15-101-21715

27-18s-28w

WELL NAME:	Burmeister #1-27
OPERATOR:	Landmark Energy / Vess Oil
LOCATION:	Sec 27 Rge 18S Twp 28W
	Lane County Kansas
DATE:	03/10/96

TRILOBITE TESTING L.L.C.

OPERATOR : Landmark Energy/Vess Oil DATE 03/07/96
WELL NAME: Burmeister #1-27 KB 2641.00 ft TICKET NO: 8819 DST #1
LOCATION : 27-18S-28W, Lane Cty KS GR 2636.00 ft FORMATION: "J - K- Mid Creek"
INTERVAL : 4118.00 To 4188.00 ft TD 4188.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

	Mins		Field	1	2	3	4
PF	30	Rec.	11058	11058	11057		
SI	30	Range(Psi)	4475.0	4475.0	4500.0	0.0	0.0
SF	30	Clock(hrs)	AK-1	AK-1	AK-1		
FS	30	Depth(ft)	4185.0	4185.0	4125.0	0.0	0.0

TIME DATA----------
PF Fr. 1859 to 1929 hr
IS Fr. 1929 to 1959 hr
SF Fr. 1959 to 2029 hr
FS Fr. 2029 to 2059 hr

	Field	1	2	3	4
A. Init Hydro	2076.0	2092.0	0.0	0.0	0.0
B. First Flow	205.0	204.0	0.0	0.0	0.0
B1. Final Flow	816.0	821.0	0.0	0.0	0.0
C. In Shut-in	1136.0	1138.0	0.0	0.0	0.0
D. Init Flow	873.0	869.0	0.0	0.0	0.0
E. Final Flow	1075.0	1076.0	0.0	0.0	0.0
F. Fl Shut-in	1136.0	1138.0	0.0	0.0	0.0
G. Final Hydro	2065.0	2045.0	0.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 1705 hr
T ON BOTM 1857 hr
T OPEN 1859 hr
T PULLED 2059 hr
T OUT hr

TOOL DATA----------

Tool Wt.	0.00 lbs
Wt Set On Packer	26000.00 lbs
Wt Pulled Loose	68000.00 lbs
Initial Str Wt	44000.00 lbs
Unseated Str Wt	54000.00 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	4142.00 ft

RECOVERY
Tot Fluid 2220.00 ft of 0.00 ft in DC and 2220.00 ft in DP
120.00 ft of Water cut mud - 30% water, 70% mud
180.00 ft of Mud cut water - 70% water, 30% mud
1920.00 ft of Salt water - 100% water

RW .09 @ 75 F
SALINITY 79000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA----------

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	43.00 S/L
W.L.	12.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	122.00 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.	Craig Caulk
Contr.	LD Drilling
Rig #	
Unit #	
Pump T.	

