



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

WESTERN TESTING CO., INC. FORMATION TESTING

TICKET N° 4902

Elevation 1390 Kb Formation Burgess Eff. Pay Ft.

District Burgess Date March 25 1980 Customer Order No.

COMPANY NAME Palomina Petroleum

ADDRESS 500 Insurance Bldg Wichita 67202

LEASE AND WELL NO. Ullman COUNTY Harvey STATE Ks Sec. 36 Twp 24 Rge 2 E

Mail Invoice To Same #1 Henry Ullman No. Copies Requested

Co. Name Address

Mail Charts To Same No. Copies Requested

Formation Test No. 1 Interval Tested from 2797 ft. to 2847 ft. Total Depth 2847 ft.

Packer Depth 2797 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 2792 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 2802 ft. Recorder Number 3354 Cap. 4200

Bottom Recorder Depth (Outside) 2807 ft. Recorder Number 2606 Cap. 4150

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor DNB #3 Drill Collar Length I. D. in.

Mud Type Chem Viscosity 42 Weight Pipe Length 570' I. D. in.

Weight 9.3 Water Loss 28 cc. Drill Pipe Length 2207 I. D. in.

Chlorides 1300 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make NO Serial Number Anchor Length 59 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 4 in.

Blow: 2 air flow building to good blow through first flow period

good blow throughout second flow

Recovered 550' ft. of heavy oil & Gas cut mud

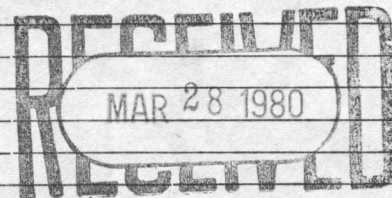
Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:



Time Set Packer(s) 10.15 A.M. Time Started Off Bottom 12.15 A.M. Maximum Temperature 110

Initial Hydrostatic Pressure (A) 1371 P.S.I.

Initial Flow Period Minutes 30 (B) 52 P.S.I. to (C) 137 P.S.I.

Initial Closed In Period Minutes 30 (D) 654 P.S.I.

Final Flow Period Minutes 30 (E) 179 P.S.I. to (F) 221 P.S.I.

Final Closed In Period Minutes 30 (G) 632 P.S.I.

Final Hydrostatic Pressure (H) 1371 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 Bob Watchorn
Signature of Customer or his authorized representative

Western Representative Kenny K. Kendall

FIELD INVOICE

Open Hole Test \$ 500.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$

TOTAL \$ 500.00

WESTERN TESTING CO., INC.

Pressure Data

Date 3-25-80 Test Ticket No. 4902
 Recorder No. 3354 Capacity 4200 Location 2802 Ft.
 Clock No. _____ Elevation 1290 KB Well Temperature 110 °F

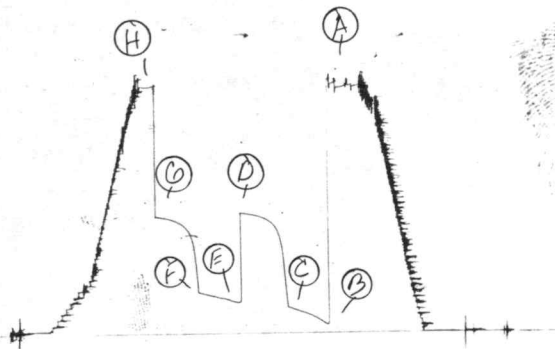
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1362</u> P.S.I.	Open Tool	<u>10:15 P</u> M	
B First Initial Flow Pressure	<u>44</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>139</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>652</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>166</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>221</u> P.S.I.			
G Final Closed-in Pressure	<u>637</u> P.S.I.			
H Final Hydrostatic Mud	<u>1354</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>10</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>44</u>	<u>0</u>	<u>139</u>	<u>0</u>	<u>166</u>	<u>0</u>	<u>221</u>
P 2 <u>5</u>	<u>63</u>	<u>3</u>	<u>358</u>	<u>5</u>	<u>170</u>	<u>3</u>	<u>438</u>
P 3 <u>10</u>	<u>84</u>	<u>6</u>	<u>502</u>	<u>10</u>	<u>183</u>	<u>6</u>	<u>525</u>
P 4 <u>15</u>	<u>103</u>	<u>9</u>	<u>565</u>	<u>15</u>	<u>194</u>	<u>9</u>	<u>569</u>
P 5 <u>20</u>	<u>113</u>	<u>12</u>	<u>597</u>	<u>20</u>	<u>202</u>	<u>12</u>	<u>588</u>
P 6 <u>25</u>	<u>126</u>	<u>15</u>	<u>611</u>	<u>25</u>	<u>210</u>	<u>15</u>	<u>605</u>
P 7 <u>30</u>	<u>139</u>	<u>18</u>	<u>626</u>	<u>30</u>	<u>221</u>	<u>18</u>	<u>616</u>
P 8 <u>35</u>		<u>21</u>	<u>632</u>	<u>35</u>		<u>21</u>	<u>622</u>
P 9 <u>40</u>		<u>24</u>	<u>641</u>	<u>40</u>		<u>24</u>	<u>628</u>
P10 <u>45</u>		<u>27</u>	<u>647</u>	<u>45</u>		<u>27</u>	<u>632</u>
P11 <u>50</u>		<u>30</u>	<u>649</u>	<u>50</u>		<u>30</u>	<u>637</u>
P12 <u>55</u>		<u>33</u>	<u>652</u>	<u>55</u>		<u>33</u>	
P13 <u>60</u>		<u>36</u>		<u>60</u>		<u>36</u>	
P14		<u>39</u>		<u>65</u>		<u>39</u>	
P15		<u>42</u>		<u>70</u>		<u>42</u>	
P16		<u>45</u>		<u>75</u>		<u>45</u>	
P17		<u>48</u>		<u>80</u>		<u>48</u>	
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		<u>54</u>	
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

