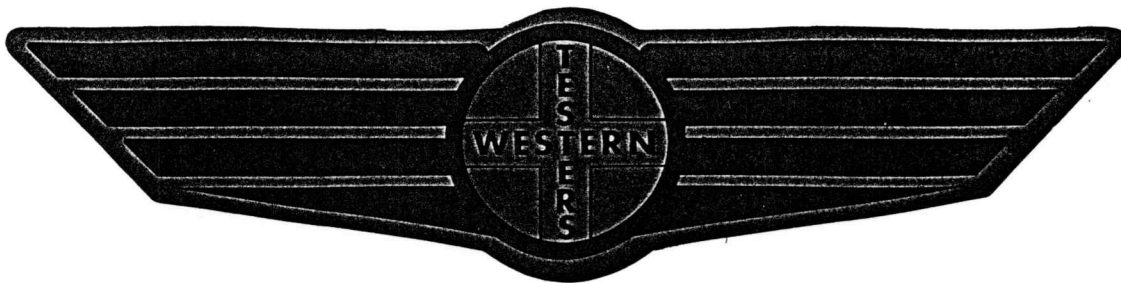


# FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone 1 - 800-688-7021

COMPANY RANGE OIL COMPANY, INC. LEASE & WELL NO. PATTESON BROS. 2 SEC. 11 TWP. 32S RGE. 9E TEST NO. 1 DATE 5-23-91

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

|           |   |                        |            |       |                |    |
|-----------|---|------------------------|------------|-------|----------------|----|
| DATE      | : | 5-23-91                | TICKET     | :     | 17068          |    |
| CUSTOMER  | : | RANGE OIL COMPANY INC. | LEASE      | :     | PATTESON BROS. |    |
| WELL      | : | 2                      | TEST:      | :     | 1              |    |
| ELEVATION | : | 1170 GL                | GEOLOGIST  | :     | BLAIR          |    |
| SECTION   | : | 11                     | FORMATION  | :     | LAYTON         |    |
| RANGE     | : | 9E                     | TOWNSHIP   | :     | 32S            |    |
| GAUGE SN# | : | 3659                   | STATE      | :     | KANSAS         |    |
|           |   | COUNTY :               | CHAUTAUQUA |       |                |    |
|           |   | RANGE :                | 4000       | CLOCK | :              | 12 |

|                         |   |      |      |   |      |             |   |      |
|-------------------------|---|------|------|---|------|-------------|---|------|
| INTERVAL FROM           | : | 1436 | TO   | : | 1475 | TOTAL DEPTH | : | 1475 |
| DEPTH OF SELECTIVE ZONE | : |      |      |   |      |             |   |      |
| PACKER DEPTH            | : | 1436 | SIZE | : | 6.63 |             |   |      |
| PACKER DEPTH            | : | 1431 | SIZE | : | 6.63 |             |   |      |
| PACKER DEPTH            | : |      | SIZE | : |      |             |   |      |
| PACKER DEPTH            | : |      | SIZE | : |      |             |   |      |

|                 |   |                 |                 |   |      |
|-----------------|---|-----------------|-----------------|---|------|
| DRILLING CON.   | : | RED TIGER RIG 3 |                 |   |      |
| MUD TYPE        | : | CHEMICAL        | VISCOSITY       | : | 53   |
| WEIGHT          | : | 9.5             | WATER LOSS (CC) | : | 10.4 |
| CHLORIDES (PPM) | : | 1200            |                 |   |      |
| JARS-MAKE       | : |                 | SERIAL NUMBER   | : |      |
| DID WELL FLOW ? | : | NO              | REVERSED OUT ?  | : | NO   |

|                     |   |       |    |                   |   |       |
|---------------------|---|-------|----|-------------------|---|-------|
| DRILL COLLAR LENGTH | : | 122   | FT | I.D. inch         | : | 2.20  |
| WEIGHT PIPE LENGTH  | : | 630   | FT | I.D. inch         | : | 2.70  |
| DRILL PIPE LENGTH   | : | 664   | FT | I.D. inch         | : | 3.80  |
| TEST TOOL LENGTH    | : | 20    | FT | TOOL SIZE         | : | 5.50  |
| ANCHOR LENGTH       | : | 39    | FT | ANCHOR SIZE       | : | 5.50  |
| SURFACE CHOKE SIZE  | : | .75   | IN | BOTTOM CHOKE SIZE | : | .75   |
| MAIN HOLE SIZE      | : | 7.875 | IN | TOOL JOINT SIZE   | : | 4.5XH |

|                 |   |                                          |
|-----------------|---|------------------------------------------|
| BLOW COMMENT #1 | : | INITIAL FLOW PERIOD STRONG OFF BOTTOM OF |
| BLOW COMMENT #2 | : | BUCKET IN 1 MINUTE.                      |
| BLOW COMMENT #3 | : | FINAL FLOW PERIOD STRONG OFF BOTTOM OF   |
| BLOW COMMENT #4 | : | BUCKET IN 4 MINUTES.                     |

RECOVERED : 310 FT OF: GASSY MUDDY WATER  
RECOVERED : 0 FT OF: CHLORIDES 55000 P.P.M.

Total Barrels Fluid = 1.90  
Total Fluid Prod Rate = 30.48 BFPD  
Indicated Wtr Rate = 15.24 BWPD

REMARK 1 :  
REMARK 2 :  
REMARK 3 :  
REMARK 4 :

SET PACKER(S) : 5:05 P.M.

TIME STARTED OFF BOTTOM : 8:05 P.M.

WELL TEMPERATURE : 98

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 30

FINAL FLOW PERIOD MIN: 60

FINAL CLOSED IN PERIOD MIN: 60

FINAL HYDROSTATIC PRESSURE

(A) 751

(B) 72 PSI TO (C) : 92

(D) 447

(E) 148 PSI TO (F) : 194

(G) 460

(H) 730

WESTERN TESTING CO. INC.  
WICHITA-KANSAS

Pressure Transient Report  
-----

COMPANY : RANGE OIL COMPANY INC.  
RIG : CHAUTAUQUA-KANSAS  
FIELD : PATTESON BROS.  
WELL : 2  
DATE : 5-23-91  
GAUGE NO : 3659

OPERATIONAL COMMENTS

COMPANY : RANGE OIL COMPANY INC.  
WELL : 2  
GAUGE # : 3659  
DATE : 23/ 5/91

FIELD : PATTESON BROS.  
JOB # : 17068  
DEPTH : 1475  
TEST :

