



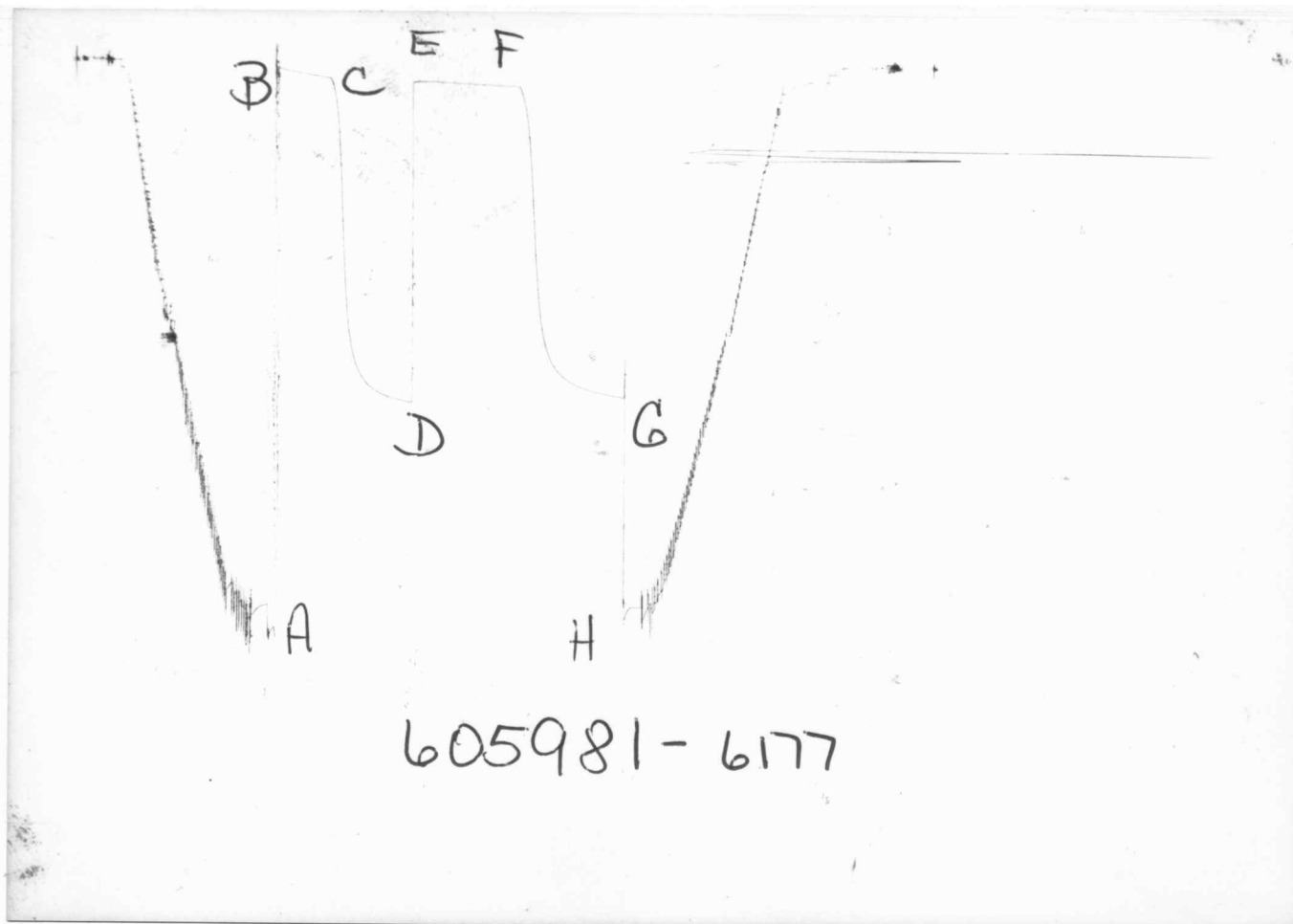
TICKET NO. 60598100

23-NOV-83

NESS CITY

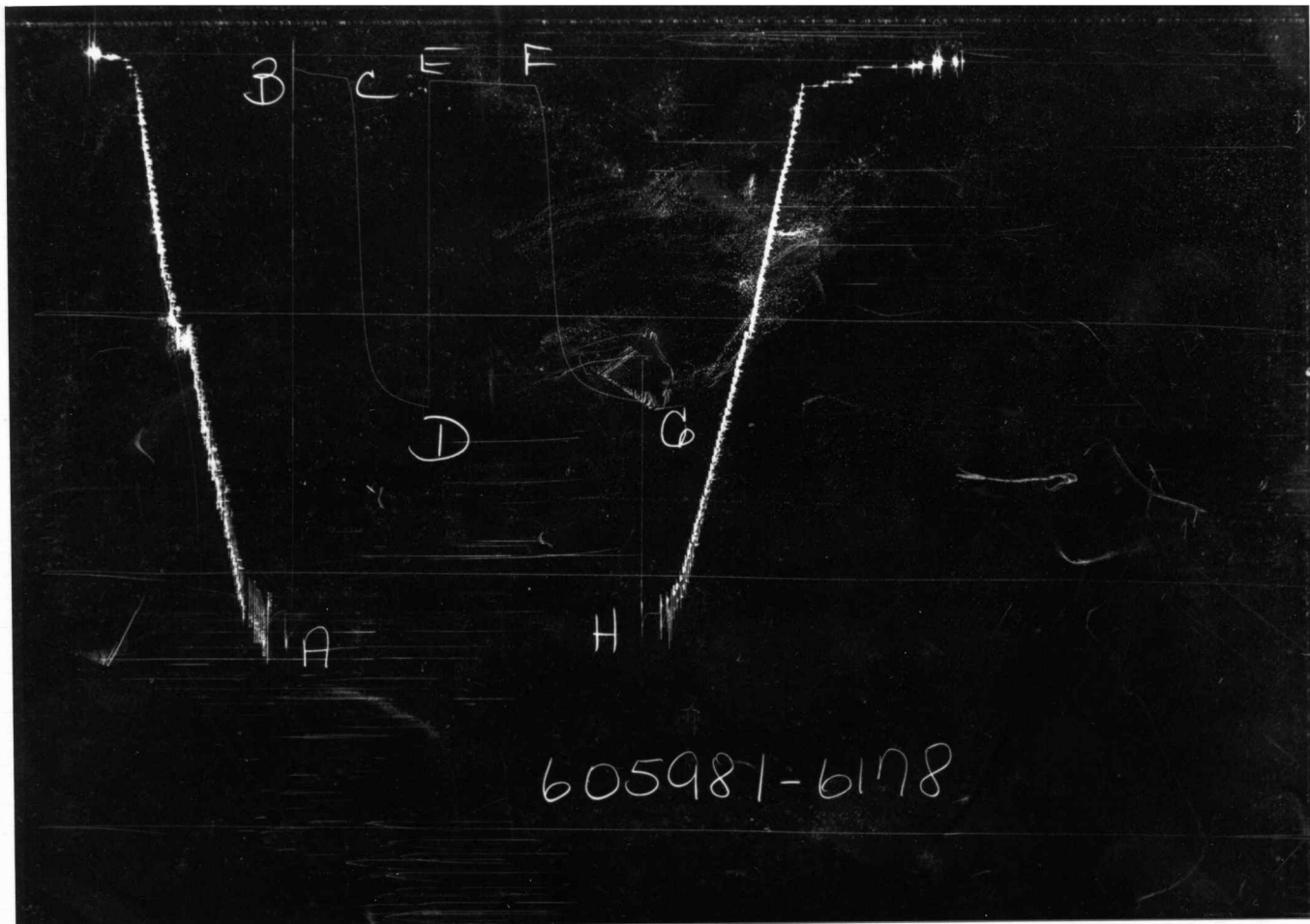
# FORMATION TESTING SERVICE REPORT

|                                      |                   |               |                 |                          |
|--------------------------------------|-------------------|---------------|-----------------|--------------------------|
| KORF                                 | 1                 | 1             | 4383.1 - 4419.1 | VINCENT OIL CORPORATION  |
| LEASE NAME                           | WELL NO.          | TEST NO.      | TESTED INTERVAL | LEASE OWNER/COMPANY NAME |
| LEGAL LOCATION<br>SEC. - TWP. - RMB. | 18 - 22 - 21 WEST | FIELD<br>AREA | WILDCAT         | COUNTY                   |
|                                      |                   |               | HODGEMAN        | STATE                    |
|                                      |                   |               |                 | KANSAS                   |
|                                      |                   |               |                 | PW                       |



GAUGE NO: 6177 DEPTH: 4367.0 BLANKED OFF: NO HOUR OF CLOCK: 12

| ID | DESCRIPTION              | PRESSURE |            | TIME     |            | TYPE |
|----|--------------------------|----------|------------|----------|------------|------|
|    |                          | REPORTED | CALCULATED | REPORTED | CALCULATED |      |
| A  | INITIAL HYDROSTATIC      | 2136     | 2132.6     |          |            |      |
| B  | INITIAL FIRST FLOW       | 21       | 22.8       | 30.0     | 30.1       | F    |
| C  | FINAL FIRST FLOW         | 63       | 64.5       |          |            |      |
| C  | INITIAL FIRST CLOSED-IN  | 63       | 64.5       | 45.0     | 46.6       | C    |
| D  | FINAL FIRST CLOSED-IN    | 1327     | 1334.2     |          |            |      |
| E  | INITIAL SECOND FLOW      | 80       | 78.9       | 60.0     | 59.1       | F    |
| F  | FINAL SECOND FLOW        | 84       | 90.3       |          |            |      |
| F  | INITIAL SECOND CLOSED-IN | 84       | 90.3       | 60.0     | 60.8       | C    |
| G  | FINAL SECOND CLOSED-IN   | 1297     | 1308.1     |          |            |      |
| H  | FINAL HYDROSTATIC        | 2131     | 2131.8     |          |            |      |



