

WELL NAME: Nuefeld # 1-25
COMPANY: Brito Oil
LOCATION: 25-19S-31W
Scott County Kansas
DATE: 09/03/97

TRILOBITE TESTING L.L.C.

OPERATOR : Brito Oil

DATE 8/27/97

WELL NAME: Nuefeld 1-25

KB 2940.00 ft

TICKET NO: 10354 DST #1

LOCATION : 25-19S-31W Scott KS

GR 2930.00 ft

FORMATION: Middle Creek

INTERVAL : 4308.00 To 4316.00 ft

TD 4316.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 0145 to 0215 hr
SI 45 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 0215 to 0300 hr
SF 60 Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 0300 to 0400 hr
FS 60 Depth(ft)	4309.0	4309.0	4313.0	0.0	0.0	FS Fr. 0400 to 0500 hr

	Field	1	2	3	4	
A. Init Hydro	2117.0	2090.0	2062.0	0.0	0.0	T STARTED 0000 hr
B. First Flow	56.0	55.0	64.0	0.0	0.0	T ON BOTM 0130 hr
B1. Final Flow	78.0	64.0	64.0	0.0	0.0	T OPEN 0145 hr
C. In Shut-in	1152.0	1143.0	1153.0	0.0	0.0	T PULLED 0500 hr
D. Init Flow	112.0	112.0	104.0	0.0	0.0	T OUT 0715 hr
E. Final Flow	168.0	149.0	145.0	0.0	0.0	
F. Fl Shut-in	1096.0	1076.0	1070.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2083.0	2067.0	2050.0	0.0	0.0	Tool Wt. 4000.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 82000.00 lbs
						Initial Str Wt 58000.00 lbs
						Unseated Str Wt 63000.00 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 4298.00 ft

RECOVERY

Tot Fluid 390.00 ft of 0.00 ft in DC and 390.00 ft in DP
 50.00 ft of Gas in Pipe
 0.00 ft of
 390.00 ft of Clean Gassy Oil
 0.00 ft of 15%gas 85%oil
 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 33.50

BLOW DESCRIPTION

Initial Flow:
 Bottom of bucket in 17 mins

Initial Shut In:

Bled off blow 1.5 mins, Surface return
 in 6 mins, built to .5"

Final Flow:

Bottom of bucket in 32 mins

Final Shut In:

Bled off blow 1.5 mins, return in 3min
 built to 1/4"

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	51.00 S/L
W.L.	8.50 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.	Rick Harris
Contr.	White & Ellis
Rig #	9
Unit #	
Pump T.	

Test Successful: Y

Operator.....: Brito Oil
Well Name.....: Nuefeld 1-25
DST Number.....: 1

Location.: 25-19S-31W Scott KS Recorder No...: 11058
Test Type: CONV Recorder Depth: 4313
Formation: Middle Creek Test Interval.: 4308-4316

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

RESERVOIR PARAMETERS USED:

Net Pay.....:	3.00 ft
Porosity.....:	8.00 %
Bottom Hole Temp.....:	121.00 F
Specific Gravity.....:	0.000
API Gravity.....:	33.50
Compressibility.....:	0.000003 /psi
Viscosity.....:	7.4540 cp
Total Recovery.....:	390.00 ft
Total Flowing Time.....:	90.00 min.
Flow Rate.....:	75.40 bbls/d
Final Flowing Pressure.....:	145.00 psi
Horner Slope.....:	27.6780 psi/cycle
Extrapolated Pressure.....:	1081.01 psi
Formation Volume Factor.....:	1.03 Reservoir/Surface
Well Bore Radius.....:	3.94 in

RESULTS:

Effective Permeability.....:	1132.506467 md
Flow Capacity.....:	3397.5194 md.ft
Transmissibility.....:	455.7981 md.ft/cp
Skin Factor.....:	31.6303
Radius of Investigation.....:	893.64218 ft
Damage Ratio.....:	5.3365
Productivity Index.....:	0.0806 bbls/psi.d
Productivity Index W/O Damage.:	0.4299 bbls/psi.d

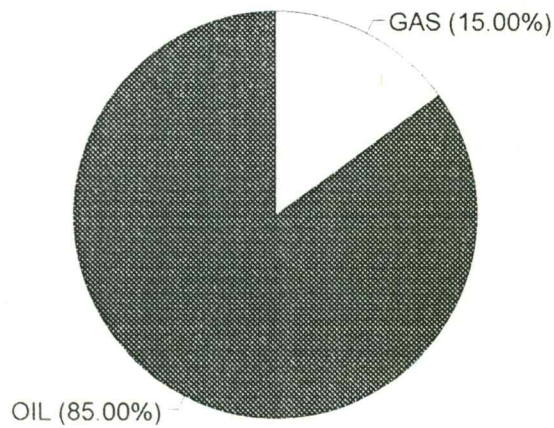
CALCULATED RECOVERY ANALYSIS

DST 1

TICKET 10355

SAMPLE		TOTAL		GAS		OIL		WATER		MUD	
		FEET		%	FEET	%	FEET	%	FEET	%	FEET
DRILL	1	390		15	58.5	85	331.5		0		0
PIPE	2				0		0		0		0
	3				0		0		0		0
	4				0		0		0		0
	5				0		0		0		0
	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		390			58.5		331.5		0		0

			HRS OPEN		BBL/DAY
BBL OIL =	4.71393	*	1.5	=	75.4
BBL WATER =	0	*		=	0
BBL MUD =	0				
BBL GAS =	0.83187				



AK-1 Recorder Increments Listings

Test: 1

Date: 8/28/97

	Time	Pressure PSIG	<> Pressure
***Start Flow 1	0	64.0	64.0
	3	59.0	-5.0
	6	56.0	-3.0
	9	51.0	-5.0
	12	50.0	-1.0
	15	49.0	-1.0
	18	53.0	4.0
	21	54.0	1.0
	24	59.0	5.0
	27	64.0	5.0
	30	64.0	0.0

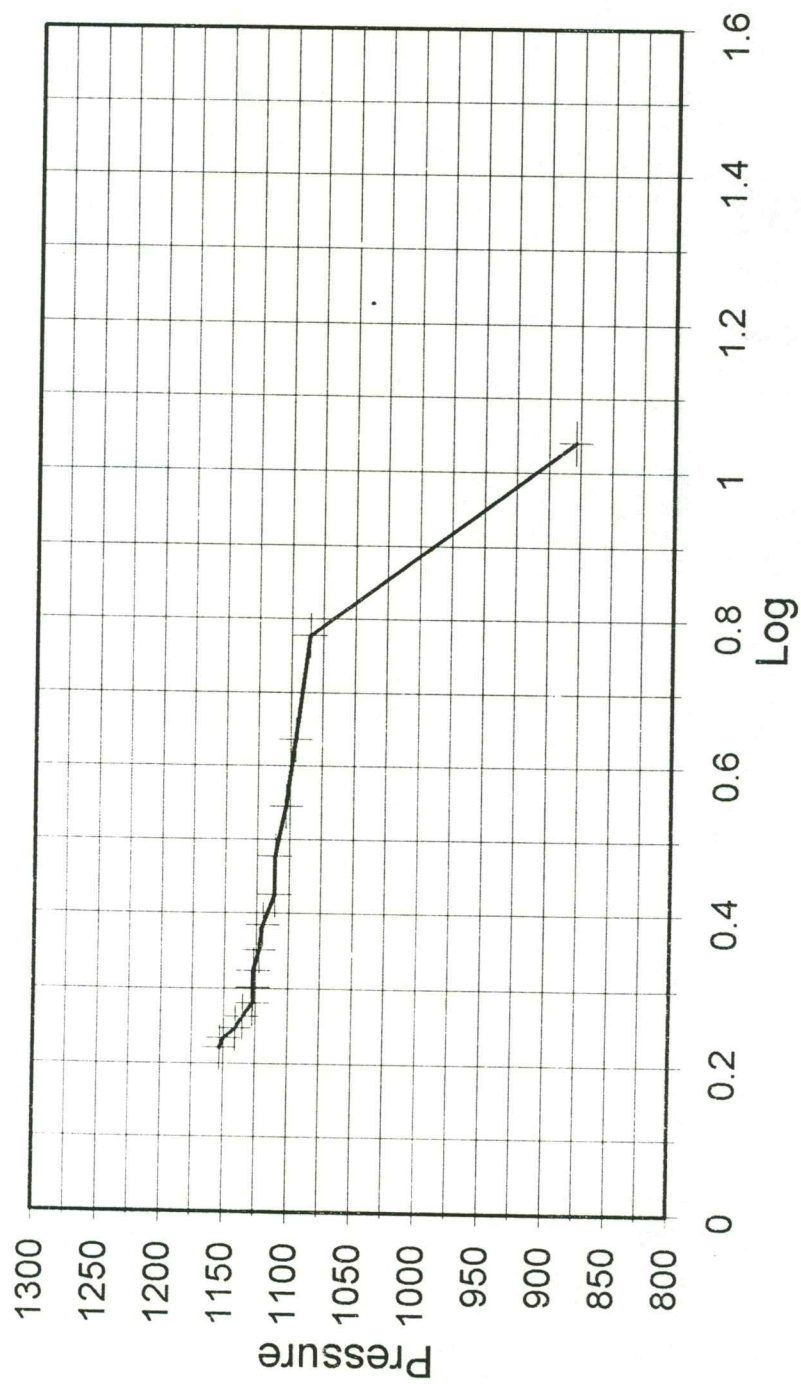
	Time	Pressure PSIG	Log Horn T	$\diamond$ Pressure	$(T+dT)/dT$
***Start Shutin 1					
	3	879	1.041	879.0	11.0
	6	1085	0.778	206.0	6.0
	9	1096	0.637	11.0	4.3
	12	1103	0.544	7.0	3.5
	15	1111	0.477	8.0	3.0
	18	1111	0.426	0.0	2.7
	21	1120	0.385	9.0	2.4
	24	1123	0.352	3.0	2.3
	27	1127	0.325	4.0	2.1
	30	1127	0.301	0.0	2.0
	33	1128	0.281	1.0	1.9
	36	1135	0.263	7.0	1.8
	39	1141	0.248	6.0	1.8
	42	1150	0.234	9.0	1.7
	45	1153	0.222	3.0	1.7

	Time	Pressure PSIG	◇ Pressure
***Start Flow 2	0	104.0	104.0
	3	103.0	-1.0
	6	92.0	-11.0
	9	92.0	0.0
	12	92.0	0.0
	15	93.0	1.0
	18	95.0	2.0
	21	99.0	4.0
	24	101.0	2.0
	27	107.0	6.0
	30	109.0	2.0
	33	113.0	4.0
	36	115.0	2.0
	39	121.0	6.0
	42	123.0	2.0
	45	125.0	0.0
	48	134.0	9.0
	51	137.0	3.0
	54	140.0	3.0
	57	143.0	3.0
	60	145.0	2.0

