

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name MCCAULEY #1 Test No. 1 Date 6/7/93
Company HOFFMAN PETROLEUM INC Zone LKC
Address 1600 BROADWAY #1710 DENVER CO 80202 Elevation 2095
Co. Rep./Geo. CLIFF OTTAWAY Cont. VONFELDT RIG #1 Est. Ft. of Pay _____
Location: Sec. 4 Twp. 11S Rge. 19W Co. ELLIS State KS

Interval Tested	<u>3350-3400</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>50</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>3345</u>	Drill Collar - 2.25 Ft. Run	_____
Bottom Packer Depth	<u>3350</u>	Mud Wt.	<u>9.9</u> lb/Gal.
Total Depth	<u>3400</u>	Viscosity	<u>49</u> Filtrate <u>10.8</u>

Tool Open @ _____ Initial Blow HIT BRIDGE 300 FEET OFF BOTTOM CAME BACK OUT TO CLEAN

Final Blow _____

Recovery - Total Feet _____ Flush Tool? NO

Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____

BHT 103 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud _____ PSI AK1 Recorder No. 22105 Range 3925

(B) First Initial Flow Pressure _____ PSI @ (depth) 3353 w / Clock No. 31156

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. 11058 Range 4500

(D) Initial Shut-in Pressure _____ PSI @ (depth) 3397 w / Clock No. 25814

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

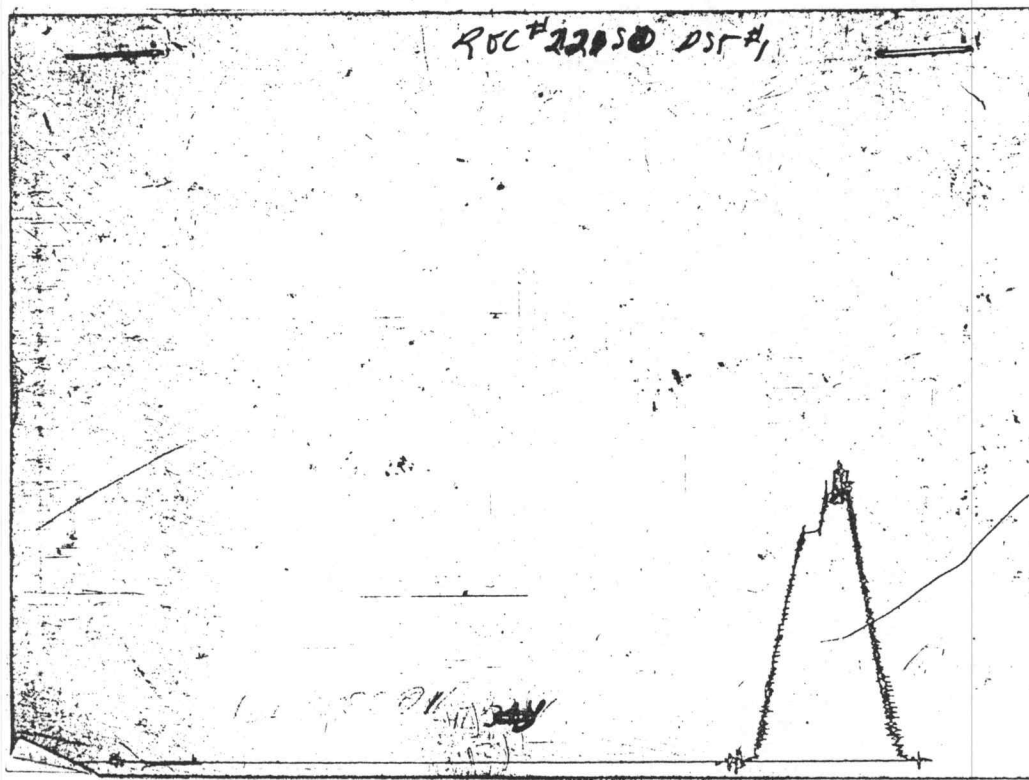
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

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

(H) Final Hydrostatic Mud _____ PSI Initial Shut-in _____ Final Shut-in _____

Our Representative JOHN RIEDL

CHART PAGE



This is an actual photograph of recorder chart

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 L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5749

