



# TEST REPORT

(303) 473-6909  
P.O. Box 2260  
Colorado Springs, CO 80901

Test Ticket No. 1225  
Company Petroleum, Inc. Date 6/12/81  
Company Address 300 W. Douglas Suite 800 - Wichita No. of Charts 5  
Location: Sec. 7 Twp. 10 Rge. 20 Co. Rooks State Kansas  
Well Name And Number Temple #B-5 Tester Rod Lewis  
Contractor DNB Drlg. Rig No. #2 Co. Rep. John Emerson

Formation Oread Zone \_\_\_\_\_ Type of Test Conventional

DST# 1 Interval 3,408 To 3,452 Total Depth 3,452  
Open 15 Shut In 30 Open 60 Shut In 120  
Packer(s) Set 6:13 AM Started off Bottom 10:00 AM  
Blow Strong blow throughout both flow periods, 6" in 15 min. 1st Open.  
10" in 14 min. 2nd Open.

Recovery Total Feet 450  
Recovered 450 Ft. of Muddy water.  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Gravity (Oil) \_\_\_\_\_ Corrected To Temp. \_\_\_\_\_ Water Chlorides 88,000

Pressures & Temp. Initial Hydrostatic Pressure 1,832 Final Hydrostatic Pressure 1,811  
Initial Closed In Pressure 1,113 Final Closed In Pressure 1,103  
Initial Flow Pressure 86 To 97 Final Flow Pressure 141 To 250  
Test Area Temperature 109  
(Office Reading If Applicable)

Engineering Date Elevation 2,224 K. B.  
Mud Viscosity 39 Mud Weight 9.6 Water Loss 16.2  
Chlorides 21,000 P.P.M. Type of Mud Starch Anchor Length 44  
Hole Size 7 7/8 Casing Size 8 5/8 Surface Choke 3/4 Bottom Choke 3/4  
Drill Pipe Length 2,404 I.D. 3.8 In. Weight Pipe Length 698 I.D. 2.76 In.  
Drill Collar Length \_\_\_\_\_ I.D. \_\_\_\_\_ In.  
Top Packer Depth. 3,403 Bottom Packer Depth. 3,403 Packer Size 6 3/4  
Test Tool Size 5 1/2 In. Tool Joint Size 4 1/2 XH \_\_\_\_\_ In.  
Did Well Flow No Reversed Out No  
Recorder Type and No. Kuster #10993 Clock Range No. #22347 12 Hr.  
Recorder Type and No. Kuster #10992 Clock Range No. #23935 12 Hr.  
Extra Equipment Jars - \$350.00  
Remarks Open Hole Test - \$660.00

Thank-you

Price of Job \$1,010.00

RECEIVED

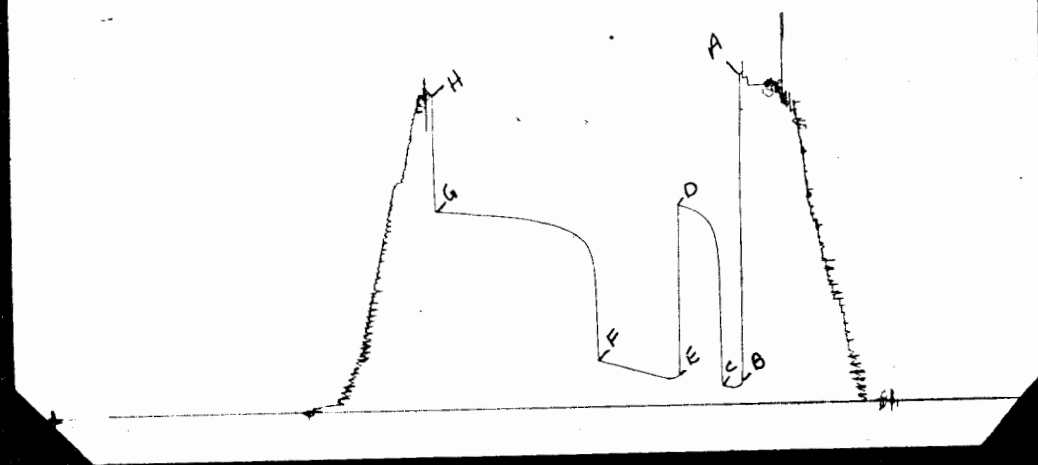
JUN 14 1981

AMERICAN

WELL LOG

7-165-26W

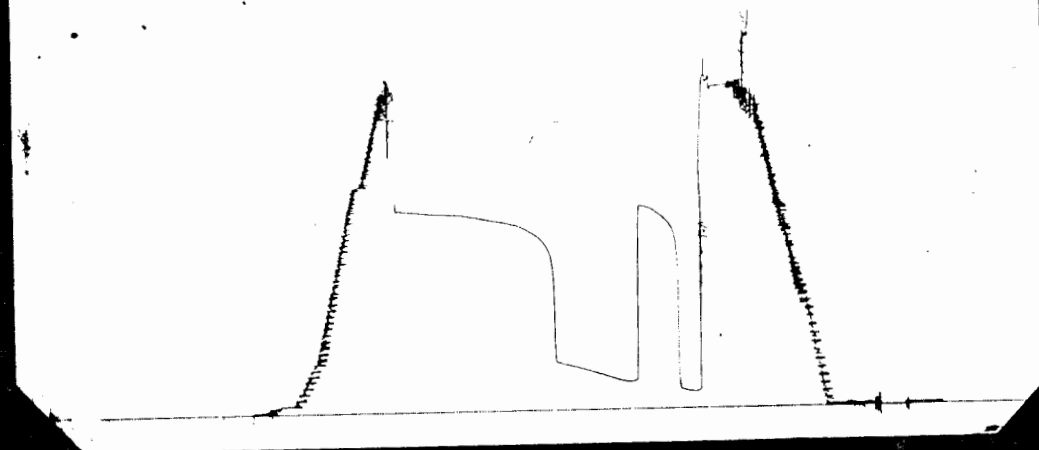
#1225  
 Top  
 JST #1  
 10993



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE      |                |     |
|----------------------------------|---------------|----------------|-----|
|                                  | Field Reading | Office Reading |     |
| (A) Initial Hydrostatic Mud      | 1,832         | 1,827          | PSI |
| (B) First Initial Flow Pressure  | 86            | 84             | PSI |
| (C) First Final Flow Pressure    | 97            | 102            | PSI |
| (D) Initial Closed-in Pressure   | 1,113         | 1,114          | PSI |
| (E) Second Initial Flow Pressure | 141           | 140            | PSI |
| (F) Second Final Flow Pressure   | 250           | 254            | PSI |
| (G) Final Closed-in Pressure     | 1,103         | 1,099          | PSI |
| (H) Final Hydrostatic Mud        | 1,811         | 1,747          | PSI |

#1225  
Bottom  
DST #1  
10992



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE         |                   |
|----------------------------------|------------------|-------------------|
|                                  | Field<br>Reading | Office<br>Reading |
| (A) Initial Hydrostatic Mud      | _____            | _____ PSI         |
| (B) First Initial Flow Pressure  | _____            | _____ PSI         |
| (C) First Final Flow Pressure    | _____            | _____ PSI         |
| (D) Initial Closed-in Pressure   | _____            | _____ PSI         |
| (E) Second Initial Flow Pressure | _____            | _____ PSI         |
| (F) Second Final Flow Pressure   | _____            | _____ PSI         |
| (G) Final Closed-in Pressure     | _____            | _____ PSI         |
| (H) Final Hydrostatic Mud        | _____            | _____ PSI         |

# CRUDE OIL TESTING COMPANY

P.O. Box 2260  
Colorado Springs, Colorado 80901  
(303) 473-6909

Date 6/12/81

Test Ticket No. 1225

Recorder No. Kuster AK-1 #10993 Capacity 4,250 PSI Location 3,442 Ft.

Clock No. #22347 Elevation 2,224 K. B. Well Temperature 109 °F

| Point                          | Pressure            | Open Tool                  | Field Time      | Time Computed         |
|--------------------------------|---------------------|----------------------------|-----------------|-----------------------|
| A Initial Hydrostatic Mud      | <u>1,827</u> P.S.I. |                            | <u>6:15</u> A M |                       |
| B First Initial Flow Pressure  | <u>84</u> P.S.I.    | First Flow Pressure        | <u>15</u> Mins  | <u>        </u> Mins. |
| C First Final Flow Pressure    | <u>102</u> P.S.I.   | Initial Closed-in Pressure | <u>30</u> Mins  | <u>        </u> Mins. |
| D Initial Closed-in Pressure   | <u>1,114</u> P.S.I. | Second Flow Pressure       | <u>60</u> Mins  | <u>        </u> Mins. |
| E Second Initial Flow Pressure | <u>140</u> P.S.I.   | Final Closed-in Pressure   | <u>120</u> Mins | <u>        </u> Mins. |
| F Second Final Flow Pressure   | <u>254</u> P.S.I.   |                            |                 |                       |
| G Final Closed-in Pressure     | <u>1,099</u> P.S.I. |                            |                 |                       |
| H Final Hydrostatic Mud        | <u>1,747</u> P.S.I. |                            |                 |                       |

