ORIGINAL

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

№ 11537

Test Ticket

Well Name & No. Nickelson "A" #13-1 Test No. 1 Date 9-12-98

Company Ron's Oil Operations Zone Tested B-C LKC

Address RFD 1, Box 112 Penokee, Ks. 67659 Elevation 2402 KB ____ GL

Co. Rep / Geo. Jerry Green Cont. Discovery #2 Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 13 Twp. 9 Rge. 24 Co. Graham State Ks

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

Interval Tested 3755 - 3785 Initial Str Wt./Lbs. 42,000 Unseated Str Wt./Lbs. 42,000

Anchor Length 30 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 69,000

Top Packer Depth 3750 Tool Weight 1100

Bottom Packer Depth 3755 Hole Size — 7 7/8" ____ Rubber Size — 6 3/4" ____

Total Depth 3785 Wt. Pipe Run ____ Drill Collar Run 30

Mud Wt. 9 LCM ____ Vis. 46 WL 8.8 Drill Pipe Size 4.5 XH Ft. Run 3727

Blow Description I.F. Weak-building to B.O.B. in 2 min.

F.F. Weak-building to 2"

Recovery — Total Feet 375 GIP ____ Ft. in DC 30 Ft. in DP 345

Rec. 375	Feet Of Mdy WTR.	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of Scum of oil in	%gas	%oil	%water	%mud
Rec. ____	Feet Of Top Tool	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud

BHT 110 °F Gravity ____ °API D@ ____ °F Corrected Gravity ____ °API

RW .23 @ 72 °F Chlorides 62,000 ppm Recovery Chlorides 2,000 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud	1886		PSI	Recorder No.	13754	T-On Location	18:20
(B) First Initial Flow Pressure	29		PSI	(depth)	3758	T-Started	19:45
(C) First Final Flow Pressure	88		PSI	Recorder No.	13248	T-Open	20:38
(D) Initial Shut-In Pressure	472		PSI	(depth)	3782	T-Pulled	23:54
(E) Second Initial Flow Pressure	98		PSI	Recorder No.	____	T-Out	01:50
(F) Second Final Flow Pressure	137		PSI	(depth)	____	T-Off Location	02:10
(G) Final Shut-in Pressure	442		PSI	Initial Opening	45	Test	600
(Q) Final Hydrostatic Mud	1786		PSI	Initial Shut-in	45	Jars	____
				Final Flow	45	Safety Joint	____
				Final Shut-in	45	Straddle	____
						Circ. Sub	____
						Sampler	5
						Extra Packer	____
						Elec. Rec.	____
						Mileage	____
						Other	____

Approved By ____

Our Representative D. Basle

ORIGINAL

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 11538

Well Name & No. Dickelson "A" #13-1 Test No. 2 Date 9-13-98

Company Ron's Oil Operations LLC Zone Tested "F"

Address _____ Elevation 2402 KB _____ GL

Co. Rep / Geo. Jerry Green Cont. Discovery #2 Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 13 Twp. 9 Rge. 24 Co. Graham State Ks

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

Interval Tested 3797 – 3825 Initial Str Wt./Lbs. 42,000 Unseated Str Wt./Lbs. 42,000

Anchor Length 28 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 55,000

Top Packer Depth 3792 Tool Weight 1100

Bottom Packer Depth 3797 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____

Total Depth 3825 Wt. Pipe Run _____ Drill Collar Run 30

Mud Wt. 9.1 LCM _____ Vis. 48 WL 8 Drill Pipe Size 4.5 XH Ft. Run 3758

Blow Description I.F. Weak - steady surface blow

F.F. Weak steady surface blow

Recovery — Total Feet 65 GIP _____ Ft. in DC 60 Ft. in DP 5

Rec. 5 Feet Of O.C.M. %gas 40 %oil %water 60 %mud

Rec. 60 Feet Of OCM %gas 20 %oil %water 80 %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 2000 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	1902		PSI	Recorder No.	13754	T-On Location 08:30
(B) First Initial Flow Pressure	53		PSI	(depth)	3802	T-Started 08:55
(C) First Final Flow Pressure	53		PSI	Recorder No.	13248	T-Open 10:20
(D) Initial Shut-In Pressure	404		PSI	(depth)	3822	T-Pulled 12:20
(E) Second Initial Flow Pressure	63		PSI	Recorder No.		T-Out 13:45
(F) Second Final Flow Pressure	63		PSI	(depth)		T-Off Location
(G) Final Shut-in Pressure	393		PSI	Initial Opening	30	Test 2000
(Q) Final Hydrostatic Mud	1839		PSI	Initial Shut-in	30	Jars
				Final Flow	30	Safety Joint
				Final Shut-in	30	Straddle
						Circ. Sub
						Sampler
						Extra Packer
						Elec. Rec.
						Mileage
						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 _____

ORIGINAL

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 11539

Well Name & No. Nickelson "A" #13-1 Test No. 3 Date 9-14-98

Company Ron's Oil Operations Zone Tested H-I-J LKC

Address _____ Elevation 2402 KB 2394 GL

Co. Rep / Geo. Jerry Green Cont. Discovery #2 Est. Ft. of Pay ___ Por. ___ %

Location: Sec. 13 Twp. 9 Rge. 24 Co. Graham State Ks

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

Interval Tested 3845 - 3920 Initial Str Wt./Lbs. 44,000 Unseated Str Wt./Lbs. 44,000

Anchor Length 75 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000

Top Packer Depth 3840 Tool Weight 1000

Bottom Packer Depth 3845 Hole Size — 7 7/8" ___ Rubber Size — 6 3/4" ___

Total Depth 3920 Wt. Pipe Run ___ Drill Collar Run 30

Mud Wt. 9.1 LCM ___ Vis. 48 WL 8 Drill Pipe Size 4-5 XH Ft. Run 3880

Blow Description F.F. Weak-building to 2"

F.F. Weak-building to 3"

Recovery — Total Feet 75 GIP 248 Ft. in DC 30 Ft. in DP 45

Rec. 15 Feet Of MCO %gas 60 %oil %water 40 %mud

Rec. 60 Feet Of O+G C M 20 %gas 30 %oil %water 50 %mud

Rec. ___ Feet Of ___ %gas %oil %water %mud

Rec. ___ Feet Of ___ %gas %oil %water %mud

Rec. ___ Feet Of ___ %gas %oil %water %mud

BHT 112 °F Gravity ___ °API D@ ___ °F Corrected Gravity ___ °API

RW ___ @ ___ °F Chlorides ___ ppm Recovery Chlorides 2000 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	1966		PSI	Recorder No.	13754	T-On Location 00:20
(B) First Initial Flow Pressure	85		PSI	(depth)	3848	T-Started 01:30
(C) First Final Flow Pressure	85		PSI	Recorder No.	13248	T-Open 02:25
(D) Initial Shut-In Pressure	636		PSI	(depth)	3917	T-Pulled 04:55
(E) Second Initial Flow Pressure	85		PSI	Recorder No.		T-Out 07:00
(F) Second Final Flow Pressure	85		PSI	(depth)		T-Off Location 07:20
(G) Final Shut-in Pressure	372		PSI	Initial Opening	45	Test 0200
(Q) Final Hydrostatic Mud	1923		PSI	Initial Shut-in	30	Jars ___
				Final Flow	45	Safety Joint ___
				Final Shut-in	30	Straddle ___
						Circ. Sub ___
						Sampler ___
						Extra Packer ___
						Elec. Rec. ___
						Mileage ___
						Other ___

Approved By _____