Well Name & No. <u>MC CAULEY #1</u>	Test No. <u>1</u>	Date <u>6-7-93</u>
Company <u>HOFFMAN POT ING</u>	Zone Tested <u>LKC</u>	
Address <u>1600 BROADWAY ST. DENVER CO. 80202</u>	Elevation <u>2095</u>	
Co. Rep./Geo. <u>CLIFF OTTAWAY</u>	Cont. <u>VONFELDT RIG</u>	Est. Ft. of Pay <u>2095</u>
Location: Sec. <u>4</u>	Twp. <u>11S</u>	Rge. <u>19W</u> Co. <u>ELLIS</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet _____	Yes ☒ Turnkey _____ Yes ☒ Evaluation _____

Interval Tested <u>3350 - 3400</u>	Drill Pipe Size <u>4 1/2 XH</u>
Anchor Length <u>50</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>3345</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>3350</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>0</u>
Total Depth <u>3400</u>	Drill Collar — 2.25 Ft. Run <u>0</u>
Mud Wt. <u>9.9</u> lb / gal.	Viscosity <u>49</u> Filtrate <u>10.8</u>
Tool Open @ _____	Initial Blow <u>HIT BRIDGE 300 FT OFF BTM CAME BACK OUT TO CLEAN HOLE</u>
Final Blow _____	

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
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 _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT 103 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

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

(A) Initial Hydrostatic Mud _____	PSI Ak1 Recorder No. <u>22150</u> Range <u>3925</u>
(B) First Initial Flow Pressure _____	PSI @ (depth) <u>3353</u> w/Clock No. <u>31154</u>
(C) First Final Flow Pressure _____	PSI Ak1 Recorder No. <u>11058</u> Range <u>4500</u>
(D) Initial Shut-In Pressure _____	PSI @ (depth) <u>3392</u> w/Clock No. <u>25814</u>
(E) Second Initial Flow Pressure _____	PSI Ak1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure _____	PSI @ (depth) _____ w/Clock No. _____
(G) Final Shut-In Pressure _____	PSI Initial Opening _____ Test <u>MIS RUN 400</u>
(H) Final Hydrostatic Mud _____	PSI Initial Shut-In _____ Jars _____

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]

Final Flow X Safety Joint _____
 Final Shut-In _____ Straddle _____
 Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Other 400

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name MCCAULEY #1 Test No. 2 Date 6/7/93
Company HOFFMAN PERTROLEUM INC Zone LKC
Address 1600 BROADWAY #1710 DENVER CO 80202 Elevation 2095
Co. Rep./Geo. CLIFF OTTAWAY Cont. VONFELDT RIG #1 Est. Ft. of Pay _____
Location: Sec. 4 Twp. 11S Rge. 19W Co. ELLIS State KS

Interval Tested <u>3350-3400</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>50</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>3345</u>	Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth <u>3350</u>	Mud Wt. <u>9.9</u> lb/Gal.
Total Depth <u>3400</u>	Viscosity <u>49</u> Filtrate <u>10.8</u>

Tool Open @ 2:40 PM Initial Blow WEAK BLOW-DEAD IN 15 MINUTES
Final Blow NO BLOW-FLUSHED TOOL WEAK BLOW THEN DEAD

Recovery - Total Feet 30 Flush Tool? YES

Rec. <u>30</u>	Feet of <u>DRILLING MUD</u>
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____

BHT 103 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 2154.1 PSI AK1 Recorder No. 22105 Range 3925