BLOW DESCRIPTION
Initial Flow -
Bottom of bucket in 1 min

Initial Shutin -
No return blow

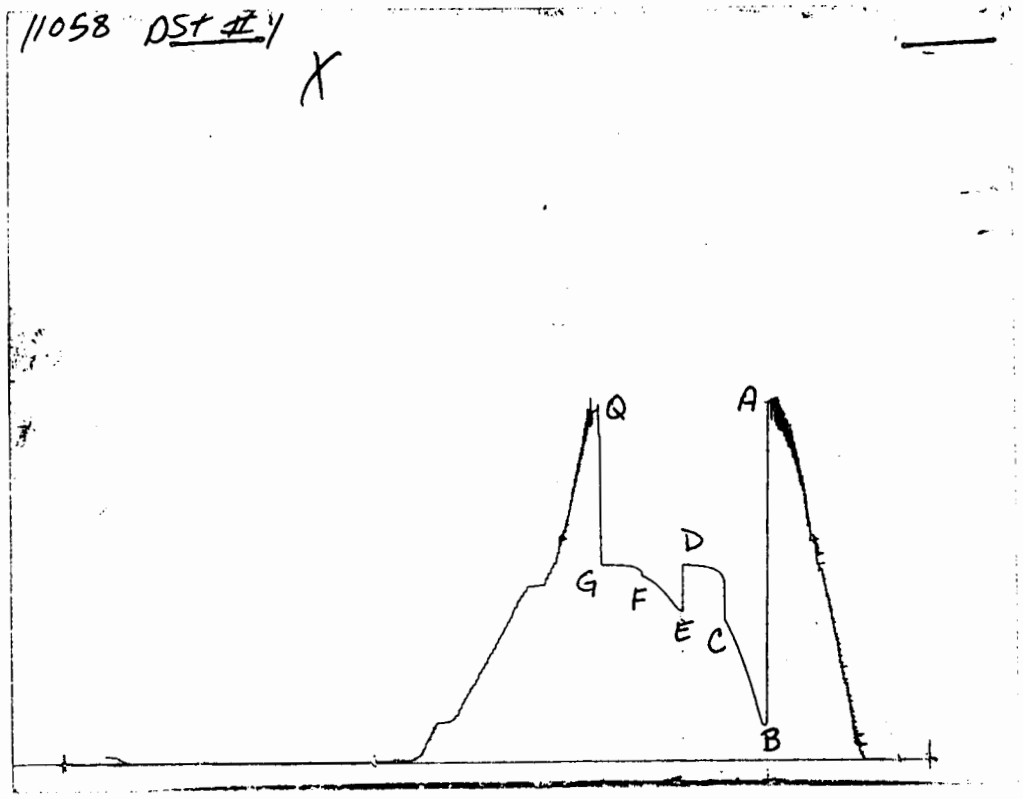
Final Flow -
Bottom of bucket in 2.5 min

Final Shutin -
No return blow

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

№ 8819

Well Name & No. Burmeister #1-27 Test No. 1 Date 3-7-96

Company Landmark Energy Expl, Inc./Nessoil Corp. Zone Tested J-K-m.o. creek

Address 1861 N. Rock Rd. Suite 205 Wich. Ks, Ks 67206 Elevation 2641' KB 2636' GL

Co. Rep / Geo. Craig Caulk Cont. L.D. Drilling Est. Ft. of Pay ___ Por. ___ %

Location: Sec. 27 Twp. 18 Rge. 28 Co. Lane State Ks

No. of Copies Norm Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N) N

Interval Tested 4118' — 4188' Initial Str Wt./Lbs. 44,000 Unseated Str Wt./Lbs. 54,000

Anchor Length 70' Wt. Set Lbs. 26,000 Wt. Pulled Loose/Lbs. 68,000

Top Packer Depth 4113' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Bottom Packer Depth 4118' Wt. Pipe I.D. — 2.7 Ft. Run —

Total Depth 4188' Drill Collar — 2.25 Ft. Run —

Mud Wt. 9.2 LCM — Vis. 43 WL 12.8 Drill Pipe Size 4½ XH Ft. Run 4142'

Blow Description B.O.B 1 min.

I.S.I: No return Blow.

F.F: B.O.B in 2½ min.

F.S.I: No return Blow.

Recovery — Total Feet 2220' Ft. in DC — Ft. in WP — Ft. in DP 2220'

Rec. 120'	Feet Of Water cut mud	%gas	%oil	30 %water	70 %mud
Rec. 180'	Feet Of mud cut water	%gas	%oil	70 %water	30 %mud
Rec. 1920'	Feet Of salt water	%gas	%oil	100 %water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 122° °F Gravity ___ °API D@ ___ °F Corrected Gravity ___ °API

RW .09 @ 75 °F Chlorides 79,000 ppm Recovery Chlorides 3,100 ppm System

(A) Initial Hydrostatic Mud	2076 PSI	Recorder No.	11057	T-Started	17:05 P.M.
(B) First Initial Flow Pressure	205 PSI	@ (depth)	4125'	T-Open	18:59 P.M.
(C) First Final Flow Pressure	816 PSI	Recorder No.	11058	T-Pulled	20:59 P.M.
(D) Initial Shut-in Pressure	1136 PSI	@ (depth)	4185'	T-Out	
(E) Second Initial Flow Pressure	873 PSI	Recorder No.			
(F) Second Final Flow Pressure	1075 PSI	@ (depth)			
(G) Final Shut-in Pressure	1136 PSI	Initial Opening	30	Test X	600
(H) Final Hydrostatic Mud	2065 PSI	Initial Shut-in	30	Jars	
		Final Flow	30	Safety Joint	
		Final Shut-in	30	Straddle	
				Circ. Sub X	N/C
				Sampler	
				Extra Packer	
				Elect. Rec.	
				Other	
				TOTAL PRICE $	600

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 Craig Caulk

Our Representative Shane McBride

6

TRILOBITE TESTING L.L.C.