	Time	Pressure PSIG	Log Horn T	◇ Pressure	(T+dT)/dT
***Start Shutin 2					
	3	787	1.491	787.0	31.0
	6	1021	1.204	234.0	16.0
	9	1033	1.041	12.0	11.0
	12	1043	0.929	10.0	8.5
	15	1051	0.845	8.0	7.0
	18	1056	0.778	5.0	6.0
	21	1061	0.723	14.0	5.3
	24	1062	0.677	-8.0	4.8
	27	1064	0.637	2.0	4.3
	30	1064	0.602	0.0	4.0
	33	1067	0.571	3.0	3.7
	36	1067	0.544	0.0	3.5
	39	1067	0.520	0.0	3.3
	42	1069	0.497	2.0	3.1
	45	1069	0.477	0.0	3.0
	48	1069	0.459	0.0	2.9
	51	1069	0.442	0.0	2.8
	54	1069	0.426	0.0	2.7
	57	1070	0.411	1.0	2.6
	60	1070	0.398	0.0	2.5

Horner Plot: Shut-in #1

P * 1197.78 Slope 201.832



Horner Plot: Shut-in #2

P* 1081.01 Slope 27.678

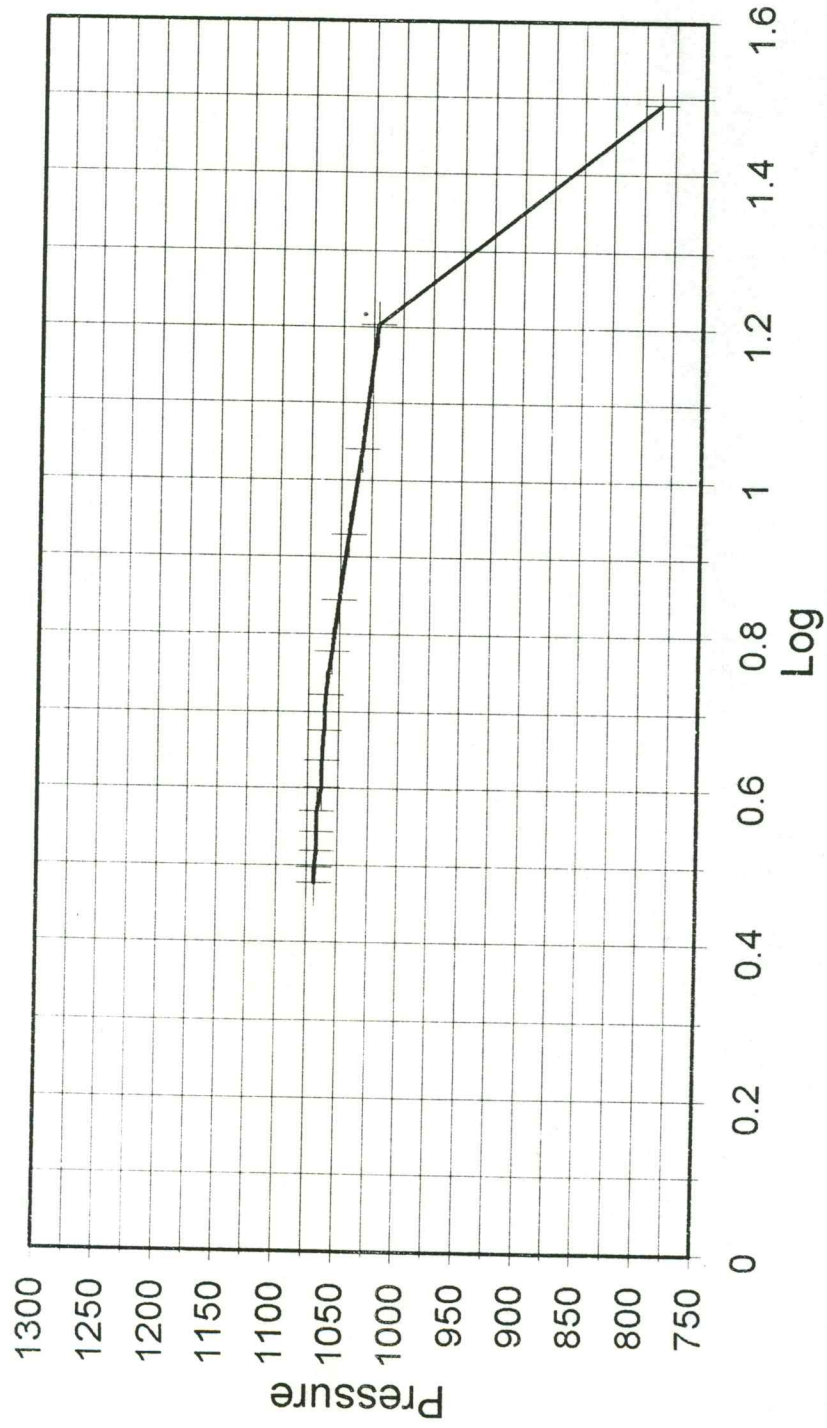
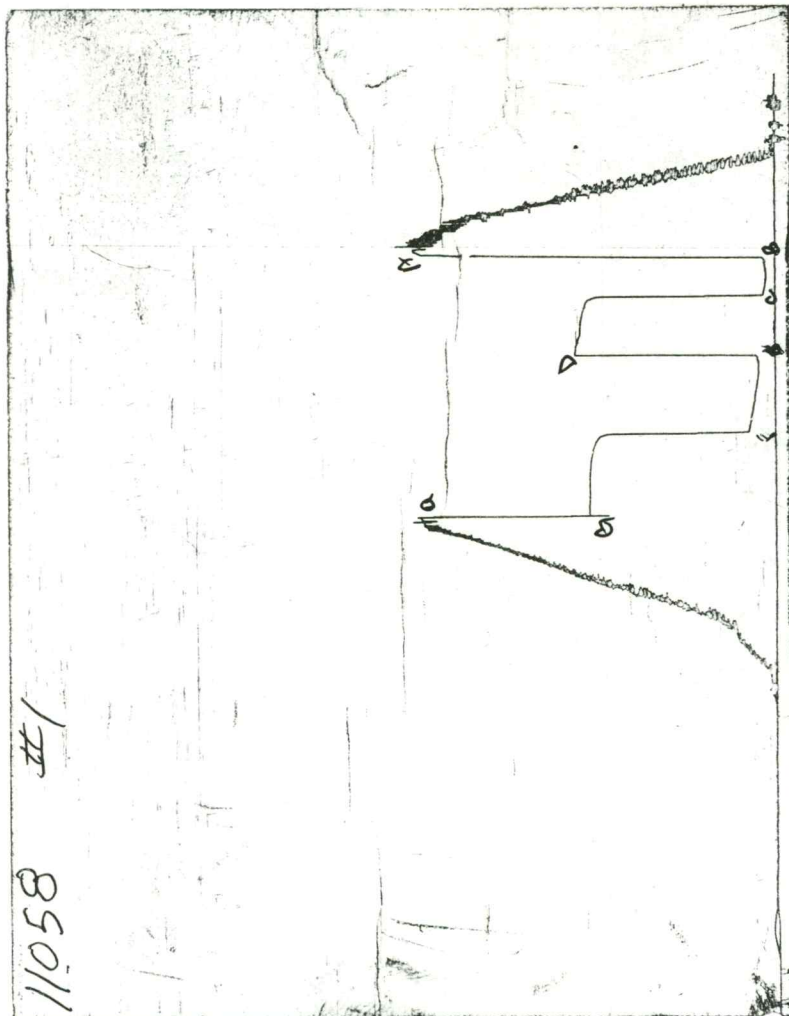
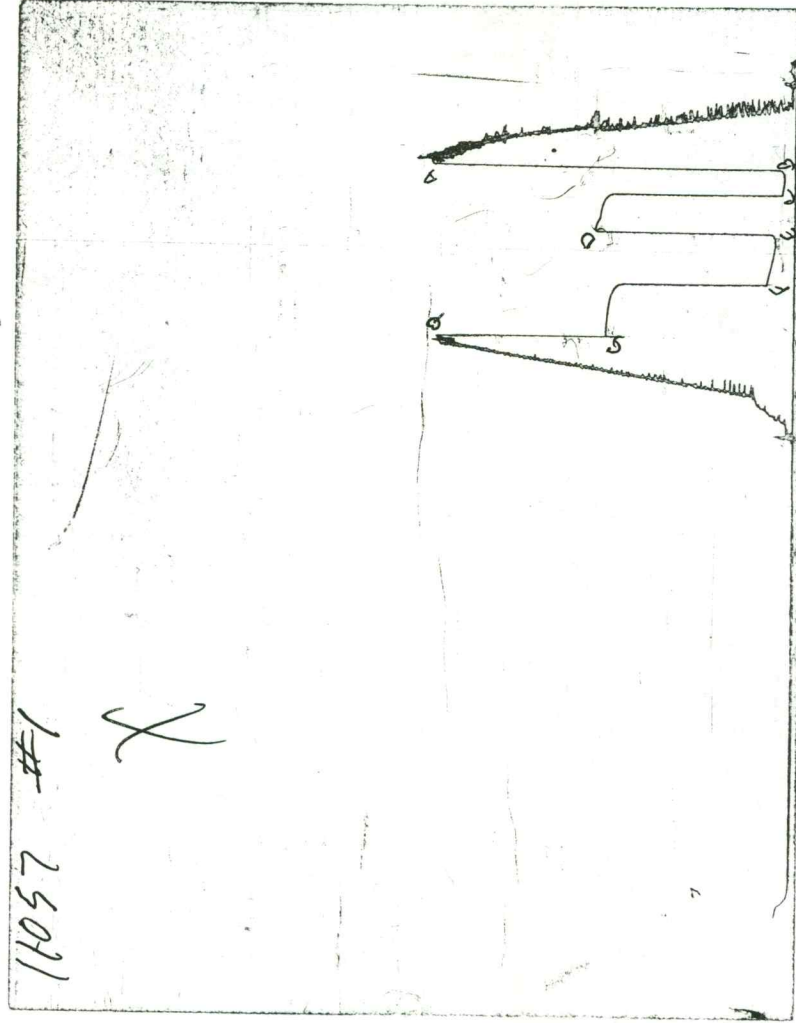


CHART PAGE



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

CHART PAGE



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TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 10354

Well Name & No. <u>Nuefeld 1-25</u>	Test No. <u>1</u>	Date <u>8-27-97</u>
Company <u>Brito O.L.</u>	Zone Tested <u>Middle Creek</u>	
Address <u>120 S. Market Suite 400, Wichita, KS 67202</u>		Elevation <u>2940'</u> KB <u>2930'</u> GL
Co. Rep / Geo. <u>Rick Harris</u>	Cont. <u>W 1/2 E #9</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>25</u>	Twp. <u>19</u>	Rge. <u>31</u> Co. <u>Scott</u> State <u>KS</u>
No. of Copies <u>Norm</u> Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u>N</u>	Evaluation (Y, N) <u> </u>

Interval Tested 4308' - 4316'
 Anchor Length 8'
 Top Packer Depth 4303'
 Bottom Packer Depth 4308'
 Total Depth 4316'
 Mud Wt. 9.2 LCM - Vis. 51 WL 8.8

Initial Str Wt./Lbs. 58,000 Unseated Str Wt./Lbs. 63,000
 Wt. Set Lbs. 26,000 Wt. Pulled Loose/Lbs. 82,000
 Tool Weight 4,000
 Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Wt. Pipe Run Drill Collar Run
 Drill Pipe Size 4 1/2 XH Ft. Run 4298'

Blow Description B.O.B in 17 min.