GAUGE NO: 6178 DEPTH: 4416.0 BLANKED OFF: YES HOUR OF CLOCK: 12

| ID | DESCRIPTION              | PRESSURE |            | TIME     |            | TYPE |
|----|--------------------------|----------|------------|----------|------------|------|
|    |                          | REPORTED | CALCULATED | REPORTED | CALCULATED |      |
| A  | INITIAL HYDROSTATIC      |          | 2148.6     |          |            |      |
| B  | INITIAL FIRST FLOW       |          | 51.0       |          |            |      |
| C  | FINAL FIRST FLOW         |          | 90.2       | 30.0     | 30.1       | F    |
| C  | INITIAL FIRST CLOSED-IN  |          | 90.2       |          |            |      |
| D  | FINAL FIRST CLOSED-IN    |          | 1354.4     | 45.0     | 46.6       | C    |
| E  | INITIAL SECOND FLOW      |          | 101.9      |          |            |      |
| F  | FINAL SECOND FLOW        |          | 112.3      | 60.0     | 59.1       | F    |
| F  | INITIAL SECOND CLOSED-IN |          | 112.3      |          |            |      |
| G  | FINAL SECOND CLOSED-IN   |          | 1327.0     | 60.0     | 60.8       | C    |
| H  | FINAL HYDROSTATIC        |          | 2148.6     |          |            |      |

# EQUIPMENT & HOLE DATA

FORMATION TESTED: MISSISSIPPIAN  
NET PAY (ft): \_\_\_\_\_  
GROSS TESTED FOOTAGE: 36.0  
ALL DEPTHS MEASURED FROM: KELLY BUSHING  
CASING PERFS. (ft): \_\_\_\_\_  
HOLE OR CASING SIZE (in): 7.875  
ELEVATION (ft): 2177  
TOTAL DEPTH (ft): 4419.0  
PACKER DEPTH(S) (ft): 4377, 4383  
FINAL SURFACE CHOKE (in): 0.250  
BOTTOM HOLE CHOKE (in): 0.750  
MUD WEIGHT (lb/gal): 9.40  
MUD VISCOSITY (sec): 52  
ESTIMATED HOLE TEMP. (°F): \_\_\_\_\_  
ACTUAL HOLE TEMP. (°F): 118 @ 4414.0 ft

TICKET NUMBER: 60598100

DATE: 11-18-83 TEST NO: 1

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:  
NESS CITY

TESTER: J. THOMPSON

WITNESS: L. FRIEND

DRILLING CONTRACTOR:  
WHEATSTATE DRILLING #3

## FLUID PROPERTIES FOR RECOVERED MUD & WATER

| SOURCE      | RESISTIVITY | CHLORIDES        |
|-------------|-------------|------------------|
| <u>PITS</u> | <u>0</u> °F | <u>16000</u> ppm |
| _____       | <u>0</u> °F | _____ ppm        |
| _____       | <u>0</u> °F | _____ ppm        |
| _____       | <u>0</u> °F | _____ ppm        |
| _____       | <u>0</u> °F | _____ ppm        |
| _____       | <u>0</u> °F | _____ ppm        |

## SAMPLER DATA

Pstg AT SURFACE: \_\_\_\_\_  
cu.ft. OF GAS: \_\_\_\_\_  
cc OF OIL: \_\_\_\_\_  
cc OF WATER: \_\_\_\_\_  
cc OF MUD: \_\_\_\_\_  
TOTAL LIQUID cc: \_\_\_\_\_

## HYDROCARBON PROPERTIES

OIL GRAVITY (°API): 37.0 @ 60°F  
GAS/OIL RATIO (cu.ft. per bbl): \_\_\_\_\_  
GAS GRAVITY: \_\_\_\_\_

## CUSHION DATA

| TYPE  | AMOUNT | WEIGHT |
|-------|--------|--------|
| _____ | _____  | _____  |
| _____ | _____  | _____  |

## RECOVERED:

174 FEET OF TOTAL FLUID  
10 FEET OF CLEAN OIL  
10 FEET OF HEAVY OIL CUT MUD (55% OIL - 45% MUD)  
30 FEET OF OIL CUT MUD (25% OIL - 75% MUD)  
124 FEET OF SLIGHTLY OIL CUT MUD (20% OIL - 80% MUD)

MEASURED FROM  
TESTER: VALVE

## REMARKS:

[illegible]