OPERATOR : Landmark Energy/Vess Oil DATE 03/10/96
WELL NAME: Burmeister #1-27 KB 2741.00 ft TICKET NO: 8820 DST #2
LOCATION : 27-18S-28W, Lane Cty KS GR 2736.00 ft FORMATION: "J"
INTERVAL : 4210.00 To 4250.00 ft TD 4620.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	0	Rec.	11058	11058	11057		
SI	0	Range(Psi)	4475.0	4475.0	4500.0	0.0	0.0
SF	0	Clock(hrs)	AK-1	AK-1	AK-1		
FS	0	Depth(ft)	4214.0	4214.0	4617.0	0.0	0.0

	Field	1	2	3	4
A. Init Hydro	2188.0	2193.0	0.0	0.0	0.0
B. First Flow	0.0	0.0	0.0	0.0	0.0
B1. Final Flow	0.0	0.0	0.0	0.0	0.0
C. In Shut-in	0.0	0.0	0.0	0.0	0.0
D. Init Flow	0.0	0.0	0.0	0.0	0.0
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	2165.0	2182.0	0.0	0.0	0.0
Inside/Outside	I	I	T		

TIME DATA----------

PF Fr.	to		hr
IS Fr.	to		hr
SF Fr.	to		hr
FS Fr.	to		hr

T STARTED	0410	hr
T ON BOTM	0608	hr
T OPEN	0610	hr
T PULLED	0625	hr
T OUT	0750	hr

TOOL DATA----------

Tool Wt.	0.00 lbs
Wt Set On Packer	30000.00 lbs
Wt Pulled Loose	56000.00 lbs
Initial Str Wt	50000.00 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	4568.00 ft

RECOVERY
Tot Fluid 190.00 ft of 0.00 ft in DC and 190.00 ft in DP
190.00 ft of Drilling mud

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

BLOW DESCRIPTION

*Packer failure at open; tried to reset
failed again.