| DATA<br>No.            | REAL TIME<br>HR:MN:SS | ELAPSE TIME<br>DELTA HOURS | PRESSURE<br>PSIG | TEMP<br>DEG F | DELTA P<br>Pi-P(i-1) |
|------------------------|-----------------------|----------------------------|------------------|---------------|----------------------|
| -----                  |                       |                            |                  |               |                      |
| INITIAL FLOW PERIOD    |                       |                            |                  |               |                      |
| 2                      | 5: 5: 0               | 0.000                      | 72.000           | 98.00         | 0.000                |
| 3                      | 5: 9:59               | 0.083                      | 72.000           | 98.00         | 0.000                |
| 4                      | 5:15: 0               | 0.167                      | 75.000           | 98.00         | 3.000                |
| 5                      | 5:20: 0               | 0.250                      | 79.000           | 98.00         | 4.000                |
| 6                      | 5:24:59               | 0.333                      | 82.000           | 98.00         | 3.000                |
| 7                      | 5:30: 0               | 0.417                      | 87.000           | 98.00         | 5.000                |
| 8                      | 5:35: 0               | 0.500                      | 92.000           | 98.00         | 5.000                |
| INITIAL SHUT-IN PERIOD |                       |                            |                  |               |                      |
| 9                      | 5:38: 0               | 0.550                      | 182.000          | 98.00         | 90.000               |
| 10                     | 5:41: 0               | 0.600                      | 290.000          | 98.00         | 108.000              |
| 11                     | 5:44: 0               | 0.650                      | 349.000          | 98.00         | 59.000               |
| 12                     | 5:47: 0               | 0.700                      | 379.000          | 98.00         | 30.000               |
| 13                     | 5:50: 0               | 0.750                      | 400.000          | 98.00         | 21.000               |
| 14                     | 5:53: 0               | 0.800                      | 413.000          | 98.00         | 13.000               |
| 15                     | 5:56: 0               | 0.850                      | 424.000          | 98.00         | 11.000               |
| 16                     | 5:59: 0               | 0.900                      | 434.000          | 98.00         | 10.000               |
| 17                     | 6: 2: 0               | 0.950                      | 442.000          | 98.00         | 8.000                |
| 18                     | 6: 5: 0               | 1.000                      | 447.000          | 98.00         | 5.000                |
| FINAL FLOW PERIOD      |                       |                            |                  |               |                      |
| 19                     | 6: 6: 0               | 1.017                      | 148.000          | 98.00         | -299.000             |
| 20                     | 6: 9:59               | 1.083                      | 148.000          | 98.00         | 0.000                |
| 21                     | 6:15: 0               | 1.167                      | 148.000          | 98.00         | 0.000                |
| 22                     | 6:20: 0               | 1.250                      | 152.000          | 98.00         | 4.000                |
| 23                     | 6:24:59               | 1.333                      | 157.000          | 98.00         | 5.000                |
| 24                     | 6:30: 0               | 1.417                      | 161.000          | 98.00         | 4.000                |
| 25                     | 6:35: 0               | 1.500                      | 163.000          | 98.00         | 2.000                |
| 26                     | 6:39:59               | 1.583                      | 168.000          | 98.00         | 5.000                |
| 27                     | 6:45: 0               | 1.667                      | 172.000          | 98.00         | 4.000                |
| 28                     | 6:50: 0               | 1.750                      | 179.000          | 98.00         | 7.000                |
| 29                     | 6:54:59               | 1.833                      | 184.000          | 98.00         | 5.000                |
| 30                     | 7: 0: 0               | 1.917                      | 191.000          | 98.00         | 7.000                |
| 31                     | 7: 5: 0               | 2.000                      | 194.000          | 98.00         | 3.000                |
| FINAL SHUT-IN PERIOD   |                       |                            |                  |               |                      |
| 32                     | 7: 8: 0               | 2.050                      | 279.000          | 98.00         | 85.000               |
| 33                     | 7:11: 0               | 2.100                      | 327.000          | 98.00         | 48.000               |
| 34                     | 7:14: 0               | 2.150                      | 356.000          | 98.00         | 29.000               |
| 35                     | 7:17: 0               | 2.200                      | 378.000          | 98.00         | 22.000               |
| 36                     | 7:20: 0               | 2.250                      | 394.000          | 98.00         | 16.000               |
| 37                     | 7:23: 0               | 2.300                      | 404.000          | 98.00         | 10.000               |
| 38                     | 7:26: 0               | 2.350                      | 416.000          | 98.00         | 12.000               |
| 39                     | 7:29: 0               | 2.400                      | 423.000          | 98.00         | 7.000                |
| 40                     | 7:32: 0               | 2.450                      | 429.000          | 98.00         | 6.000                |
| 41                     | 7:35: 0               | 2.500                      | 432.000          | 98.00         | 3.000                |
| 42                     | 7:38: 0               | 2.550                      | 436.000          | 98.00         | 4.000                |
| 43                     | 7:41: 0               | 2.600                      | 441.000          | 98.00         | 5.000                |
| 44                     | 7:44: 0               | 2.650                      | 445.000          | 98.00         | 4.000                |
| 45                     | 7:47: 0               | 2.700                      | 449.000          | 98.00         | 4.000                |
| 46                     | 7:50: 0               | 2.750                      | 452.000          | 98.00         | 3.000                |
| 47                     | 7:53: 0               | 2.800                      | 454.000          | 98.00         | 2.000                |
| 48                     | 7:56: 0               | 2.850                      | 456.000          | 98.00         | 2.000                |

COMPANY : RANGE OIL COMPANY INC.  
WELL : 2  
GAUGE # : 3659  
DATE : 23/ 5/91

FIELD : PATTESON BROS.  
JOB # : 17068  
DEPTH : 1475  
TEST :

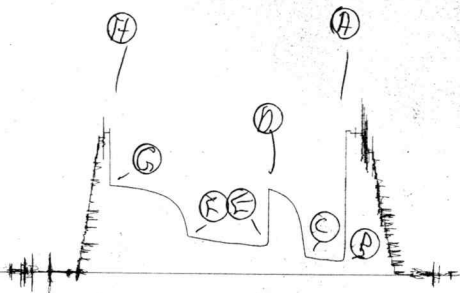
| DATA<br>No. | REAL TIME<br>HR:MN:SS | ELAPSE TIME<br>DELTA HOURS | PRESSURE<br>PSIG | TEMP<br>DEG F | DELTA P<br>Pi-P(i-1) |
|-------------|-----------------------|----------------------------|------------------|---------------|----------------------|
| 49          | 7:59: 0               | 2.900                      | 458.000          | 98.00         | 2.000                |
| 50          | 8: 2: 0               | 2.950                      | 459.000          | 98.00         | 1.000                |
| 51          | 8: 5: 0               | 3.000                      | 460.000          | 98.00         | 1.000                |

WESTERN TESTING CO. INC.

3659

KT 17068

7



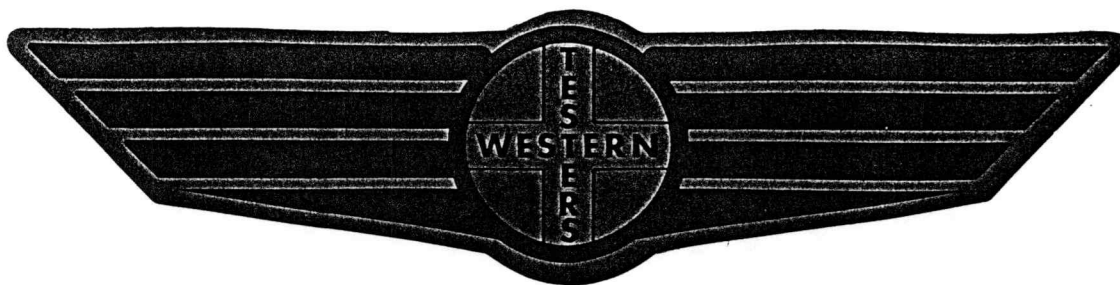
4339

KT 17068

O



# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone **1 - 800-688-7021**

COMPANY RANGE OIL COMPANY, INC. LEASE & WELL NO. PATTESON BROS #2 SEC. 11 TWP. 32S RGE. 9E TEST NO. 2 DATE 5/25/91

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

|           |   |                        |            |       |                 |    |
|-----------|---|------------------------|------------|-------|-----------------|----|
| DATE      | : | 5-25-91                | TICKET     | :     | 17078           |    |
| CUSTOMER  | : | RANGE OIL COMPANY INC. | LEASE      | :     | PATTESON BROS.  |    |
| WELL      | : | 2                      | TEST:      | :     | 2               |    |
| ELEVATION | : | 1175 KB                | GEOLOGIST  | :     | BLAIR           |    |
| SECTION   | : | 11                     | FORMATION  | :     | FT.SC. & PAWNEE |    |
| RANGE     | : | 9E                     | TOWNSHIP   | :     | 32S             |    |
| GAUGE SN# | : | 10979                  | STATE      | :     | KANSAS          |    |
|           |   | COUNTY :               | CHAUTAUQUA | CLOCK | :               | 12 |
|           |   | RANGE :                | 4100       |       |                 |    |