ISI: Bleed off blow 1 1/2 min, Surface return in 6 min built to 1/2" in.

F.I. B.O.B in 32 min.

F.S.I: Bleed off blow 1 1/2 min, return in 3 min built to 1/4" in.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>390'</u>	<u>50'</u>	<u> </u>	<u>390'</u>
Rec. <u>390'</u>	Feet Of <u>clean gassy o.i.</u>	15 %gas 85 %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
Rec. <u> </u>	Feet Of <u> </u>	%gas %oil	%water %mud

BHT 121° °F Gravity 35 °API D@ 75 °F Corrected Gravity 33.5 °API

RW @ °F Chlorides ppm Recovery Chlorides 2,000 ppm System

(A) Initial Hydrostatic Mud	<u>2117</u> PSI	Recorder No. <u>11057</u>	T-Started <u>12:00 AM</u>
(B) First Initial Flow Pressure	<u>56</u> PSI	(depth) <u>4309'</u>	T-Open <u>01:45 AM</u>
(C) First Final Flow Pressure	<u>78</u> PSI	Recorder No. <u>11058</u>	T-Pulled <u>05:00 AM</u>
(D) Initial Shut-in Pressure	<u>1152</u> PSI	(depth) <u>4313'</u>	T-Out <u>07:15 AM</u>
(E) Second Initial Flow Pressure	<u>112</u> PSI	Recorder No. <u> </u>	
(F) Second Final Flow Pressure	<u>168</u> PSI	(depth) <u> </u>	
(G) Final Shut-in Pressure	<u>1096</u> PSI	Initial Opening <u>30</u>	Test <u>Y</u> <u>700</u>
(H) Final Hydrostatic Mud	<u>2083</u> PSI	Initial Shut-in <u>45</u>	Jars <u> </u>

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 Rick Harris
 Our Representative Steve M. B. Harris

Circ. Sub N/C
 Sampler
 Extra Packer
 Elect. Rec.
 Other eval 80
 TOTAL PRICE \$ 780

WELL NAME _____ DST # _____ RECORDER # _____

INIT. HYD. MUD. 1.837 FINAL HYD. MUD 1.827

INITIAL FLOW MINUTES INTERVAL		INITIAL SHUTIN MINUTES INTERVAL		FINAL FLOW MINUTES INTERVAL		FINAL SHUTIN MINUTES INTERVAL	
.058	64			1	.094 104		
.053	59	3	.985 879	2	.093 103	.704	787
.051	56	6	.969 1085	3	.083 92	.911	1021
.046	51	9	.979 1096	4	.083 92	.922	1033
.045	50	12	.985 1103	5	.083 92	.931	1043
.044	49	15	.992 1111	6	.084 93	.938	1051
.048	53	18	.992 1111	7	.086 95	.943	1056
.049	54	21	1.000 1120	8	.089 99	.947	1061
.053	59	24	1.003 1123	9	.091 101	.948	1062
.058	64	27	1.006 1127	10	.096 107	.950	1064
.058	64	30	1.006 1127	11	.098 109	.950	1064
		33	1.007 1128	12	.102 113	.952	1067
		36	1.014 1135	13	.104 115	.952	1067
		39	1.019 1141	14	.109 121	.952	1067
		42	1.027 1150	15	.111 123	.954	1069
		45	1.030 1153	16	.113 125	.954	1069
				17	.121 134	.954	1069
				18	.123 137	.954	1069
				19	.126 140	.954	1069
				20	.129 143	.955	1070
				21	.131 145	.955	1070
				22			
				23			
				24			
				25			
				26			
				27			

TRILOBITE TESTING L.L.C.

OPERATOR : Brito Oil

DATE 8/27/97

WELL NAME: Nuefeld 1-25

KB 2940.00 ft

TICKET NO: 10355 DST #2

LOCATION : 25-19S-31W Scott KS

GR 2930.00 ft

FORMATION: Lansing KC "L"

INTERVAL : 4320.00 To 4333.00 ft

TD 4333.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 1515 to 1545 hr
SI 30 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 1545 to 1615 hr
SF 30 Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 1615 to 1645 hr
FS 30 Depth(ft)	4321.0	4321.0	4330.0	0.0	0.0	FS Fr. 1645 to 1715 hr

	Field	1	2	3	4	
A. Init Hydro	2106.0	2102.0	0.0	0.0	0.0	T STARTED 1330 hr
B. First Flow	56.0	56.0	0.0	0.0	0.0	T ON BOTM 1500 hr
B1. Final Flow	168.0	159.0	0.0	0.0	0.0	T OPEN 1515 hr
C. In Shut-in	1006.0	1011.0	0.0	0.0	0.0	T PULLED 1715 hr
D. Init Flow	246.0	250.0	0.0	0.0	0.0	T OUT 1925 hr
E. Final Flow	325.0	326.0	0.0	0.0	0.0	
F. Fl Shut-in	995.0	998.0	0.0	0.0	0.0	
G. Final Hydro	2083.0	2050.0	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	93000.00 lbs
Initial Str Wt	58000.00 lbs
Unseated Str Wt	64000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	0.00 ft
D.P. Length	4328.00 ft

RECOVERY

Tot Fluid 700.00 ft of 0.00 ft in DC and 700.00 ft in DP

40.00 ft of Mud Cut Water

0.00 ft of 15% mud 85% water

660.00 ft of Salt Water

0.00 ft of 100% water

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of RW .265 @ 90F

SALINITY 19800.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/cf
Vis.	48.00 S/L
W.L.	10.00 in3
F.C.	0.00 in
Mud Drop	

BLOW DESCRIPTION

Initial Flow:

Bottom of bucket in 8 mins

Initial Shut In:

No Return

Final Flow:

Bottom of bucket in 2 mins

Final Shut In:

No Return

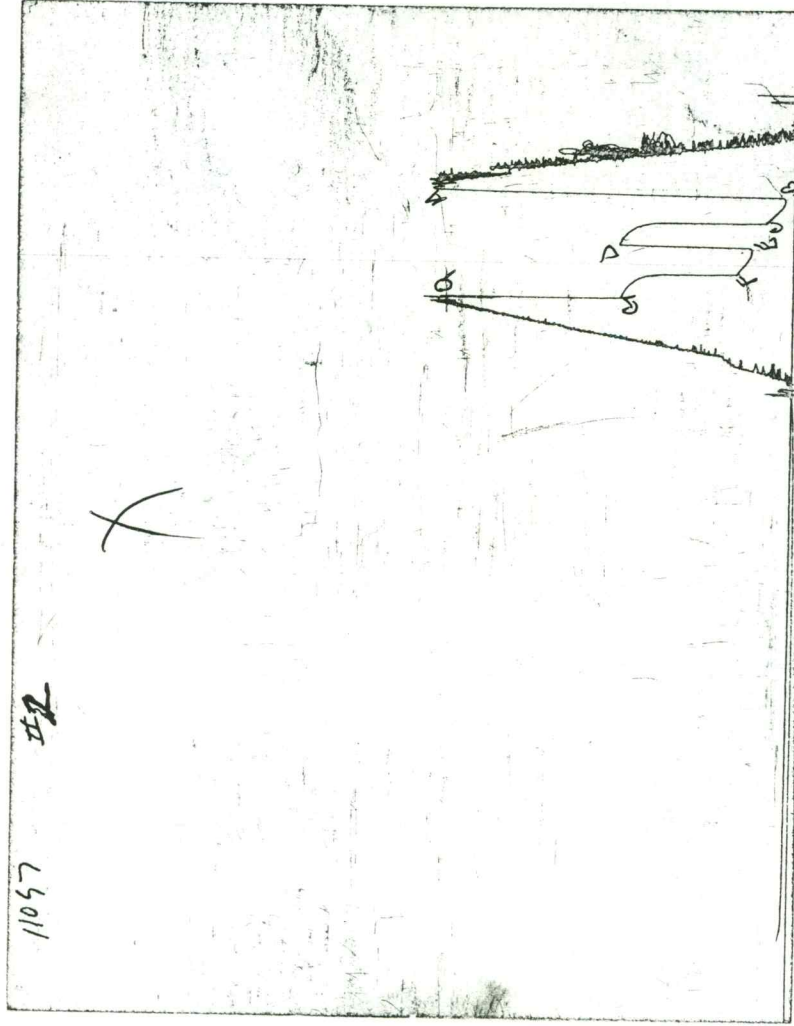
SAMPLES:

SENT TO:

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	Shane McBride
Co. Rep.	Rick Harris
Contr.	White & Ellis
Rig #	9
Unit #	
Pump T.	