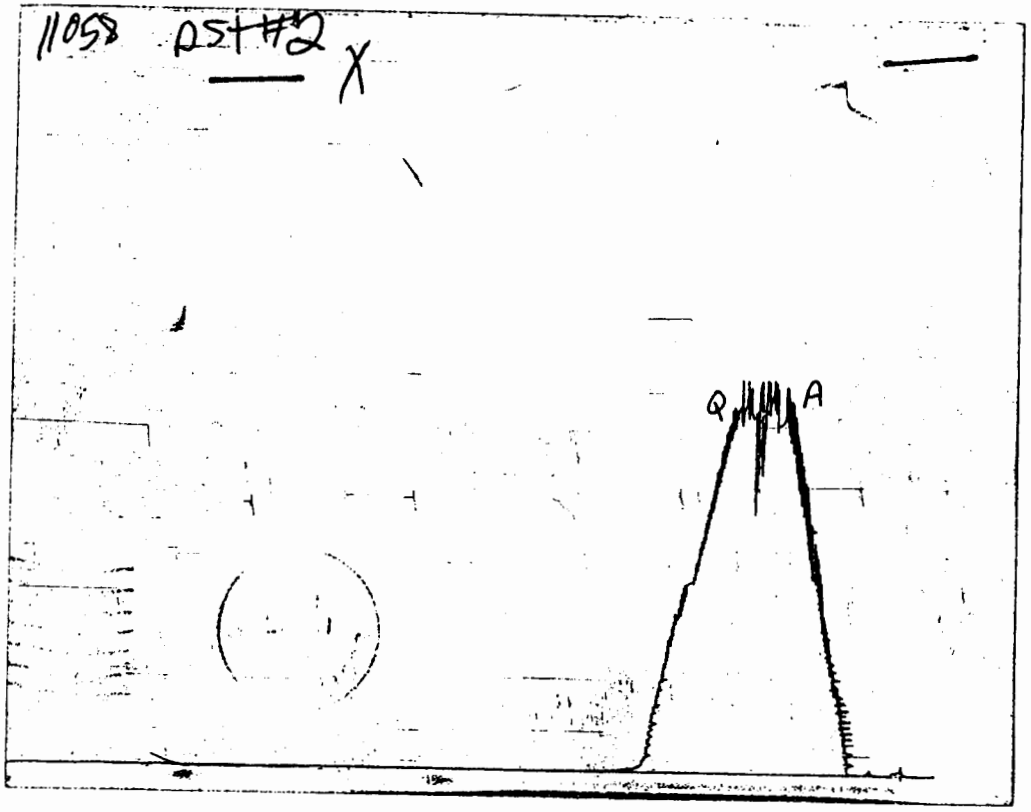
MUD DATA----------

Mud Type	Chemical
Weight	9.50 lb/c
Vis.	50.00 S/L
W.L.	12.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	110.00 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.	Craig Caulk
Contr.	LD Drilling
Rig #	
Unit #	
Pump T.	

SAMPLES:
SENT TO:

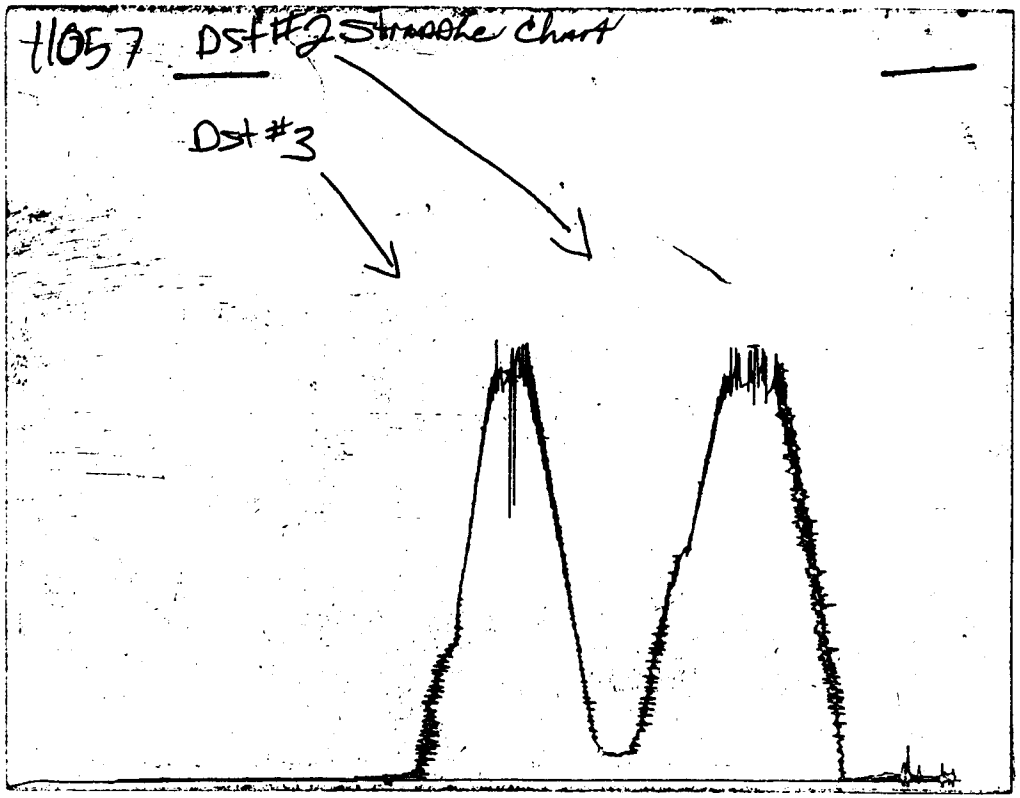
Test Successful: N

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

№ 8820

Well Name & No. Burmeister # 1-27 Test No. 2 Date 3-10-96

Company Landmark Energy Expl. Inc. / Vessort Corp. Zone Tested "J"

