TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name DECHANT #1 Test No. 1 Date 1/3/92
Company DOWNING NELSON OIL COMPANY Zone Tested CONGLOMERATE
Address P.O. BOX 372 HAYS KANSAS Elevation 2099 K.B.
Co. Rep./Geo. MR RON NELSON Cont. EMPHASIS #6 Est. Ft. of Pay
Location: Sec. 30 Twp. 14S Rge. 18W Co. ELLIS State KS

Interval Tested 3704-3735
Anchor Length 31
Top Packer Depth 3699
Bottom Packer Depth 3704
Total Depth 3735

Drill Pipe Size 4.5 XH
Wt. Pipe I.D. - 2.7 Ft. Run
Drill Collar — 2.25 Ft. Run

Mud Wt. 9.9 lb / gal. Viscosity 44 Filtrate 11.4

Tool Open @ 7:20 AM Initial Blow WEAK-DIED IN 10 MINUTES

Final Blow

Recovery — Total Feet 5 Flush Tool? NO

Rec. 5 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 115 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 55000 ppm System

(A) Initial Hydrostatic Mud 2160.3 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 25.2 PSI @ (depth) 3708 w/Clock No. 8179

(C) First Final Flow Pressure 25.2 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 47.2 PSI @ (depth 3731 w/Clock No. 26199

(E) Second Initial Flow Pressure 0 PSI AK1 Recorder No. Range

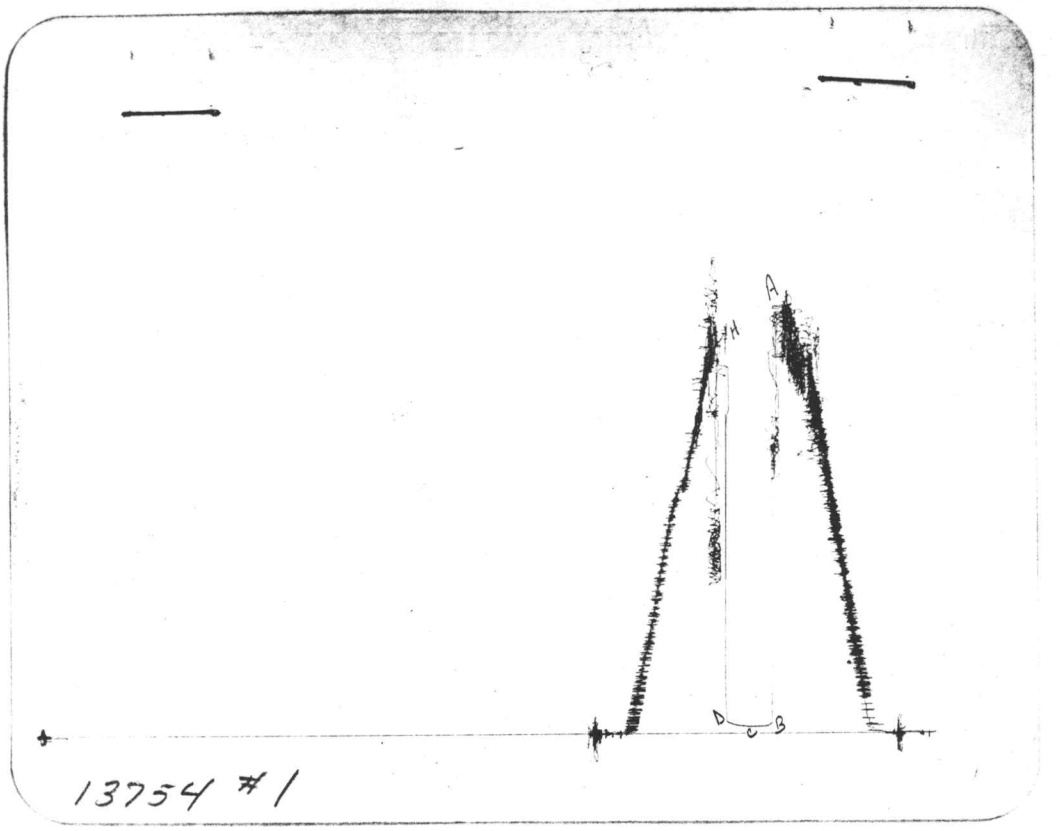
(F) Second Final Flow Pressure 0 PSI @ (depth) w/Clock No.