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Company Palomino Petroleum Lease & Well No. Henry Ulmer #1
Elevation 1390 Kelly Bushing Burgess Effective Pay ---- Ft. Ticket No. 4902
Date 3/25/80 Sec. 36 Twp. 24S Range 2E County Harvey State Kansas
Test Approved by Bob Walchons Western Representative Kenny Kirkendall

Formation Test No. 1 Interval Tested from 2797 ft. to 2837 ft. Total Depth 2847 ft.
Packer Depth 2797 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 2792 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2802 ft. Recorder Number 3354 Cap. 4200
Bottom Recorder Depth (Outside) 2807 ft. Recorder Number 2606 Cap. 4150
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor DNB Drilling Rig #3 Drill Collar Length - I. D. - in.
Mud Type chemical Viscosity 42 Weight Pipe Length 570 I. D. - in.
Weight 9.3 Water Loss 28 cc. Drill Pipe Length 2207 I. D. - in.
Chlorides 1,300 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
Jars: Make NO Serial Number - Anchor Length 50 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 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Fair blow building to good blow through first flow period. Good blow throughout second flow.

Recovered 550 ft. of heavy oil and gas cut mud

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s) 10:15 A.M. Time Started Off Bottom 12:15 A.M. Maximum Temperature 110°
P.M. P.M.
Initial Hydrostatic Pressure 1362 P.S.I. (A)
Initial Flow Period 30 Minutes (B) 44 P.S.I. to (C) 139 P.S.I.
Initial Closed In Period 33 Minutes (D) 642 P.S.I.
Final Flow Period 30 Minutes (E) 166 P.S.I. to (F) 221 P.S.I.
Final Closed In Period 30 Minutes (G) 637 P.S.I.
Final Hydrostatic Pressure 1354 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 3-25-80 Test Ticket No. 4902
 Recorder No. 3354 Capacity 4200 Location 2802 Ft.
 Clock No. --- Elevation 1390 Kelly Bushing Well Temperature 110 °F

Point	Pressure			Time Given		Time Computed	
				10:15 P.	M		
A Initial Hydrostatic Mud	1362	P.S.I.	Open Tool	30	Mins.	30	Mins.
B First Initial Flow Pressure	44	P.S.I.	First Flow Pressure	30	Mins.	33	Mins.
C First Final Flow Pressure	139	P.S.I.	Initial Closed-in Pressure	30	Mins.	30	Mins.
D Initial Closed-in Pressure	652	P.S.I.	Second Flow Pressure	30	Mins.	30	Mins.
E Second Initial Flow Pressure	166	P.S.I.	Final Closed-in Pressure				
F Second Final Flow Pressure	221	P.S.I.					
G Final Closed-in Pressure	637	P.S.I.					
H Final Hydrostatic Mud	1354	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>10</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>44</u>	<u>0</u>	<u>139</u>	<u>0</u>	<u>166</u>	<u>0</u>	<u>221</u>
P 2 <u>5</u>	<u>63</u>	<u>3</u>	<u>358</u>	<u>5</u>	<u>170</u>	<u>3</u>	<u>438</u>
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