|                         |   |      |      |   |      |             |   |      |
|-------------------------|---|------|------|---|------|-------------|---|------|
| INTERVAL FROM           | : | 1852 | TO   | : | 1900 | TOTAL DEPTH | : | 1900 |
| DEPTH OF SELECTIVE ZONE | : |      |      |   |      |             |   |      |
| PACKER DEPTH            | : | 1847 | SIZE | : | 6.63 |             |   |      |
| PACKER DEPTH            | : | 1852 | SIZE | : | 6.63 |             |   |      |
| PACKER DEPTH            | : |      | SIZE | : |      |             |   |      |
| PACKER DEPTH            | : |      | SIZE | : |      |             |   |      |

|                 |   |                 |                 |   |      |
|-----------------|---|-----------------|-----------------|---|------|
| DRILLING CON.   | : | RED TIGER RIG 3 |                 |   |      |
| MUD TYPE        | : | CHEMICAL        | VISCOSITY       | : | 55   |
| WEIGHT          | : | 9.7             | WATER LOSS (CC) | : | 10.0 |
| CHLORIDES (PPM) | : | 1700            |                 |   |      |
| JARS-MAKE       | : |                 | SERIAL NUMBER   | : |      |
| DID WELL FLOW ? | : | NO              | REVERSED OUT ?  | : | NO   |

|                     |   |       |    |                   |   |       |
|---------------------|---|-------|----|-------------------|---|-------|
| DRILL COLLAR LENGTH | : | 0     | FT | I.D. inch         | : | 0.00  |
| WEIGHT PIPE LENGTH  | : | 600   | FT | I.D. inch         | : | 2.80  |
| DRILL PIPE LENGTH   | : | 1232  | FT | I.D. inch         | : | 3.80  |
| TEST TOOL LENGTH    | : | 20    | FT | TOOL SIZE         | : | 5.50  |
| ANCHOR LENGTH       | : | 48    | FT | ANCHOR SIZE       | : | 5.50  |
| SURFACE CHOKE SIZE  | : | .75   | IN | BOTTOM CHOKE SIZE | : | .75   |
| MAIN HOLE SIZE      | : | 7.875 | IN | TOOL JOINT SIZE   | : | 4.5XH |

|                 |   |                                             |
|-----------------|---|---------------------------------------------|
| BLOW COMMENT #1 | : | INITIAL FLOW PERIOD STRONG BLOW DIMINISHING |
| BLOW COMMENT #2 | : | TO A WEAK BLOW.                             |
| BLOW COMMENT #3 | : | FINAL FLOW PERIOD NO BLOW.                  |
| BLOW COMMENT #4 | : |                                             |

RECOVERED : 65 FT OF: DRILLING MUD

Total Barrels Fluid = 0.50  
Total Fluid Prod Rate = 11.88 BFPD  
Indicated Wtr Rate = 1.19 BWPD

REMARK 1 : MIS RUN  
REMARK 2 :  
REMARK 3 :  
REMARK 4 :

SET PACKER(S) : 5:00 A.M.

TIME STARTED OFF BOTTOM : 7:00 A.M.

WELL TEMPERATURE : 97

INITIAL HYDROSTATIC PRESSURE

(A) 968

INITIAL FLOW PERIOD MIN: 30

(B) 89 PSI TO (C) : 690

INITIAL CLOSED IN PERIOD MIN: 30

(D) 737

FINAL FLOW PERIOD MIN: 30

(E) 737 PSI TO (F) : 740

FINAL CLOSED IN PERIOD MIN: 33

(G) 744

FINAL HYDROSTATIC PRESSURE

(H) 968

WESTERN TESTING CO. INC.  
WICHITA-KANSAS

Pressure Transient Report  
-----

COMPANY : RANGE OIL COMPANY INC.  
RIG : CHAUTAUQUA-KANSAS  
FIELD : PATTESON BROS.  
WELL : 2  
DATE : 5-25-91  
GAUGE NO : 10979

OPERATIONAL COMMENTS

MIS RUN

COMPANY : RANGE OIL COMPANY INC.  
WELL : 2  
GAUGE # : 10979  
DATE : 25/ 5/91

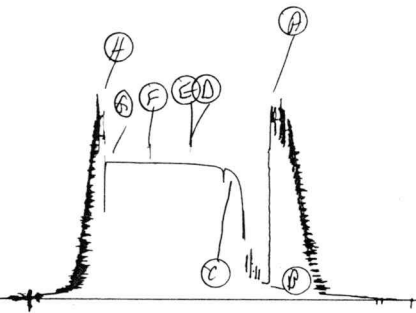
FIELD : PATTESON BROS.  
JOB # : 17078  
DEPTH : 1900  
TEST : MIS RUN

| DATA<br>No.            | REAL TIME<br>HR:MN:SS | ELAPSE TIME<br>DELTA HOURS | PRESSURE<br>PSIG | TEMP<br>DEG F | DELTA P<br>Pi-P(i-1) |
|------------------------|-----------------------|----------------------------|------------------|---------------|----------------------|
| INITIAL FLOW PERIOD    |                       |                            |                  |               |                      |
| 2                      | 5: 0: 0               | 0.000                      | 89.000           | 97.00         | 0.000                |
| 3                      | 5: 4:59               | 0.083                      | 95.000           | 97.00         | 6.000                |
| 4                      | 5:10: 0               | 0.167                      | 120.000          | 97.00         | 25.000               |
| 5                      | 5:15: 0               | 0.250                      | 123.000          | 97.00         | 3.000                |
| 6                      | 5:19:59               | 0.333                      | 437.000          | 97.00         | 314.000              |
| 7                      | 5:25: 0               | 0.417                      | 649.000          | 97.00         | 212.000              |
| 8                      | 5:30: 0               | 0.500                      | 690.000          | 97.00         | 41.000               |
| INITIAL SHUT-IN PERIOD |                       |                            |                  |               |                      |
| 9                      | 5:33: 0               | 0.550                      | 704.000          | 97.00         | 14.000               |
| 10                     | 5:36: 0               | 0.600                      | 711.000          | 97.00         | 7.000                |
| 11                     | 5:39: 0               | 0.650                      | 716.000          | 97.00         | 5.000                |
| 12                     | 5:42: 0               | 0.700                      | 723.000          | 97.00         | 7.000                |
| 13                     | 5:45: 0               | 0.750                      | 727.000          | 97.00         | 4.000                |
| 14                     | 5:48: 0               | 0.800                      | 729.000          | 97.00         | 2.000                |
| 15                     | 5:51: 0               | 0.850                      | 731.000          | 97.00         | 2.000                |
| 16                     | 5:54: 0               | 0.900                      | 733.000          | 97.00         | 2.000                |
| 17                     | 5:57: 0               | 0.950                      | 735.000          | 97.00         | 2.000                |
| 18                     | 6: 0: 0               | 1.000                      | 737.000          | 97.00         | 2.000                |
| FINAL FLOW PERIOD      |                       |                            |                  |               |                      |
| 19                     | 6: 1: 0               | 1.017                      | 737.000          | 97.00         | 0.000                |
| 20                     | 6: 4:59               | 1.083                      | 739.000          | 97.00         | 2.000                |
| 21                     | 6:10: 0               | 1.167                      | 740.000          | 97.00         | 1.000                |
| 22                     | 6:15: 0               | 1.250                      | 740.000          | 97.00         | 0.000                |
| 23                     | 6:19:59               | 1.333                      | 740.000          | 97.00         | 0.000                |
| 24                     | 6:25: 0               | 1.417                      | 740.000          | 97.00         | 0.000                |
| 25                     | 6:30: 0               | 1.500                      | 740.000          | 97.00         | 0.000                |
| FINAL SHUT-IN PERIOD   |                       |                            |                  |               |                      |
| 26                     | 6:33: 0               | 1.550                      | 740.000          | 97.00         | 0.000                |
| 27                     | 6:36: 0               | 1.600                      | 740.000          | 97.00         | 0.000                |
| 28                     | 6:39: 0               | 1.650                      | 741.000          | 97.00         | 1.000                |
| 29                     | 6:42: 0               | 1.700                      | 742.000          | 97.00         | 1.000                |
| 30                     | 6:45: 0               | 1.750                      | 743.000          | 97.00         | 1.000                |
| 31                     | 6:48: 0               | 1.800                      | 743.000          | 97.00         | 0.000                |
| 32                     | 6:51: 0               | 1.850                      | 743.000          | 97.00         | 0.000                |
| 33                     | 6:54: 0               | 1.900                      | 744.000          | 97.00         | 1.000                |
| 34                     | 6:57: 0               | 1.950                      | 744.000          | 97.00         | 0.000                |
| 35                     | 7: 0: 0               | 2.000                      | 744.000          | 97.00         | 0.000                |
| 36                     | 7: 3: 0               | 2.050                      | 744.000          | 97.00         | 0.000                |