## PRESSURE BREAKDOWN

| First Flow Pressure                |                 | Initial Shut-In                    |                 | Second Flow Pressure               |            | Final Shut-In                      |              |
|------------------------------------|-----------------|------------------------------------|-----------------|------------------------------------|------------|------------------------------------|--------------|
| Breakdown: <u>5</u> Inc.           |                 | Breakdown: <u>10</u> Inc.          |                 | Breakdown: <u>20</u> Inc.          |            | Breakdown: <u>40</u> Inc.          |              |
| of <u>3</u> mins. and a            |                 | of <u>3</u> mins. and a            |                 | of <u>3</u> mins. and a            |            | of <u>3</u> mins. and a            |              |
| final inc. of <u>        </u> Min. |                 | final inc. of <u>        </u> Min. |                 | final inc. of <u>        </u> Min. |            | final inc. of <u>        </u> Min. |              |
| Point<br>Mins.                     | Press.          | Point<br>Minutes                   | Press.          | Point<br>Minutes                   | Press.     | Point<br>Minutes                   | Press.       |
| P 1 <u>00</u>                      | <u>84</u>       | <u>00</u>                          | <u>102</u>      | <u>00</u>                          | <u>140</u> | <u>00</u>                          | <u>254</u>   |
| P 2 <u>03</u>                      | <u>87</u>       | <u>03</u>                          | <u>888</u>      | <u>03</u>                          | <u>142</u> | <u>03</u>                          | <u>794</u>   |
| P 3 <u>06</u>                      | <u>90</u>       | <u>06</u>                          | <u>978</u>      | <u>06</u>                          | <u>143</u> | <u>06</u>                          | <u>875</u>   |
| P 4 <u>09</u>                      | <u>92</u>       | <u>09</u>                          | <u>1,020</u>    | <u>09</u>                          | <u>145</u> | <u>09</u>                          | <u>913</u>   |
| P 5 <u>12</u>                      | <u>96</u>       | <u>12</u>                          | <u>1,047</u>    | <u>12</u>                          | <u>151</u> | <u>12</u>                          | <u>932</u>   |
| P 6 <u>15</u>                      | <u>102</u>      | <u>15</u>                          | <u>1,066</u>    | <u>15</u>                          | <u>155</u> | <u>15</u>                          | <u>952</u>   |
| P 7 <u>        </u>                | <u>        </u> | <u>18</u>                          | <u>1,080</u>    | <u>18</u>                          | <u>163</u> | <u>18</u>                          | <u>966</u>   |
| P 8 <u>        </u>                | <u>        </u> | <u>21</u>                          | <u>1,091</u>    | <u>21</u>                          | <u>170</u> | <u>21</u>                          | <u>978</u>   |
| P 9 <u>        </u>                | <u>        </u> | <u>24</u>                          | <u>1,100</u>    | <u>24</u>                          | <u>177</u> | <u>24</u>                          | <u>989</u>   |
| P10 <u>        </u>                | <u>        </u> | <u>27</u>                          | <u>1,108</u>    | <u>27</u>                          | <u>183</u> | <u>27</u>                          | <u>997</u>   |
| P11 <u>        </u>                | <u>        </u> | <u>30</u>                          | <u>1,114</u>    | <u>30</u>                          | <u>190</u> | <u>30</u>                          | <u>1,008</u> |
| P12 <u>        </u>                | <u>        </u> | <u>        </u>                    | <u>        </u> | <u>33</u>                          | <u>196</u> | <u>33</u>                          | <u>1,015</u> |
| P13 <u>        </u>                | <u>        </u> | <u>        </u>                    | <u>        </u> | <u>36</u>                          | <u>202</u> | <u>36</u>                          | <u>1,022</u> |
| P14 <u>        </u>                | <u>        </u> | <u>        </u>                    | <u>        </u> | <u>39</u>                          | <u>210</u> | <u>39</u>                          | <u>1,026</u> |
| P15 <u>        </u>                | <u>        </u> | <u>        </u>                    | <u>        </u> | <u>42</u>                          | <u>217</u> | <u>42</u>                          | <u>1,031</u> |
| P16 <u>        </u>                | <u>        </u> | <u>        </u>                    | <u>        </u> | <u>45</u>                          | <u>224</u> | <u>45</u>                          | <u>1,037</u> |
| P17 <u>        </u>                | <u>        </u> | <u>        </u>                    | <u>        </u> | <u>48</u>                          | <u>230</u> | <u>48</u>                          | <u>1,041</u> |
| P18 <u>        </u>                | <u>        </u> | <u>        </u>                    | <u>        </u> | <u>51</u>                          | <u>235</u> | <u>51</u>                          | <u>1,048</u> |
| P19 <u>        </u>                | <u>        </u> | <u>        </u>                    | <u>        </u> | <u>54</u>                          | <u>243</u> | <u>54</u>                          | <u>1,051</u> |
| P20 <u>        </u>                | <u>        </u> | <u>        </u>                    | <u>        </u> | <u>57</u>                          | <u>250</u> | <u>57</u>                          | <u>1,055</u> |
|                                    |                 |                                    |                 | <u>60</u>                          | <u>254</u> | <u>60</u>                          | <u>1,058</u> |

# CRUDE OIL TESTING COMPANY

P.O. Box 2260  
Colorado Springs, Colorado 80901  
(303) 473-6909

Date 6/12/81

Test Ticket No. 1225

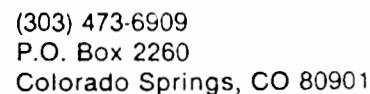
Recorder No. \_\_\_\_\_ Capacity \_\_\_\_\_ Location \_\_\_\_\_ Ft.

Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_ °F

| Point                                | Pressure     | Field Time                       | Time Computed           |
|--------------------------------------|--------------|----------------------------------|-------------------------|
| A Initial Hydrostatic Mud _____      | P.S.I. _____ | Open Tool _____                  | M _____                 |
| B First Initial Flow Pressure _____  | P.S.I. _____ | First Flow Pressure _____        | Mins. _____ Mins. _____ |
| C First Final Flow Pressure _____    | P.S.I. _____ | Initial Closed-in Pressure _____ | Mins. _____ Mins. _____ |
| D Initial Closed-in Pressure _____   | P.S.I. _____ | Second Flow Pressure _____       | Mins. _____ Mins. _____ |
| E Second Initial Flow Pressure _____ | P.S.I. _____ | Final Closed-in Pressure _____   | Mins. _____ Mins. _____ |
| F Second Final Flow Pressure _____   | P.S.I. _____ |                                  |                         |
| G Final Closed-in Pressure _____     | P.S.I. _____ |                                  |                         |
| H Final Hydrostatic Mud _____        | P.S.I. _____ |                                  |                         |

## PRESSURE BREAKDOWN

| First Flow Pressure<br>Breakdown: _____ Inc.<br>of _____ mins. and a<br>final inc. of _____ Min. |        | Initial Shut-In<br>Breakdown: _____ Inc.<br>of _____ mins. and a<br>final inc. of _____ Min. |        | Second Flow Pressure<br>Breakdown: _____ Inc.<br>of _____ mins. and a<br>final inc. of _____ Min. |        | Final Shut-In<br>Breakdown: _____ Inc.<br>of _____ mins. and a<br>final inc. of _____ Min. |        |
|--------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------|--------|
| Point<br>Mins.                                                                                   | Press. | Point<br>Minutes                                                                             | Press. | Point<br>Minutes                                                                                  | Press. | Point<br>Minutes                                                                           | Press. |
| P 1 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 63                                                                                         | 1,062  |
| P 2 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 66                                                                                         | 1,064  |
| P 3 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 69                                                                                         | 1,067  |
| P 4 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 72                                                                                         | 1,068  |
| P 5 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 75                                                                                         | 1,071  |
| P 6 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 78                                                                                         | 1,073  |
| P 7 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 81                                                                                         | 1,075  |
| P 8 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 84                                                                                         | 1,076  |
| P 9 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 87                                                                                         | 1,078  |
| P10 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 90                                                                                         | 1,080  |
| P11 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 93                                                                                         | 1,083  |
| P12 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 96                                                                                         | 1,085  |
| P13 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 99                                                                                         | 1,086  |
| P14 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 102                                                                                        | 1,090  |
| P15 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 105                                                                                        | 1,092  |
| P16 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 108                                                                                        | 1,094  |
| P17 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 111                                                                                        | 1,095  |
| P18 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 114                                                                                        | 1,096  |
| P19 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 117                                                                                        | 1,097  |
| P20 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 120                                                                                        | 1,099  |

STATE: Kansas

**TOTAL FLUID** 450'



# TEST REPORT

(303) 473-6909  
P.O. Box 2260  
Colorado Springs, CO 80901

Test Ticket No. 1226  
Company Petroleum, Inc. Date 6/13/81  
Company Address 300 W. Douglas Suite 800 - Wichita No. of Charts 5  
Location: Sec. 7 Twp. 10 Rge. 20 Co. Rooks State Kansas  
Well Name And Number Temple #B-5 Tester Rod Lewis  
Contractor DNB Drlg. Rig No. #2 Co. Rep. John Emerson

Formation Lansing Zone E Type of Test Conventional

DST# 2 Interval 3,541 To 3,585 Total Depth 3,585  
Open 15 Shut In 30 Open 60 Shut In 120  
Packer(s) Set 7:58 ~~XX~~ Started off Bottom 11:45 ~~XX~~  
Blow 1st Open: Weak blow, 2 1/2". 2nd Open: Fair blow, 4".

Recovery Total Feet 185  
Recovered 65 Ft. of Oil cut mud.  
Recovered 60 Ft. of Watery oil cut mud.  
Recovered 60 Ft. of Slightly oil cut water.  
Recovered        Ft. of         
Recovered        Ft. of         
Recovered        Ft. of         
Gravity (Oil)        Corrected To Temp.        Water Chlorides 82,000

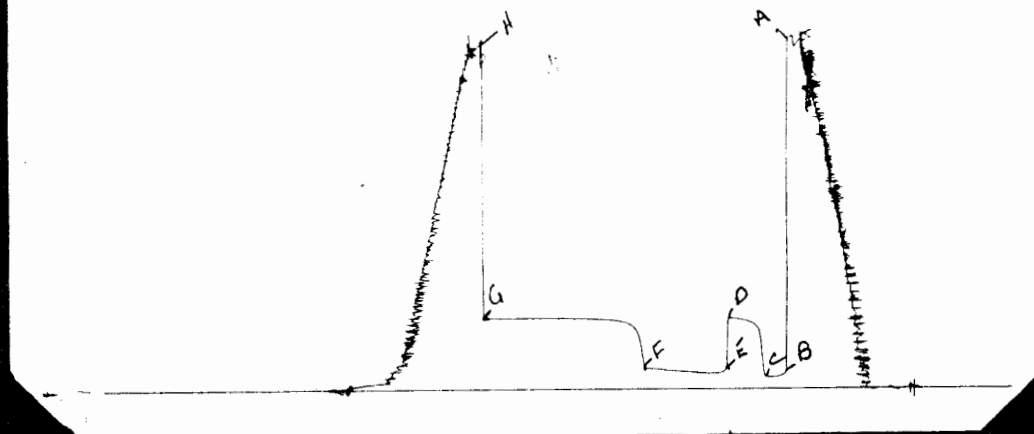
Pressures & Temp. Initial Hydrostatic Pressure 1,939 Final Hydrostatic Pressure 1,918  
Initial Closed In Pressure 391 Final Closed In Pressure 391  
Initial Flow Pressure 65 To 65 Final Flow Pressure 86 To 119  
Test Area Temperature 100  
(Office Reading If Applicable)

Engineering Date Elevation 2,224 K. B.  
Mud Viscosity 39 Mud Weight 9.7 Water Loss 17.6  
Chlorides 20,000 P.P.M. Type of Mud Starch Anchor Length 44  
Hole Size 7 7/8 Casing Size 8 5/8 Surface Choke 3/4 Bottom Choke 3/4  
Drill Pipe Length 2,537 I.D. 3.8 In. Weight Pipe Length 698 I.D. 2.76 In.  
Drill Collar Length        I.D.        In.  
Top Packer Depth. 3,536 Bottom Packer Depth. 3,541 Packer Size 6 3/4  
Test Tool Size 5 1/2 In. Tool Joint Size 4 1/2 XH In.  
Did Well Flow No Reversed Out No  
Recorder Type and No. Kuster #10993 Clock Range No. #22348 12 Hr.  
Recorder Type and No. Kuster #10992 Clock Range No. #23935 12 Hr.  
Extra Equipment Jars - \$350.00  
Remarks Open Hole Test - \$660.00