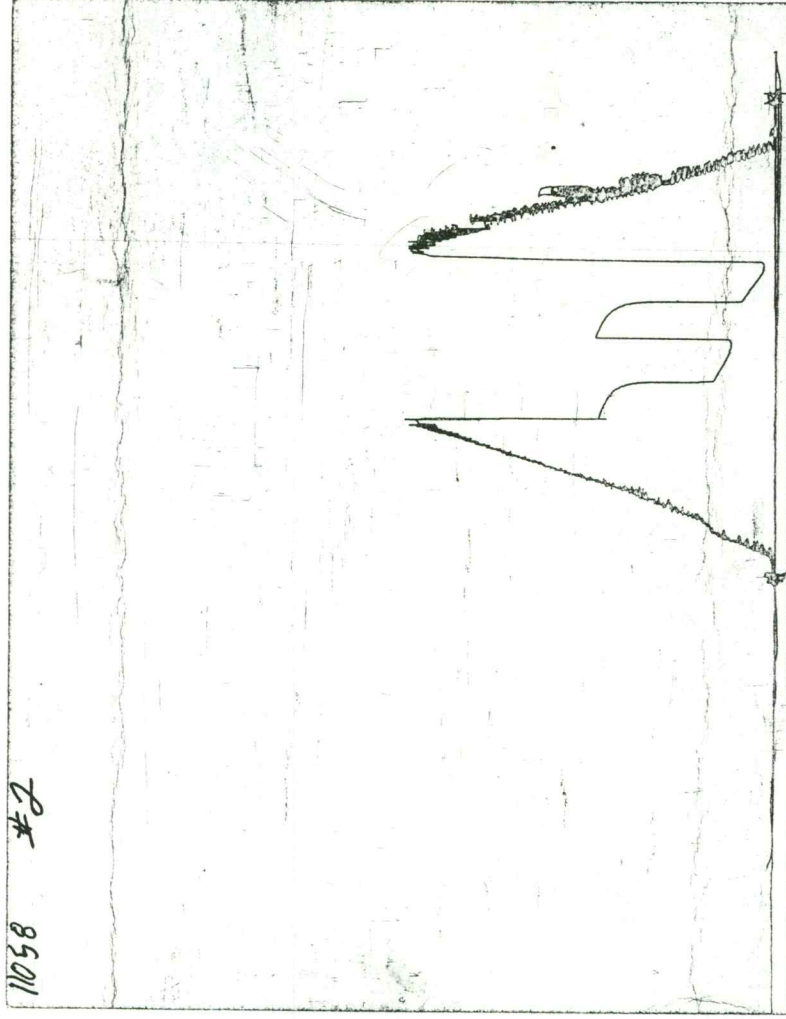
Test Successful: Y

CHART PAGE



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TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 10355

Well Name & No. <u>Nucfed 1-25</u>	Test No. <u>2</u>	Date <u>8-27-97</u>
Company <u>Brito Oil</u>	Zone Tested <u>LKC "L"</u>	
Address <u>105 S. Market Suite 400, Wichita KS 67202</u>	Elevation <u>2940'</u>	KB <u>2930'</u> GL
Co. Rep / Geo. <u>Rick Harris</u>	Cont. <u>W & E #9</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>25</u> Twp. <u>19</u> Rge. <u>31</u>	Co. <u>Scott</u>	State <u>KS</u>
No. of Copies <u>Norm</u> Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u>N</u>	Evaluation (Y, N) <u> </u>

Interval Tested <u>4320</u>	<u>4333</u>	Initial Str Wt./Lbs. <u>58,000</u>	Unseated Str Wt./Lbs. <u>14,000</u>
Anchor Length <u> </u>	<u>13</u>	Wt. Set Lbs. <u>26,000</u>	Wt. Pulled Loose/Lbs. <u>93,000</u>
Top Packer Depth <u> </u>	<u>4315</u>	Tool Weight <u>4,000</u>	
Bottom Packer Depth <u> </u>	<u>4320</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u> </u>	<u>4333</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u> </u>
Mud Wt. <u>9.3</u> LCM <u>-</u> Vis. <u>48</u> WL <u>10.0</u>		Drill Pipe Size <u>4 1/2 x 14</u>	Ft. Run <u>4328'</u>
Blow Description <u>B.O.B in 8min</u>			

I.S.I.: No return

F.F.: B.O.B in 12min.

F.S.I.: No return

Recovery — Total Feet <u>700'</u>	GIP <u> </u>	Ft. in DC <u> </u>	Ft. in DP <u>700'</u>
Rec. <u>40'</u>	Feet Of <u>slightly mud cut water</u>	%gas <u> </u> %oil <u>85</u>	%water <u>15</u> %mud <u> </u>
Rec. <u>660'</u>	Feet Of <u>salt water</u>	%gas <u> </u> %oil <u>100</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 <u>128°</u>	°F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u> °API <u> </u>
RW <u>265</u> @ <u>90</u>	°F Chlorides <u>19,800</u>	ppm Recovery Chlorides <u>1500</u>	ppm System <u> </u>
(A) Initial Hydrostatic Mud <u>2106</u>	PSI Recorder No. <u>11057</u>	T-Started <u>13:30 P.M</u>	
(B) First Initial Flow Pressure <u>56</u>	PSI (depth) <u>4321'</u>	T-Open <u>15:15 P.M</u>	
(C) First Final Flow Pressure <u>168</u>	PSI Recorder No. <u>11058</u>	T-Pulled <u>17:15 P.M</u>	
(D) Initial Shut-in Pressure <u>1006</u>	PSI (depth) <u>4330'</u>	T-Out <u>19:25 P.M</u>	
(E) Second Initial Flow Pressure <u>246</u>	PSI Recorder No. <u> </u>		
(F) Second Final Flow Pressure <u>325</u>	PSI (depth) <u> </u>		
(G) Final Shut-in Pressure <u>995</u>	PSI Initial Opening <u>30</u>	Test <u>X</u>	<u>700</u>
(H) Final Hydrostatic Mud <u>2083</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 Bill Brown
Our Representative Shirley Brown

Circ. Sub <u>X</u>	<u>N/C</u>
Sampler <u> </u>	
Extra Packer <u> </u>	
Elect. Rec. <u> </u>	
Other <u> </u>	
TOTAL PRICE \$ <u>700</u>	

TRILOBITE TESTING L.L.C.

OPERATOR : Brito Oil
WELL NAME: Nuefeld 1-25
LOCATION : 25-19S-31W Scott KS
INTERVAL : 4392.00 To 4426.00 ft

DATE 2/28/97
KB 2930.00 ft TICKET NO: 10356 DST #3
GR 2940.00 ft FORMATION: Alta "B"
TD 4426.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 1030 to 1100 hr
SI 45 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 1100 to 1145 hr
SF 60 Clock(hrs)	24 hr	24 hr	12 hr			SF Fr. 1145 to 1245 hr
FS 60 Depth(ft)	4393.0	4393.0	4423.0	0.0	0.0	FS Fr. 1245 to 1345 hr

	Field	1	2	3	4	
A. Init Hydro	2140.0	2131.0	2187.0	0.0	0.0	T STARTED 0910 hr
B. First Flow	291.0	317.0	3547.0	0.0	0.0	T ON BOTM 1015 hr
B1. Final Flow	660.0	683.0	706.0	0.0	0.0	T OPEN 1030 hr
C. In Shut-in	928.0	945.0	974.0	0.0	0.0	T PULLED 1345 hr
D. Init Flow	761.0	778.0	807.0	0.0	0.0	T OUT 1710 hr
E. Final Flow	917.0	917.0	938.0	0.0	0.0	
F. Fl Shut-in	928.0	944.0	963.0	0.0	0.0	
G. Final Hydro	2117.0	2120.0	2101.0	0.0	0.0	TOOL DATA-----
Inside/Outside	I	I	O			Tool Wt. 4000.00 lbs
						Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 110000.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 70000.00 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 4387.00 ft

RECOVERY

Tot Fluid 2574.00 ft of 0.00 ft in DC and 2574.00 ft in DP
1364.00 ft of Gas In Pipe
154.00 ft of Slightly Gassy Oil - 5%gas 95%oil
186.00 ft of Clean Gassy Oil - 20%gas 80%oil
2110.00 ft of Clean Gassy Oil
124.00 ft of Gassy Heavy Oil Cut Mud - Under Circ Sub
0.00 ft of 40%gas 30%oil 30%mud
0.00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 33.00

BLOW DESCRIPTION

Initial Flow:
Strong blow bottom of bucket in
Initial Shut In:
Bled off 7 mins, return immediately.

Final Flow:

Bottom of bucket at open, started to
die in 35 mins, died back to 10.5"

Final Shut In:

Bled off for 4 mins, weak return in 1
min, weak surface blow throughout

SAMPLES:

SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.30 lb/cf
Vis. 51.00 S/L
W.L. 9.60 in3
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 138.00 F
Hole Condition
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out
Tool Chased
Tester Shane McBride
Co. Rep. Rick Harris
Contr. White & Ellis
Rig # 9
Unit #
Pump T.

Test Successful: Y

Operator.....: Brito Oil
Well Name.....: Nuefeld 1-25
DST Number.....: 4

Location.: 25-19S-31W Scott KS Recorder No....: 11058
Test Type: CONV Recorder Depth: 4423
Formation: Alta "B" Test Interval.: 4392-4426

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

RESERVOIR PARAMETERS USED:

Net Pay.....:	4.00 ft
Porosity.....:	13.00 %
Bottom Hole Temp.....:	138.00 F
Specific Gravity.....:	0.033
API Gravity.....:	33.00
Compressibility.....:	0.000005 /psi
Viscosity.....:	6.1420 cp
Total Recovery.....:	2574.00 ft
Total Flowing Time.....:	90.00 min.
Flow Rate.....:	411.70 bbls/d
Final Flowing Pressure.....:	938.00 psi
Horner Slope.....:	15.0520 psi/cycle
Extrapolated Pressure.....:	968.99 psi
Formation Volume Factor.....:	1.03 Reservoir/Surface
Well Bore Radius.....:	3.94 in

RESULTS:

Effective Permeability.....:	7068.013481 md
Flow Capacity.....:	28272.0539 md.ft
Transmissibility.....:	4603.0697 md.ft/cp
Skin Factor.....:	-5.4383
Radius of Investigation.....:	1494.44772 ft
Damage Ratio.....:	0.3035
Productivity Index.....:	13.2849 bbls/psi.d
Productivity Index W/O Damage.:	4.0320 bbls/psi.d

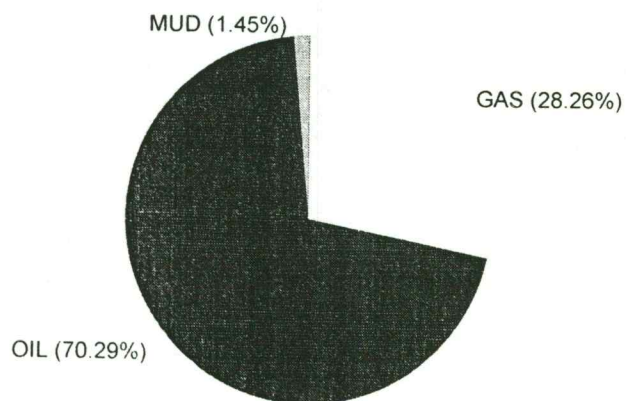
CALCULATED RECOVERY ANALYSIS

DST 3

TICKET 10356

SAMPLE		TOTAL		GAS		OIL		WATER		MUD	
			FEET	%	FEET	%	FEET	%	FEET	%	FEET
DRILL	1		154	5	7.7	95	146.3		0		0
PIPE	2		186	20	37.2	80	148.8		0		0
	3		2110	30	633	70	1477		0		0
	4		124	40	49.6	30	37.2		0	30	37.2
	5				0		0		0		0
	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			2574		727.5		1809.3		0		37.2

