

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name PTACEK #1 Test No. 1 Date 8/29/92
Company VONFELDT OIL OPERATIONS Zone ARBUCKLE
Address 524 ST JOHN RUSSELL KS 67665 Elevation 1826
Co. Rep./Geo. DALE SHUMAKER Cont. VONFELDT #1 Est. Ft. of Pay _____
Location: Sec. 16 Twp. 15S Rge. 12W Co. RUSSELL State KS

Interval Tested 3223-3266 Drill Pipe Size 4.5" XH
Anchor Length 43 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3218 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 3223 Mud Wt. 10.1 lb/Gal.
Total Depth 3266 Viscosity 42 Filtrate 12.6

Tool Open @ 9:21 PM Initial Blow STRONG BLOW-BOTTOM OF BUCKET IN 8 MINUTES

Final Blow VERY WEAK SURFACE BLOW BUILDING TO BOTTOM OF BUCKET
IN 11 MINUTES

Recovery - Total Feet 540 Flush Tool? _____

Rec. 50 Feet of CLEAN GASSY OIL-10%GAS/90%OIL
Rec. 490 Feet of GASSY MUD CUT OIL-10%GAS/70%OIL/20%MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 107 °F Gravity 40 °API @ 70 °F Corrected Gravity 39 °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1842.6 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 71.5 PSI @ (depth) 3229 w / Clock No. 27501

(C) First Final Flow Pressure 160.3 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 1022.7 PSI @ (depth) 3265 w / Clock No. 30401

(E) Second Initial Flow Pressure 181.4 PSI AK1 Recorder No. _____ Range _____

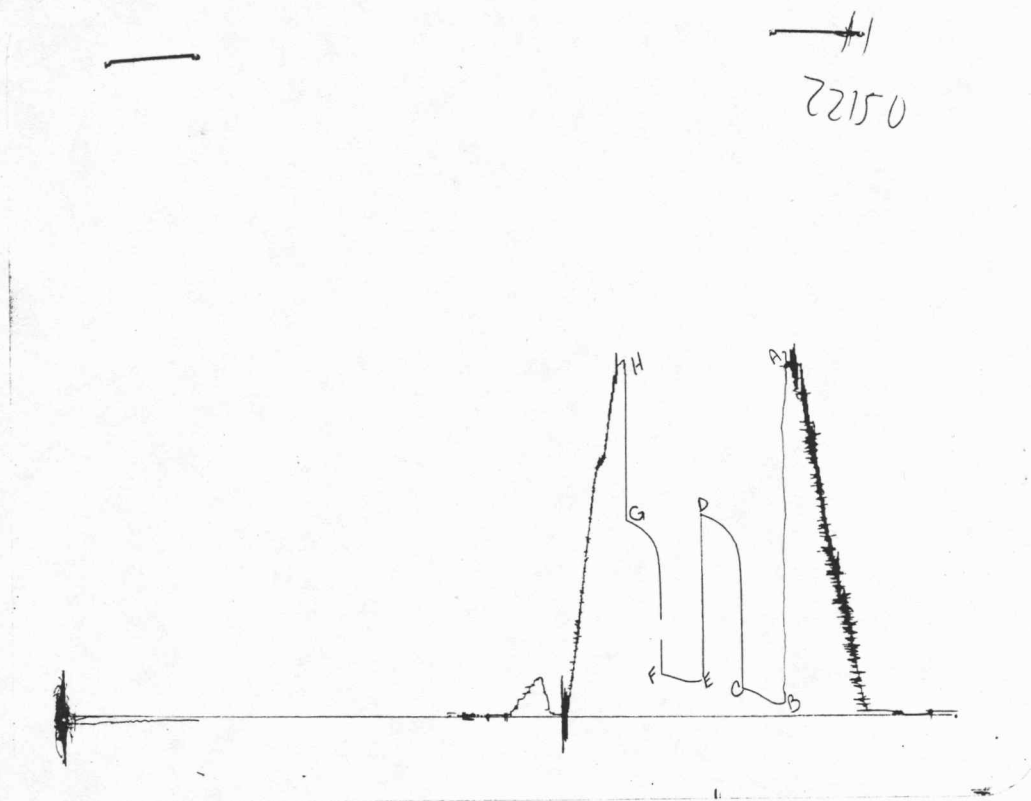
(F) Second Final Flow Pressure 229.8 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1010.4 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1810.5 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative PAUL SIMPSON