Thank-you

Price of Job \$1,010.00

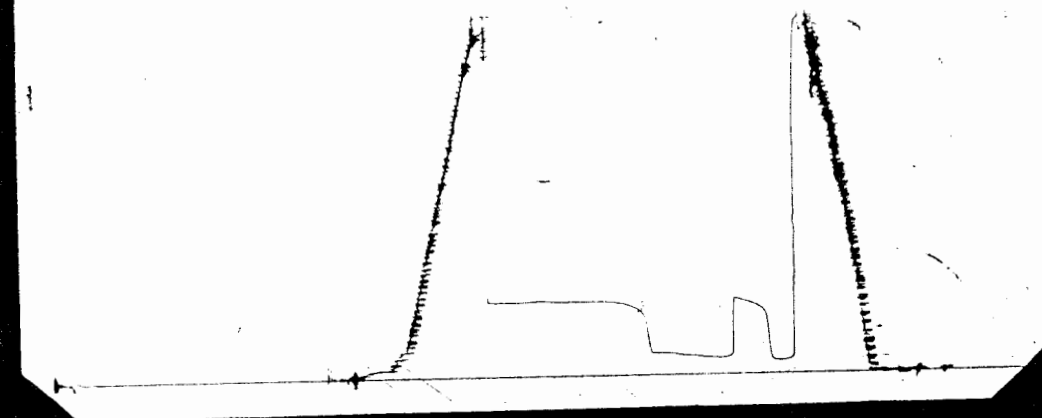
#1726  
Top  
OST #2  
10993



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE      |                |     |
|----------------------------------|---------------|----------------|-----|
|                                  | Field Reading | Office Reading |     |
| (A) Initial Hydrostatic Mud      | 1,939         | 1,939          | PSI |
| (B) First Initial Flow Pressure  | 65            | 61             | PSI |
| (C) First Final Flow Pressure    | 65            | 70             | PSI |
| (D) Initial Closed-in Pressure   | 391           | 393            | PSI |
| (E) Second Initial Flow Pressure | 86            | 82             | PSI |
| (F) Second Final Flow Pressure   | 119           | 119            | PSI |
| (G) Final Closed-in Pressure     | 391           | 395            | PSI |
| (H) Final Hydrostatic Mud        | 1,918         | 1,904          | PSI |

#1226  
Bottom  
OST #2  
10992



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE         |                   |
|----------------------------------|------------------|-------------------|
|                                  | Field<br>Reading | Office<br>Reading |
| (A) Initial Hydrostatic Mud      | _____            | _____PSI          |
| (B) First Initial Flow Pressure  | _____            | _____PSI          |
| (C) First Final Flow Pressure    | _____            | _____PSI          |
| (D) Initial Closed-in Pressure   | _____            | _____PSI          |
| (E) Second Initial Flow Pressure | _____            | _____PSI          |
| (F) Second Final Flow Pressure   | _____            | _____PSI          |
| (G) Final Closed-in Pressure     | _____            | _____PSI          |
| (H) Final Hydrostatic Mud        | _____            | _____PSI          |

# CRUDE OIL TESTING COMPANY

P.O. Box 2260  
Colorado Springs, Colorado 80901  
(303) 473-6909

Date 6/13/81 Test Ticket No. 1226  
Recorder No. Kuster AK-1 #10993 Capacity 4,250 PSI Location 3,575 Ft.  
Clock No. #22348 Elevation 2,224 K. B. Well Temperature 100 °F

| Point                          | Pressure     | Open Tool                  | Field Time | Time Computed |
|--------------------------------|--------------|----------------------------|------------|---------------|
| A Initial Hydrostatic Mud      | 1,939 P.S.I. |                            | 8:00 AM    |               |
| B First Initial Flow Pressure  | 61 P.S.I.    | First Flow Pressure        | 15 Mins.   | Mins.         |
| C First Final Flow Pressure    | 70 P.S.I.    | Initial Closed-in Pressure | 30 Mins.   | Mins.         |
| D Initial Closed-in Pressure   | 393 P.S.I.   | Second Flow Pressure       | 60 Mins.   | Mins.         |
| E Second Initial Flow Pressure | 82 P.S.I.    | Final Closed-in Pressure   | 120 Mins.  | Mins.         |
| F Second Final Flow Pressure   | 119 P.S.I.   |                            |            |               |
| G Final Closed-in Pressure     | 395 P.S.I.   |                            |            |               |
| H Final Hydrostatic Mud        | 1,904 P.S.I. |                            |            |               |

## PRESSURE BREAKDOWN

| First Flow Pressure            |        | Initial Shut-In                |        | Second Flow Pressure           |        | Final Shut-In                  |        |
|--------------------------------|--------|--------------------------------|--------|--------------------------------|--------|--------------------------------|--------|
| Breakdown: <u>5</u> Inc.       |        | Breakdown: <u>10</u> Inc.      |        | Breakdown: <u>20</u> Inc.      |        | Breakdown: <u>40</u> Inc.      |        |
| of <u>3</u> mins. and a        |        | of <u>3</u> mins. and a        |        | of <u>3</u> mins. and a        |        | of <u>3</u> mins. and a        |        |
| final inc. of <u>    </u> Min. |        | final inc. of <u>    </u> Min. |        | final inc. of <u>    </u> Min. |        | final inc. of <u>    </u> Min. |        |
| Point Mins.                    | Press. | Point Minutes                  | Press. | Point Minutes                  | Press. | Point Minutes                  | Press. |
| P 1 00                         | 61     | 00                             | 70     | 00                             | 82     | 00                             | 119    |
| P 2 03                         | 64     | 03                             | 242    | 03                             | 84     | 03                             | 253    |
| P 3 06                         | 65     | 06                             | 339    | 06                             | 84     | 06                             | 318    |
| P 4 09                         | 67     | 09                             | 359    | 09                             | 87     | 09                             | 347    |
| P 5 12                         | 68     | 12                             | 371    | 12                             | 89     | 12                             | 363    |
| P 6 15                         | 70     | 15                             | 379    | 15                             | 91     | 15                             | 371    |
| P 7                            |        | 18                             | 383    | 18                             | 91     | 18                             | 376    |
| P 8                            |        | 21                             | 386    | 21                             | 94     | 21                             | 379    |
| P 9                            |        | 24                             | 389    | 24                             | 95     | 24                             | 382    |
| P 10                           |        | 27                             | 391    | 27                             | 97     | 27                             | 384    |
| P 11                           |        | 30                             | 393    | 30                             | 100    | 30                             | 386    |
| P 12                           |        |                                |        | 33                             | 102    | 33                             | 387    |
| P 13                           |        |                                |        | 36                             | 103    | 36                             | 387    |
| P 14                           |        |                                |        | 39                             | 106    | 39                             | 389    |
| P 15                           |        |                                |        | 42                             | 106    | 42                             | 390    |
| P 16                           |        |                                |        | 45                             | 108    | 45                             | 391    |
| P 17                           |        |                                |        | 48                             | 111    | 48                             | 391    |
| P 18                           |        |                                |        | 51                             | 115    | 51                             | 391    |
| P 19                           |        |                                |        | 54                             | 116    | 54                             | 392    |
| P 20                           |        |                                |        | 57                             | 117    | 57                             | 392    |
|                                |        |                                |        | 60                             | 119    | 60                             | 392    |

# CRUDE OIL TESTING COMPANY

P.O. Box 2260  
Colorado Springs, Colorado 80901  
(303) 473-6909

Date 6/13/81

Test Ticket No. 1226

Recorder No. \_\_\_\_\_ Capacity \_\_\_\_\_ Location \_\_\_\_\_ Ft.

Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_ °F

| Point                                       | Pressure                                           | Field Time | Time Computed |
|---------------------------------------------|----------------------------------------------------|------------|---------------|
| A Initial Hydrostatic Mud _____ P.S.I.      | Open Tool _____ M                                  |            |               |
| B First Initial Flow Pressure _____ P.S.I.  | First Flow Pressure _____ Mins. _____ Mins.        |            |               |
| C First Final Flow Pressure _____ P.S.I.    | Initial Closed-in Pressure _____ Mins. _____ Mins. |            |               |
| D Initial Closed-in Pressure _____ P.S.I.   | Second Flow Pressure _____ Mins. _____ Mins.       |            |               |
| E Second Initial Flow Pressure _____ P.S.I. | Final Closed-in Pressure _____ Mins. _____ Mins.   |            |               |
| F Second Final Flow Pressure _____ P.S.I.   |                                                    |            |               |
| G Final Closed-in Pressure _____ P.S.I.     |                                                    |            |               |
| H Final Hydrostatic Mud _____ P.S.I.        |                                                    |            |               |

## PRESSURE BREAKDOWN

| First Flow Pressure<br>Breakdown: _____ Inc.<br>of _____ mins. and a<br>final inc. of _____ Min. |        | Initial Shut-In<br>Breakdown: _____ Inc.<br>of _____ mins. and a<br>final inc. of _____ Min. |        | Second Flow Pressure<br>Breakdown: _____ Inc.<br>of _____ mins. and a<br>final inc. of _____ Min. |        | Final Shut-In<br>Breakdown: _____ Inc.<br>of _____ mins. and a<br>final inc. of _____ Min. |        |
|--------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------|--------|
| Point<br>Mins.                                                                                   | Press. | Point<br>Minutes                                                                             | Press. | Point<br>Minutes                                                                                  | Press. | Point<br>Minutes                                                                           | Press. |
| P 1 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 63                                                                                         | 392    |
| P 2 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 66                                                                                         | 393    |
| P 3 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 69                                                                                         | 393    |
| P 4 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 72                                                                                         | 393    |
| P 5 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 75                                                                                         | 393    |
| P 6 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 78                                                                                         | 393    |
| P 7 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 81                                                                                         | 394    |
| P 8 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 84                                                                                         | 394    |
| P 9 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 87                                                                                         | 394    |
| P10 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 90                                                                                         | 394    |
| P11 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 93                                                                                         | 394    |
| P12 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 96                                                                                         | 394    |
| P13 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 99                                                                                         | 394    |
| P14 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 102                                                                                        | 394    |
| P15 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 105                                                                                        | 394    |
| P16 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 108                                                                                        | 394    |
| P17 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 111                                                                                        | 394    |
| P18 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 114                                                                                        | 394    |
| P19 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 117                                                                                        | 394    |
| P20 _____                                                                                        | _____  | _____                                                                                        | _____  | _____                                                                                             | _____  | 120                                                                                        | 395    |





# TEST REPORT

(303) 473-6909  
P.O. Box 2260  
Colorado Springs, CO 80901

Test Ticket No. 1227  
Company Petroleum, Inc. Date 6/14/81  
Company Address 300 W. Douglas Suite 800 - Wichita No. of Charts 5  
Location: Sec. 7 Twp. 10 Rge. 20 Co. Rooks State Kansas  
Well Name And Number Temple #B-5 Tester Rod Lewis  
Contractor DNB Drlg. Rig No. #2 Co. Rep. John Emerson

Formation Lansing Zone \_\_\_\_\_ Type of Test Conventional

DST# 3 Interval 3,687 To 3,730 Total Depth 3,730  
Open 15 Shut In 30 Open 30 Shut In 60  
Packer(s) Set 9:58 AM Started off Bottom 12:15 P.M.  
Blow 1st Open: Very weak blow died in 8 min.  
2nd Open: No blow.