Address 1861 N. Rock Rd. Suite 205 Wichita, Ks 67206 Elevation 2741' KB 2736 GL

Co. Rep / Geo. Craig Caulk Cont. L.D. Drilling Est. Ft. of Pay ___ Por. ___ %

Location: Sec. 27 Twp. 18 Rge. 28 Co. Lane State Ks

No. of Copies Norm. Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N) N

Interval Tested 4210' 4250' Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 51,000

Anchor Length 40' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 56,000

Top Packer Depth 4205' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Bottom Packer Depth 4210' — 4250' Wt. Pipe I.D. — 2.7 Ft. Run —

Total Depth 4620' Drill Collar — 2.25 Ft. Run —

Mud Wt. 9.5 LCM — Vis. 50+ WL 12 Drill Pipe Size 4½ XH Ft. Run 4568'

Blow Description Packer Failure @ open. Tried to reset Failure again.

Recovery — Total Feet 190' Ft. in DC — Ft. in WP — Ft. in DP 190'

Rec. 190' Feet Of Drilling mud %gas %oil %water 100 %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 110° °F Gravity ___ °API D@ ___ °F Corrected Gravity ___ °API

RW ___ @ ___ °F Chlorides ___ ppm Recovery Chlorides 6,500 ppm System

(A) Initial Hydrostatic Mud	2188 PSI	Recorder No.	11057	T-Started	4:10 A.M.
(B) First Initial Flow Pressure	___ PSI	@ (depth)	4617'	T-Open	6:10 A.M.
(C) First Final Flow Pressure	___ PSI	Recorder No.	11058	T-Pulled	6:25 A.M.
(D) Initial Shut-in Pressure	___ PSI	@ (depth)	4214'	T-Out	7:50 A.M.
(E) Second Initial Flow Pressure	___ PSI	Recorder No.	___		
(F) Second Final Flow Pressure	___ PSI	@ (depth)	___		
(G) Final Shut-in Pressure	___ PSI	Initial Opening	___	Test X	400
(H) Final Hydrostatic Mud	2165 PSI	Initial Shut-in	Packer Failed	Jars	___
		Final Flow	@ open	Safety Joint	___
		Final Shut-in	___	Straddle X	259
			___	Circ. Sub X	N/C
			___	Sampler	___
				Extra Packer X	150
				Elect. Rec.	___
				Other	___
				TOTAL PRICE $	800

(m)

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 [signature]

5

TRILOBITE TESTING L.L.C.

OPERATOR : Landmark Energy/Vess Oil DATE 03/10/96
WELL NAME: Burmeister #1-27 KB 2741.00 ft TICKET NO: 8821 DST #3
LOCATION : 27-18S-28W, Lane Cty KS GR 2736.00 ft FORMATION: "J"
INTERVAL : 4148.00 To 4250.00 ft TD 4620.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	0	Rec.	11058	11058	11057		
SI	0	Range(Psi)	4475.0	4475.0	4500.0	0.0	0.0
SF	0	Clock(hrs)	AK-1	AK-1	AK-1		
FS	0	Depth(ft)	4152.0	4152.0	4617.0	0.0	0.0

TIME DATA----------

PF Fr.	to		hr
IS Fr.	to		hr
SF Fr.	to		hr
FS Fr.	to		hr

	Field	1	2	3	4
A. Init Hydro	2188.0	2190.0	0.0	0.0	0.0
B. First Flow	0.0	0.0	0.0	0.0	0.0
B1. Final Flow	0.0	0.0	0.0	0.0	0.0
C. In Shut-in	0.0	0.0	0.0	0.0	0.0
D. Init Flow	0.0	0.0	0.0	0.0	0.0
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	2165.0	2169.0	0.0	0.0	0.0
Inside/Outside		I	I	T	