(G) Final Shut-in Pressure 0 PSI Initial Opening 15 Final Flow 0

(H) Final Hydrostatic Mud 2099.7 PSI Initial Shut-in 15 Final Shut-in 0

Our Representative DAN BANGLE TOTAL PRICE $ 550

Printcraft Printers - Hays, KS



This is an actual photograph of recorder chart

POINT	PRESSURE	
	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2158	2160.3
(B) FIRST INITIAL FLOW PRESSURE	22	25.2
(C) FIRST FINAL FLOW PRESSURE	22	25.2
(D) INITIAL CLOSED-IN PRESSURE	44	47.2
(E) SECOND INITIAL FLOW PRESSURE	0	0
(F) SECOND FINAL FLOW PRESSURE	0	0
(G) FINAL CLOSED-IN PRESSURE	0	0
(H) FINAL HYDROSTATIC MUD	2092	2099.7

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 4689

Well Name & No. Dechant #1 Test No. 1 Date 1-3-92

Company Downing-Nelson Oil Co. Inc. Zone Tested Conq.

Address P.O. Box 372 Hays, Ks 67601 Elevation 2099 K.B.

Co. Rep./Geo. Ron Nelson Cont. Emphasis #6 Est. Ft. of Pay

Location: Sec. 30 Twp. 14 Rge. 18 Co. Ellis State Ks.

No. of Copies Distribution Sheet Yes No Turnkey Yes No Evaluation

Interval Tested 3704 - 3735 Drill Pipe Size 4.5 XH

Anchor Length 31 Top Choke — 1" Bottom Choke — ¾"

Top Packer Depth 3699 Hole Size — 7⅞" Rubber Size — 6¾"

Bottom Packer Depth 3704 Wt. Pipe I.D. — 2.7 Ft. Run

Total Depth 3735 Drill Collar — 2.25 Ft. Run

Mud Wt. 9.9 lb / gal. Viscosity 44 Filtrate 11.4

Tool Open @ 7:20 AM Initial Blow Weak. Died in 10 min.

Final Blow

Recovery — Total Feet 5 Feet of Gas in Pipe Flush Tool?

Rec. 5	Feet Of D.M.	%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 115 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 55,000 ppm System

(A) Initial Hydrostatic Mud	2158 PSI	Ak1 Recorder No. 1375-4		Range	4000
(B) First Initial Flow Pressure	22 PSI	@ (depth)	3708	w/Clock No.	8179
(C) First Final Flow Pressure	22 PSI	AK1 Recorder No.	13849	Range	4325
(D) Initial Shut-In Pressure	44 PSI	@ (depth)	3731	w/Clock No.	26199
(E) Second Initial Flow Pressure	0 PSI	AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	0 PSI	@ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	0 PSI	Initial Opening	15	Test	
(H) Final Hydrostatic Mud	2092 PSI	Initial Shut-In	15	Jars	
		Final Flow	0	Safety Joint	
		Final Shut-In	0	Straddle	
				Circ. Sub	
				Sampler	
				Extra Packer	
				Other	
				TOTAL PRICE $	550.00

Approved By

Our Representative Dan Bangle

Printcraft Printers - Hays, KS

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name DECHANT #1 Test No. 2 Date 1/4/92
Company DOWNING NELSON OIL COMPANY Zone Tested KS CITY
Address P.O. BOX 372 HAYS KANSAS Elevation 2099 K.B.
Co. Rep./Geo. MR RON NELSON Cont. EMPHASIS #6 Est. Ft. of Pay
Location: Sec. 30 Twp. 14S Rge. 18W Co. ELLIS State KS

Interval Tested 3556-3606
Anchor Length 50
Top Packer Depth 3556
Bottom Packer Depth 3606
Total Depth 3800

Drill Pipe Size 4.5 XH
Wt. Pipe I.D. - 2.7 Ft. Run
Drill Collar — 2.25 Ft. Run

Mud Wt. 10 lb / gal. Viscosity 48 Filtrate 11.4

Tool Open @ 2:15 PM Initial Blow WEAK-DIED IN 6 MINUTES

Final Blow

Recovery — Total Feet 5 Flush Tool? NO

Rec. 5 Feet of DRILLING MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 115 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 55000 ppm System

(A) Initial Hydrostatic Mud 2020.2 PSI Ak1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 35.2 PSI @ (depth) 3560 w/Clock No. 8179

(C) First Final Flow Pressure 35.2 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 1163.3 PSI @ (depth 3602 w/Clock No. 26199