Recovery Total Feet 10  
Recovered 10 Ft. of Drilling mud.  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Gravity (Oil) \_\_\_\_\_ Corrected To Temp. \_\_\_\_\_ Water Chlorides \_\_\_\_\_

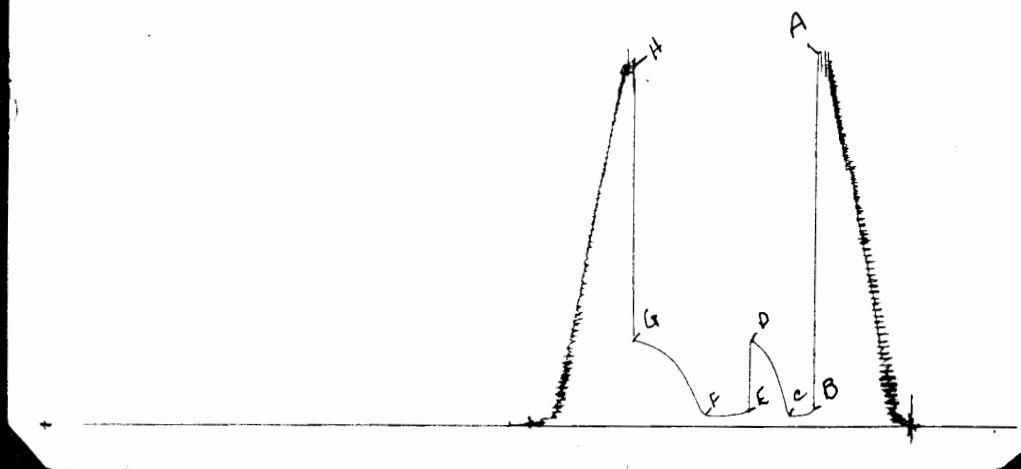
Pressures & Temp. Initial Hydrostatic Pressure 2,068 Final Hydrostatic Pressure 2,047  
Initial Closed In Pressure 478 Final Closed In Pressure 478  
Initial Flow Pressure 54 To 54 Final Flow Pressure 54 To 54  
Test Area Temperature 105  
(Office Reading If Applicable)

Engineering Date \_\_\_\_\_  
Elevation 2,224 K. B.  
Mud Viscosity 48 Mud Weight 10 Water Loss 14.2  
Chlorides 26,000 P.P.M. Type of Mud Starch Anchor Length 43  
Hole Size 7 7/8 Casing Size 8 5/8 Surface Choke 3/4 Bottom Choke 3/4  
Drill Pipe Length 2,682 I.D. 3.8 In. Weight Pipe Length 698 I.D. 2.76 In.  
Drill Collar Length \_\_\_\_\_ I.D. \_\_\_\_\_ In.  
Top Packer Depth. 3,682 Bottom Packer Depth. 3,687 Packer Size 6 3/4  
Test Tool Size 5 1/2 In. Tool Joint Size 4 1/2 XH \_\_\_\_\_ In.  
Did Well Flow No Reversed Out No  
Recorder Type and No. Kuster #10993 Clock Range No. #22347 12 Hr.  
Recorder Type and No. Kuster #10992 Clock Range No. #23935 12 Hr.  
Extra Equipment Jars - \$350.00  
Remarks Open Hole Test - \$660.00

Thank-you

Price of Job \$1,010.00

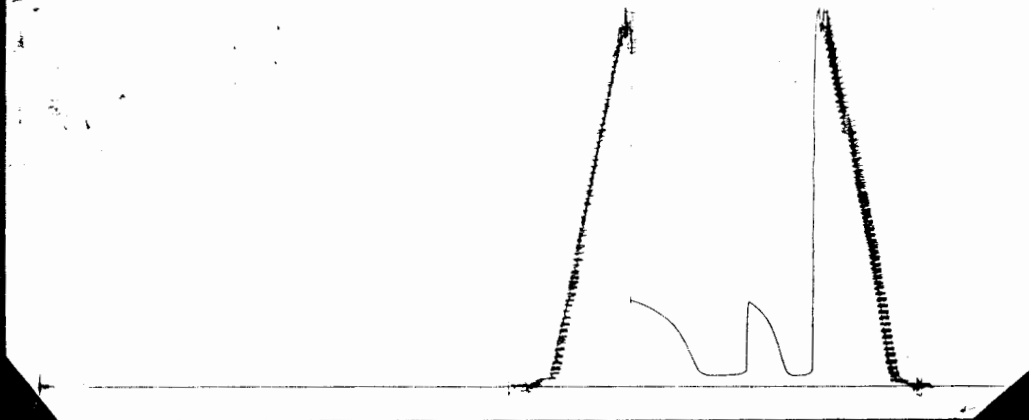
#1227  
Top  
057<sup>th</sup><sub>3</sub>  
10993



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE      |                |     |
|----------------------------------|---------------|----------------|-----|
|                                  | Field Reading | Office Reading |     |
| (A) Initial Hydrostatic Mud      | 2,068         | 2,074          | PSI |
| (B) First Initial Flow Pressure  | 54            | 46             | PSI |
| (C) First Final Flow Pressure    | 54            | 55             | PSI |
| (D) Initial Closed-in Pressure   | 478           | 471            | PSI |
| (E) Second Initial Flow Pressure | 54            | 40             | PSI |
| (F) Second Final Flow Pressure   | 54            | 58             | PSI |
| (G) Final Closed-in Pressure     | 478           | 469            | PSI |
| (H) Final Hydrostatic Mud        | 2,047         | 1,997          | PSI |

#1227  
Bottom  
DST #3  
10942



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE         |                   |
|----------------------------------|------------------|-------------------|
|                                  | Field<br>Reading | Office<br>Reading |
| (A) Initial Hydrostatic Mud      | _____            | _____ PSI         |
| (B) First Initial Flow Pressure  | _____            | _____ PSI         |
| (C) First Final Flow Pressure    | _____            | _____ PSI         |
| (D) Initial Closed-in Pressure   | _____            | _____ PSI         |
| (E) Second Initial Flow Pressure | _____            | _____ PSI         |
| (F) Second Final Flow Pressure   | _____            | _____ PSI         |
| (G) Final Closed-in Pressure     | _____            | _____ PSI         |
| (H) Final Hydrostatic Mud        | _____            | _____ PSI         |

# CRUDE OIL TESTING COMPANY

P.O. Box 2260  
Colorado Springs, Colorado 80901  
(303) 473-6909

Date 6/14/81 Test Ticket No. 1227  
Recorder No. Kuster AK-1 #10993 Capacity 4,250 PSI Location 3,720 Ft.  
Clock No. #22347 Elevation 2,224 K. B. Well Temperature 105 °F

| Point                          | Pressure     | Field Time | Time Computed |
|--------------------------------|--------------|------------|---------------|
| A Initial Hydrostatic Mud      | 2,074 P.S.I. | 10:00 A M  |               |
| B First Initial Flow Pressure  | 46 P.S.I.    | 15 Mins    | Mins.         |
| C First Final Flow Pressure    | 55 P.S.I.    | 30 Mins    | Mins.         |
| D Initial Closed-in Pressure   | 471 P.S.I.   | 30 Mins    | Mins.         |
| E Second Initial Flow Pressure | 40 P.S.I.    | 60 Mins    | 57 Mins.      |
| F Second Final Flow Pressure   | 58 P.S.I.    |            |               |
| G Final Closed-in Pressure     | 469 P.S.I.   |            |               |
| H Final Hydrostatic Mud        | 1,997 P.S.I. |            |               |

## PRESSURE BREAKDOWN

| First Flow Pressure<br>Breakdown: <u>5</u> Inc.<br>of <u>3</u> mins. and a<br>final inc. of <u>    </u> Min. |        | Initial Shut-In<br>Breakdown: <u>10</u> Inc.<br>of <u>3</u> mins. and a<br>final inc. of <u>    </u> Min. |        | Second Flow Pressure<br>Breakdown: <u>10</u> Inc.<br>of <u>3</u> mins. and a<br>final inc. of <u>    </u> Min. |        | Final Shut-In<br>Breakdown: <u>19</u> Inc.<br>of <u>3</u> mins. and a<br>final inc. of <u>    </u> Min. |        |
|--------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------|--------|
| Point<br>Mins.                                                                                               | Press. | Point<br>Minutes                                                                                          | Press. | Point<br>Minutes                                                                                               | Press. | Point<br>Minutes                                                                                        | Press. |
| P 1 00                                                                                                       | 46     | 00                                                                                                        | 55     | 00                                                                                                             | 40     | 00                                                                                                      | 58     |
| P 2 03                                                                                                       | 47     | 03                                                                                                        | 65     | 03                                                                                                             | 42     | 03                                                                                                      | 71     |
| P 3 06                                                                                                       | 50     | 06                                                                                                        | 134    | 06                                                                                                             | 44     | 06                                                                                                      | 106    |
| P 4 09                                                                                                       | 51     | 09                                                                                                        | 206    | 09                                                                                                             | 45     | 09                                                                                                      | 157    |
| P 5 12                                                                                                       | 53     | 12                                                                                                        | 266    | 12                                                                                                             | 47     | 12                                                                                                      | 200    |
| P 6 15                                                                                                       | 55     | 15                                                                                                        | 341    | 15                                                                                                             | 50     | 15                                                                                                      | 237    |
| P 7                                                                                                          |        | 18                                                                                                        | 386    | 18                                                                                                             | 51     | 18                                                                                                      | 276    |
| P 8                                                                                                          |        | 21                                                                                                        | 409    | 21                                                                                                             | 51     | 21                                                                                                      | 308    |
| P 9                                                                                                          |        | 24                                                                                                        | 432    | 24                                                                                                             | 53     | 24                                                                                                      | 337    |
| P 10                                                                                                         |        | 27                                                                                                        | 452    | 27                                                                                                             | 55     | 27                                                                                                      | 361    |
| P 11                                                                                                         |        | 30                                                                                                        | 471    | 30                                                                                                             | 58     | 30                                                                                                      | 382    |
| P 12                                                                                                         |        |                                                                                                           |        |                                                                                                                |        | 33                                                                                                      | 400    |
| P 13                                                                                                         |        |                                                                                                           |        |                                                                                                                |        | 36                                                                                                      | 413    |
| P 14                                                                                                         |        |                                                                                                           |        |                                                                                                                |        | 39                                                                                                      | 426    |
| P 15                                                                                                         |        |                                                                                                           |        |                                                                                                                |        | 42                                                                                                      | 435    |
| P 16                                                                                                         |        |                                                                                                           |        |                                                                                                                |        | 45                                                                                                      | 445    |
| P 17                                                                                                         |        |                                                                                                           |        |                                                                                                                |        | 48                                                                                                      | 454    |
| P 18                                                                                                         |        |                                                                                                           |        |                                                                                                                |        | 51                                                                                                      | 460    |
| P 19                                                                                                         |        |                                                                                                           |        |                                                                                                                |        | 54                                                                                                      | 466    |
| P 20                                                                                                         |        |                                                                                                           |        |                                                                                                                |        | 57                                                                                                      | 469    |