T STARTED	0800	hr
T ON BOTM	0906	hr
T OPEN	0908	hr
T PULLED	0920	hr
T OUT	1155	hr

RECOVERY
Tot Fluid 120.00 ft of 0.00 ft in DC and 120.00 ft in DP
120.00 ft of Drilling mud

TOOL DATA----------

Tool Wt.	0.00	lbs
Wt Set On Packer	30000.00	lbs
Wt Pulled Loose	56000.00	lbs
Initial Str Wt	50000.00	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	4568.00	ft

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

MUD DATA----------

Mud Type	Chemical	
Weight	9.50	lb/g
Vis.	50.00	S/L
W.L.	12.00	in3
F.C.	0.00	in
Mud Drop		
Amt. of fill	0.00	ft
Btm. H. Temp.	108.00	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.	Craig Caulk	
Contr.	LD Drilling	
Rig #		
Unit #		
Pump T.		

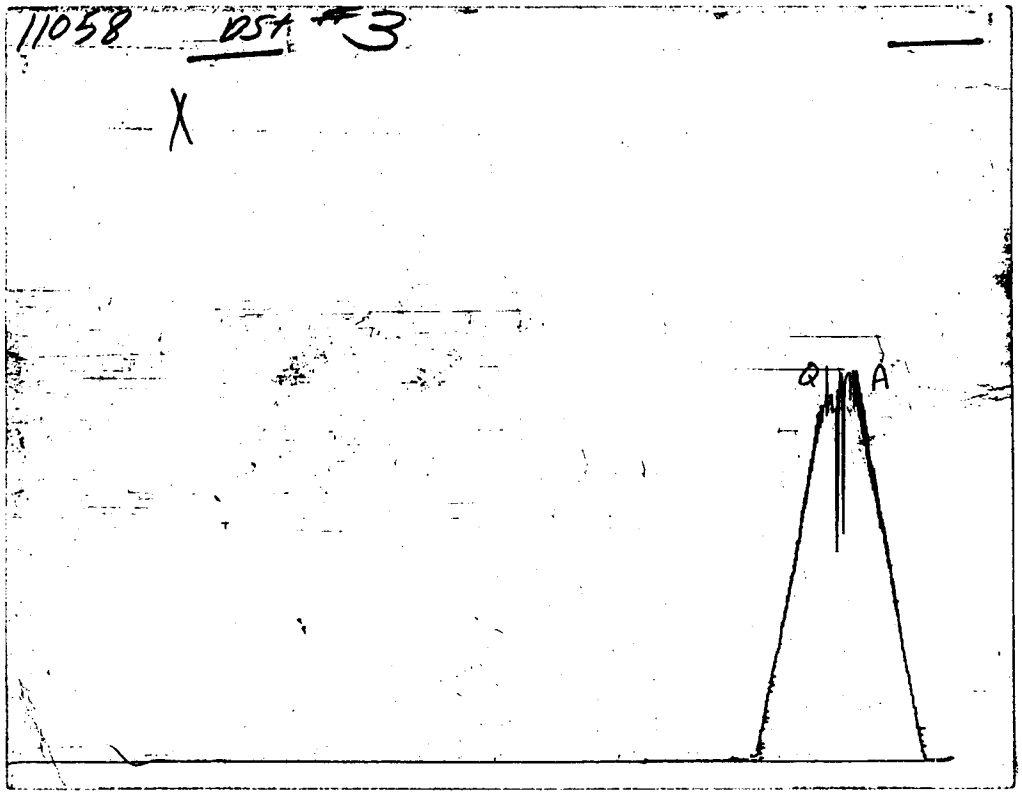
BLOW DESCRIPTION

*Packer failure at open, tried to reset
failed again.