WESTERN TESTING CO. INC.

10979

KT 17078  
I

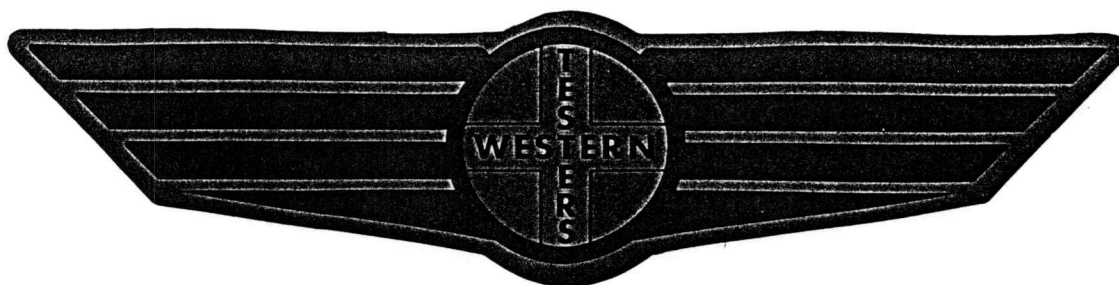


27150

JK+12028  
①

3554 05/12

# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone **1 - 800-688-7021**

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

|           |   |                        |            |       |                |    |
|-----------|---|------------------------|------------|-------|----------------|----|
| DATE      | : | 5-26-91                | TICKET     | :     | 17079          |    |
| CUSTOMER  | : | RANGE OIL COMPANY INC. | LEASE      | :     | PATTESON BROS. |    |
| WELL      | : | 2                      | TEST:      | :     | 3              |    |
| ELEVATION | : | 1175 KB                | GEOLOGIST  | :     | BLAIR          |    |
| SECTION   | : | 11                     | FORMATION  | :     | MISSISSIPPIAN  |    |
| RANGE     | : | 9E                     | TOWNSHIP   | :     | 32S            |    |
| GAUGE SN# | : | 10979                  | STATE      | :     | KANSAS         |    |
|           |   | COUNTY :               | CHAUTAUQUA |       |                |    |
|           |   | RANGE :                | 4100       | CLOCK | :              | 12 |

|                         |   |      |      |   |      |             |   |      |
|-------------------------|---|------|------|---|------|-------------|---|------|
| INTERVAL FROM           | : | 2201 | TO   | : | 2220 | TOTAL DEPTH | : | 2220 |
| DEPTH OF SELECTIVE ZONE | : |      |      |   |      |             |   |      |
| PACKER DEPTH            | : | 2196 | SIZE | : | 6.63 |             |   |      |
| PACKER DEPTH            | : | 2201 | SIZE | : | 6.63 |             |   |      |
| PACKER DEPTH            | : |      | SIZE | : |      |             |   |      |
| PACKER DEPTH            | : |      | SIZE | : |      |             |   |      |

|                 |   |                 |                 |   |     |
|-----------------|---|-----------------|-----------------|---|-----|
| DRILLING CON.   | : | RED TIGER RIG 3 |                 |   |     |
| MUD TYPE        | : | CHEMICAL        | VISCOSITY       | : | 38  |
| WEIGHT          | : | 9.9             | WATER LOSS (CC) | : | 8.8 |
| CHLORIDES (PPM) | : | 1500            |                 |   |     |
| JARS-MAKE       | : |                 | SERIAL NUMBER   | : |     |
| DID WELL FLOW ? | : | NO              | REVERSED OUT ?  | : | NO  |

|                     |   |       |    |                   |   |       |
|---------------------|---|-------|----|-------------------|---|-------|
| DRILL COLLAR LENGTH | : | 0     | FT | I.D. inch         | : | 0.00  |
| WEIGHT PIPE LENGTH  | : | 600   | FT | I.D. inch         | : | 2.80  |
| DRILL PIPE LENGTH   | : | 1581  | FT | I.D. inch         | : | 3.80  |
| TEST TOOL LENGTH    | : | 20    | FT | TOOL SIZE         | : | 5.50  |
| ANCHOR LENGTH       | : | 19    | FT | ANCHOR SIZE       | : | 5.50  |
| SURFACE CHOKE SIZE  | : | .75   | IN | BOTTOM CHOKE SIZE | : | .75   |
| MAIN HOLE SIZE      | : | 7.875 | IN | TOOL JOINT SIZE   | : | 4.5XH |

BLOW COMMENT #1 : INITIAL FLOW PERIOD WEAK BLOW.  
BLOW COMMENT #2 : FINAL FLOW PERIOD WEAK BLOW DEAD IN 28 MINUTES.  
BLOW COMMENT #3 : FLUSHED TOOL.  
BLOW COMMENT #4 :

RECOVERED : 110 FT OF: DRILLING MUD

Total Barrels Fluid = 0.84  
Total Fluid Prod Rate = 20.10 BFPD  
Indicated Wtr Rate = 2.01 BWPD

REMARK 1 :  
REMARK 2 :  
REMARK 3 :  
REMARK 4 :

SET PACKER(S) : 5:00 A.M.

TIME STARTED OFF BOTTOM : 7:00 A.M.