TICKET NO: 60598100

CLOCK NO: 14248 HOUR: 12


  
HALLIBURTON
   
SERVICES

GAUGE NO: 6177

DEPTH: 4367.0

| REF              | MINUTES | PRESSURE | AP     | $\frac{t \times \Delta t}{t + \Delta t}$ | $\log \frac{t + \Delta t}{\Delta t}$ |
|------------------|---------|----------|--------|------------------------------------------|--------------------------------------|
| FIRST FLOW       |         |          |        |                                          |                                      |
| B 1              | 0.0     | 22.8     |        |                                          |                                      |
| 2                | 5.0     | 32.7     | 9.9    |                                          |                                      |
| 3                | 10.0    | 40.5     | 7.8    |                                          |                                      |
| 4                | 15.0    | 46.8     | 6.3    |                                          |                                      |
| 5                | 20.0    | 52.8     | 6.0    |                                          |                                      |
| 6                | 25.0    | 59.5     | 6.6    |                                          |                                      |
| C 7              | 30.1    | 64.5     | 5.0    |                                          |                                      |
| FIRST CLOSED-IN  |         |          |        |                                          |                                      |
| C 1              | 0.0     | 64.5     |        |                                          |                                      |
| 2                | 3.0     | 134.3    | 69.8   | 2.7                                      | 1.042                                |
| 3                | 6.0     | 396.3    | 331.9  | 5.0                                      | 0.780                                |
| 4                | 9.0     | 900.7    | 836.3  | 6.9                                      | 0.638                                |
| 5                | 12.0    | 1109.0   | 1044.6 | 8.6                                      | 0.544                                |
| 6                | 15.0    | 1188.3   | 1123.8 | 10.0                                     | 0.478                                |
| 7                | 18.0    | 1230.8   | 1166.3 | 11.3                                     | 0.428                                |
| 8                | 21.0    | 1259.8   | 1195.3 | 12.4                                     | 0.387                                |
| 9                | 24.0    | 1279.1   | 1214.7 | 13.4                                     | 0.353                                |
| 10               | 27.0    | 1292.5   | 1228.1 | 14.2                                     | 0.326                                |
| 11               | 30.0    | 1303.3   | 1238.9 | 15.0                                     | 0.302                                |
| 12               | 33.0    | 1311.7   | 1247.3 | 15.7                                     | 0.282                                |
| 13               | 36.0    | 1317.4   | 1252.9 | 16.4                                     | 0.264                                |
| 14               | 39.0    | 1323.2   | 1258.7 | 17.0                                     | 0.249                                |
| 15               | 42.0    | 1327.4   | 1263.0 | 17.5                                     | 0.235                                |
| 16               | 45.0    | 1331.6   | 1267.1 | 18.0                                     | 0.223                                |
| D 17             | 46.6    | 1334.2   | 1269.7 | 18.3                                     | 0.216                                |
| SECOND FLOW      |         |          |        |                                          |                                      |
| E 1              | 0.0     | 78.9     |        |                                          |                                      |
| 2                | 10.0    | 76.2     | -2.7   |                                          |                                      |
| 3                | 20.0    | 78.6     | 2.4    |                                          |                                      |
| 4                | 30.0    | 82.0     | 3.4    |                                          |                                      |
| 5                | 40.0    | 85.5     | 3.6    |                                          |                                      |
| 6                | 50.0    | 88.8     | 3.3    |                                          |                                      |
| F 7              | 59.1    | 90.3     | 1.5    |                                          |                                      |
| SECOND CLOSED-IN |         |          |        |                                          |                                      |
| F 1              | 0.0     | 90.3     |        |                                          |                                      |
| 2                | 4.0     | 172.9    | 82.6   | 3.9                                      | 1.365                                |
| 3                | 8.0     | 469.8    | 379.5  | 7.3                                      | 1.087                                |
| 4                | 12.0    | 939.8    | 849.5  | 10.6                                     | 0.926                                |
| 5                | 16.0    | 1111.1   | 1020.8 | 13.6                                     | 0.818                                |
| 6                | 20.0    | 1180.1   | 1089.9 | 16.3                                     | 0.737                                |
| 7                | 24.0    | 1217.0   | 1126.8 | 18.9                                     | 0.674                                |
| 8                | 28.0    | 1240.1   | 1149.8 | 21.3                                     | 0.622                                |
| 9                | 32.0    | 1256.9   | 1166.6 | 23.6                                     | 0.578                                |

| REF                          | MINUTES | PRESSURE | AP     | $\frac{t \times \Delta t}{t + \Delta t}$ | $\log \frac{t + \Delta t}{\Delta t}$ |
|------------------------------|---------|----------|--------|------------------------------------------|--------------------------------------|
| SECOND CLOSED-IN - CONTINUED |         |          |        |                                          |                                      |
| 10                           | 36.0    | 1269.0   | 1178.7 | 25.6                                     | 0.541                                |
| 11                           | 40.0    | 1278.8   | 1188.5 | 27.6                                     | 0.509                                |
| 12                           | 44.0    | 1286.6   | 1196.3 | 29.5                                     | 0.481                                |
| 13                           | 48.0    | 1292.9   | 1202.6 | 31.2                                     | 0.456                                |
| 14                           | 52.0    | 1298.5   | 1208.2 | 32.9                                     | 0.434                                |
| 15                           | 56.0    | 1303.3   | 1213.0 | 34.4                                     | 0.414                                |
| G 16                         | 60.8    | 1308.1   | 1217.8 | 36.2                                     | 0.392                                |