SAMPLES:
SENT TO:

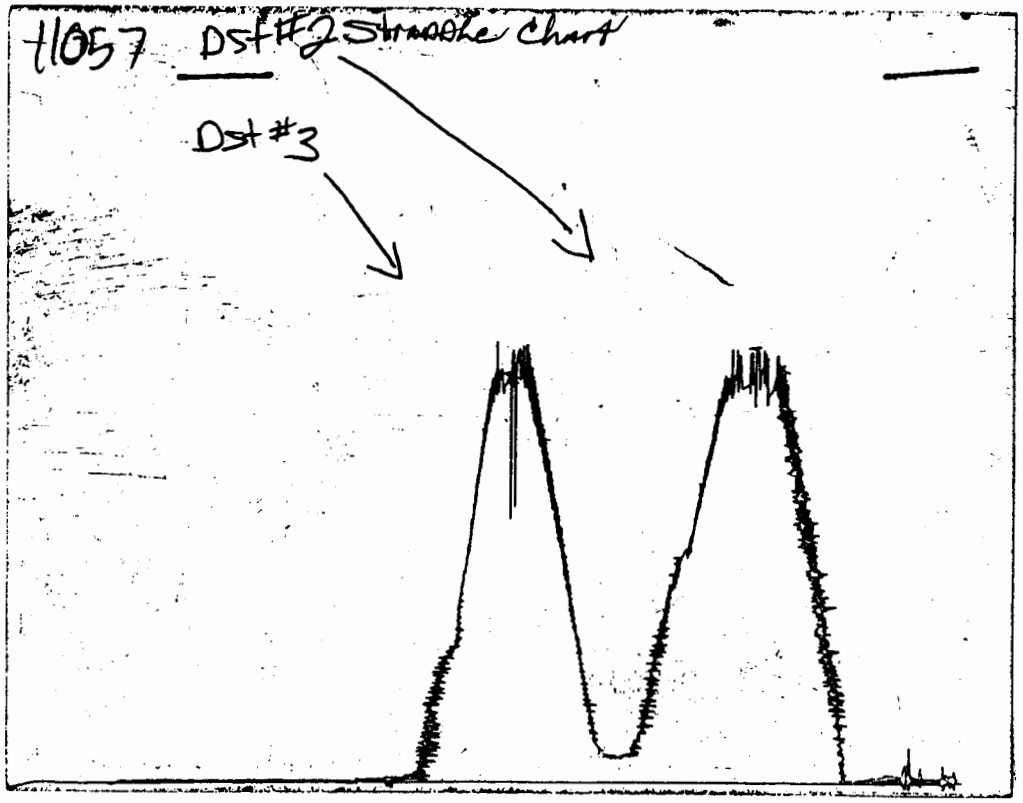
Test Successful: N

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

№ 8821

Well Name & No. Burmeister # 1-27 Test No. 3 Date 3-10-96

Company Lowdermilk Energy Explor. Inc / Vessort Corp. Zone Tested "J"

Address 1861 N. Rock Rd Suite 205 Wichita, KS 67206 Elevation 2741 KB 2736 GL

Co. Rep / Geo. Craig Caulk Cont. L.D. Drilling Est. Ft. of Pay ___ Por. ___ %

Location: Sec. 27 Twp. 18 Rge. 28 Co. LANE State KS

No. of Copies Norm Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N) N

Interval Tested 4148' – 4250' Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 54,000

Anchor Length 102' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 56,000

Top Packer Depth 4143'-4148' – Top Packers Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Bottom Packer Depth 4250' Wt. Pipe I.D. — 2.7 Ft. Run —

Total Depth 4620' Drill Collar — 2.25 Ft. Run —

Mud Wt. 9.5 LCM — Vis. 50+ WL 12 Drill Pipe Size 4½XH Ft. Run 4568'

Blow Description Packer Failure @ open – Tried to reset – Failed again

Recovery — Total Feet 120' Ft. in DC — Ft. in WP — Ft. in DP 120'

Rec. 120'	Feet Of Drilling mud	%gas	%oil	%water	100	%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 108° °F Gravity ___ °API D@ ___ °F Corrected Gravity ___ °API