WELL TEMPERATURE : 105

INITIAL HYDROSTATIC PRESSURE

(A) 1160

INITIAL FLOW PERIOD MIN: 30

(B) 81 PSI TO (C) : 81

INITIAL CLOSED IN PERIOD MIN: 30

(D) 632

FINAL FLOW PERIOD MIN: 30

(E) 117 PSI TO (F) : 109

FINAL CLOSED IN PERIOD MIN: 33

(G) 637

FINAL HYDROSTATIC PRESSURE

(H) 1160

WESTERN TESTING CO. INC.  
WICHITA-KANSAS

Pressure Transient Report  
-----

COMPANY : RANGE OIL COMPANY INC.  
RIG : CHAUTAUQUA-KANSAS  
FIELD : PATTESON BROS.  
WELL : 2  
DATE : 5-26-91  
GAUGE NO : 10979

OPERATIONAL COMMENTS

COMPANY : RANGE OIL COMPANY INC.  
WELL : 2  
GAUGE # : 10979  
DATE : 26/ 5/91

FIELD : PATTESON BROS.  
JOB # : 17079  
DEPTH : 2220  
TEST :

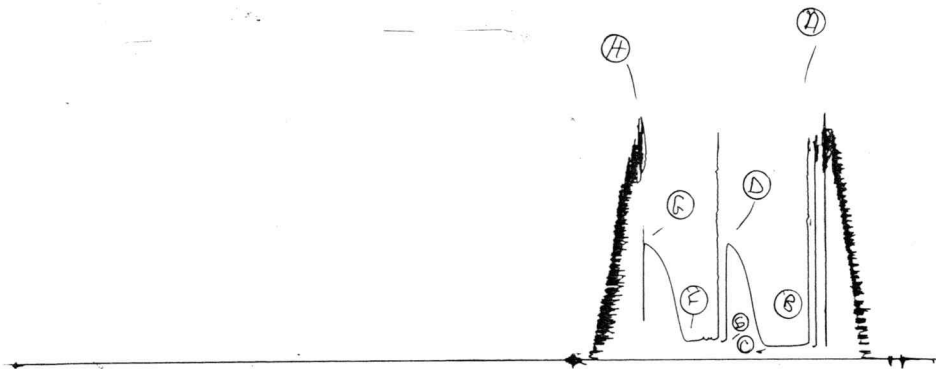
| DATA<br>No.            | REAL TIME<br>HR:MN:SS | ELAPSE TIME<br>DELTA HOURS | PRESSURE<br>PSIG | TEMP<br>DEG F | DELTA P<br>Pi-P(i-1) |
|------------------------|-----------------------|----------------------------|------------------|---------------|----------------------|
| INITIAL FLOW PERIOD    |                       |                            |                  |               |                      |
| 2                      | 5: 0: 0               | 0.000                      | 81.000           | 105.00        | 0.000                |
| 3                      | 5: 4:59               | 0.083                      | 81.000           | 105.00        | 0.000                |
| 4                      | 5:10: 0               | 0.167                      | 81.000           | 105.00        | 0.000                |
| 5                      | 5:15: 0               | 0.250                      | 81.000           | 105.00        | 0.000                |
| 6                      | 5:19:59               | 0.333                      | 81.000           | 105.00        | 0.000                |
| 7                      | 5:25: 0               | 0.417                      | 81.000           | 105.00        | 0.000                |
| 8                      | 5:30: 0               | 0.500                      | 81.000           | 105.00        | 0.000                |
| INITIAL SHUT-IN PERIOD |                       |                            |                  |               |                      |
| 9                      | 5:33: 0               | 0.550                      | 90.000           | 105.00        | 9.000                |
| 10                     | 5:36: 0               | 0.600                      | 136.000          | 105.00        | 46.000               |
| 11                     | 5:39: 0               | 0.650                      | 219.000          | 105.00        | 83.000               |
| 12                     | 5:42: 0               | 0.700                      | 321.000          | 105.00        | 102.000              |
| 13                     | 5:45: 0               | 0.750                      | 424.000          | 105.00        | 103.000              |
| 14                     | 5:48: 0               | 0.800                      | 500.000          | 105.00        | 76.000               |
| 15                     | 5:51: 0               | 0.850                      | 549.000          | 105.00        | 49.000               |
| 16                     | 5:54: 0               | 0.900                      | 590.000          | 105.00        | 41.000               |
| 17                     | 5:57: 0               | 0.950                      | 615.000          | 105.00        | 25.000               |
| 18                     | 6: 0: 0               | 1.000                      | 632.000          | 105.00        | 17.000               |
| FINAL FLOW PERIOD      |                       |                            |                  |               |                      |
| 19                     | 6: 1: 0               | 1.017                      | 117.000          | 105.00        | -515.000             |
| 20                     | 6: 4:59               | 1.083                      | 120.000          | 105.00        | 3.000                |
| 21                     | 6:10: 0               | 1.167                      | 117.000          | 105.00        | -3.000               |
| 22                     | 6:15: 0               | 1.250                      | 118.000          | 105.00        | 1.000                |
| 23                     | 6:19:59               | 1.333                      | 125.000          | 105.00        | 7.000                |
| 24                     | 6:25: 0               | 1.417                      | 110.000          | 105.00        | -15.000              |
| 25                     | 6:30: 0               | 1.500                      | 109.000          | 105.00        | -1.000               |
| FINAL SHUT-IN PERIOD   |                       |                            |                  |               |                      |
| 26                     | 6:33: 0               | 1.550                      | 155.000          | 105.00        | 46.000               |
| 27                     | 6:36: 0               | 1.600                      | 236.000          | 105.00        | 81.000               |
| 28                     | 6:39: 0               | 1.650                      | 334.000          | 105.00        | 98.000               |
| 29                     | 6:42: 0               | 1.700                      | 415.000          | 105.00        | 81.000               |
| 30                     | 6:45: 0               | 1.750                      | 482.000          | 105.00        | 67.000               |
| 31                     | 6:48: 0               | 1.800                      | 528.000          | 105.00        | 46.000               |
| 32                     | 6:51: 0               | 1.850                      | 564.000          | 105.00        | 36.000               |
| 33                     | 6:54: 0               | 1.900                      | 591.000          | 105.00        | 27.000               |
| 34                     | 6:57: 0               | 1.950                      | 613.000          | 105.00        | 22.000               |
| 35                     | 7: 0: 0               | 2.000                      | 627.000          | 105.00        | 14.000               |
| 36                     | 7: 3: 0               | 2.050                      | 637.000          | 105.00        | 10.000               |

WESTERN TESTING CO. INC.

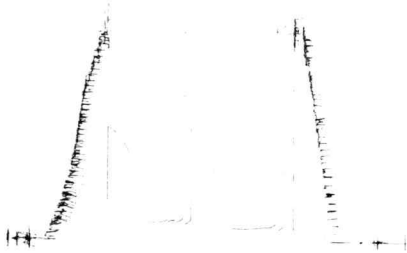
10925 DSY #2

KA 17029

1



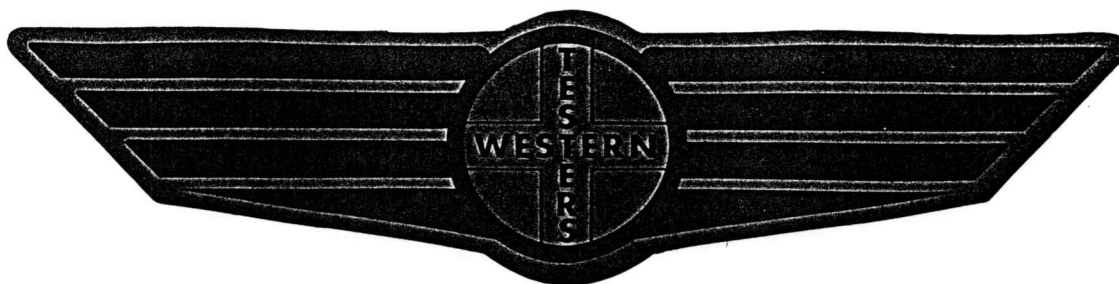
WSX #3



KT 17029  
0

3554

# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone **1 - 800-688-7021**

COMPANY RANGE OIL COMPANY, INC. LEASE & WELL NO. PATTESON BROS. #2 SEC. 11 TWP. 32S RGE. 9E TEST NO. 4 DATE 5/26/91

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

|           |   |                        |           |   |                |
|-----------|---|------------------------|-----------|---|----------------|
| DATE      | : | 5-26-91                | TICKET    | : | 17080          |
| CUSTOMER  | : | RANGE OIL COMPANY INC. | LEASE     | : | PATTESON BROS. |
| WELL      | : | 2                      | TEST:     | : | 4              |
| ELEVATION | : | 1175 KB                | GEOLOGIST | : | BLAIR          |
| SECTION   | : | 11                     | FORMATION | : | ARBUCKLE       |
| RANGE     | : | 9E                     | COUNTY :  | : | CHAUTAUQUA     |
| GAUGE SN# | : | 10979                  | RANGE :   | : | 4100           |
|           |   |                        | STATE     | : | KANSAS         |
|           |   |                        | CLOCK     | : | 12             |