REMARKS:

TICKET NO: 60598100

GAUGE NO: 6178

CLOCK NO: 16165 HOUR: 12

DEPTH: 4416.0



| REF              | MINUTES | PRESSURE | AP     | $\frac{t \times \Delta t}{t + \Delta t}$ | $\log \frac{t + \Delta t}{\Delta t}$ |
|------------------|---------|----------|--------|------------------------------------------|--------------------------------------|
| FIRST FLOW       |         |          |        |                                          |                                      |
| B 1              | 0.0     | 51.0     |        |                                          |                                      |
| 2                | 5.0     | 61.3     | 10.3   |                                          |                                      |
| 3                | 10.0    | 73.7     | 12.4   |                                          |                                      |
| 4                | 15.0    | 74.8     | 1.1    |                                          |                                      |
| 5                | 20.0    | 79.9     | 5.1    |                                          |                                      |
| 6                | 25.0    | 86.1     | 6.1    |                                          |                                      |
| C 7              | 30.1    | 90.2     | 4.1    |                                          |                                      |
| FIRST CLOSED-IN  |         |          |        |                                          |                                      |
| C 1              | 0.0     | 90.2     |        |                                          |                                      |
| 2                | 3.0     | 175.6    | 85.4   | 2.8                                      | 1.039                                |
| 3                | 6.0     | 458.4    | 368.1  | 5.0                                      | 0.778                                |
| 4                | 9.0     | 914.9    | 824.7  | 6.9                                      | 0.639                                |
| 5                | 12.0    | 1124.3   | 1034.1 | 8.6                                      | 0.546                                |
| 6                | 15.0    | 1209.8   | 1119.6 | 10.0                                     | 0.479                                |
| 7                | 18.0    | 1253.6   | 1163.4 | 11.3                                     | 0.427                                |
| 8                | 21.0    | 1280.5   | 1190.3 | 12.4                                     | 0.386                                |
| 9                | 24.0    | 1298.9   | 1208.7 | 13.4                                     | 0.353                                |
| 10               | 27.0    | 1312.5   | 1222.3 | 14.2                                     | 0.325                                |
| 11               | 30.0    | 1323.7   | 1233.5 | 15.0                                     | 0.302                                |
| 12               | 33.0    | 1332.4   | 1242.2 | 15.7                                     | 0.282                                |
| 13               | 36.0    | 1338.7   | 1248.5 | 16.4                                     | 0.264                                |
| 14               | 39.0    | 1344.2   | 1254.0 | 17.0                                     | 0.248                                |
| 15               | 42.0    | 1348.5   | 1258.3 | 17.5                                     | 0.235                                |
| 16               | 45.0    | 1352.9   | 1262.7 | 18.0                                     | 0.223                                |
| D 17             | 46.6    | 1354.4   | 1264.2 | 18.3                                     | 0.216                                |
| SECOND FLOW      |         |          |        |                                          |                                      |
| E 1              | 0.0     | 101.9    |        |                                          |                                      |
| 2                | 10.0    | 96.8     | -5.1   |                                          |                                      |
| 3                | 20.0    | 100.5    | 3.7    |                                          |                                      |
| 4                | 30.0    | 103.7    | 3.2    |                                          |                                      |
| 5                | 40.0    | 107.5    | 3.7    |                                          |                                      |
| 6                | 50.0    | 110.3    | 2.8    |                                          |                                      |
| F 7              | 59.1    | 112.3    | 2.0    |                                          |                                      |
| SECOND CLOSED-IN |         |          |        |                                          |                                      |
| F 1              | 0.0     | 112.3    |        |                                          |                                      |
| 2                | 4.0     | 208.7    | 96.4   | 3.8                                      | 1.371                                |
| 3                | 8.0     | 518.9    | 406.6  | 7.4                                      | 1.084                                |
| 4                | 12.0    | 947.9    | 835.6  | 10.6                                     | 0.926                                |
| 5                | 16.0    | 1126.9   | 1014.6 | 13.6                                     | 0.818                                |
| 6                | 20.0    | 1198.8   | 1086.5 | 16.4                                     | 0.736                                |
| 7                | 24.0    | 1235.9   | 1123.6 | 18.9                                     | 0.674                                |
| 8                | 28.0    | 1260.7   | 1148.4 | 21.3                                     | 0.621                                |
| 9                | 32.0    | 1276.8   | 1164.5 | 23.5                                     | 0.579                                |

