



**WESTERN TESTING CO., INC.**  
P.O. BOX 1599 — WICHITA, KANSAS 67201

WELL REPORT NO.  
UNIT NO. **5907**  
DISTRICT

DATE **8/22/80**

Petroleum Enterprises  
0201 College  
Winfield, Kansas 67156

FOR CUSTOMER'S USE ONLY	
REGISTER NO.	VOUCHER NO.
TERMS APPROVED	PRICE APPROVED
CALCULATIONS CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTION	
AUDITED	FINAL APPROVAL

YOUR ORDER NO.	OWNER	CONTRACTOR			
WELL NO.	FARM	SECTION	TWP.	RANGE	
#1	Virginia Lafleiche	Cowley County, Ks.	12	30S	7

One drill stem test from 2015' to 2030' (Test 1) \$ 550.00  
 Mileage: Thirty-nine miles @ .75¢ per mile 29.25

**POSTED**

\$ 579.25

DISCOUNT 5.79	1% DISCOUNT ALLOWED ON THIS INVOICE IF PAID BY THE 20 <sup>TH</sup> OF THE FOLLOWING MONTH.	PLEASE INCLUDE OUR INVOICE NUMBER WITH YOUR REMITTANCE.	INVOICE NUMBER 5907
------------------	---	---	------------------------

SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 5907

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 838-0601

Elevation Formation Kansas City Eff. Pay Ft.

COMPANY NAME Petr Enterprises
ADDRESS 0201 College Winfield, Ks.
LEASE AND WELL NO. Lafleiche #1 COUNTY Cowley STATE KS Sec. 12 Twp 30 Rge 7E
Mail Invoice To PETROLEUM ENTERPRISES 0201 College, Winfield, KS
Mail Charts To #1 Virginia Lafleiche

Formation Test No. 1 Interval Tested from 2015 ft. to 2030 ft. Total Depth 2030 ft.
Packer Depth 2015 ft. Size 6 3/4 in.
Packer Depth 2010 ft. Size 6 3/4 in.

Top Recorder Depth (Inside) 2017 ft. Recorder Number 2605 Cap. 4150
Bottom Recorder Depth (Outside) 2020 ft. Recorder Number 10980 Cap. 4200
Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor FLINT HILLS #1 Rig.
Mud Type CHEMICAL Viscosity 48
Weight 9.5 Water Loss 15.8 cc.
Chlorides 1600 P.P.M.
Jars: Make NO Serial Number
Did Well Flow? NO Reversed Out NO
Drill Collar Length 282 I. D. 2.25 in.
Weight Pipe Length 1713 I. D. in.
Drill Pipe Length 1713 I. D. in.
Test Tool Length 21 ft. Tool Size 5 1/2 in.
Anchor Length 15 ft. Size 5 1/2 in.
Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7/8 in. Tool Joint Size 4 1/2 hole in.

Blow: Weak Died in 28 mins Initial Flow. No Blow Final Flow
Flushed Tool No Hold.

Recovered 5 ft. of Mud with few oil speck
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

ON Loc. 9:00 PM 055 5:15 AM
Time Set Packer(s) 12:00 A.M. Time Started Off Bottom 1:15 A.M. Maximum Temperature 93
Initial Hydrostatic Pressure (A) 995 P.S.I.
Initial Flow Period Minutes 30 (B) 42 P.S.I. to (C) 63 P.S.I.
Initial Closed In Period Minutes 30 (D) 549 P.S.I.
Final Flow Period Minutes 15 (E) 63 P.S.I. to (F) 2' P.S.I.
Final Closed In Period Minutes (G) P.S.I.
Final Hydrostatic Pressure (H) 985 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to 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, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made. All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative James Ricketts Thank you

FIELD INVOICE

Open Hole Test \$ 550.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage MS#39 \$ 29.25
Fluid Sampler \$
Extra Charts \$
TOTAL \$ 579.25

WESTERN TESTING CO., INC.