CHART PAGE

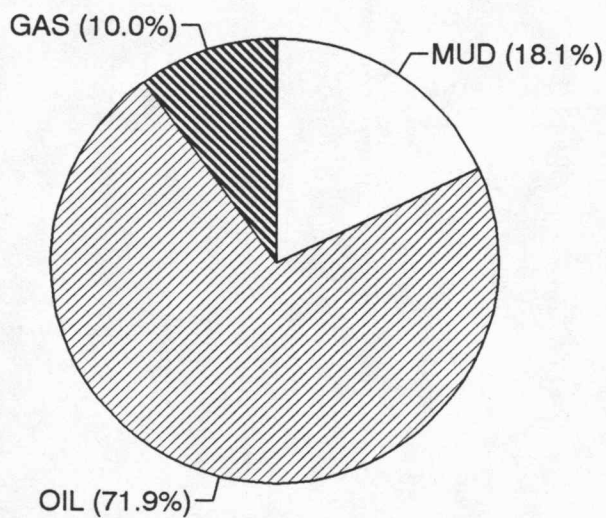


This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1842	1842.6
(B) FIRST INITIAL FLOW PRESSURE	67	71.5
(C) FIRST FINAL FLOW PRESSURE	157	160.3
(D) INITIAL CLOSED-IN PRESSURE	1024	1022.7
(E) SECOND INITIAL FLOW PRESSURE	179	181.4
(F) SECOND FINAL FLOW PRESSURE	225	229.8
(G) FINAL CLOSED-IN PRESSURE	1009	1010.4
(H) FINAL HYDROSTATIC MUD	1806	1810.5

CALCULATED RECOVERY ANALYSIS						DRILL	PIPE		
DST #	1	TICKET				5212			
SAMPLE	TOTAL	GAS	OIL			WATER		MUD	
#	FEET	%	FEET	%	FEET	%	FEET	%	FEET
1	50	10	5	90	45	0	0	0	0
2	490	10	49	70	343	0	0	20	98
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	540	10	54	71.9	388	0	0	18.1	98

			HRS	BBL/DAY
BBL OIL=	5.51736	*	1	132.42
BBL WATER=	0	*		0
BBL MUD=	1.39356			
BBL GAS	0.76788			



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Test Ticket

№ 5212

Well Name & No. <u>Ptacek #1</u>	Test No. <u>1</u>	Date <u>8-29-92</u>
Company <u>Vanfeldt Oil Operating</u>	Zone Tested <u>Arbuckle</u>	
Address <u>524 St John Russell Ks 67665</u>	Elevation <u>1826</u>	
Co. Rep./Geo. <u>Don Shumaker</u>	cont. <u>Vanfeldt #1</u>	Est. Ft. of Pay <u>10</u>
Location: Sec. <u>16</u>	Twp. <u>15s</u>	Rge. <u>12w</u>
Co. <u>Russell</u>	State <u>Ks</u>	
No. of Copies <u>2</u>	Distribution Sheet <u>Yes</u>	Turnkey <u>Yes</u>
		No <u>No</u> Evaluation

Interval Tested <u>3223-3266</u>	Drill Pipe Size <u>4 1/2 XH</u>
Anchor Length <u>43</u>	Top Choke — 1" Bottom Choke — 3/4"
Top Packer Depth <u>3218</u>	Hole Size — 7 7/8" Rubber Size — 6 3/4"
Bottom Packer Depth <u>3223</u>	Wt. Pipe I.D. — 2.7 Ft. Run
Total Depth <u>3266</u>	Drill Collar — 2.25 Ft. Run
Mud Wt. <u>10.1</u> lb/gal.	Viscosity <u>42</u> Filtrate <u>126</u>
Tool Open @ <u>9:21 PM</u>	Initial Blow <u>strong blow - bottom of bucket in 8 minutes</u>

Final Blow 1/2 weak surface blow building to bottom of bucket in 11 minutes

Recovery — Total Feet <u>540</u>	Feet of Gas in Pipe	Flush Tool?
Rec. <u>50</u> Feet Of <u>cl gassy oil</u>	10 %gas 90%oil	%water %mud
Rec. <u>490</u> Feet Of <u>gassy MO</u>	10 %gas 70 %oil	%water 20 %mud
Rec. _____ Feet Of _____	%gas %oil	%water %mud
Rec. _____ Feet Of _____	%gas %oil	%water %mud
Rec. _____ Feet Of _____	%gas %oil	%water %mud

BHT 107 °F Gravity 40 °API @ 70 °F Corrected Gravity 39 °API

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

(A) Initial Hydrostatic Mud <u>1842</u>	PSI Ak1 Recorder No. <u>22150</u>	Range <u>3925</u>
(B) First Initial Flow Pressure <u>67</u>	PSI @ (depth) <u>3229</u>	w/Clock No. <u>3229 2750</u>
(C) First Final Flow Pressure <u>157</u>	PSI AK1 Recorder No. <u>24174</u>	Range <u>3050</u>
(D) Initial Shut-In Pressure <u>1024</u>	PSI @ (depth) <u>3265</u>	w/Clock No. <u>3265 3040</u>
(E) Second Initial Flow Pressure <u>179</u>	PSI AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>225</u>	PSI @ (depth) _____	w/Clock No. _____
(G) Final Shut-In Pressure <u>1009</u>	PSI Initial Opening <u>30</u>	Test <u>X</u>
(H) Final Hydrostatic Mud <u>1806</u>	PSI Initial Shut-In <u>30</u>	Jars _____

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Final Flow <u>30</u>	Safety Joint _____
Final Shut-In <u>30</u>	Straddle _____
	Circ. Sub _____
	Sampler _____
	Extra Packer _____
	Other _____

Approved By Paul Simpson
Our Representative