow Pressure _____	PSI (depth) <u>4120</u>	T-Open <u>0910</u>	
(C) First Final Flow Pressure _____	PSI Recorder No. <u>13276</u>	T-Pulled <u>0920</u>	
(D) Initial Shut-in Pressure _____	PSI (depth) <u>4125</u>	T-Out <u>1230</u>	
(E) Second Initial Flow Pressure _____	PSI Recorder No. <u>13309</u>		
(F) Second Final Flow Pressure _____	PSI (depth) <u>4629</u>		
(G) Final Shut-in Pressure _____	PSI Initial Opening _____	Test <u>Misrun</u>	
(H) Final Hydrostatic Mud <u>2133</u>	PSI Initial Shut-in _____	Jars _____	

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.

Final Flow _____	Safety Joint _____
Final Shut-in _____	Straddle <u>X</u>
<u>on loc. 0630</u>	Circ. Sub <u>X</u> <u>W/C</u>
<u>off loc. 1300</u>	Sampler _____
	Extra Packer <u>X</u>
	Elect. Rec. _____
	Other _____

Approved By _____