Pressure Data

Date 8-22 Recorder No. 2605 Capacity 4150 Test Ticket No. 5907 Location 2017 Ft. 93 °F  
 Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_

Point	Pressure	P.S.I.	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>992</u>	P.S.I.		<u>12:00 AM</u>	
B First Initial Flow Pressure	<u>50*</u>	P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>35</u> Mins.
C First Final Flow Pressure	<u>63*</u>	P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>533</u>	P.S.I.	Second Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>56*</u>	P.S.I.	Final Closed-in Pressure	_____ Mins.	_____ Mins.
F Second Final Flow Pressure	<u>18</u>	P.S.I.			
G Final Closed-in Pressure	_____	P.S.I.			
H Final Hydrostatic Mud	<u>987</u>	P.S.I.			

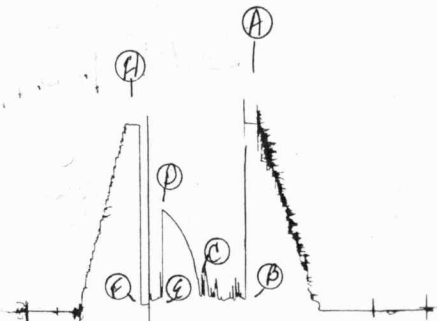
\* Pressures questionable due to plugging Action

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>0</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>50*</u>	0	<u>63*</u>	0	<u>56*</u>	0	
P 2 5	<u>59*</u>	3	<u>180</u>	5	<u>45</u>	3	
P 3 10	<u>53*</u>	6	<u>264</u>	10	<u>Flushed tool</u>	6	
P 4 15	<u>42*</u>	9	<u>324</u>	15	<u>18</u>	9	
P 5 20	<u>46*</u>	12	<u>374</u>	20		12	
P 6 25	<u>57*</u>	15	<u>409</u>	25		15	
P 7 30	<u>65*</u>	18	<u>448</u>	30		18	
P 8 35	<u>63*</u>	21	<u>471</u>	35		21	
P 9 40		24	<u>496</u>	40		24	
P10 45		27	<u>517</u>	45		27	
P11 50		30	<u>533</u>	50		30	
P12 55		33		55		33	
P13 60		36		60		36	
P14		39		65		39	
P15		42		70		42	
P16		45		75		45	
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

JK# 5907

I



Company Petroleum Enterprises Lease & Well No. Virginia Lafleiche #1  
 Elevation ----- Formation Kansas City Effective Pay -- Ft. Ticket No. 5907  
 Date 8/22/80 Sec. 12 Twp. 30S Range 7E County Cowley State Kansas  
 Test Approved by Frank W. Morgan Western Representative James Ricketts

Formation Test No. 1 Interval Tested from 2015 ft. to 2030 ft. Total Depth 2030 ft.  
 Packer Depth 2015 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 2010 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2017 ft. Recorder Number 2605 Cap. 4150  
 Bottom Recorder Depth (Outside) 2020 ft. Recorder Number 10980 Cap. 4200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Flint Hills Drlg. Rig #1 Drill Collar Length 282 I. D. 2.25 in.  
 Mud Type chemical Viscosity 48 Weight Pipe Length - I. D. - in.  
 Weight 9.5 Water Loss 15.8 cc. Drill Pipe Length 1713 I. D. - in.  
 Chlorides 1,600 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.  
 Jars: Make No Serial Number - Anchor Length 15 ft. Size 5 1/2 in.  
 Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak, died in twenty-eight minutes on initial flow. No blow final flow. Flushed tool  
No help.