# TEST REPORT

(303) 473-6909  
P.O. Box 2260  
Colorado Springs, CO 80901

Test Ticket No. 1228  
Company Petroleum, Inc. Date 6/15/81  
Company Address 300 W. Douglas Suite 800- Wichita No. of Charts 5  
Location: Sec. 7 Twp. 10 Rge. 20 Co. Rooks State Kansas  
Well Name And Number Temple #B-5 Tester Rod Lewis  
Contractor DNB Drlg. Rig No. #2 Co. Rep. John Emerson

Formation Arbuckle Zone \_\_\_\_\_ Type of Test Conventional

DST# 4 Interval 3,799 To 3,805 Total Depth 3,805  
Open 15 Shut In 30 Open 30 Shut In 60  
Packer(s) Set 6:13 ~~AM~~ Started off Bottom 8:30 ~~AM~~  
Blow 1st Open: Very weak decreasing blow. 2nd Open: No blow, flushed tool in 10 min., good surge.

Recovery Total Feet 05  
Recovered 05 Ft. of Drilling mud.  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Gravity (Oil) \_\_\_\_\_ Corrected To Temp. \_\_\_\_\_ Water Chlorides \_\_\_\_\_

Pressures & Temp. Initial Hydrostatic Pressure 2,111 Final Hydrostatic Pressure 2,089  
Initial Closed In Pressure 163 Final Closed In Pressure 43  
Initial Flow Pressure 21 To 21 Final Flow Pressure 43 To 43  
Test Area Temperature \_\_\_\_\_  
(Office Reading If Applicable)

Engineering  
Date

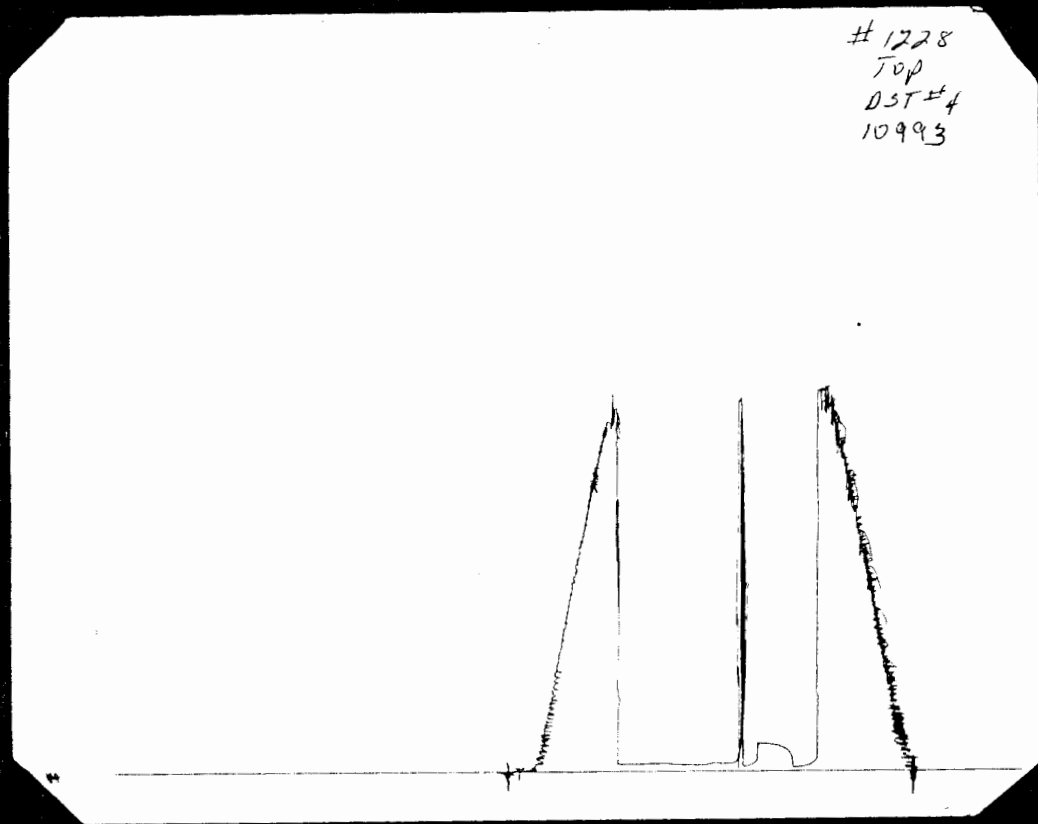
Elevation 2,224 K. B.  
Mud Viscosity 48 Mud Weight 10 Water Loss 14.2  
Chlorides 26,000 P.P.M. Type of Mud Starch Anchor Length 6  
Hole Size 7 7/8 Casing Size 8 5/8 Surface Choke 3/4 Bottom Choke 3/4  
Drill Pipe Length 2,757 I.D. 3.8 In. Weight Pipe Length 698 I.D. 2.76 In.  
Drill Collar Length \_\_\_\_\_ I.D. \_\_\_\_\_ In.  
Top Packer Depth. 3,794 Bottom Packer Depth. 3,799 Packer Size 6 3/4  
Test Tool Size 5 1/2 In. Tool Joint Size 4 1/2 XH In.  
Did Well Flow No Reversed Out No  
Recorder Type and No. Kuster #10993 Clock Range No. #22347 12 Hr.  
Recorder Type and No. Kuster #10992 Clock Range No. #23935 12 Hr.  
Extra Equipment Jars - \$350.00  
Remarks Open Hole Test - \$660.00

Thank-you

Price of Job \$1,010.00

RECEIVED

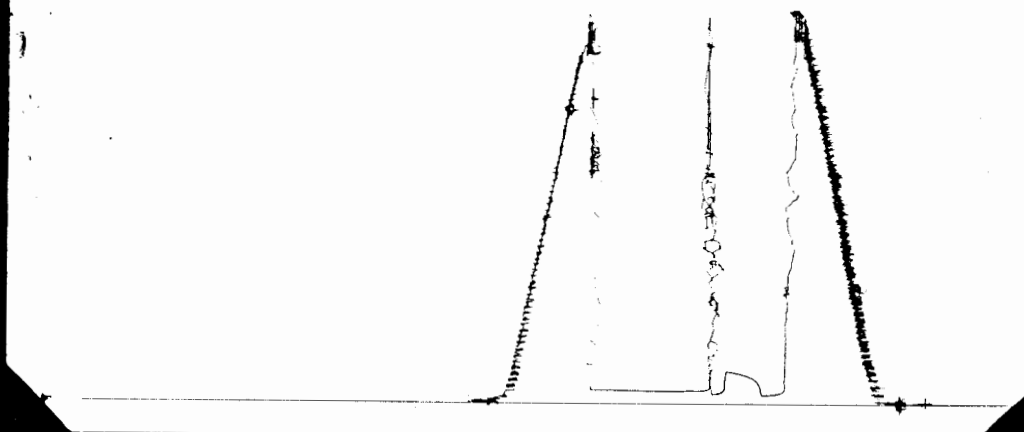
#1228  
 Top  
 DST #4  
 10993



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE      |                |
|----------------------------------|---------------|----------------|
|                                  | Field Reading | Office Reading |
| (A) Initial Hydrostatic Mud      | 2,111         | PSI            |
| (B) First Initial Flow Pressure  | 21            | PSI            |
| (C) First Final Flow Pressure    | 21            | PSI            |
| (D) Initial Closed-in Pressure   | 163           | PSI            |
| (E) Second Initial Flow Pressure | 43            | PSI            |
| (F) Second Final Flow Pressure   | 43            | PSI            |
| (G) Final Closed-in Pressure     | 43            | PSI            |
| (H) Final Hydrostatic Mud        | 2,089         | PSI            |

#1226  
Bottom  
DST #4  
10992



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE         |                   |
|----------------------------------|------------------|-------------------|
|                                  | Field<br>Reading | Office<br>Reading |
| (A) Initial Hydrostatic Mud      | _____            | _____ PSI         |
| (B) First Initial Flow Pressure  | _____            | _____ PSI         |
| (C) First Final Flow Pressure    | _____            | _____ PSI         |
| (D) Initial Closed-in Pressure   | _____            | _____ PSI         |
| (E) Second Initial Flow Pressure | _____            | _____ PSI         |
| (F) Second Final Flow Pressure   | _____            | _____ PSI         |
| (G) Final Closed-in Pressure     | _____            | _____ PSI         |
| (H) Final Hydrostatic Mud        | _____            | _____ PSI         |



# TEST REPORT

(303) 473-6909  
P.O. Box 2260  
Colorado Springs, CO 80901

Test Ticket No. 1229  
Company Petroleum, Inc. Date 6/15/81  
Company Address 300 W. Douglas Suite 800 - Wichita No. of Charts 5  
Location: Sec. 7 Twp. 10 Rge. 20 Co. Rooks State Kansas  
Well Name And Number Temple #B-5 Tester Rod Lewis  
Contractor DNB Drlg. Rig No. #2 Co. Rep. John Emerson

Formation Arbuckle Zone \_\_\_\_\_ Type of Test Conventional

DST# 5 Interval 3,804 To 3,815 Total Depth 3,815  
Open 15 Shut In 30 Open 30 Shut In 60  
Packer(s) Set 7:43 <sup>XX</sup> P.M. Started off Bottom 10:00 <sup>XX</sup> P.M.  
Blow 1st Open: Very weak blow died in 10 min. 2nd Open: No blow,  
flushed tool in 11 min., good surge.