(E) Second Initial Flow Pressure 0 PSI AK1 Recorder No. 7437 Range 4200

(F) Second Final Flow Pressure 0 PSI @ (depth) 3796 w/Clock No. 31152

(G) Final Shut-in Pressure 0 PSI Initial Opening 15 Final Flow 0

(H) Final Hydrostatic Mud 1966.2 PSI Initial Shut-in 15 Final Shut-in 0

Our Representative DAN BANGLE TOTAL PRICE $ 950

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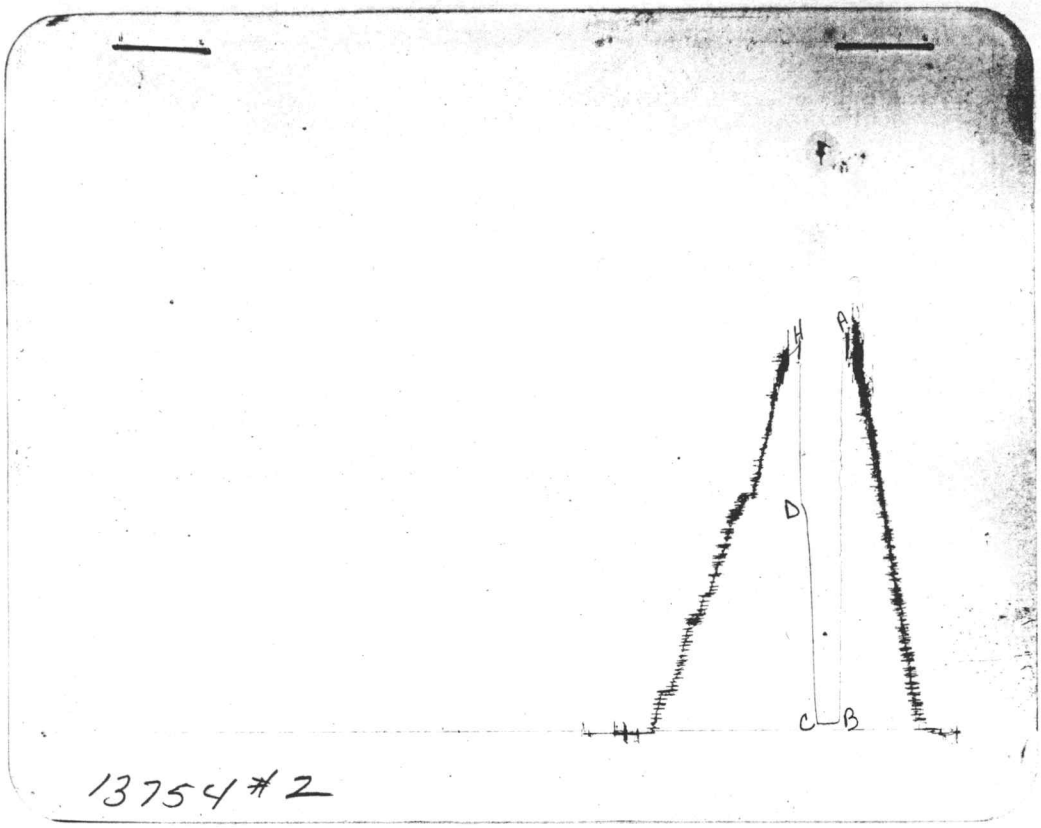
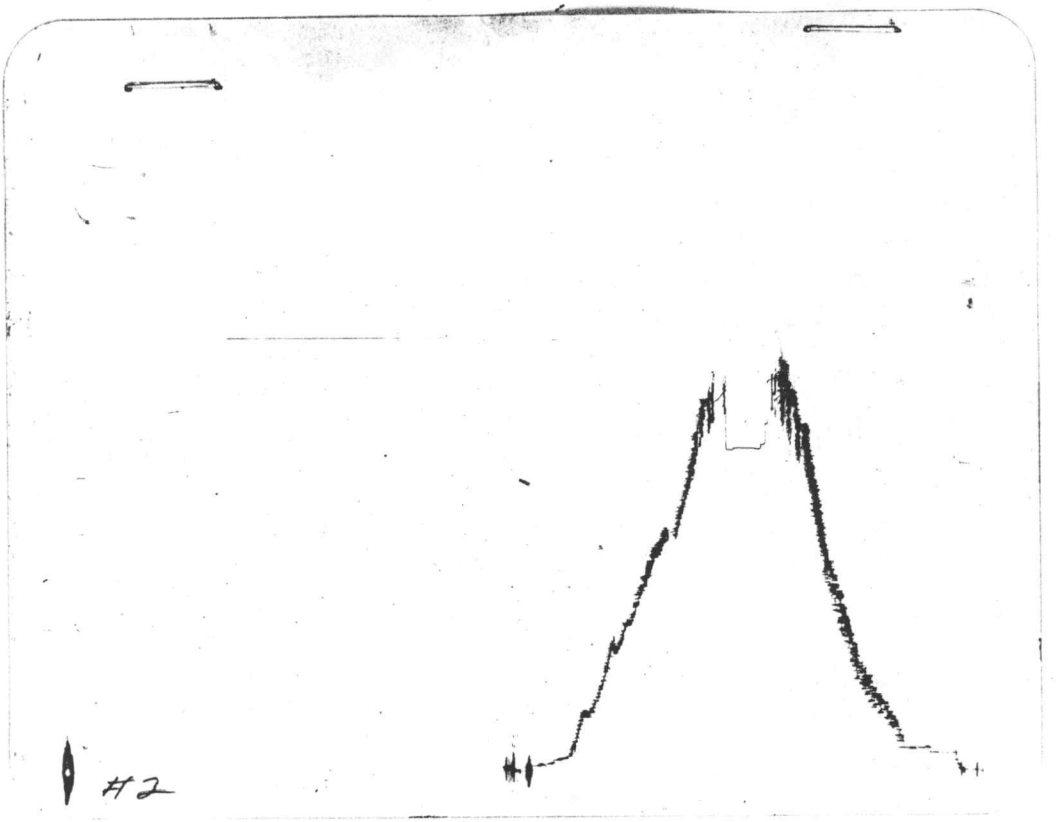