RW ___ @ ___ °F Chlorides ___ ppm Recovery Chlorides 6,500 ppm System

(A) Initial Hydrostatic Mud	2188 PSI	Recorder No.	11058	T-Started	8:00 AM.
(B) First Initial Flow Pressure	PSI	@ (depth)	4152'	T-Open	9:08 AM
(C) First Final Flow Pressure	PSI	Recorder No.	11057	T-Pulled	9:20 AM
(D) Initial Shut-in Pressure	PSI	@ (depth)	4617'	T-Out	11:55 A.M.
(E) Second Initial Flow Pressure	PSI	Recorder No.			
(F) Second Final Flow Pressure	PSI	@ (depth)			
(G) Final Shut-in Pressure	PSI	Initial Opening		Test X	400
(H) Final Hydrostatic Mud	2165 PSI	Initial Shut-in		Jars	
		Final Flow	Packer Failed	Safety Joint	
		Final Shut-in	Open	Straddle X	250
				Circ. Sub X	N/C
				Sampler	
				Extra Packer X	150
				Elect. Rec.	
				Other	
				TOTAL PRICE $	800

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 ___

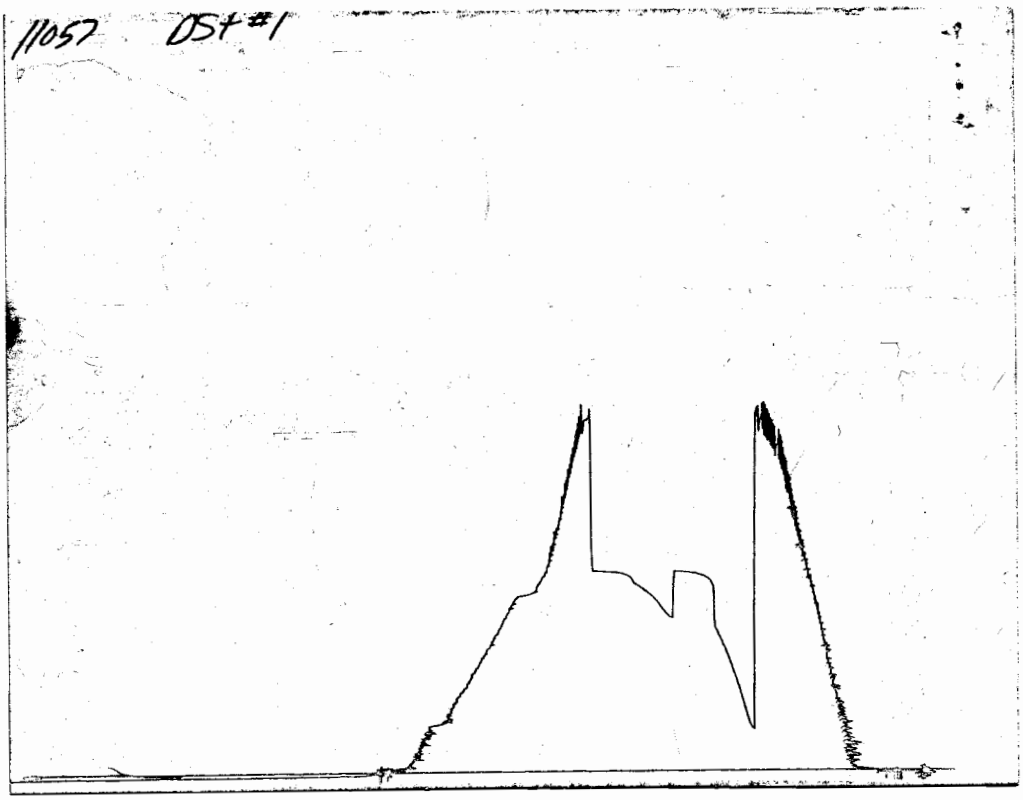
Our Representative ___

Well name Burmeister

DST # 1

Recorder # 11058

				1
A		2092		2
B		204		3
C		821		4
D		1138		5
E		869		6
F		1076		7
G		1138		8
H		2045		9
				10
				11
				12



Well name Burmeister

DST # 2

Recorder # 11058

				1
A		2193		2
B				3
C				4
D				5
E				6
F				7
G				8
H		2182		9
				10
				11
				12

Well name Burmeister

DST # 3

Recorder # 11058

				1
A		2190		2
B				3
C				4
D				5
E				6
F				7
G				8
H		2169		9
				10
				11
				12