			HRS OPEN		BBL/DAY
BBL OIL=	25.72825	*	1.5	=	411.7
BBL WATER=	0	*		=	0
BBL MUD=	0.528984				
BBL GAS =	10.34505				



AK-1 Recorder Increments Listings

Test: 10356.0

Date: 08/28

	Time	Pressure PSIG	◇ Pressure
***Start Flow 1	0	354.0	354.0
	3	343.0	-11.0
	6	369.0	26.0
	9	432.0	63.0
	12	489.0	57.0
	15	543.0	54.0
	18	587.0	44.0
	21	625.0	38.0
	24	651.0	26.0
	27	683.0	32.0
	30	706.0	23.0

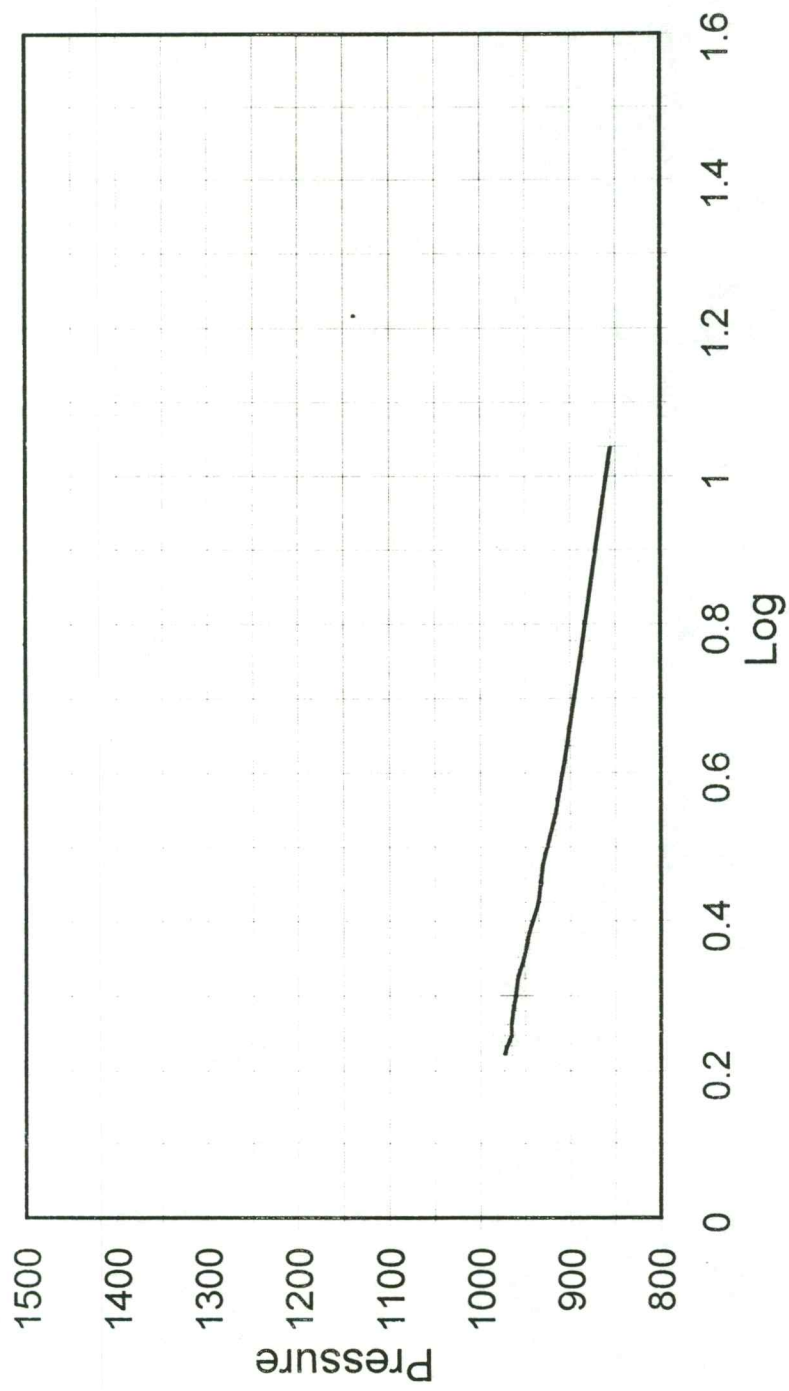
	Time	Pressure PSIG	Log Horn T	◇ Pressure	(T+dT)/dT
***Start Shutin 1					
	3	856	1.041	856.0	11.0
	6	886	0.778	30.0	6.0
	9	904	0.637	18.0	4.3
	12	917	0.544	13.0	3.5
	15	931	0.477	14.0	3.0
	18	936	0.426	5.0	2.7
	21	946	0.385	10.0	2.4
	24	952	0.352	6.0	2.3
	27	959	0.325	7.0	2.1
	30	961	0.301	2.0	2.0
	33	964	0.281	3.0	1.9
	36	966	0.263	2.0	1.8
	39	966	0.248	0.0	1.8
	42	970	0.234	4.0	1.7
	45	974	0.222	4.0	1.7

	Time	Pressure PSIG	◇ Pressure
***Start Flow 2	0	807.0	807.0
	3	796.0	-11.0
	6	800.0	4.0
	9	814.0	14.0
	12	827.0	13.0
	15	841.0	14.0
	18	854.0	13.0
	21	869.0	15.0
	24	881.0	12.0
	27	888.0	7.0
	30	895.0	7.0
	33	901.0	6.0
	36	907.0	6.0
	39	913.0	6.0
	42	917.0	4.0
	45	920.0	0.0
	48	925.0	5.0
	51	930.0	5.0
	54	931.0	1.0
	47	932.0	1.0
	60	938.0	6.0

	Time	Pressure PSIG	Log Horn T	◇ Pressure	(T+dT)/dT
***Start Shutin 2	3	947	1.491	947.0	31.0
	6	949	1.204	2.0	16.0
	9	950	1.041	1.0	11.0
	12	955	0.929	5.0	8.5
	15	958	0.845	3.0	7.0
	18	961	0.778	3.0	6.0
	21	960	0.723	2.0	5.3
	24	960	0.677	-3.0	4.8
	27	959	0.637	-1.0	4.3
	30	958	0.602	-1.0	4.0
	33	958	0.571	0.0	3.7
	36	958	0.544	0.0	3.5
	39	958	0.520	0.0	3.3
	42	958	0.497	0.0	3.1
	45	958	0.477	0.0	3.0
	48	958	0.459	0.0	2.9
	51	958	0.442	0.0	2.8
	54	958	0.426	0.0	2.7
	57	958	0.411	0.0	2.6
	60	963	0.398	5.0	2.5