Recovery Total Feet 10  
Recovered 10 Ft. of Oil spotted mud.  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Gravity (Oil) \_\_\_\_\_ Corrected To Temp. \_\_\_\_\_ Water Chlorides \_\_\_\_\_

Pressures & Temp. Initial Hydrostatic Pressure 2,139 Final Hydrostatic Pressure 2,118  
Initial Closed In Pressure 185 Final Closed In Pressure 207  
Initial Flow Pressure 43 To 43 Final Flow Pressure 43 To 65  
Test Area Temperature 105 (Cal. Bottom chart #10992)

Engineering  
Date

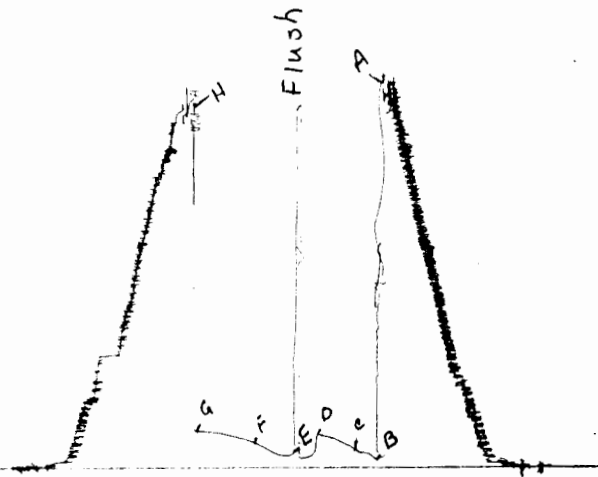
Elevation 2,224 K. B.  
Mud Viscosity 70 Mud Weight 10.3 Water Loss 8.9  
Chlorides 22,000 P.P.M. Type of Mud Starch Anchor Length 11  
Hole Size 7 7/8 Casing Size 8 5/8 Surface Choke 3/4 Bottom Choke 3/4  
Drill Pipe Length 2,767 I.D. 3.8 In. Weight Pipe Length 698 I.D. 2.76 In.  
Drill Collar Length \_\_\_\_\_ I.D. \_\_\_\_\_ In.  
Top Packer Depth. 3,799 Bottom Packer Depth. 3,804 Packer Size 6 3/4  
Test Tool Size 5 1/2 In. Tool Joint Size 4 1/2 XH \_\_\_\_\_ In.  
Did Well Flow No Reversed Out No  
Recorder Type and No. Kuster #10993 Clock Range No. #22347 12 Hr.  
Recorder Type and No. Kuster #10992 Clock Range No. #23935 12 Hr.  
Extra Equipment Jars - \$350.00  
Remarks Top clock stopped. Open Hole Test - \$660.00

Thank-you

Price of Job \$1,010.00

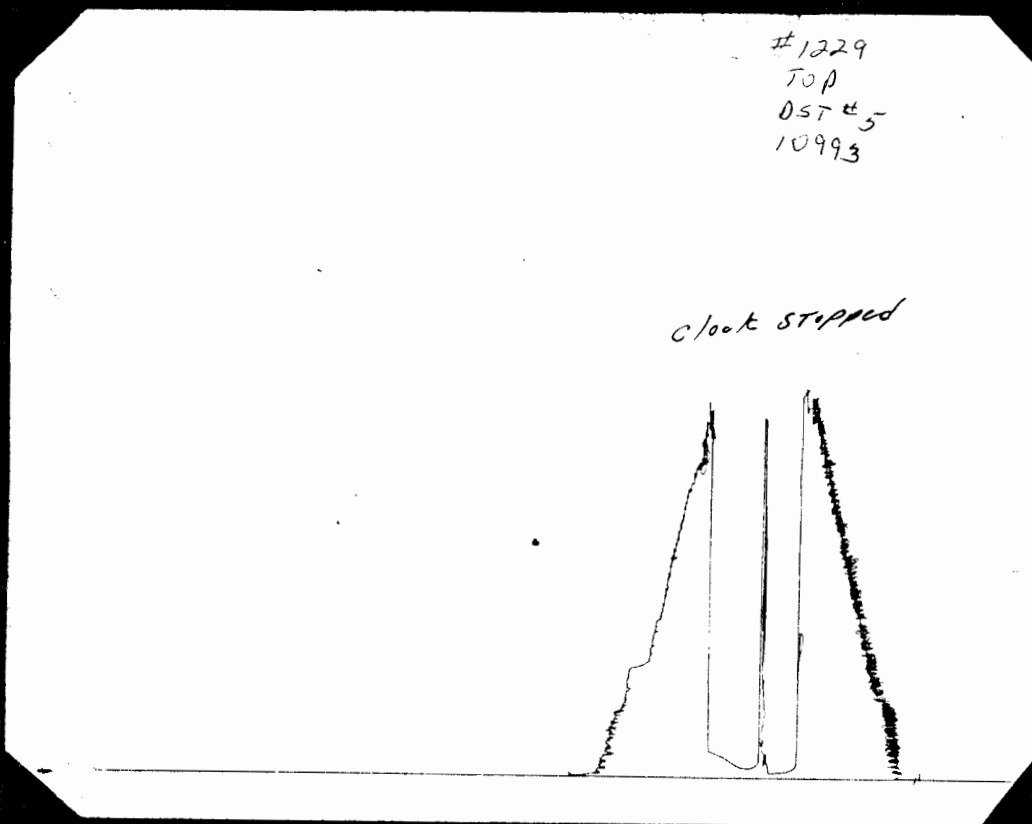
RECEIVED

#1229  
Bottom  
OST #5  
10992



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE      |                |     |
|----------------------------------|---------------|----------------|-----|
|                                  | Field Reading | Office Reading |     |
| (A) Initial Hydrostatic Mud      | 2,139         | 2,138          | PSI |
| (B) First Initial Flow Pressure  | 43            | 48             | PSI |
| (C) First Final Flow Pressure    | 43            | 90             | PSI |
| (D) Initial Closed-in Pressure   | 185           | 187            | PSI |
| (E) Second Initial Flow Pressure | 43            | 65             | PSI |
| (F) Second Final Flow Pressure   | 65            | 137            | PSI |
| (G) Final Closed-in Pressure     | 207           | 208            | PSI |
| (H) Final Hydrostatic Mud        | 2,118         | 2,059          | PSI |



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE      |                |
|----------------------------------|---------------|----------------|
|                                  | Field Reading | Office Reading |
| (A) Initial Hydrostatic Mud      | _____         | PSI            |
| (B) First Initial Flow Pressure  | _____         | PSI            |
| (C) First Final Flow Pressure    | _____         | PSI            |
| (D) Initial Closed-in Pressure   | _____         | PSI            |
| (E) Second Initial Flow Pressure | _____         | PSI            |
| (F) Second Final Flow Pressure   | _____         | PSI            |
| (G) Final Closed-in Pressure     | _____         | PSI            |
| (H) Final Hydrostatic Mud        | _____         | PSI            |

P.O. Box 2260  
Colorado Springs, Colorado 80901  
(303) 473-6909

Test Ticket No. 1229

Clock No. #22347 Elevation 2,224 K. B. Well Temperature 105 °F

| Point                          | Pressure |        | Field Time | Time Computed  |
|--------------------------------|----------|--------|------------|----------------|
| A Initial Hydrostatic Mud      | 2,138    | P.S.I. | 7:45 P M   |                |
| B First Initial Flow Pressure  | 48       | P.S.I. | 15         | Mins. Mins.    |
| C First Final Flow Pressure    | 90       | P.S.I. | 30         | Mins. Mins.    |
| D Initial Closed-in Pressure   | 187      | P.S.I. | 30         | Mins. Mins.    |
| E Second Initial Flow Pressure | 65       | P.S.I. | 60         | Mins. 45 Mins. |
| F Second Final Flow Pressure   | 137      | P.S.I. |            |                |
| G Final Closed-in Pressure     | 208      | P.S.I. |            |                |
| H Final Hydrostatic Mud        | 2,059    | P.S.I. |            |                |

|                                |                                |                                |                                |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>First Flow Pressure</b>     | <b>Initial Shut-In</b>         | <b>Second Flow Pressure</b>    | <b>Final Shut-In</b>           |
| Breakdown: <u>5</u> Inc.       | Breakdown: <u>10</u> Inc.      | Breakdown: <u>10</u> Inc.      | Breakdown: <u>15</u> Inc.      |
| of <u>3</u> mins. and a        | of <u>3</u> mins. and a        | of <u>3</u> mins. and a        | of <u>3</u> mins. and a        |
| final inc. of <u>    </u> Min. | final inc. of <u>    </u> Min. | final inc. of <u>    </u> Min. | final inc. of <u>    </u> Min. |

| Point<br>Mins. | Press. | Point<br>Minutes | Press. | Point<br>Minutes | Press. | Point<br>Minutes | Press. |
|----------------|--------|------------------|--------|------------------|--------|------------------|--------|
| P 1 00         | 48     | 00               | 90     | 00               | 65     | 00               | 137    |
| P 2 03         | 55     | 03               | 106    | 03               | 65     | 03               | 147    |
| P 3 06         | 76     | 06               | 121    | 06               | 65     | 06               | 155    |
| P 4 09         | 78     | 09               | 131    | 09               | 66     | 09               | 162    |
| P 5 12         | 82     | 12               | 142    | 12               | 69     | 12               | 168    |
| P 6 15         | 90     | 15               | 153    | 15               | 77     | 15               | 175    |
| P 7            |        | 18               | 164    | 18               | 89     | 18               | 181    |
| P 8            |        | 21               | 171    | 21               | 103    | 21               | 187    |
| P 9            |        | 24               | 177    | 24               | 116    | 24               | 192    |
| P10            |        | 27               | 184    | 27               | 127    | 27               | 196    |
| P11            |        | 30               | 187    | 30               | 137    | 30               | 198    |
| P12            |        |                  |        |                  |        | 33               | 201    |
| P13            |        |                  |        |                  |        | 36               | 204    |
| P14            |        |                  |        |                  |        | 39               | 206    |
| P15            |        |                  |        |                  |        | 42               | 208    |
| P16            |        |                  |        |                  |        | 45               | 208    |
| P17            |        |                  |        |                  |        |                  |        |
| P18            |        |                  |        |                  |        |                  |        |
| P19            |        |                  |        |                  |        |                  |        |
| P20            |        |                  |        |                  |        |                  |        |



# TEST REPORT

(303) 473-6909  
P.O. Box 2260  
Colorado Springs, CO 80901

Test Ticket No. 1230  
Company Petroleum, Inc. Date 6/16/81  
Company Address 300 W. Douglas Suite 800 - Wichita No. of Charts 5  
Location: Sec. 7 Twp. 10 Rge. 20 Co. Rooks State Kansas  
Well Name And Number Temple #B-5 Tester Rod Lewis  
Contractor DNB Drlg. Rig No. #2 Co. Rep. John Emerson

Formation Arbuckle Zone \_\_\_\_\_ Type of Test Conventional

DST# 6 Interval 3,814 To 3,825 Total Depth 3,825  
Open 15 Shut In 30 Open 30 Shut In 60  
Packer(s) Set 9:13 <sup>AM</sup> Started off Bottom 11:30 <sup>PM</sup>  
Blow 1st Open: Very weak blow throughout open. 2nd Open: No blow,  
flushed tool in 10 min., good surge.