|                         |   |      |      |   |      |             |   |      |
|-------------------------|---|------|------|---|------|-------------|---|------|
| INTERVAL FROM           | : | 2510 | TO   | : | 2525 | TOTAL DEPTH | : | 2525 |
| DEPTH OF SELECTIVE ZONE | : |      |      |   |      |             |   |      |
| PACKER DEPTH            | : | 2505 | SIZE | : | 6.63 |             |   |      |
| PACKER DEPTH            | : | 2510 | SIZE | : | 6.63 |             |   |      |
| PACKER DEPTH            | : |      | SIZE | : |      |             |   |      |
| PACKER DEPTH            | : |      | SIZE | : |      |             |   |      |

|                 |   |                 |                 |   |      |
|-----------------|---|-----------------|-----------------|---|------|
| DRILLING CON.   | : | RED TIGER RIG 3 |                 |   |      |
| MUD TYPE        | : | CHEMICAL        | VISCOSITY       | : | 48   |
| WEIGHT          | : | 9.9             | WATER LOSS (CC) | : | 10.4 |
| CHLORIDES (PPM) | : | 1400            |                 |   |      |
| JARS-MAKE       | : |                 | SERIAL NUMBER   | : |      |
| DID WELL FLOW ? | : | NO              | REVERSED OUT ?  | : | NO   |

|                     |   |       |    |                   |   |       |
|---------------------|---|-------|----|-------------------|---|-------|
| DRILL COLLAR LENGTH | : | 0     | FT | I.D. inch         | : | 0.00  |
| WEIGHT PIPE LENGTH  | : | 600   | FT | I.D. inch         | : | 2.80  |
| DRILL PIPE LENGTH   | : | 1890  | FT | I.D. inch         | : | 3.80  |
| TEST TOOL LENGTH    | : | 20    | FT | TOOL SIZE         | : | 5.50  |
| ANCHOR LENGTH       | : | 15    | FT | ANCHOR SIZE       | : | 5.50  |
| SURFACE CHOKE SIZE  | : | .75   | IN | BOTTOM CHOKE SIZE | : | .75   |
| MAIN HOLE SIZE      | : | 7.875 | IN | TOOL JOINT SIZE   | : | 4.5XH |

|                 |   |                                                   |
|-----------------|---|---------------------------------------------------|
| BLOW COMMENT #1 | : | INITIAL FLOW PERIOD WEAK BLOW-DEAD IN 15 MINUTES. |
| BLOW COMMENT #2 | : | FINAL FLOW PERIOD NO BLOW - FLUSHED TOOL.         |
| BLOW COMMENT #3 | : |                                                   |
| BLOW COMMENT #4 | : |                                                   |

RECOVERED : 15 FT OF: DRILLING MUD W/SLY SHOW OF OIL-1%OIL

|                       |   |            |
|-----------------------|---|------------|
| Total Barrels Fluid   | = | 0.11       |
| Total Fluid Prod Rate | = | 2.74 BFPD  |
| Indicated Oil Rate    | = | 0.03 BOPD  |
| Indicated Wtr Rate    | = | 0.27 BWPD  |
| Corrected Oil Rate    | = | 3.41 BOPD  |
| Corrected Wtr Rate    | = | 34.14 BWPD |

REMARK 1 :  
REMARK 2 :  
REMARK 3 :  
REMARK 4 :

SET PACKER(S) : 1:30 P.M.

TIME STARTED OFF BOTTOM : 3:30 P.M.

WELL TEMPERATURE : 108

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 33

FINAL FLOW PERIOD MIN: 30

FINAL CLOSED IN PERIOD MIN: 33

FINAL HYDROSTATIC PRESSURE

(A) 1321

(B) 40

(D) 376

(E) 70

(G) 269

(H) 1286

PSI TO (C) : 40

PSI TO (F) : 47

WESTERN TESTING CO. INC.  
WICHITA-KANSAS

Pressure Transient Report  
-----

COMPANY : RANGE OIL COMPANY INC.  
RIG : CHAUTAUQUA-KANSAS  
FIELD : PATTESON BROS.  
WELL : 2  
DATE : 5-26-91  
GAUGE NO : 10979

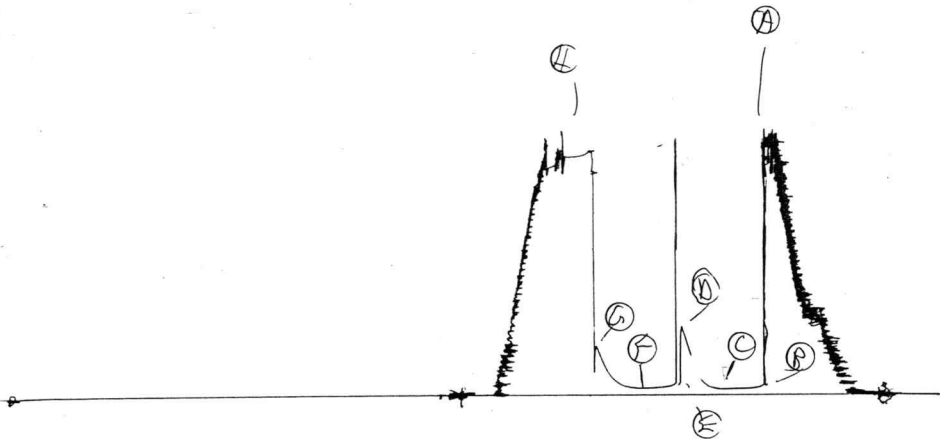
OPERATIONAL COMMENTS

COMPANY : RANGE OIL COMPANY INC.  
WELL : 2  
GAUGE # : 10979  
DATE : 26/ 5/91

FIELD : PATTESON BROS.  
JOB # : 17080  
DEPTH : 2525  
TEST :