Horner Plot: Shut-in #1

P * 1006.41 Slope 146.110



Horner Plot: Shut-in #2

P* 968.99 Slope 15.052

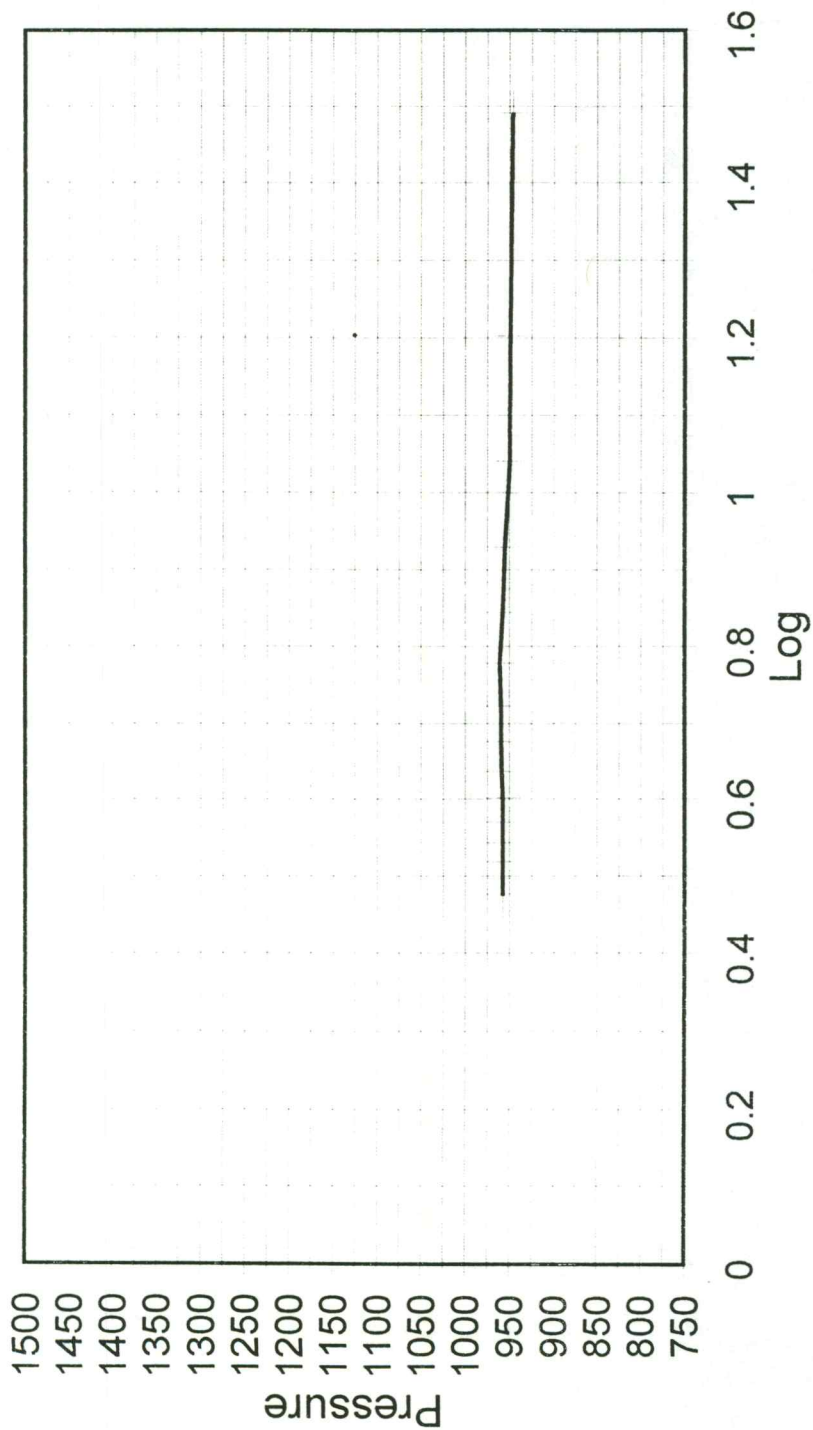
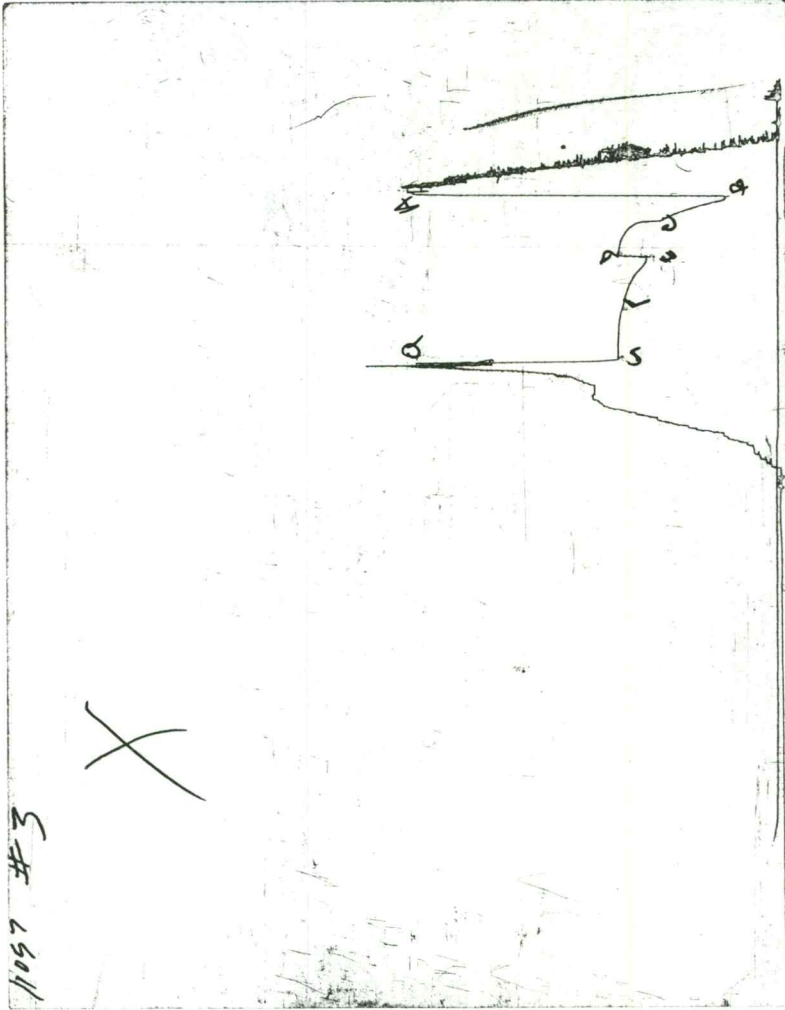
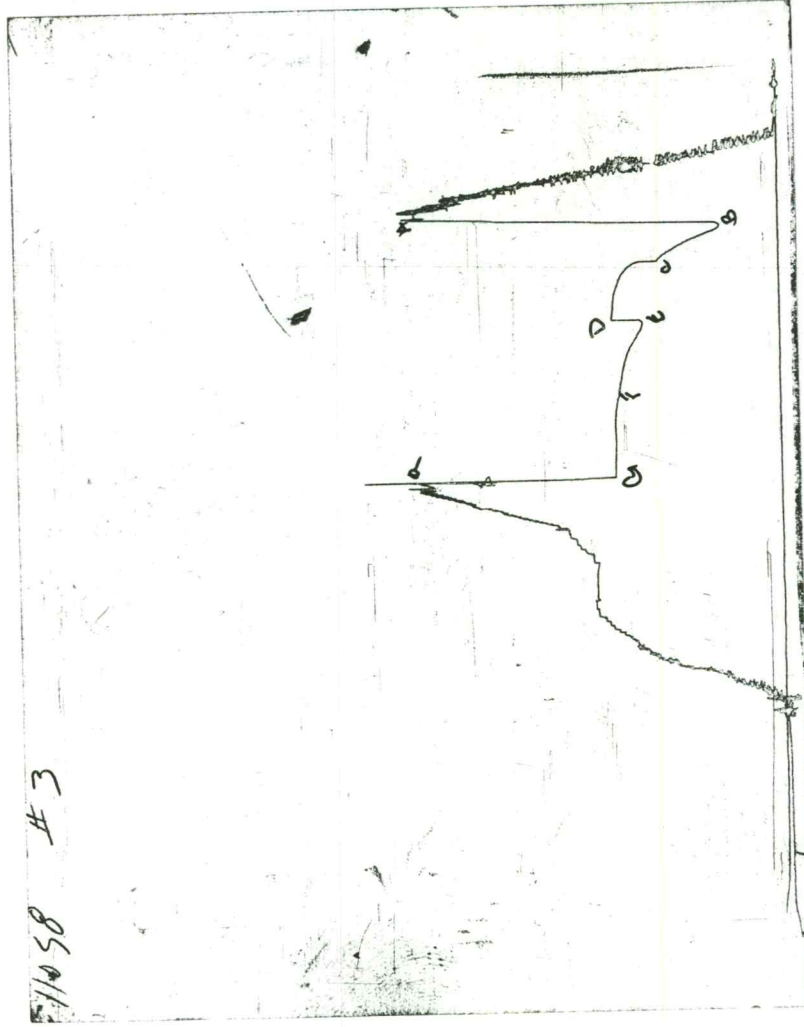


CHART PAGE



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

N^o 10356

Well Name & No. <u>Nacfeld 1-25</u>	Test No. <u>3</u>	Date <u>8-28-97</u>
Company <u>Brito Oil</u>	Zone Tested <u>ALTA - "B"</u>	
Address <u>1006 Market Suite 400, Wichita KS 67202</u>	Elevation <u>2930</u>	KB <u>2940'</u> GL
Co. Rep / Geo. <u>Rick Harris</u>	Cont. <u>WJE #9</u>	Est. Ft. of Pay <u>4</u> Por. <u>13%</u>
Location: Sec. <u>25</u> Twp. <u>19</u> Rge. <u>31</u>	Co. <u>Scott</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) _____

Interval Tested <u>4392'</u>	<u>4426'</u>	Initial Str Wt./Lbs. <u>60,000</u>	Unseated Str Wt./Lbs. <u>29,000</u>
Anchor Length _____	<u>34'</u>	Wt. Set Lbs. <u>26,000</u>	Wt. Pulled Loose/Lbs. <u>10,000</u>
Top Packer Depth _____	<u>4387'</u>	Tool Weight <u>4,000</u>	
Bottom Packer Depth _____	<u>4392'</u>	Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth _____	<u>4426'</u>	Wt. Pipe Run _____	Drill Collar Run _____
Mud Wt. <u>9.3</u> LCM <u>—</u> Vis. <u>51</u> WL <u>9.6</u>		Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4387'</u>

Blow Description B.O.B in 1 min (Strong blow)

I.S.I: Bleed off for 7 min, return immediately built to B.O.B in 9 min.

F.F: B.O.B @ open, started dying in 35 min, died back to 10 1/2 in.

F.S.I: Bleed off for 4 min - weak return in 1 min, weak surface blow throughout.

Recovery — Total Feet 2574' GIP 1364' Ft. in DC _____ Ft. in DP 2574'

Rec. <u>154'</u>	Feet Of <u>slightly gassy oil</u>	5% gas	95% oil	% water	% mud
Rec. <u>186'</u>	Feet Of <u>Heavy Gassy oil</u>	20% gas	80% oil	% water	% mud
Rec. <u>2110'</u>	Feet Of <u>Chalky oil (Reversed)</u>	% gas	% oil	% water	% mud
Rec. <u>124'</u>	Feet Of <u>Under Circ. So. oil cut gassy mud</u>	40% gas	30% oil	% water	30% mud
Rec. _____	Feet Of _____	% gas	% oil	% water	% mud

BHT 138° °F Gravity 37 °API D@ 100 °F Corrected Gravity 33 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1800 ppm System

(A) Initial Hydrostatic Mud <u>2140</u>	PSI	Recorder No. <u>11057</u>	T-Started <u>09:10 AM.</u>
(B) First Initial Flow Pressure <u>291</u>	PSI	(depth) <u>4393'</u>	T-Open <u>10:30 AM</u>
(C) First Final Flow Pressure <u>660</u>	PSI	Recorder No. <u>11058</u>	T-Pulled <u>13:45 P.M.</u>
(D) Initial Shut-in Pressure <u>928</u>	PSI	(depth) <u>4423'</u>	T-Out <u>17:10 P.M.</u>
(E) Second Initial Flow Pressure <u>761</u>	PSI	Recorder No. _____	
(F) Second Final Flow Pressure <u>917</u>	PSI	(depth) _____	
(G) Final Shut-in Pressure <u>928</u>	PSI	Initial Opening <u>30</u>	Test <u>X</u> <u>700</u>
(H) Final Hydrostatic Mud <u>2117</u>	PSI	Initial Shut-in <u>45</u>	Jars _____

Final Flow 60 Safety Joint _____

Final Shut-in 60 Straddle _____

Circ. Sub X 35

Sampler _____

Extra Packer _____

Elect. Rec. _____

Other val 80

TOTAL PRICE \$ 815

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Approved By Rick Harris

Our Representative Shirley B. B.

WELL NAME Nue Feld DST # 3 RECORDER # 11058

INIT. HYD. MUD. 1.949 FINAL HYD. MUD 1.872

INITIAL FLOW MINUTES	INITIAL SHUTIN MINUTES	INITIAL FLOW MINUTES	INITIAL SHUTIN MINUTES	FINAL FLOW MINUTES	FINAL SHUTIN MINUTES
<u>30</u>	<u>45</u>	<u>60</u>	<u>60</u>		
INTERVAL	INTERVAL	INTERVAL	INTERVAL	INTERVAL	INTERVAL
.319	354	1	.722	807	
.309	343	2	.712	796	.845 947
.332	366 369	3	.715	800	.847 949
.389	432	4	.728	814	.848 950
.440	489	5	.739	827	.852 955
.488	543	6	.752	841	.855 958
.527	587	7	.763	854	.858 961
.561	625	8	.776	869	.857 960
.589	651	9	.787	881	.857 960
.602	683	10	.793	888	.856 959
.632	706	11	.799	895	.855 958
		12	.805	901	.855 958
	33 .860 964	13	.810	907	.855 958
	36 .862 966	14	.815	913	.855 958
	39 .862 966	15	.819	917	.855 958
	42 .866 970	16	.821	920	.855 958
	45 .869 974	17	.826	925	.855 958
		18	.830	930	.855 958
		19	.831	931	.855 958
		20	.832	932	.855 958
		21	.837	938	.859 963
		22			
		23			
		24			
		25			
		26			
		27			

TRILOBITE TESTING L.L.C.