Recovered 5 ft. of mud with few oil specks  
 Recovered     ft. of      
 Recovered     ft. of      
 Recovered     ft. of      
 Recovered     ft. of    

Remarks:    

Time Set Packer(s) 12:00 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 1:15 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 93°  
 Initial Hydrostatic Pressure ..... (A) 992 P.S.I.  
 Initial Flow Period ..... Minutes 35 (B) 50 \* P.S.I. to (C) 63 \* P.S.I.  
 Initial Closed In Period ..... Minutes 30 (D) 533 P.S.I.  
 Final Flow Period ..... Minutes 15 (E) 56 \* P.S.I. to (F) 18 P.S.I.  
 Final Closed In Period ..... Minutes -- (G) -- P.S.I.  
 Final Hydrostatic Pressure ..... (H) 987 P.S.I.

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 8-22-80 Test Ticket No. 5907  
 Recorder No. 2605 Capacity 4150 Location 2017 Ft.  
 Clock No. ----- Elevation ----- Well Temperature 93 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	992 P.S.I.	Open Tool	12:00 AM	
B First Initial Flow Pressure	50 * P.S.I.	First Flow Pressure	30 Mins.	35 Mins.
C First Final Flow Pressure	63 * P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	533 P.S.I.	Second Flow Pressure	15 Mins.	15 Mins.
E Second Initial Flow Pressure	56 * P.S.I.	Final Closed-in Pressure	-- Mins.	-- Mins.
F Second Final Flow Pressure	18 P.S.I.			
G Final Closed-in Pressure	--- P.S.I.			
H Final Hydrostatic Mud	987 P.S.I.			

\* Pressures questionable due to plugging action.

**PRESSURE BREAKDOWN**

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>--</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>50 *</u>	<u>0</u>	<u>63 *</u>	<u>0</u>	<u>56 *</u>		
P 2 <u>5</u>	<u>59 *</u>	<u>3</u>	<u>180</u>	<u>5</u>	<u>45</u>		
P 3 <u>10</u>	<u>53 *</u>	<u>6</u>	<u>264</u>	<u>10</u>	<u>Flushed tool</u>		
P 4 <u>15</u>	<u>42 *</u>	<u>9</u>	<u>324</u>	<u>15</u>	<u>18</u>		
P 5 <u>20</u>	<u>46 *</u>	<u>12</u>	<u>374</u>				
P 6 <u>25</u>	<u>57 *</u>	<u>15</u>	<u>409</u>				
P 7 <u>30</u>	<u>65 *</u>	<u>18</u>	<u>448</u>				
P 8 <u>35</u>	<u>63 *</u>	<u>21</u>	<u>471</u>				
P 9		<u>24</u>	<u>496</u>				
P10		<u>27</u>	<u>517</u>				
P11		<u>30</u>	<u>533</u>				
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



**WESTERN TESTING CO., INC.**  
P.O. BOX 1599 — WICHITA, KANSAS 67201

WELL REPORT NO. **5908**  
UNIT NO.  
DISTRICT

DATE **8/23/80**

Petroleum Enterprises  
0201 College  
Winfield, Kansas 67156

FOR CUSTOMER'S USE ONLY	
REGISTER NO.	VOUCHER NO.
TERMS APPROVED	PRICE APPROVED
CALCULATIONS CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTION	
AUDITED	FINAL APPROVAL

YOUR ORDER NO.	OWNER	CONTRACTOR			
WELL NO.	FARM	SECTION	TWP.	RANGE	
#1	Virginia LaFleiche	Cowley County, Ks.	12	30S	7W

One drill stem test from 2247' to 2268' (Test 2) \$ 550.00  
 Mileage: Thirty nine miles @ .75¢ per mile 29.25  
 \$ 579.25

**POSTED**

DISCOUNT 5.79	1% DISCOUNT ALLOWED ON THIS INVOICE IF PAID BY THE 20 <sup>TH</sup> OF THE FOLLOWING MONTH.	PLEASE INCLUDE OUR INVOICE NUMBER WITH YOUR REMITTANCE.	INVOICE NUMBER 5908
------------------	---	---	------------------------

SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201



WESTERN TESTING CO., INC.  
FORMATION TESTING

TICKET No 5908

P. O. BOX 1599 PHONE (316) 838-0601  
WICHITA, KANSAS 67201

Elevation \_\_\_\_\_ Formation Wayside Sand Eff. Pay \_\_\_\_\_ Ft.