This is an actual photograph of recorder chart

POINT	PRESSURE FIELD READING	PRESSURE OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2015	2020.2
(B) FIRST INITIAL FLOW PRESSURE	33	35.2
(C) FIRST FINAL FLOW PRESSURE	33	35.2
(D) INITIAL CLOSED-IN PRESSURE	1161	1163.3
(E) SECOND INITIAL FLOW PRESSURE	0	0
(F) SECOND FINAL FLOW PRESSURE	0	0
(G) FINAL CLOSED-IN PRESSURE	0	0
(H) FINAL HYDROSTATIC MUD	1960	1966.2



This is an actual photograph of recorder chart

POINT	PRESSURE	FIELD READING	OFFICE READING
(A)	INITIAL HYDROSTATIC MUD		
(B)	FIRST INITIAL FLOW PRESSURE		
(C)	FIRST FINAL FLOW PRESSURE		
(D)	INITIAL CLOSED-IN PRESSURE		
(E)	SECOND INITIAL FLOW PRESSURE		
(F)	SECOND FINAL FLOW PRESSURE		
(G)	FINAL CLOSED-IN PRESSURE		
(H)	FINAL HYDROSTATIC MUD		

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 4690

Well Name & No. Dechant #1 Test No. 2 Date 1-4-92

Company Downing/Nelson Oil Co. Inc. Zone Tested KC

Address _____ Elevation 2091 K.B.

Co. Rep./Geo. Ron Nelson Cont. Emphasis #6 Est. Ft. of Pay _____

Location: Sec. 30 Twp. 14 Rge. 18 Co. Ellis State Ks.

No. of Copies _____ Distribution Sheet _____ Yes _____ No Turnkey _____ Yes _____ No _____ Evaluation

Interval Tested 3556 - 3606 Drill Pipe Size 4.5 XH

Anchor Length 50 Top Choke — 1" _____ Bottom Choke — ¾" _____

Top Packer Depth 3556 Hole Size — 7⅞" _____ Rubber Size — 6¾" _____

Bottom Packer Depth 3606 Wt. Pipe I.D. — 2.7 Ft. Run _____

Total Depth 3800 Drill Collar — 2.25 Ft. Run _____

Mud Wt. 10 lb / gal. Viscosity 48 Filtrate 11.4

Tool Open @ 2:15 P.M. Initial Blow Weak - Died in 6 min.

Final Blow _____

Recovery — Total Feet 5 Feet of Gas in Pipe _____ Flush Tool? _____

Rec. 5	Feet Of D.M.	%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 _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 55,000 ppm System

(A) Initial Hydrostatic Mud	2015 PSI	AK1 Recorder No.	13754	Range	4000
(B) First Initial Flow Pressure	33 PSI	@ (depth)	3560	w/Clock No.	8179
(C) First Final Flow Pressure	33 PSI	AK1 Recorder No.	13849	Range	4370
(D) Initial Shut-In Pressure	1161 PSI	@ (depth)	3602	w/Clock No.	26199
(E) Second Initial Flow Pressure	0 PSI	AK1 Recorder No.	7437	Range	4200
(F) Second Final Flow Pressure	0 PSI	@ (depth)	3796	w/Clock No.	31152
(G) Final Shut-In Pressure	0 PSI	Initial Opening	15	Test	550.00
(H) Final Hydrostatic Mud	1960 PSI	Initial Shut-In	15	Jars	
		Final Flow	0	Safety Joint	
		Final Shut-In	0	Straddle	X 250.00
				Circ. Sub	
				Sampler	
				Extra Packer	X 150.00
				Other	
				TOTAL PRICE $	950.00

Approved By _____

Our Representative Don Ramsey

Printcraft Printers - Hays, KS