Recovery Total Feet 20  
Recovered 20 Ft. of Oil specked drilling mud.  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Gravity (Oil) \_\_\_\_\_ Corrected To Temp. \_\_\_\_\_ Water Chlorides \_\_\_\_\_

Pressures & Temp. Initial Hydrostatic Pressure 2,111 Final Hydrostatic Pressure 2,089  
Initial Closed In Pressure 260 Final Closed In Pressure 228  
Initial Flow Pressure 32 To 32 Final Flow Pressure 32 To 32  
Test Area Temperature 106  
(Office Reading If Applicable)

Engineering Date Elevation 2,224 K. B.  
Mud Viscosity 70 Mud Weight 10.3 Water Loss 12.6  
Chlorides 21,800 P.P.M. Type of Mud Starch Anchor Length 11  
Hole Size 7 7/8 Casing Size 8 5/8 Surface Choke 3/4 Bottom Choke 3/4  
Drill Pipe Length 2,777 I.D. 3.8 In. Weight Pipe Length 698 I.D. 2.76 In.  
Drill Collar Length \_\_\_\_\_ I.D. \_\_\_\_\_ In.  
Top Packer Depth. 3,809 Bottom Packer Depth. 3,814 Packer Size 6 3/4  
Test Tool Size 5 1/2 In. Tool Joint Size 4 1/2 XH In.  
Did Well Flow No Reversed Out No  
Recorder Type and No. Kuster #10993 Clock Range No. #23839 12 Hr.  
Recorder Type and No. Kuster #10992 Clock Range No. #23935 12 Hr.  
Extra Equipment Jars - \$350.00  
Remarks Anchor plugging during flow periods on bottom chart.  
Open Hole Test - \$660.00

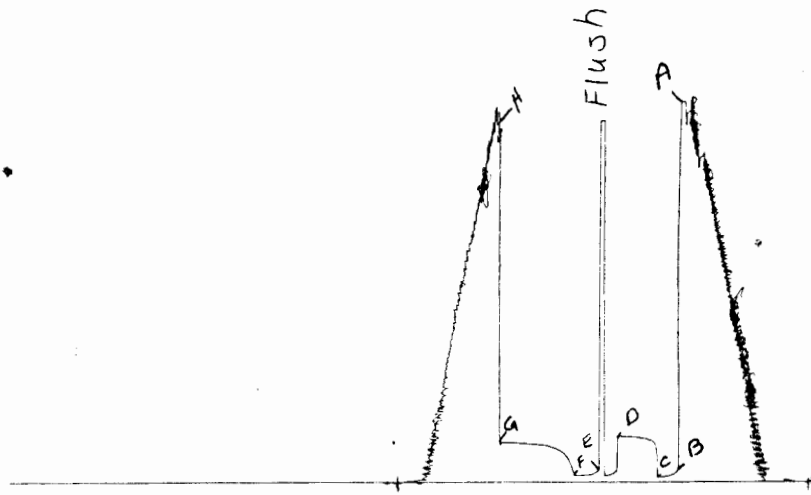
Thank-you

Price of Job \$1,010.00

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#1230  
Top  
DST #6  
10993



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE      |                |
|----------------------------------|---------------|----------------|
|                                  | Field Reading | Office Reading |
| (A) Initial Hydrostatic Mud      | 2,111         | 2,105 PSI      |
| (B) First Initial Flow Pressure  | 32            | 28 PSI         |
| (C) First Final Flow Pressure    | 32            | 28 PSI         |
| (D) Initial Closed-in Pressure   | 260           | 256 PSI        |
| (E) Second Initial Flow Pressure | 32            | 40 PSI         |
| (F) Second Final Flow Pressure   | 32            | 40 PSI         |
| (G) Final Closed-in Pressure     | 228           | 224 PSI        |
| (H) Final Hydrostatic Mud        | 2,089         | 2,004 PSI      |

#2230

Bottom

OST#6

10992

*slight Anchor Plugging*



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE         |                   |
|----------------------------------|------------------|-------------------|
|                                  | Field<br>Reading | Office<br>Reading |
| (A) Initial Hydrostatic Mud      | _____            | PSI               |
| (B) First Initial Flow Pressure  | _____            | PSI               |
| (C) First Final Flow Pressure    | _____            | PSI               |
| (D) Initial Closed-in Pressure   | _____            | PSI               |
| (E) Second Initial Flow Pressure | _____            | PSI               |
| (F) Second Final Flow Pressure   | _____            | PSI               |
| (G) Final Closed-in Pressure     | _____            | PSI               |
| (H) Final Hydrostatic Mud        | _____            | PSI               |

# CRUDE OIL TESTING COMPANY

P.O. Box 2260  
Colorado Springs, Colorado 80901  
(303) 473-6909

Date 6/16/81 Test Ticket No. 1230  
Recorder No. Kuster AK-1 #10993 Capacity 4,250 PSI Location 3,815 Ft.  
Clock No. #23839 Elevation 2,224 K. B. Well Temperature 106 °F

| Point                          | Pressure            | Open Tool                  | Field Time       | Time Computed   |
|--------------------------------|---------------------|----------------------------|------------------|-----------------|
| A Initial Hydrostatic Mud      | <u>2,105</u> P.S.I. |                            | <u>9:15</u> A.M. |                 |
| B First Initial Flow Pressure  | <u>28</u> P.S.I.    | First Flow Pressure        | <u>15</u> Mins.  | Mins.           |
| C First Final Flow Pressure    | <u>28</u> P.S.I.    | Initial Closed-in Pressure | <u>30</u> Mins.  | Mins.           |
| D Initial Closed-in Pressure   | <u>256</u> P.S.I.   | Second Flow Pressure       | <u>30</u> Mins.  | <u>18</u> Mins. |
| E Second Initial Flow Pressure | <u>40</u> P.S.I.    | Final Closed-in Pressure   | <u>60</u> Mins.  | <u>54</u> Mins. |
| F Second Final Flow Pressure   | <u>40</u> P.S.I.    |                            |                  |                 |
| G Final Closed-in Pressure     | <u>224</u> P.S.I.   |                            |                  |                 |
| H Final Hydrostatic Mud        | <u>2,004</u> P.S.I. |                            |                  |                 |

## PRESSURE BREAKDOWN

First Flow Pressure  
Breakdown: 5 Inc.  
of 3 mins. and a  
final inc. of      Min.

Initial Shut-In  
Breakdown: 10 Inc.  
of 3 mins. and a  
final inc. of      Min.

Second Flow Pressure  
Breakdown: 6 Inc.  
of 3 mins. and a  
final inc. of      Min.

Final Shut-In  
Breakdown: 18 Inc.  
of 3 mins. and a  
final inc. of      Min.

| Point Mins.     | Press.    | Point Minutes | Press.     | Point Minutes | Press.    | Point Minutes | Press.     |
|-----------------|-----------|---------------|------------|---------------|-----------|---------------|------------|
| P 1 <u>00</u>   | <u>28</u> | <u>00</u>     | <u>28</u>  | <u>00</u>     | <u>40</u> | <u>00</u>     | <u>40</u>  |
| P 2 <u>03</u>   | <u>28</u> | <u>03</u>     | <u>216</u> | <u>03</u>     | <u>40</u> | <u>03</u>     | <u>98</u>  |
| P 3 <u>06</u>   | <u>28</u> | <u>06</u>     | <u>232</u> | <u>06</u>     | <u>40</u> | <u>06</u>     | <u>140</u> |
| P 4 <u>09</u>   | <u>28</u> | <u>09</u>     | <u>240</u> | <u>09</u>     | <u>40</u> | <u>09</u>     | <u>165</u> |
| P 5 <u>12</u>   | <u>28</u> | <u>12</u>     | <u>245</u> | <u>12</u>     | <u>40</u> | <u>12</u>     | <u>182</u> |
| P 6 <u>15</u>   | <u>28</u> | <u>15</u>     | <u>248</u> | <u>15</u>     | <u>40</u> | <u>15</u>     | <u>193</u> |
| P 7 <u>    </u> |           | <u>18</u>     | <u>252</u> | <u>18</u>     | <u>40</u> | <u>18</u>     | <u>198</u> |
| P 8 <u>    </u> |           | <u>21</u>     | <u>252</u> |               |           | <u>21</u>     | <u>207</u> |
| P 9 <u>    </u> |           | <u>24</u>     | <u>253</u> |               |           | <u>24</u>     | <u>209</u> |
| P10 <u>    </u> |           | <u>27</u>     | <u>255</u> |               |           | <u>27</u>     | <u>211</u> |
| P11 <u>    </u> |           | <u>30</u>     | <u>256</u> |               |           | <u>30</u>     | <u>215</u> |
| P12 <u>    </u> |           |               |            |               |           | <u>33</u>     | <u>216</u> |
| P13 <u>    </u> |           |               |            |               |           | <u>36</u>     | <u>218</u> |
| P14 <u>    </u> |           |               |            |               |           | <u>39</u>     | <u>220</u> |
| P15 <u>    </u> |           |               |            |               |           | <u>42</u>     | <u>221</u> |
| P16 <u>    </u> |           |               |            |               |           | <u>45</u>     | <u>223</u> |
| P17 <u>    </u> |           |               |            |               |           | <u>48</u>     | <u>223</u> |
| P18 <u>    </u> |           |               |            |               |           | <u>51</u>     | <u>224</u> |
| P19 <u>    </u> |           |               |            |               |           | <u>54</u>     | <u>224</u> |
| P20 <u>    </u> |           |               |            |               |           |               |            |



# TEST REPORT

(303) 473-6909  
P.O. Box 2260  
Colorado Springs, CO 80901

Test Ticket No. 1231  
Company Petroleum, Inc. Date 6/16/81  
Company Address 300 W. Douglas Suite 800 - Wichita No. of Charts 5  
Location: Sec. 7 Twp. 10 Rge. 20 Co. Rooks State Kansas  
Well Name And Number Temple #B-5 Tester Rod Lewis  
Contractor DNB Drlg. Rig No. #2 Co. Rep. John Emerson