| REF                          | MINUTES | PRESSURE | AP     | $\frac{t \times \Delta t}{t + \Delta t}$ | $\log \frac{t + \Delta t}{\Delta t}$ |
|------------------------------|---------|----------|--------|------------------------------------------|--------------------------------------|
| SECOND CLOSED-IN - CONTINUED |         |          |        |                                          |                                      |
| 10                           | 36.0    | 1288.8   | 1176.5 | 25.6                                     | 0.542                                |
| 11                           | 40.0    | 1298.2   | 1185.9 | 27.6                                     | 0.509                                |
| 12                           | 44.0    | 1306.1   | 1193.8 | 29.5                                     | 0.481                                |
| 13                           | 48.0    | 1312.8   | 1200.5 | 31.2                                     | 0.456                                |
| 14                           | 52.0    | 1318.0   | 1205.7 | 32.9                                     | 0.434                                |
| 15                           | 56.0    | 1322.5   | 1210.2 | 34.4                                     | 0.414                                |
| G 16                         | 60.8    | 1327.0   | 1214.7 | 36.2                                     | 0.392                                |

REMARKS:

|             |                                                                                    | O.D.                          | I.D.  | LENGTH | DEPTH  |        |
|-------------|------------------------------------------------------------------------------------|-------------------------------|-------|--------|--------|--------|
| 1           |   | DRILL PIPE.....               | 4.500 | 3.826  | 4229.0 |        |
| 50          |   | IMPACT REVERSING SUB.....     | 5.000 | 3.000  | 1.0    | 4230.0 |
| 3           |   | DRILL COLLARS.....            | 6.250 | 2.250  | 124.0  |        |
| 5           |   | CROSSOVER.....                | 5.000 | 3.000  | 1.0    |        |
| 12          |   | DUAL CIP VALVE.....           | 5.000 | 0.870  | 6.0    |        |
| 60          |   | HYDROSPRING TESTER.....       | 5.000 | 0.750  | 5.0    | 4365.0 |
| 80          |   | AP RUNNING CASE.....          | 5.000 | 3.060  | 4.0    | 4367.0 |
| 16          |   | VR SAFETY JOINT.....          | 5.000 | 1.000  | 3.0    |        |
| 70          |   | OPEN HOLE PACKER.....         | 6.750 | 1.530  | 6.0    | 4377.0 |
| 70          |   | OPEN HOLE PACKER.....         | 6.750 | 1.530  | 6.0    | 4383.0 |
| 20          |   | FLUSH JOINT ANCHOR.....       | 5.000 | 3.840  | 29.0   |        |
| 82          |   | TEMPERATURE RUNNING CASE..... | 5.000 |        | 1.0    | 4414.0 |
| 81          |  | BLANKED-OFF RUNNING CASE..... | 5.000 |        | 4.0    | 4416.0 |
| TOTAL DEPTH |                                                                                    |                               |       |        |        | 4419.0 |

EQUIPMENT DATA

TEMPERATURE

RECORDER

CHART

10° each circle



PHOTOGRAPHIC NEGATIVE  
FOR THIS CHART ON FILE  
THREE YEARS FROM DATE AT  
HALLIBURTON - DUNCAN  
OKLA.

605981



TEMPERATURE

Recorder Chart

TKT NO. 605981 DATE 11-18-83

COMPANY Vincent oil Corp

LEASE Koyf WELL NO. 1

FIELD Wildcat COUNTY Hodgeman

DEVICE NO. 3613 RANGE 20-120 °F

CLOCK SPEED/REV. 12 hr

RECORDER DEPTH 4414 FT.

TEMPERATURE READING MAX. 118 °F

TESTER Jim Thompson  
HALLIBURTON NO. 1657 PRINTED USA

$Q_g T$

md-ft

md

$$\frac{m(P_f)}{m(P^*) - m(P_f) - 0.87 \text{ mS}} - \text{LOG} \left[ \frac{kt}{\phi \mu C_f r_w^2} + 3.23 \right]$$

$$\frac{m(P^*) - m(P_f)}{m(P^*) - m(P_f) - 0.87 \text{ mS}}$$

$$\frac{Q_g m(P^*)}{m(P^*) - m(P_f)} \quad \text{MCFD}$$

$$\sqrt{\frac{m(P^*)}{m(P^*) - m(P_f)}} \quad \text{MCFD}$$

$$\frac{kt}{\phi \mu C_f} \quad \text{ft}$$

W 605981-6177 (5)