(B) First Initial Flow Pressure 34.5 PSI @ (depth) 3353 w / Clock No. 31156

(C) First Final Flow Pressure 31.2 PSI AK1 Recorder No. 11058 Range 4500

(D) Initial Shut-in Pressure 961.2 PSI @ (depth) 3397 w / Clock No. 25814

(E) Second Initial Flow Pressure 39.4 PSI AK1 Recorder No. _____ Range _____

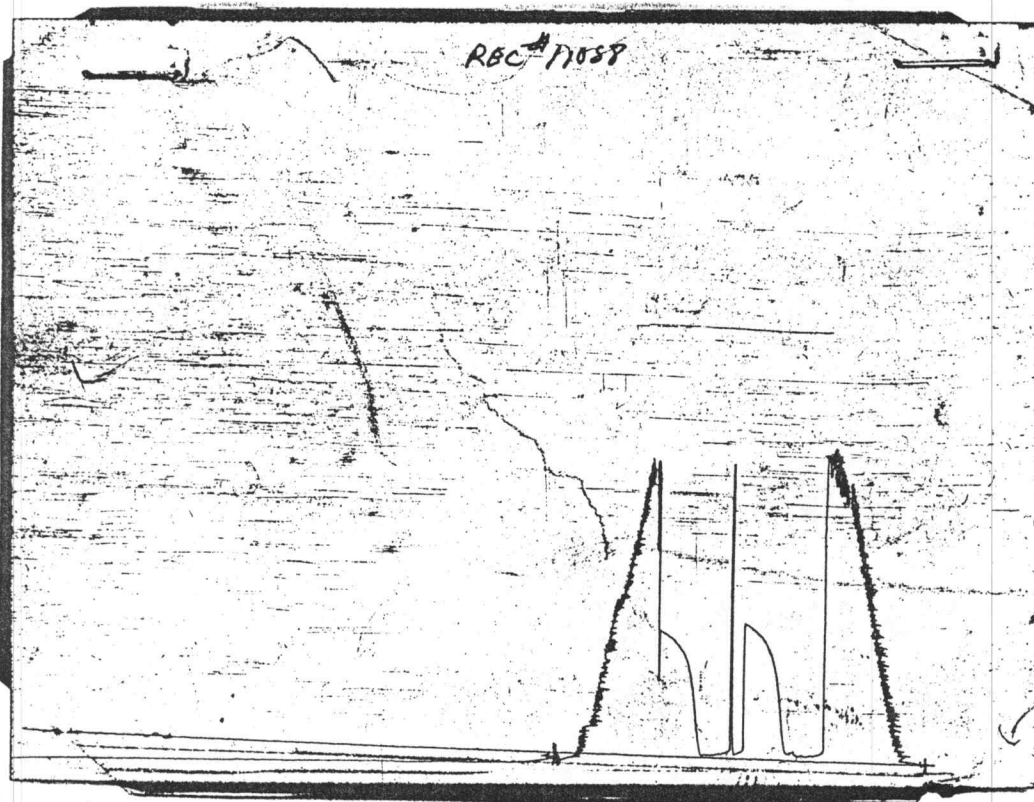
(F) Second Final Flow Pressure 31.4 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 914.2 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2098.4 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative JOHN RIEDL

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2143	2154.1
(B) FIRST INITIAL FLOW PRESSURE	25	34.5
(C) FIRST FINAL FLOW PRESSURE	25	31.2
(D) INITIAL CLOSED-IN PRESSURE	960	961.2
(E) SECOND INITIAL FLOW PRESSURE	30	39.4
(F) SECOND FINAL FLOW PRESSURE	35	31.4
(G) FINAL CLOSED-IN PRESSURE	907	914.2
(H) FINAL HYDROSTATIC MUD	2087	2098.4

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5750

Well Name & No. <u>MC SAULEY #1</u>	Test No. <u>2</u>	Date <u>6-7-93</u>
Company <u>HOFFMAN PET INC</u>	Zone Tested <u>LKC</u>	
Address <u>1600 BROADWAY STE 1710 DANNER CO</u>	Elevation	
Co. Rep./Geo. <u>CLIFF OTTOWAY</u>	Cont. <u>VONFELDT RIG 1</u>	Est. Ft. of Pay
Location: Sec. <u>4</u>	Twp. <u>11S</u>	Rge. <u>19W</u>
Co. <u>ELLIS</u>	State <u>KS</u>	
No. of Copies	Distribution Sheet	Yes ☒ No ☐ Turnkey Yes ☒ No ☐ Evaluation

Interval Tested <u>3350 - 3400</u>	Drill Pipe Size <u>4 1/2 XH</u>
Anchor Length <u>50 FT</u>	Top Choke — 1" Bottom Choke — 3/4"
Top Packer Depth <u>3345</u>	Hole Size — 7 7/8" Rubber Size — 6 3/4"
Bottom Packer Depth <u>3350</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>0</u>
Total Depth <u>3400</u>	Drill Collar — 2.25 Ft. Run <u>0</u>
Mud Wt. <u>9.9</u> lb/gal.	Viscosity <u>49</u> Filtrate <u>10.8</u>
Tool Open @ <u>2:40 P.M.</u> Initial Blow <u>WEAK BLOW DEAD IN 5 MINUTES</u>	