| DATA<br>No.            | REAL TIME<br>HR:MN:SS | ELAPSE TIME<br>DELTA HOURS | PRESSURE<br>PSIG | TEMP<br>DEG F | DELTA P<br>Pi-P(i-1) |
|------------------------|-----------------------|----------------------------|------------------|---------------|----------------------|
| INITIAL FLOW PERIOD    |                       |                            |                  |               |                      |
| 2                      | 1:30: 0               | 0.000                      | 40.000           | 108.00        | 0.000                |
| 3                      | 1:34:59               | 0.083                      | 40.000           | 108.00        | 0.000                |
| 4                      | 1:40: 0               | 0.167                      | 40.000           | 108.00        | 0.000                |
| 5                      | 1:45: 0               | 0.250                      | 40.000           | 108.00        | 0.000                |
| 6                      | 1:49:59               | 0.333                      | 40.000           | 108.00        | 0.000                |
| 7                      | 1:55: 0               | 0.417                      | 40.000           | 108.00        | 0.000                |
| 8                      | 2: 0: 0               | 0.500                      | 40.000           | 108.00        | 0.000                |
| INITIAL SHUT-IN PERIOD |                       |                            |                  |               |                      |
| 9                      | 2: 3: 0               | 0.550                      | 41.000           | 108.00        | 1.000                |
| 10                     | 2: 6: 0               | 0.600                      | 42.000           | 108.00        | 1.000                |
| 11                     | 2: 9: 0               | 0.650                      | 47.000           | 108.00        | 5.000                |
| 12                     | 2:12: 0               | 0.700                      | 59.000           | 108.00        | 12.000               |
| 13                     | 2:15: 0               | 0.750                      | 76.000           | 108.00        | 17.000               |
| 14                     | 2:18: 0               | 0.800                      | 109.000          | 108.00        | 33.000               |
| 15                     | 2:21: 0               | 0.850                      | 161.000          | 108.00        | 52.000               |
| 16                     | 2:24: 0               | 0.900                      | 218.000          | 108.00        | 57.000               |
| 17                     | 2:27: 0               | 0.950                      | 279.000          | 108.00        | 61.000               |
| 18                     | 2:30: 0               | 1.000                      | 347.000          | 108.00        | 68.000               |
| 19                     | 2:33: 0               | 1.050                      | 376.000          | 108.00        | 29.000               |
| FINAL FLOW PERIOD      |                       |                            |                  |               |                      |
| 20                     | 2:34: 0               | 1.067                      | 70.000           | 108.00        | -306.000             |
| 21                     | 2:37:59               | 1.133                      | 66.000           | 108.00        | -4.000               |
| 22                     | 2:43: 0               | 1.217                      | 54.000           | 108.00        | -12.000              |
| 23                     | 2:48: 0               | 1.300                      | 51.000           | 108.00        | -3.000               |
| 24                     | 2:52:59               | 1.383                      | 50.000           | 108.00        | -1.000               |
| 25                     | 2:58: 0               | 1.467                      | 49.000           | 108.00        | -1.000               |
| 26                     | 3: 3: 0               | 1.550                      | 47.000           | 108.00        | -2.000               |
| FINAL SHUT-IN PERIOD   |                       |                            |                  |               |                      |
| 27                     | 3: 5:59               | 1.600                      | 48.000           | 108.00        | 1.000                |
| 28                     | 3: 9: 0               | 1.650                      | 49.000           | 108.00        | 1.000                |
| 29                     | 3:12: 0               | 1.700                      | 52.000           | 108.00        | 3.000                |
| 30                     | 3:15: 0               | 1.750                      | 56.000           | 108.00        | 4.000                |
| 31                     | 3:18: 0               | 1.800                      | 66.000           | 108.00        | 10.000               |
| 32                     | 3:21: 0               | 1.850                      | 82.000           | 108.00        | 16.000               |
| 33                     | 3:24: 0               | 1.900                      | 99.000           | 108.00        | 17.000               |
| 34                     | 3:27: 0               | 1.950                      | 128.000          | 108.00        | 29.000               |
| 35                     | 3:30: 0               | 2.000                      | 167.000          | 108.00        | 39.000               |
| 36                     | 3:33: 0               | 2.050                      | 219.000          | 108.00        | 52.000               |
| 37                     | 3:36: 0               | 2.100                      | 269.000          | 108.00        | 50.000               |

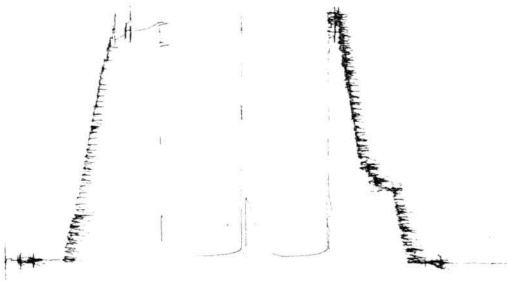
WESTERN TESTING CO. INC.

KT 17080I

3554

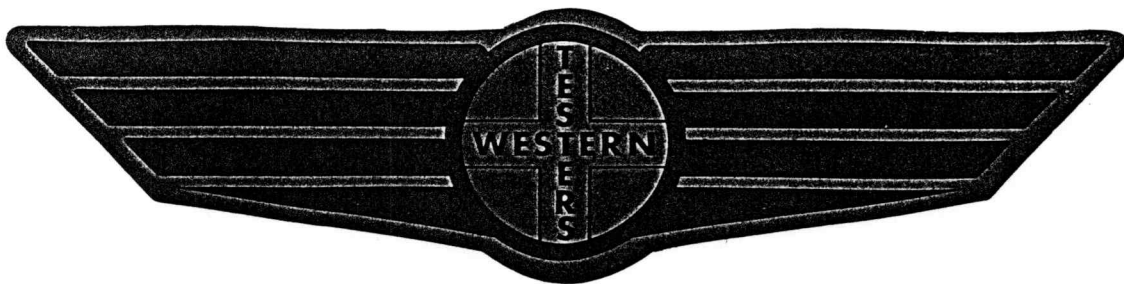
KT 17080

0



Page 14

# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

COMPANY RANGE OIL COMPANY, INC. LEASE & WELL NO. PATTONSON BROS. #2 SEC. 11 TWP. 32S RGE. 9E TEST NO. 5 DATE 5/27/91

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

|           |   |                        |           |   |                |
|-----------|---|------------------------|-----------|---|----------------|
| DATE      | : | 5-27-91                | TICKET    | : | 17081          |
| CUSTOMER  | : | RANGE OIL COMPANY INC. | LEASE     | : | PATTESON BROS. |
| WELL      | : | 2                      | TEST:     | : | 5              |
| ELEVATION | : | 1175 KB                | GEOLOGIST | : | BLAIR          |
| SECTION   | : | 11                     | FORMATION | : | ARBUCKLE       |
| RANGE     | : | 9E                     | TOWNSHIP  | : | 32S            |
| GAUGE SN# | : | 10979                  | STATE     | : | KANSAS         |
|           |   | COUNTY :               | CLOCK     | : | 12             |
|           |   | RANGE :                |           |   |                |
|           |   | 4100                   |           |   |                |

|                         |   |      |      |   |      |             |   |      |
|-------------------------|---|------|------|---|------|-------------|---|------|
| INTERVAL FROM           | : | 2512 | TO   | : | 2531 | TOTAL DEPTH | : | 2531 |
| DEPTH OF SELECTIVE ZONE | : |      |      |   |      |             |   |      |
| PACKER DEPTH            | : | 2507 | SIZE | : | 6.63 |             |   |      |
| PACKER DEPTH            | : | 2512 | SIZE | : | 6.63 |             |   |      |
| PACKER DEPTH            | : |      | SIZE | : |      |             |   |      |
| PACKER DEPTH            | : |      | SIZE | : |      |             |   |      |

|                 |   |                 |                 |   |      |
|-----------------|---|-----------------|-----------------|---|------|
| DRILLING CON.   | : | RED TIGER RIG 3 |                 |   |      |
| MUD TYPE        | : | CHEMICAL        | VISCOSITY       | : | 54   |
| WEIGHT          | : | 9.8+            | WATER LOSS (CC) | : | 10.4 |
| CHLORIDES (PPM) | : | 1400            |                 |   |      |
| JARS-MAKE       | : |                 | SERIAL NUMBER   | : |      |
| DID WELL FLOW ? | : | NO              | REVERSED OUT ?  | : | NO   |

|                     |   |       |    |                   |   |       |
|---------------------|---|-------|----|-------------------|---|-------|
| DRILL COLLAR LENGTH | : | 0     | FT | I.D. inch         | : | 0.00  |
| WEIGHT PIPE LENGTH  | : | 600   | FT | I.D. inch         | : | 2.80  |
| DRILL PIPE LENGTH   | : | 1892  | FT | I.D. inch         | : | 3.80  |
| TEST TOOL LENGTH    | : | 20    | FT | TOOL SIZE         | : | 5.50  |
| ANCHOR LENGTH       | : | 19    | FT | ANCHOR SIZE       | : | 5.50  |
| SURFACE CHOKE SIZE  | : | .75   | IN | BOTTOM CHOKE SIZE | : | .75   |
| MAIN HOLE SIZE      | : | 7.875 | IN | TOOL JOINT SIZE   | : | 4.5XH |

|                 |   |                                |
|-----------------|---|--------------------------------|
| BLOW COMMENT #1 | : | INITIAL FLOW PERIOD WEAK BLOW. |
| BLOW COMMENT #2 | : | FINAL FLOW PERIOD NO BLOW.     |
| BLOW COMMENT #3 | : |                                |
| BLOW COMMENT #4 | : |                                |

RECOVERED : 20 FT OF: DRILLING MUD-TRACE OF OIL

Total Barrels Fluid = 0.15  
Total Fluid Prod Rate = 3.66 BFPD  
Indicated Wtr Rate = 0.37 BWPD

REMARK 1 :  
REMARK 2 :  
REMARK 3 :  
REMARK 4 :

SET PACKER(S) : 12:01 A.M.