District August Date 8-23-80 Customer Order No. \_\_\_\_\_

COMPANY NAME Petrokym Enterprises

ADDRESS 0201 College Winsfield, Ks.

LEASE AND WELL NO. LaFleiche #1 COUNTY Cowley STATE Ks Sec. 12 Twp. 30 Rge 7

Mail Invoice To SAME Co. Name \_\_\_\_\_ Address \_\_\_\_\_ No. Copies Requested \_\_\_\_\_

Mail Charts To SAME Co. Name \_\_\_\_\_ Address \_\_\_\_\_ No. Copies Requested \_\_\_\_\_

Formation Test No. 2 Interval Tested from 2247 ft. to 2268 ft. Total Depth 2268 ft.

Packer Depth 2247 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Packer Depth 2242 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 2249 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 2252 ft. Recorder Number 10980 Cap. 4200

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Flint Hill Rig #1 Drill Collar Length 282 I. D. 2.125 in.

Mud Type Chemical Viscosity 44 Weight Pipe Length 1945 I. D. \_\_\_\_\_ in.

Weight 9.7 Water Loss 1518 cc. Drill Pipe Length 1945 I. D. \_\_\_\_\_ in.

Chlorides 1600 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make NO Serial Number \_\_\_\_\_ Anchor Length 21 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out \_\_\_\_\_ Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X Hole in.

Blow: WEAK Building To Fair 5" in Water. Initial Flow Period

FAIR To WEAK on final flow period

Recovered 120 ft. of Mud with few spect of oil

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

On Loc. 11:15 PM OSF

Time Set Packer(s) 7:17 A.M. P.M. Time Started Off Bottom 9:17 A.M. P.M. Maximum Temperature 103

Initial Hydrostatic Pressure \_\_\_\_\_ (A) 1161 P.S.I.

Initial Flow Period \_\_\_\_\_ Minutes 30 (B) 42 P.S.I. to (C) 42 P.S.I.

Initial Closed In Period \_\_\_\_\_ Minutes 30 (D) 642 P.S.I.

Final Flow Period \_\_\_\_\_ Minutes 30 (E) 63 P.S.I. to (F) 73 P.S.I.

Final Closed In Period \_\_\_\_\_ Minutes 30 (G) 601 P.S.I.

Final Hydrostatic Pressure \_\_\_\_\_ (H) 1151 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to 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, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By J W. Morgan  
Signature of Customer or his authorized representative

Western Representative James Ricketh Thank You.

FIELD INVOICE

Open Hole Test	\$ <u>550.00</u>
Misrun	\$ _____
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Standby	\$ _____
Evaluation	\$ _____
Extra Packer	\$ _____
Circ. Sub.	\$ _____
Mileage <u>39</u>	\$ <u>29.25</u>
Fluid Sampler	\$ _____
Extra Charts	\$ _____
TOTAL	\$ <u>579.25</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 8-23-80

Test Ticket No. 5908

Recorder No. 2605

Capacity 4150

Location 2249 Ft.

Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_

Well Temperature 103 °F

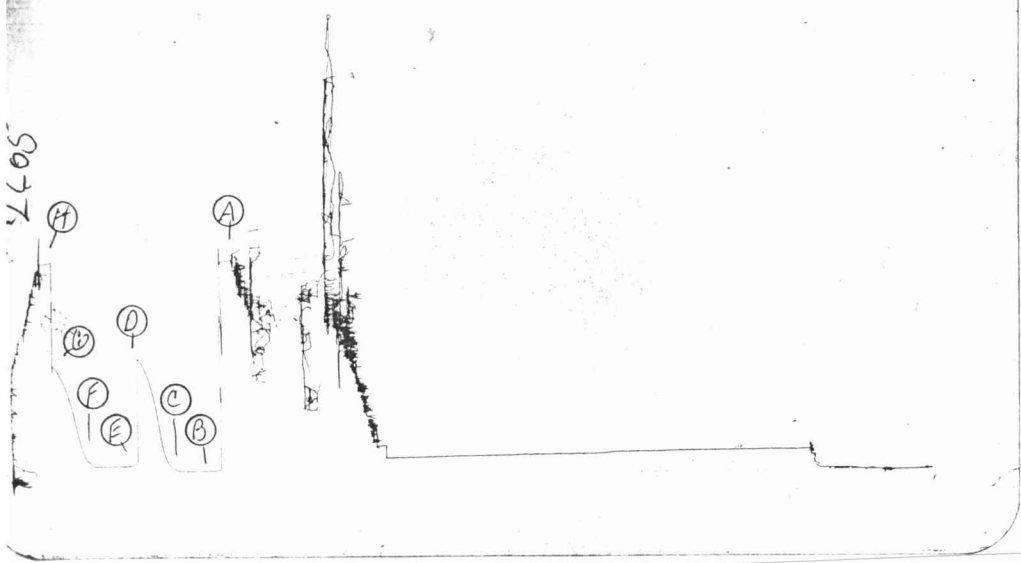
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1157</u>	P.S.I.	<u>9:17 A.</u>	<u>M</u>
B First Initial Flow Pressure	<u>44</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>39</u>	P.S.I.	<u>30</u>	Mins. <u>33</u> Mins.
D Initial Closed-in Pressure	<u>645</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
E Second Initial Flow Pressure	<u>84</u>	P.S.I.	<u>30</u>	Mins. <u>33</u> Mins.
F Second Final Flow Pressure	<u>71</u>	P.S.I.		
G Final Closed-in Pressure	<u>614</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1151</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>11</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>44</u>	0	<u>39</u>	0	<u>84</u>	0	<u>71</u>
P 2	<u>39</u>	3	<u>53</u>	5	<u>74</u>	3	<u>90</u>
P 3		6	<u>68</u>	10	<u>71</u>	6	<u>110</u>
P 4		9	<u>93</u>	15		9	<u>152</u>
P 5		12	<u>152</u>	20		12	<u>224</u>
P 6		15	<u>250</u>	25		15	<u>290</u>
P 7	<u>39</u>	18	<u>358</u>	30	<u>71</u>	18	<u>371</u>
P 8		21	<u>443</u>	35		21	<u>434</u>
P 9		24	<u>574</u>	40		24	<u>494</u>
P10		27	<u>590</u>	45		27	<u>539</u>
P11		30	<u>615</u>	50		30	<u>581</u>
P12		33	<u>645</u>	55		33	<u>614</u>
P13		36		60		36	
P14		39		65		39	
P15		42		70		42	
P16		45		75		45	
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

Tot #5908  
I

5075



Company Petroleum Enterprises Lease & Well No. Virginia LaFleiche #1  
 Elevation ----- Formation Wayside Sand Effective Pay ----- Ft. Ticket No. 5908  
 Date 8/23/80 Sec. 12 Twp. 30S Range 7W County Cowley State Kansas  
 Test Approved by F. W. Morgan Western Representative James Ricketts

Formation Test No. 2 Interval Tested from 2247 ft. to 2268 ft. Total Depth 2268 ft.  
 Packer Depth 2247 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.  
 Packer Depth 2242 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2249 ft. Recorder Number 2605 Cap. 4150  
 Bottom Recorder Depth (Outside) 2252 ft. Recorder Number 10980 Cap. 4200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Flint Hill Drlg. Rig #1 Drill Collar Length 282 I. D. 2.25 in.  
 Mud Type chemical Viscosity 44 Weight Pipe Length - I. D. - in.  
 Weight 9.7 Water Loss 15.8 cc. Drill Pipe Length 1945 I. D. - in.  
 Chlorides 1,600 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.  
 Jars: Make No Serial Number - Anchor Length 21 ft. Size 5 1/2 in.  
 Did Well Flow? NO Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak blow building to fair five inches water on initial flow period. Fair to weak blow on final flow period.