Formation Arbuckle Zone \_\_\_\_\_ Type of Test Conventional

DST# 7 Interval 3,825 To 3,835 Total Depth 3,935  
Open 15 Shut In 30 Open 30 Shut In 60  
Packer(s) Set 8:43 <sup>AM</sup> Started off Bottom 11:00 <sup>PM</sup>  
Blow Very weak blow throughout both flow periods. (1/4" - 1/2")

Recovery Total Feet 70  
Recovered 70 Ft. of Watery mud with few oil spots.  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ Ft. of \_\_\_\_\_  
Gravity (Oil) \_\_\_\_\_ Corrected To Temp. \_\_\_\_\_ Water Chlorides 29,000

Pressures & Temp. Initial Hydrostatic Pressure 2,121 Final Hydrostatic Pressure 2,100  
Initial Closed In Pressure 282 Final Closed In Pressure 282  
Initial Flow Pressure 43 To 43 Final Flow Pressure 65 To 65  
Test Area Temperature 108  
(Office Reading If Applicable)

Engineering Date Elevation 2,224 K. B.  
Mud Viscosity 70 Mud Weight 10.3 Water Loss 12.6  
Chlorides 21,800 P.P.M. Type of Mud Starch Anchor Length 10  
Hole Size 7 7/8 Casing Size 8 5/8 Surface Choke 3/4 Bottom Choke 3/4  
Drill Pipe Length 2,787 I.D. 3.8 In. Weight Pipe Length 698 I.D. 2.76 In.  
Drill Collar Length \_\_\_\_\_ I.D. \_\_\_\_\_ In.  
Top Packer Depth. 3,820 Bottom Packer Depth. 3,825 Packer Size 6 3/4  
Test Tool Size 5 1/2 In. Tool Joint Size 4 1/2 XH In.  
Did Well Flow No Reversed Out No  
Recorder Type and No. Kuster #10993 Clock Range No. #23839 12 Hr.  
Recorder Type and No. Kuster #10992 Clock Range No. #23935 12 Hr.  
Extra Equipment Jars - \$350.00  
Remarks Open Hole Test - \$660.00

Thank-you

Price of Job \$1,010.00

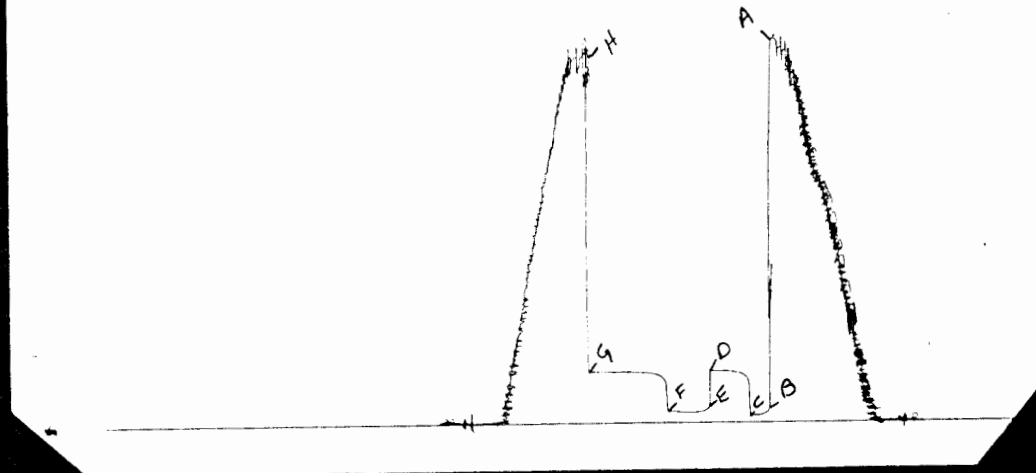
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1981

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#1231  
Top  
DST#7  
10993

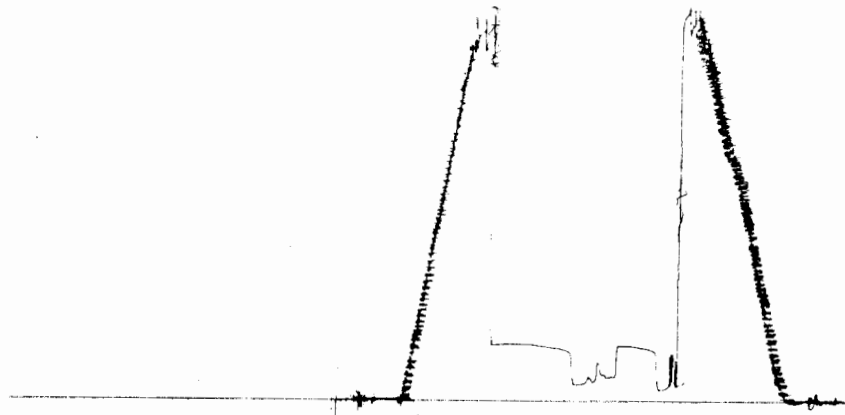


This is an actual photograph of recorder chart.

| POINT                            | PRESSURE      |                |     |
|----------------------------------|---------------|----------------|-----|
|                                  | Field Reading | Office Reading |     |
| (A) Initial Hydrostatic Mud      | 2,121         | 2,117          | PSI |
| (B) First Initial Flow Pressure  | 43            | 40             | PSI |
| (C) First Final Flow Pressure    | 43            | 40             | PSI |
| (D) Initial Closed-in Pressure   | 282           | 287            | PSI |
| (E) Second Initial Flow Pressure | 65            | 60             | PSI |
| (F) Second Final Flow Pressure   | 65            | 64             | PSI |
| (G) Final Closed-in Pressure     | 282           | 290            | PSI |
| (H) Final Hydrostatic Mud        | 2,100         | 2,036          | PSI |

#1231  
Bottom  
OST#7  
10992

*Slight Anchor Plugging.*



This is an actual photograph of recorder chart.

| POINT                            | PRESSURE         |                   |
|----------------------------------|------------------|-------------------|
|                                  | Field<br>Reading | Office<br>Reading |
| (A) Initial Hydrostatic Mud      | .....            | PSI               |
| (B) First Initial Flow Pressure  | .....            | PSI               |
| (C) First Final Flow Pressure    | .....            | PSI               |
| (D) Initial Closed-in Pressure   | .....            | PSI               |
| (E) Second Initial Flow Pressure | .....            | PSI               |
| (F) Second Final Flow Pressure   | .....            | PSI               |
| (G) Final Closed-in Pressure     | .....            | PSI               |
| (H) Final Hydrostatic Mud        | .....            | PSI               |

# CRUDE OIL TESTING COMPANY

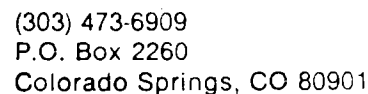
P.O. Box 2260  
Colorado Springs, Colorado 80901  
(303) 473-6909

Date 6/16/81 Test Ticket No. 1231  
Recorder No. Kuster AK-1 #10993 Capacity 4,250 PSI Location 3,825 Ft.  
Clock No. #23839 Elevation 2,224 K. B. Well Temperature 108 °F

| Point                          | Pressure     | Field Time | Time Computed |
|--------------------------------|--------------|------------|---------------|
| A Initial Hydrostatic Mud      | 2,117 P.S.I. | 8:45 P M   |               |
| B First Initial Flow Pressure  | 40 P.S.I.    | 15 Mins.   | Mins.         |
| C First Final Flow Pressure    | 40 P.S.I.    | 30 Mins.   | Mins.         |
| D Initial Closed-in Pressure   | 287 P.S.I.   | 30 Mins.   | Mins.         |
| E Second Initial Flow Pressure | 60 P.S.I.    | 60 Mins.   | Mins.         |
| F Second Final Flow Pressure   | 64 P.S.I.    |            |               |
| G Final Closed-in Pressure     | 290 P.S.I.   |            |               |
| H Final Hydrostatic Mud        | 2,036 P.S.I. |            |               |

## PRESSURE BREAKDOWN

| First Flow Pressure |             | Initial Shut-In |             | Second Flow Pressure |             | Final Shut-In |             |
|---------------------|-------------|-----------------|-------------|----------------------|-------------|---------------|-------------|
| Breakdown:          | Inc.        | Breakdown:      | Inc.        | Breakdown:           | Inc.        | Breakdown:    | Inc.        |
| of                  | mins. and a | of              | mins. and a | of                   | mins. and a | of            | mins. and a |
| final inc. of       | Min.        | final inc. of   | Min.        | final inc. of        | Min.        | final inc. of | Min.        |
| Point Mins.         | Press.      | Point Minutes   | Press.      | Point Minutes        | Press.      | Point Minutes | Press.      |
| P 1 00              | 40          | 00              | 40          | 00                   | 60          | 00            | 64          |
| P 2 03              | 40          | 03              | 254         | 03                   | 60          | 03            | 227         |
| P 3 06              | 40          | 06              | 269         | 06                   | 60          | 06            | 258         |
| P 4 09              | 40          | 09              | 276         | 09                   | 60          | 09            | 269         |
| P 5 12              | 40          | 12              | 281         | 12                   | 60          | 12            | 277         |
| P 6 15              | 40          | 15              | 284         | 15                   | 60          | 15            | 279         |
| P 7                 |             | 18              | 285         | 18                   | 60          | 18            | 281         |
| P 8                 |             | 21              | 286         | 21                   | 60          | 21            | 282         |
| P 9                 |             | 24              | 286         | 24                   | 63          | 24            | 284         |
| P 10                |             | 27              | 287         | 27                   | 64          | 27            | 286         |
| P 11                |             | 30              | 287         | 30                   | 64          | 30            | 287         |
| P 12                |             |                 |             |                      |             | 33            | 289         |
| P 13                |             |                 |             |                      |             | 36            | 289         |
| P 14                |             |                 |             |                      |             | 39            | 289         |
| P 15                |             |                 |             |                      |             | 42            | 289         |
| P 16                |             |                 |             |                      |             | 45            | 289         |
| P 17                |             |                 |             |                      |             | 48            | 289         |
| P 18                |             |                 |             |                      |             | 51            | 289         |
| P 19                |             |                 |             |                      |             | 54            | 290         |
| P 20                |             |                 |             |                      |             | 57            | 290         |
|                     |             |                 |             |                      |             | 60            | 290         |



DST# 7  
STATE: Kansas

**VISUAL DST RECOVERY:** 70' Watery mud with oil spots.

|             |    |
|-------------|----|
| TOTAL FLUID | 70 |
|-------------|----|