TIME STARTED OFF BOTTOM : 2:01 A.M.

WELL TEMPERATURE : 109

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 33

FINAL FLOW PERIOD MIN: 30

FINAL CLOSED IN PERIOD MIN: 30

FINAL HYDROSTATIC PRESSURE

(A) 1323

(B) 39 PSI TO (C) : 39

(D) 677

(E) 43 PSI TO (F) : 43

(G) 534

(H) 1295

WESTERN TESTING CO. INC.  
WICHITA-KANSAS

Pressure Transient Report  
-----

COMPANY : RANGE OIL COMPANY INC.  
RIG : CHAUTAUQUA-KANSAS  
FIELD : PATTESON BROS.  
WELL : 2  
DATE : 5-27-91  
GAUGE NO : 10979

OPERATIONAL COMMENTS

COMPANY : RANGE OIL COMPANY INC.  
WELL : 2  
GAUGE # : 10979  
DATE : 27/ 5/91

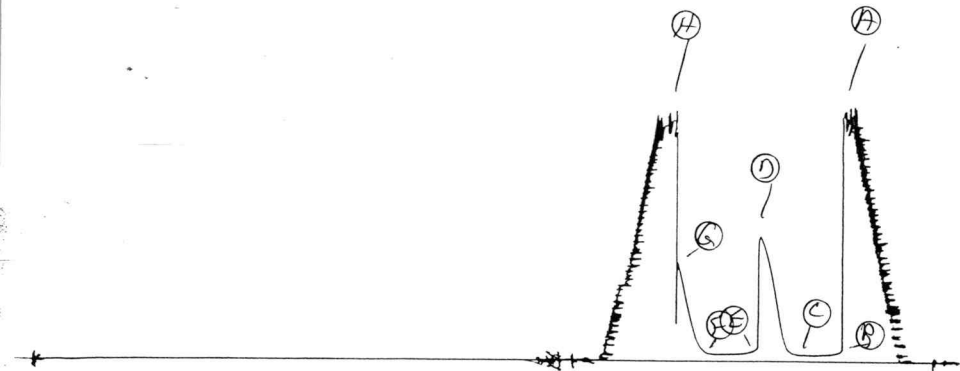
FIELD : PATTESON BROS.  
JOB # : 17081  
DEPTH : 2531  
TEST :

| DATA<br>No.            | REAL TIME<br>HR:MN:SS | ELAPSE TIME<br>DELTA HOURS | PRESSURE<br>PSIG | TEMP<br>DEG F | DELTA P<br>Pi-P(i-1) |
|------------------------|-----------------------|----------------------------|------------------|---------------|----------------------|
| INITIAL FLOW PERIOD    |                       |                            |                  |               |                      |
| 2                      | 12: 1: 0              | 0.000                      | 39.000           | 109.00        | 0.000                |
| 3                      | 12: 5:59              | 0.083                      | 39.000           | 109.00        | 0.000                |
| 4                      | 12:11: 0              | 0.167                      | 39.000           | 109.00        | 0.000                |
| 5                      | 12:16: 0              | 0.250                      | 39.000           | 109.00        | 0.000                |
| 6                      | 12:20:59              | 0.333                      | 39.000           | 109.00        | 0.000                |
| 7                      | 12:26: 0              | 0.417                      | 39.000           | 109.00        | 0.000                |
| 8                      | 12:31: 0              | 0.500                      | 39.000           | 109.00        | 0.000                |
| INITIAL SHUT-IN PERIOD |                       |                            |                  |               |                      |
| 9                      | 12:34: 0              | 0.550                      | 41.000           | 109.00        | 2.000                |
| 10                     | 12:37: 0              | 0.600                      | 45.000           | 109.00        | 4.000                |
| 11                     | 12:40: 0              | 0.650                      | 56.000           | 109.00        | 11.000               |
| 12                     | 12:43: 0              | 0.700                      | 83.000           | 109.00        | 27.000               |
| 13                     | 12:46: 0              | 0.750                      | 158.000          | 109.00        | 75.000               |
| 14                     | 12:49: 0              | 0.800                      | 274.000          | 109.00        | 116.000              |
| 15                     | 12:52: 0              | 0.850                      | 388.000          | 109.00        | 114.000              |
| 16                     | 12:55: 0              | 0.900                      | 491.000          | 109.00        | 103.000              |
| 17                     | 12:58: 0              | 0.950                      | 580.000          | 109.00        | 89.000               |
| 18                     | 13: 1: 0              | 1.000                      | 644.000          | 109.00        | 64.000               |
| 19                     | 13: 3:59              | 1.050                      | 677.000          | 109.00        | 33.000               |
| FINAL FLOW PERIOD      |                       |                            |                  |               |                      |
| 20                     | 13: 5: 0              | 1.067                      | 43.000           | 109.00        | -634.000             |
| 21                     | 13: 8:59              | 1.133                      | 43.000           | 109.00        | 0.000                |
| 22                     | 13:14: 0              | 1.217                      | 43.000           | 109.00        | 0.000                |
| 23                     | 13:19: 0              | 1.300                      | 43.000           | 109.00        | 0.000                |
| 24                     | 13:23:59              | 1.383                      | 43.000           | 109.00        | 0.000                |
| 25                     | 13:29: 0              | 1.467                      | 43.000           | 109.00        | 0.000                |
| 26                     | 13:34: 0              | 1.550                      | 43.000           | 109.00        | 0.000                |
| FINAL SHUT-IN PERIOD   |                       |                            |                  |               |                      |
| 27                     | 13:36:59              | 1.600                      | 43.000           | 109.00        | 0.000                |
| 28                     | 13:40: 0              | 1.650                      | 45.000           | 109.00        | 2.000                |
| 29                     | 13:42:59              | 1.700                      | 50.000           | 109.00        | 5.000                |
| 30                     | 13:46: 0              | 1.750                      | 70.000           | 109.00        | 20.000               |
| 31                     | 13:49: 0              | 1.800                      | 107.000          | 109.00        | 37.000               |
| 32                     | 13:51:59              | 1.850                      | 166.000          | 109.00        | 59.000               |
| 33                     | 13:55: 0              | 1.900                      | 237.000          | 109.00        | 71.000               |
| 34                     | 13:57:59              | 1.950                      | 324.000          | 109.00        | 87.000               |
| 35                     | 14: 1: 0              | 2.000                      | 426.000          | 109.00        | 102.000              |
| 36                     | 14: 4: 0              | 2.050                      | 534.000          | 109.00        | 108.000              |

WESTERN TESTING CO. INC.

K4 17081

I



3554

KT 17081

0