# RECORDING PRESSURE GAUGE CHART

Ticket No. 605981 Date 11-18-83

Company Vincent oil Corp

Lease Kory Well No. 1

## FIELD READINGS

|                                |                           |                                         |                 |
|--------------------------------|---------------------------|-----------------------------------------|-----------------|
| Device No. 6177 12             |                           | Hr. Clock No. 14248                     |                 |
| B.T.<br>Gauge Depth 4367 Ft.   |                           | Estimated Gauge<br>Depth Temperature °F |                 |
| Initial Hydro.<br>Mud Pressure |                           | Thousands of Inch                       | Pressure P.S.I. |
|                                |                           | 2.040                                   | 2136            |
| 1 <sup>st</sup>                | Initial Flow Pressure     | .020                                    | 21              |
|                                | Final Flow Pressure       | .060                                    | 63              |
|                                | First Closed In Pressure  | 1.268                                   | 1327            |
| 2 <sup>nd</sup>                | Initial Flow Pressure     | .076                                    | 80              |
|                                | Final Flow Pressure       | .080                                    | 84              |
|                                | Second Closed In Pressure | 1.240                                   | 1297            |
| 3 <sup>rd</sup>                | Initial Flow Pressure     |                                         |                 |
|                                | Final Flow Pressure       |                                         |                 |
|                                | Third Closed In Pressure  |                                         |                 |
| Final Hydro.<br>Mud Pressure   |                           | 2.036                                   | 2131            |

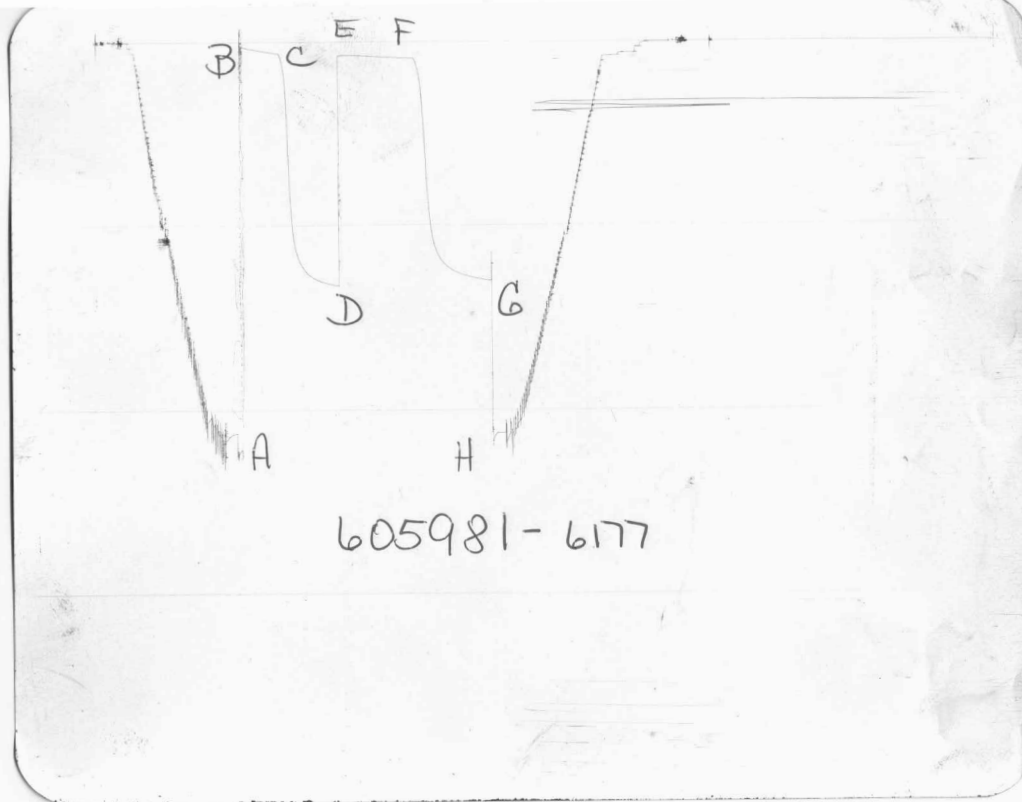
Tester Jim Thompson

Form 892-R5  
Printed in U.S.A.



A Halliburton Company

Photographic negative for this chart on file three years from date at Halliburton Duncan, Oklahoma 73536.



605981 - 6178



## RECORDING PRESSURE GAUGE CHART

Ticket No. 605981 Date 11-18-83Company Vincent Oil CorpLease Kouf Well No. 1

## FIELD READINGS

|                                     |                              |                                                     |                 |
|-------------------------------------|------------------------------|-----------------------------------------------------|-----------------|
| Device No. <u>6178</u>              |                              | Hr. Clock No. <u>12</u>                             | <u>16165</u>    |
| B.T.<br>Gauge Depth <u>4416</u> Ft. |                              | Estimated Gauge<br>Depth Temperature <u>118°</u> °F |                 |
|                                     |                              | Thousands of Inch                                   | Pressure P.S.I. |
| Initial Hydro.<br>Mud Pressure      |                              |                                                     |                 |
| 1 <sup>st</sup>                     | Initial Flow<br>Pressure     |                                                     |                 |
|                                     | Final Flow<br>Pressure       |                                                     |                 |
|                                     | First Closed<br>In Pressure  |                                                     |                 |
|                                     |                              |                                                     |                 |
| 2 <sup>nd</sup>                     | Initial Flow<br>Pressure     |                                                     |                 |
|                                     | Final Flow<br>Pressure       |                                                     |                 |
|                                     | Second Closed<br>In Pressure |                                                     |                 |
|                                     |                              |                                                     |                 |
| 3 <sup>rd</sup>                     | Initial Flow<br>Pressure     |                                                     |                 |
|                                     | Final Flow<br>Pressure       |                                                     |                 |
|                                     | Third Closed<br>In Pressure  |                                                     |                 |
|                                     |                              |                                                     |                 |
| Final Hydro.<br>Mud Pressure        |                              |                                                     |                 |