Final Blow NO BLOW - FLUSHED TOOL RECEIVING WEAK BLOW THEN DEAD

Recovery — Total Feet <u>30</u>	Feet of Gas In Pipe	Flush Tool? <u>YES</u>
Rec. <u>30</u> Feet Of <u>DRILLING MUD</u>	%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	
Rec. Feet Of	%gas %oil %water %mud	

BHT <u>103'</u> °F Gravity	°API @	°F Corrected Gravity	°API
RW @ °F Chlorides	ppm Recovery	Chlorides	ppm System

(A) Initial Hydrostatic Mud <u>2143</u>	PSI Ak1 Recorder No. <u>RSC # 2210</u>	Range <u>3925</u>
(B) First Initial Flow Pressure <u>25</u>	PSI @ (depth) <u>3353</u>	w/Clock No. <u>31154</u>
(C) First Final Flow Pressure <u>25</u>	PSI AK1 Recorder No. <u>RSC # 11052</u>	Range <u>4500</u>
(D) Initial Shut-In Pressure <u>960</u>	PSI @ (depth) <u>3397</u>	w/Clock No. <u>25814</u>
(E) Second Initial Flow Pressure <u>30</u>	PSI AK1 Recorder No.	Range
(F) Second Final Flow Pressure <u>35</u>	PSI @ (depth)	w/Clock No.
(G) Final Shut-In Pressure <u>907</u>	PSI Initial Opening <u>30</u>	Test <u>✓</u> <u>550</u>
(H) Final Hydrostatic Mud <u>2087</u>	PSI Initial Shut-In <u>30</u>	Jars

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Approved By _____
Our Representative [Signature]

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

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name MCCAULEY #1 Test No. 3 Date 6/8/93
Company HOFFMAN PERTROLEUM INC Zone LKC E-F
Address 1600 BROADWAY #1710 DENVER CO 80202 Elevation 2095
Co. Rep./Geo. CLIFF OTTAWAY Cont. VONFELDT RIG #1 Est. Ft. of Pay _____
Location: Sec. 4 Twp. 11S Rge. 19W Co. ELLIS State KS

Interval Tested 3395-3430 Drill Pipe Size 4.5" XH
Anchor Length 35 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3390 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 3395 Mud Wt. 9.8 lb/Gal.
Total Depth 3430 Viscosity 45 Filtrate 15

Tool Open @ 2:40 AM Initial Blow WEAK BLOW-STEADY 1/2"
Final Blow WEAK BLOW-STEADY 1/4"

Recovery - Total Feet 50 Flush Tool? NO

Rec. 50 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 105 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1785.4 PSI AK1 Recorder No. 22105 Range 3925