OPERATOR : Brito Oil
WELL NAME: Nuefled 1-25
LOCATION : 25-19S-31W Scott KS
INTERVAL : 4431.00 To 4450.00 ft

DATE 8/29/97
KB 2940.00 ft TICKET NO: 10357 DST #4
GR 2930.00 ft FORMATION: Alta"C"
TD 4450.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 0245 to 0315 hr
SI 45 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 0315 to 0400 hr
SF 60 Clock(hrs)	24 hr	24 hr	12 hr			SF Fr. 0400 to 0500 hr
FS 60 Depth(ft)	4432.0	4432.0	4447.0	0.0	0.0	FS Fr. 0500 to 0600 hr

	Field	1	2	3	4	
A. Init Hydro	2208.0	2182.0	0.0	0.0	0.0	T STARTED 0100 hr
B. First Flow	89.0	83.0	0.0	0.0	0.0	T ON BOTM 0230 hr
B1. Final Flow	145.0	139.0	0.0	0.0	0.0	T OPEN 0245 hr
C. In Shut-in	1118.0	1102.0	0.0	0.0	0.0	T PULLED 0600 hr
D. Init Flow	201.0	205.0	0.0	0.0	0.0	T OUT 0835 hr
E. Final Flow	336.0	336.0	0.0	0.0	0.0	
F. Fl Shut-in	1096.0	1093.0	0.0	0.0	0.0	
G. Final Hydro	2185.0	2109.0	0.0	0.0	0.0	
Inside/Outside	I	I	O			

RECOVERY

Tot Fluid 690.00 ft of 0.00 ft in DC and 690.00 ft in DP
50.00 ft of Mud Cut Water with Oil Scum
0.00 ft of 20% mud 80% water
640.00 ft of Salt Water
0.00 ft of 100% water
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of RW .187 @ 70F
SALINITY 38500.00 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 88000.00 lbs
Initial Str Wt 60000.00 lbs
Unseated Str Wt 63000.00 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 4419.00 ft

BLOW DESCRIPTION

Initial Flow:
Bottom of bucket in 23 mins

Initial Shut In:
No return

Final Flow:
Bottom of bucket in 31 mins

Final Shut In:
No return

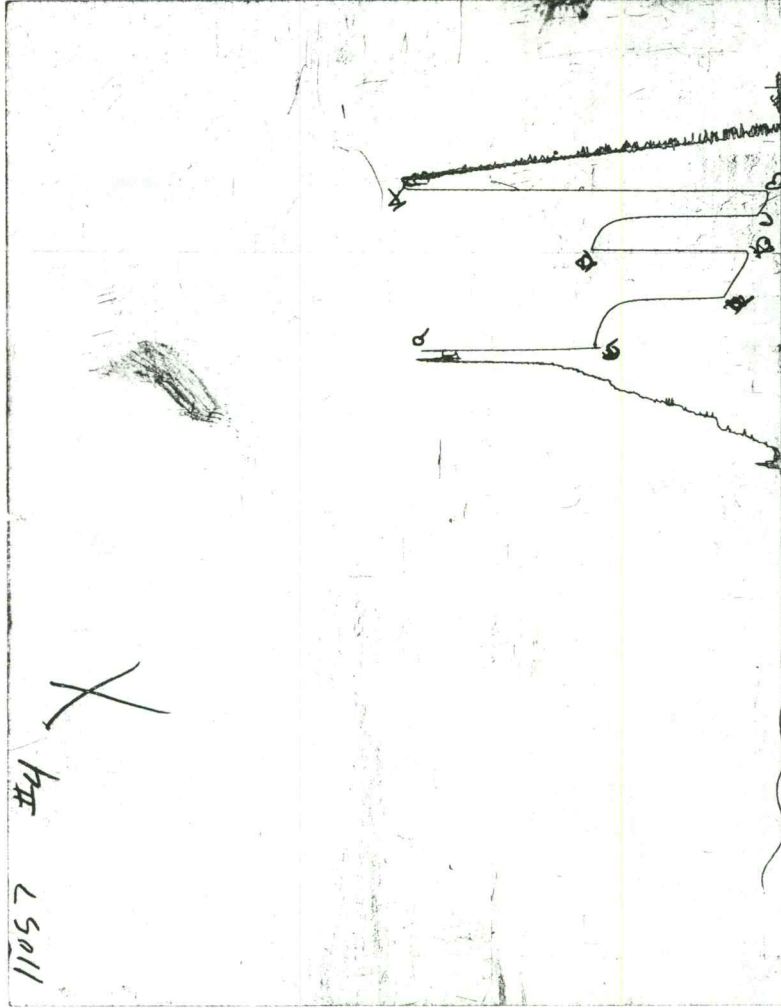
SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.20 lb/cf
Vis. 51.00 S/L
W.L. 9.60 in3
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 140.00 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. Rick Harris
Contr. White & Ellis
Rig # 9
Unit #
Pump T.

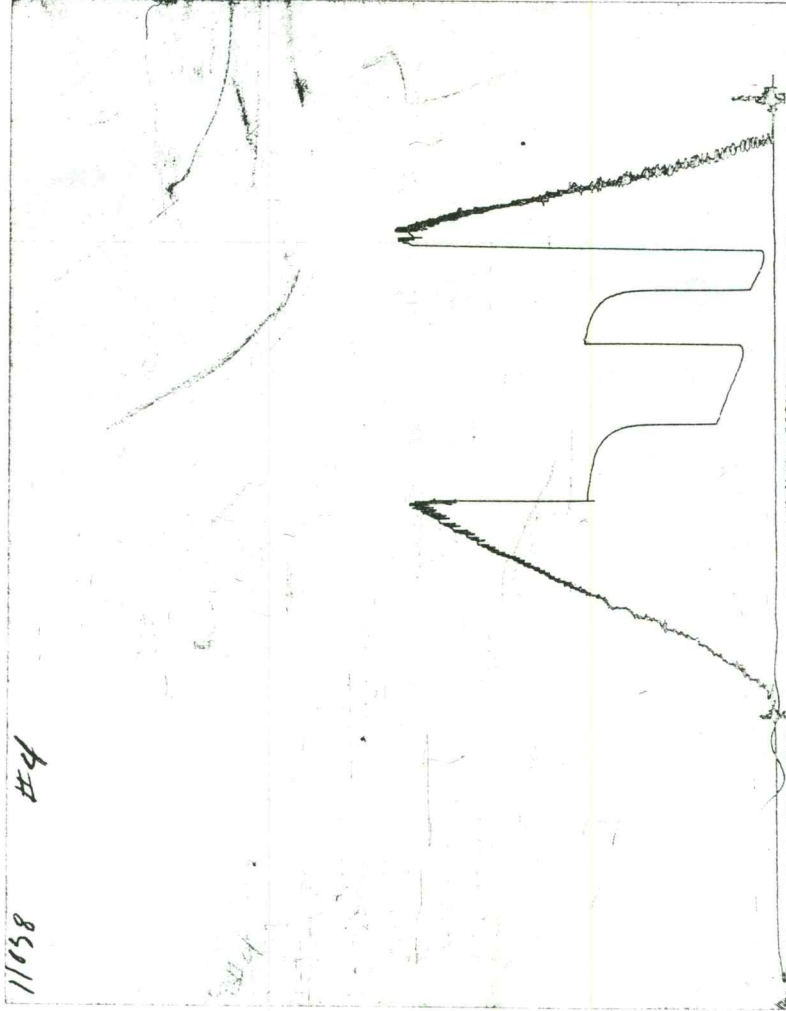
Test Successful: Y

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 10357

Well Name & No. <u>Timesfield 1-25</u>	Test No. <u>4</u>	Date <u>8-29-97</u>
Company <u>Brito O.I.</u>	Zone Tested <u>ALTA C</u>	
Address <u>1205 Market St. #400, Wichita KS 67202</u>	Elevation <u>2940</u>	KB <u>2920</u>
Co. Rep / Geo. <u>Rick Harris</u>	Cont. <u>W/E #9</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>25</u> Twp. <u>19</u> Rge. <u>31</u>	Co. <u>Scott</u>	State <u>KS</u>
No. of Copies <u>N</u>	Distribution Sheet (Y, N) <u>✓</u>	Turnkey (Y, N) <u>✓</u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4431'</u>	<u>4450</u>	Initial Str Wt./Lbs. <u>60,000</u>	Unseated Str Wt./Lbs. <u>63,000</u>
Anchor Length <u>19</u>		Wt. Set Lbs. <u>26,000</u>	Wt. Pulled Loose/Lbs. <u>88,000</u>
Top Packer Depth <u>4426</u>		Tool Weight <u>4,000</u>	
Bottom Packer Depth <u>4431</u>		Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u>4450</u>		Wt. Pipe Run <u> </u>	Drill Collar Run <u> </u>
Mud Wt. <u>9.2</u> LCM <u>-</u> Vis. <u>51</u> WL <u>9.6</u>		Drill Pipe Size <u>4 1/2 X 1 1/4</u>	Ft. Run <u>4419'</u>
Blow Description <u>B.O.B in 23 min</u>			

I.S.I: No return
 F.F: B.O.B in 31 min
 C.S.I: No return

Recovery — Total Feet <u>690'</u>	GIP <u>-</u>	Ft. in DC <u>-</u>	Ft. in DP <u>690'</u>
Rec. <u>50'</u>	Feet Of <u>SL. Hy. Mud cut water oil sum</u>	%gas <u>sum</u>	%oil <u>80</u> %water <u>20</u> %mud
Rec. <u>640'</u>	Feet Of <u>Salt Water</u>	%gas <u> </u>	%oil <u>100</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
Rec. <u> </u>	Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u> %water <u> </u> %mud
BHT <u>140°</u>	°F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u> °API <u> </u>
RW <u>187</u> @ <u>70</u>	°F Chlorides <u>38,500</u>	ppm Recovery Chlorides <u>1800</u>	ppm System <u> </u>
(A) Initial Hydrostatic Mud <u>2208</u>	PSI Recorder No. <u>11057</u>	T-Started <u>01:00 AM</u>	
(B) First Initial Flow Pressure <u>89</u>	PSI (depth) <u>4432'</u>	T-Open <u>02:45 AM</u>	
(C) First Final Flow Pressure <u>145</u>	PSI Recorder No. <u>11058</u>	T-Pulled <u>06:00 AM</u>	
(D) Initial Shut-in Pressure <u>1118</u>	PSI (depth) <u>4447'</u>	T-Out <u>08:35 AM</u>	
(E) Second Initial Flow Pressure <u>201</u>	PSI Recorder No. <u> </u>		
(F) Second Final Flow Pressure <u>336</u>	PSI (depth) <u> </u>		
(G) Final Shut-in Pressure <u>1096</u>	PSI Initial Opening <u>30</u>	Test <u>X</u>	<u>700</u>
(H) Final Hydrostatic Mud <u>2185</u>	PSI Initial Shut-in <u>45</u>	Jars <u> </u>	

Final Flow <u>60</u>	Safety Joint <u> </u>
Final Shut-in <u>60</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 Rick Harris
 Our Representative Steve McBratney

Circ. Sub X N/C
 Sampler
 Extra Packer
 Elect. Rec.
 Other
 TOTAL PRICE \$ 700

TRILOBITE TESTING L.L.C.