Recovered 120 ft. of mud with few specks of oil  
 Recovered ----- ft. of -----  
 Recovered ----- ft. of -----  
 Recovered ----- ft. of -----  
 Recovered ----- ft. of -----

Remarks: -----

Time Set Packer(s) 7:17 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 9:12 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 103°  
 Initial Hydrostatic Pressure ..... (A) 1157 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 44 P.S.I. to (C) 39 P.S.I.  
 Initial Closed In Period ..... Minutes 33 (D) 645 P.S.I.  
 Final Flow Period ..... Minutes 30 (E) 84 P.S.I. to (F) 71 P.S.I.  
 Final Closed In Period ..... Minutes 33 (G) 614 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1151 P.S.I.

**WESTERN TESTING CO., INC.**

**Pressure Data**

Date 8-23-80 Test Ticket No. 5908  
 Recorder No. 2605 Capacity 4150 Location 2249 Ft.  
 Clock No. ----- Elevation ----- Well Temperature 103 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1157</u>	P.S.I.	<u>7:17</u> A. M	
B First Initial Flow Pressure	<u>44</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>39</u>	P.S.I.	<u>30</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>645</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>84</u>	P.S.I.	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>71</u>	P.S.I.		
G Final Closed-in Pressure	<u>614</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1151</u>	P.S.I.		

**PRESSURE BREAKDOWN**

**First Flow Pressure**  
 Breakdown: 6 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

**Initial Shut-In**  
 Breakdown: 11 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

**Second Flow Pressure**  
 Breakdown: 6 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

**Final Shut-In**  
 Breakdown: 11 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>44</u>	<u>0</u>	<u>39</u>	<u>0</u>	<u>84</u>	<u>0</u>	<u>71</u>
P 2 <u>5</u>	<u>39</u>	<u>3</u>	<u>53</u>	<u>5</u>	<u>74</u>	<u>3</u>	<u>90</u>
P 3 <u>10</u>	<u>39</u>	<u>6</u>	<u>68</u>	<u>10</u>	<u>71</u>	<u>6</u>	<u>110</u>
P 4 <u>15</u>	<u>39</u>	<u>9</u>	<u>93</u>	<u>15</u>	<u>71</u>	<u>9</u>	<u>152</u>
P 5 <u>20</u>	<u>39</u>	<u>12</u>	<u>152</u>	<u>20</u>	<u>71</u>	<u>12</u>	<u>224</u>
P 6 <u>25</u>	<u>39</u>	<u>15</u>	<u>250</u>	<u>25</u>	<u>71</u>	<u>15</u>	<u>290</u>
P 7 <u>30</u>	<u>39</u>	<u>18</u>	<u>358</u>	<u>30</u>	<u>71</u>	<u>18</u>	<u>371</u>
P 8 _____	_____	<u>21</u>	<u>443</u>	<u>35</u>	_____	<u>21</u>	<u>434</u>
P 9 _____	_____	<u>24</u>	<u>514</u>	<u>40</u>	_____	<u>24</u>	<u>494</u>
P10 _____	_____	<u>27</u>	<u>570</u>	<u>45</u>	_____	<u>27</u>	<u>539</u>
P11 _____	_____	<u>30</u>	<u>615</u>	<u>50</u>	_____	<u>30</u>	<u>581</u>
P12 _____	_____	<u>33</u>	<u>645</u>	<u>60</u>	_____	<u>33</u>	<u>614</u>
P13 _____	_____	_____	_____	_____	_____	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____