(B) First Initial Flow Pressure 54.1 PSI @ (depth) 3400 w / Clock No. 31156

(C) First Final Flow Pressure 56.2 PSI AK1 Recorder No. 11058 Range 4500

(D) Initial Shut-in Pressure 805.2 PSI @ (depth) 3427 w / Clock No. 25814

(E) Second Initial Flow Pressure 55.6 PSI AK1 Recorder No. _____ Range _____

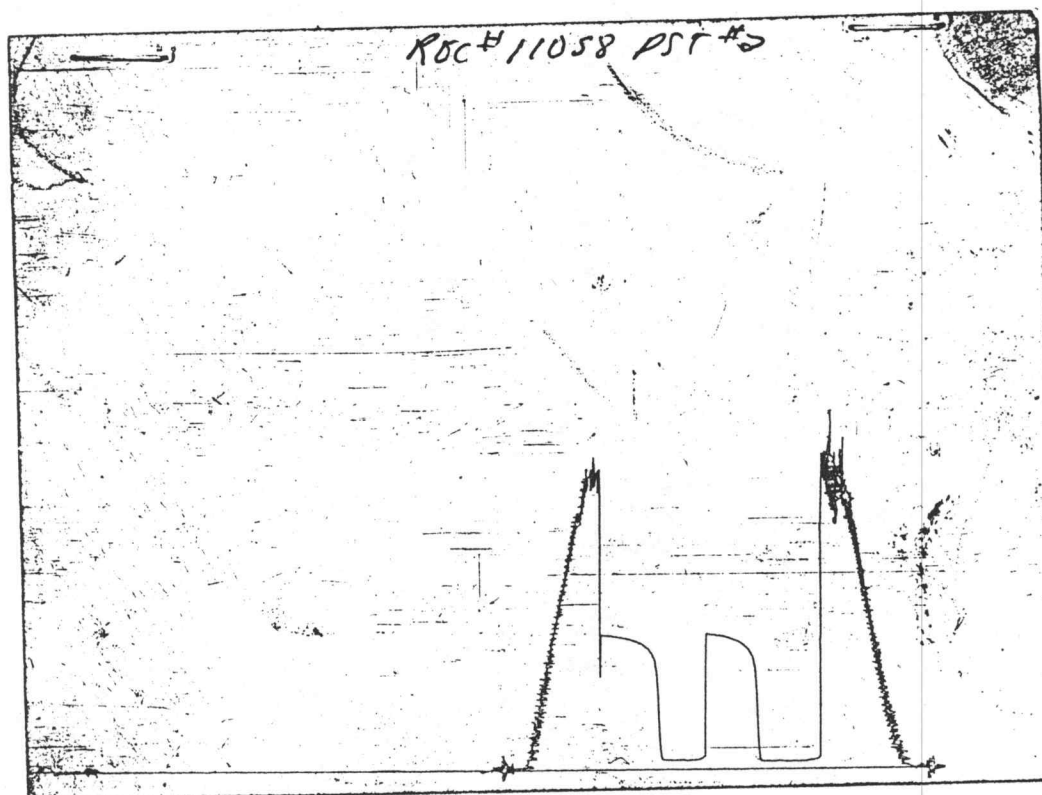
(F) Second Final Flow Pressure 40.2 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 801.2 PSI Initial Opening 45 Final Flow 30

(H) Final Hydrostatic Mud 1765.1 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative JOHN RIEDL

CHART PAGE



This is an actual photograph of recorder chart

FIELD
READING

OFFICE
READING

(A)	INITIAL HYDROSTATIC MUD	1770	1785.4
(B)	FIRST INITIAL FLOW PRESSURE	40	54.1
(C)	FIRST FINAL FLOW PRESSURE	40	56.2
(D)	INITIAL CLOSED-IN PRESSURE	795	805.2
(E)	SECOND INITIAL FLOW PRESSURE	45	55.6
(F)	SECOND FINAL FLOW PRESSURE	45	40.2
(G)	FINAL CLOSED-IN PRESSURE	795	801.2
(H)	FINAL HYDROSTATIC MUD	1750	1765.1

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 6001

Well Name & No. <u>McCAULEY #1</u>	Test No. <u>3</u>	Date <u>6-8-93</u>
Company <u>HOFFMAN PET INC</u>	Zone Tested <u>LKC "E" F"</u>	
Address <u>1600 BROADWAY STE 1710 DENVER CO, 80202</u>	Elevation _____	
Co. Rep./Geo. <u>CLIFF OTTAWAY</u>	Cont. <u>VONFELDT R161</u>	Est. Ft. of Pay _____
Location: Sec. <u>4</u> Twp. <u>11S</u> Rge. <u>19W</u> Co. <u>ELLIS</u> State <u>KS</u>		
No. of Copies _____	Distribution Sheet _____	Yes _____ No ☒ Turnkey _____ Yes _____ No ☒ Evaluation _____

Interval Tested <u>3395-3430</u>	Drill Pipe Size <u>4 1/2 x 14</u>
Anchor Length <u>35 FT</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>3390</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>3395</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>0</u>
Total Depth <u>3430</u>	Drill Collar — 2.25 Ft. Run <u>0</u>
Mud Wt. <u>9.8</u> lb/gal.	Viscosity <u>45</u> Filtrate <u>15</u>
Tool Open @ <u>2:40 A.M.</u>	Initial Blow <u>WEAK BLOW - STEADY 1/2"</u>