OPERATOR : Brito Oil
WELL NAME: Nuefeld 1-25
LOCATION : 25-19S-31W Scott KS
INTERVAL : 4627.00 To 4647.00 ft

DATE 8/30/97
KB 2940.00 ft TICKET NO: 10358 DST #5
GR 2930.00 ft FORMATION: Mississippi
TD 4647.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 1125 to 1155 hr
SI 45 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 1155 to 1240 hr
SF 30 Clock(hrs)	24 hr	24 hr	12 hr			SF Fr. 1240 to 1310 hr
FS 30 Depth(ft)	4639.0	4639.0	4644.0	0.0	0.0	FS Fr. 1310 to 1340 hr

	Field	1	2	3	4	
A. Init Hydro	2298.0	2309.0	0.0	0.0	0.0	T STARTED 0945 hr
B. First Flow	56.0	47.0	0.0	0.0	0.0	T ON BOTM 1115 hr
B1. Final Flow	44.0	31.0	0.0	0.0	0.0	T OPEN 1125 hr
C. In Shut-in	1130.0	1109.0	0.0	0.0	0.0	T PULLED 1340 hr
D. Init Flow	56.0	51.0	0.0	0.0	0.0	T OUT 1555 hr
E. Final Flow	56.0	41.0	0.0	0.0	0.0	
F. Fl Shut-in	1051.0	1020.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2276.0	2170.0	0.0	0.0	0.0	Tool Wt. 4000.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 0.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 61000.00 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 4607.00 ft

RECOVERY

Tot Fluid 40.00 ft of 0.00 ft in DC and 40.00 ft in DP
1.00 ft of Free Oil
0.00 ft of
39.00 ft of Slightly Oil Cut Mud
0.00 ft of 5%oil 95%mud
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 Surface blow built to 1.25"

Initial Shut In:
No return

Final Flow:
Bubble to open tool - no blow

Final Shut In:
No return

SAMPLES:
SENT TO:

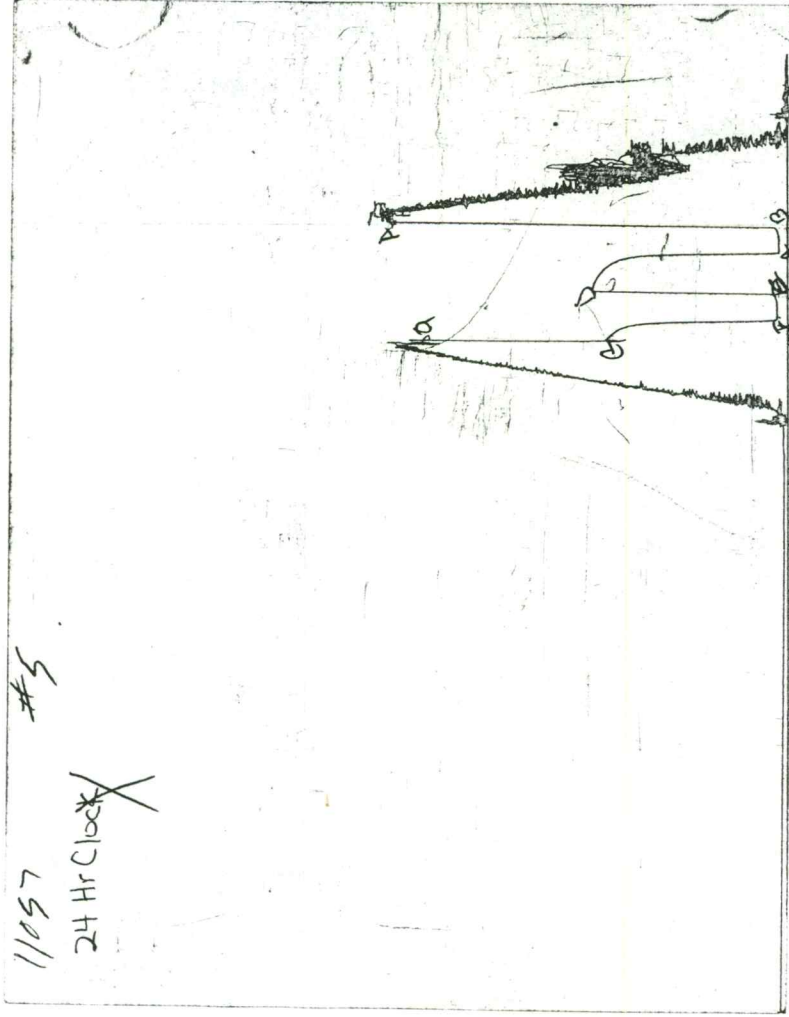
MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	58.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	139.00 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.	Rick Harris
Contr.	White & Ellis
Rig #	9
Unit #	
Pump T.	

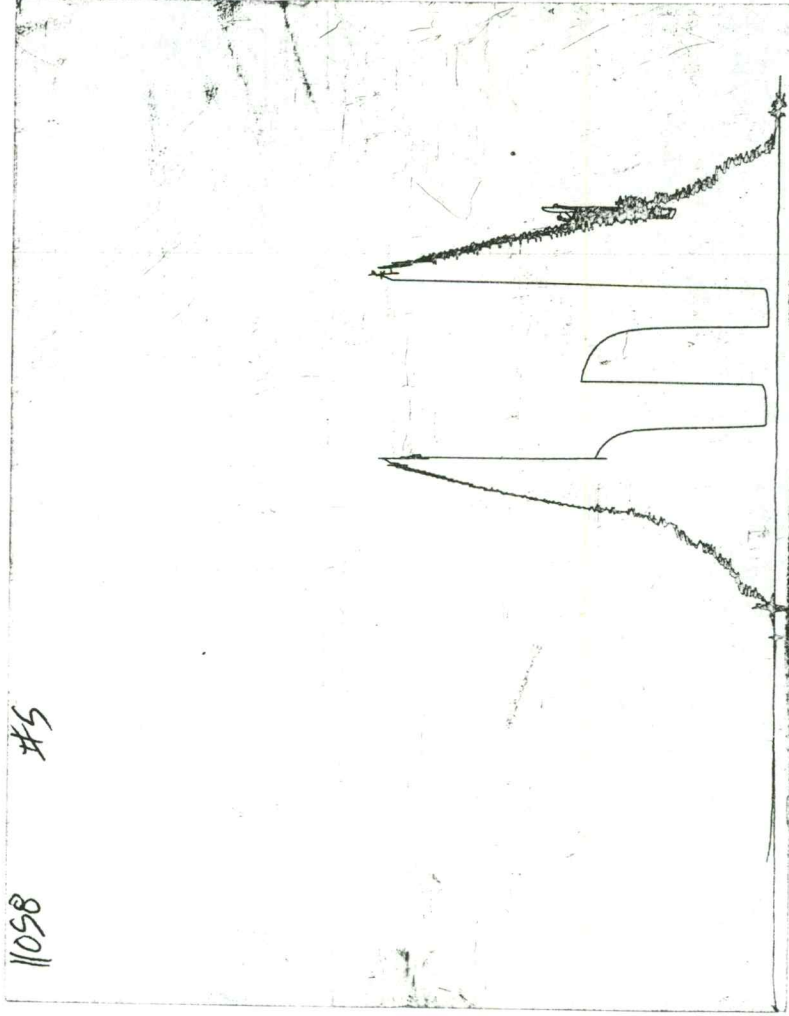
Test Successful: Y

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 10358

Well Name & No. <u>Nuefeld 1-25</u>	Test No. <u>3</u>	Date <u>8-30-97</u>
Company <u>Brito Oil</u>	Zone Tested <u>M-55</u>	
Address <u>205 Market, Suite 400 Wichita KS 67202</u>	Elevation <u>2940</u> KB <u>2930</u> GL	
Co. Rep / Geo. <u>Rick Harris</u>	Cont. <u>W's E #9</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>25</u> Twp. <u>19</u> Rge. <u>30</u>	Co. <u>Scott</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> </u>

Interval Tested 4627' 4647' Initial Str Wt./Lbs. 61,000 Unseated Str Wt./Lbs. 61,000
Anchor Length 20' Wt. Set Lbs. 26,000 Wt. Pulled Loose/Lbs.
Top Packer Depth 4622' Tool Weight 4,000
Bottom Packer Depth 4627' Hole Size — 7 7/8" ☒ Rubber Size — 6 3/4" ☒
Total Depth 4647' Wt. Pipe Run Drill Collar Run
Mud Wt. 9.2+ LCM Vis. 58 WL 8.8 Drill Pipe Size 4 1/2 X 4 Ft. Run 4607'
Blow Description Weak Surface blow built to 1 1/4" in.

No return

Bubble to open tool — No blow

No return

Recovery — Total Feet 40' GIP Ft. in DC Ft. in DP 40'
Rec. 1' Feet Of Free oil %gas 100% oil %water %mud
Rec. 39' Feet Of OCM %gas 5% oil %water 95% mud
Rec. Feet Of %gas oil %water %mud
Rec. Feet Of %gas oil %water %mud
Rec. Feet Of %gas oil %water %mud
BHT 139° °F Gravity °API D@ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 2,200 ppm System

(A) Initial Hydrostatic Mud 2298 PSI Recorder No. 11057 T-Started 09:45 AM.
(B) First Initial Flow Pressure 56 PSI (depth) 4639' T-Open 11:25 AM
(C) First Final Flow Pressure 44 PSI Recorder No. 11058 T-Pulled 13:40 P.M.
(D) Initial Shut-in Pressure 1130 PSI (depth) 4644' T-Out 15:55 P.m.
(E) Second Initial Flow Pressure 56 PSI Recorder No.
(F) Second Final Flow Pressure 56 PSI (depth)
(G) Final Shut-in Pressure 1051 PSI Initial Opening 30 Test X 700
(H) Final Hydrostatic Mud 2276 PSI Initial Shut-in 45 Jars

Final Flow 30 Safety Joint
Final Shut-in 30 Straddle

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Approved By [Signature]
Our Representative [Signature]

Circ. Sub X N/C
Sampler
Extra Packer
Elect. Rec.
Other
TOTAL PRICE \$ 700