Final Blow WEAK BLOW - STEADY 1/2"

Recovery — Total Feet <u>50</u>	Feet of Gas in Pipe _____	Flush Tool? <u>N/O</u>
Rec. <u>50</u> Feet Of <u>DRILLING MUD</u>	%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 _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT 105 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

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

(A) Initial Hydrostatic Mud <u>1770</u> PSI	Ak1 Recorder No. <u>22150</u>	Range <u>3925</u>
(B) First Initial Flow Pressure <u>40</u> PSI	@ (depth) <u>3400</u>	w/Clock No. <u>31154</u>
(C) First Final Flow Pressure <u>40</u> PSI	Ak1 Recorder No. <u>11058</u>	Range <u>4500</u>
(D) Initial Shut-In Pressure <u>795</u> PSI	@ (depth) <u>3427</u>	w/Clock No. <u>25814</u>
(E) Second Initial Flow Pressure <u>45</u> PSI	Ak1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>45</u> PSI	@ (depth) _____	w/Clock No. _____
(G) Final Shut-In Pressure <u>795</u> PSI	Initial Opening <u>45</u>	Test ☒ <u>550</u>
(H) Final Hydrostatic Mud <u>1750</u> PSI	Initial Shut-In <u>45</u>	Jars _____

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Approved By _____

Our Representative John Reed

Final Flow 30 Safety Joint _____

Final Shut-In 45 Straddle _____

Circ. Sub _____

Sampler _____

Extra Packer _____

Other _____

TOTAL PRICE Per m. In cost

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name MCCAULEY #1 Test No. 4 Date 6/8/93
Company HOFFMAN PERTROLEUM INC Zone LKC I-J-K
Address 1600 BROADWAY #1710 DENVER CO 80202 Elevation 2095
Co. Rep./Geo. CLIFF OTTAWAY Cont. VONFELDT RIG #1 Est. Ft. of Pay _____
Location: Sec. 4 Twp. 11S Rge. 19W Co. ELLIS State KS

Interval Tested 3476-3529 Drill Pipe Size 4.5" XH
Anchor Length 53 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3471 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 3476 Mud Wt. 10.2 lb/Gal.
Total Depth 3529 Viscosity 44 Filtrate 11.2

Tool Open @ 5:50 PM Initial Blow WEAK-DIED IN 23 MINUTES

Final Blow NO BLOW

Recovery - Total Feet 25 Flush Tool? NO

Rec. 25 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 106 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 2049.2 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 34.1 PSI @ (depth) 3480 w / Clock No. 27501

(C) First Final Flow Pressure 49.5 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 779.4 PSI @ (depth) 3525 w / Clock No. 27567

(E) Second Initial Flow Pressure 25.1 PSI AK1 Recorder No. _____ Range _____

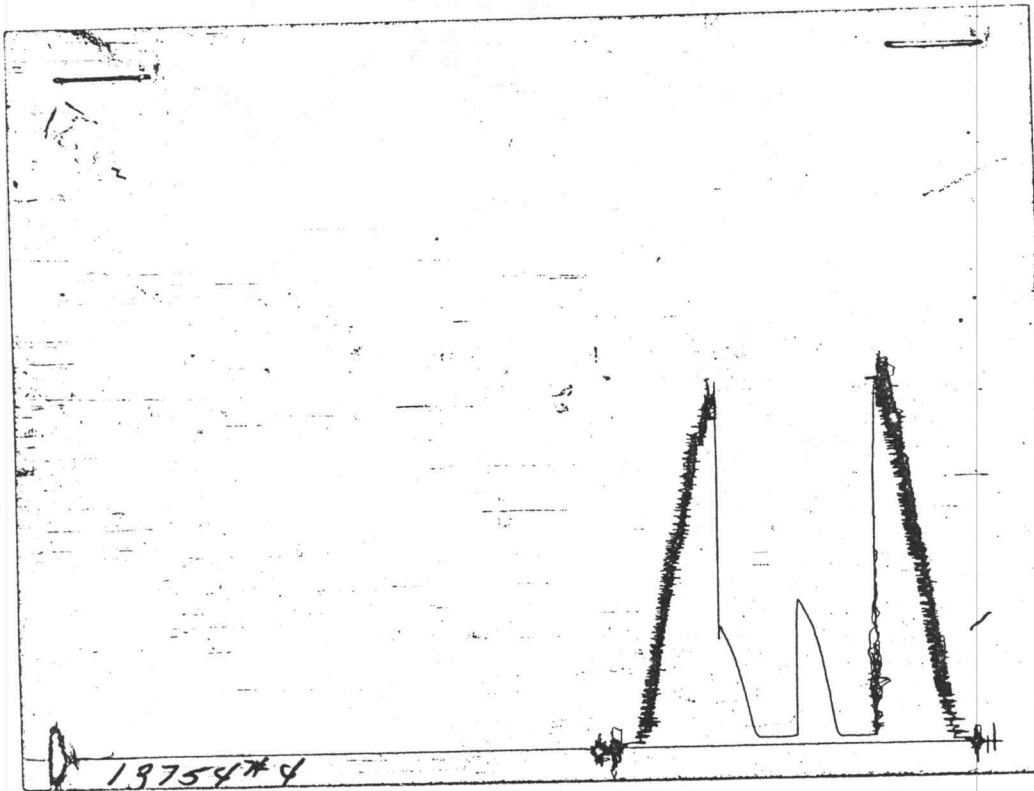
(F) Second Final Flow Pressure 32.5 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 615.2 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1954.2 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2046	2049.2
(B) FIRST INITIAL FLOW PRESSURE	39	34.1
(C) FIRST FINAL FLOW PRESSURE	39	49.5
(D) INITIAL CLOSED-IN PRESSURE	768	779.4
(E) SECOND INITIAL FLOW PRESSURE	39	25.1
(F) SECOND FINAL FLOW PRESSURE	39	32.5
(G) FINAL CLOSED-IN PRESSURE	620	615.2
(H) FINAL HYDROSTATIC MUD	1966	1954.2

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5690

Well Name & No. <u>McCauley #1</u>	Test No. <u>4</u>	Date <u>6-8-93</u>
Company <u>Hoffman Petro. Inc</u>	Zone Tested <u>I-J-K</u>	<u>L.C.C.</u>
Address <u>1600 Broadway, Denver, Co. 80202</u>	Elevation _____	
Co. Rep./Geo. <u>Cliff OT</u>	Cont. <u>Vonfeldt #1</u>	Est. Ft. of Pay _____
Location: Sec. <u>4</u>	Twp. <u>11</u>	Rge. <u>19</u>
Co. <u>Ellis</u>	State <u>Ks.</u>	
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>3476-3529</u>	Drill Pipe Size <u>4.5 X 14</u>
Anchor Length <u>53</u>	Top Choke — 1" _____ Bottom Choke — 1/4" _____
Top Packer Depth <u>3471</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>3476</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>3529</u>	Drill Collar — 2.25 Ft. Run _____
Mud Wt. <u>10.2</u> lb/gal.	Viscosity <u>44</u> Filtrate <u>11.2</u>
Tool Open @ <u>5:50 p.m.</u> Initial Blow <u>weak - Died in 23 min.</u>	

Final Blow No blow

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
Rec. <u>25</u> Feet Of <u>D.M.</u>	%gas _____ %oil _____	%water <u>100</u> %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 106 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud <u>2046</u>	PSI Ak1 Recorder No. <u>13754</u>	Range <u>4000</u>
(B) First Initial Flow Pressure <u>39</u>	PSI @ (depth) <u>3480</u>	w/Clock No. <u>27501</u>
(C) First Final Flow Pressure <u>39</u>	PSI AK1 Recorder No. <u>7437</u>	Range <u>4200</u>
(D) Initial Shut-In Pressure <u>768</u>	PSI @ (depth) <u>3525</u>	w/Clock No. <u>27567</u>
(E) Second Initial Flow Pressure <u>39</u>	PSI AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>39</u>	PSI @ (depth) _____	w/Clock No. _____
(G) Final Shut-In Pressure <u>620</u>	PSI Initial Opening <u>30</u>	Test _____
(H) Final Hydrostatic Mud <u>1966</u>	PSI Initial Shut-In <u>30</u>	Jars _____

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

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Approved By _____

Our Representative Don Bangle