Tester

Jim ThompsonForm 892-R5  
Printed in U.S.A.

A Halliburton Company

Photographic negative for this  
chart on file three years from date  
at Halliburton Duncan, Oklahoma  
73536.



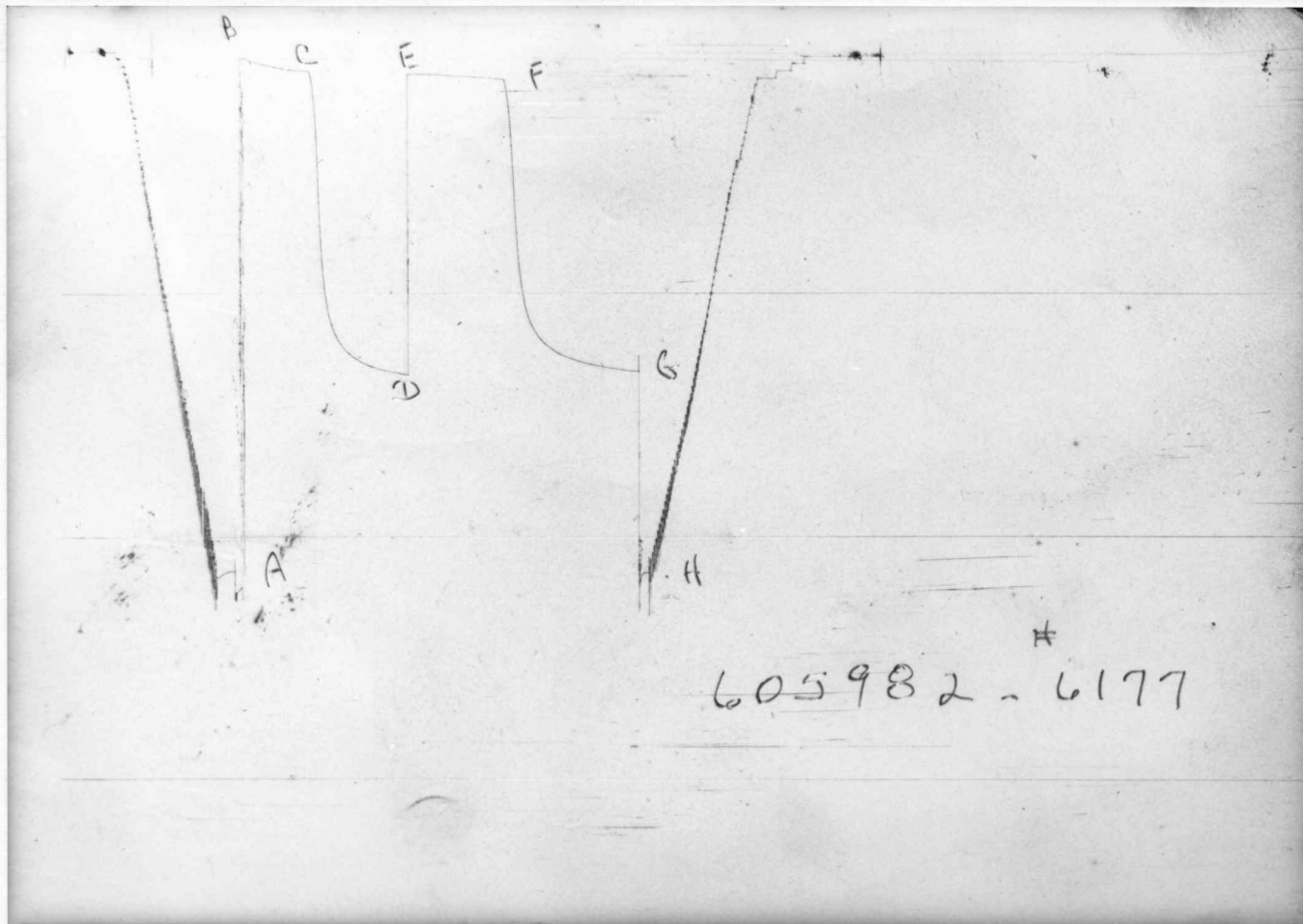
TICKET NO. 60598200

29-NOV-83

NESS CITY

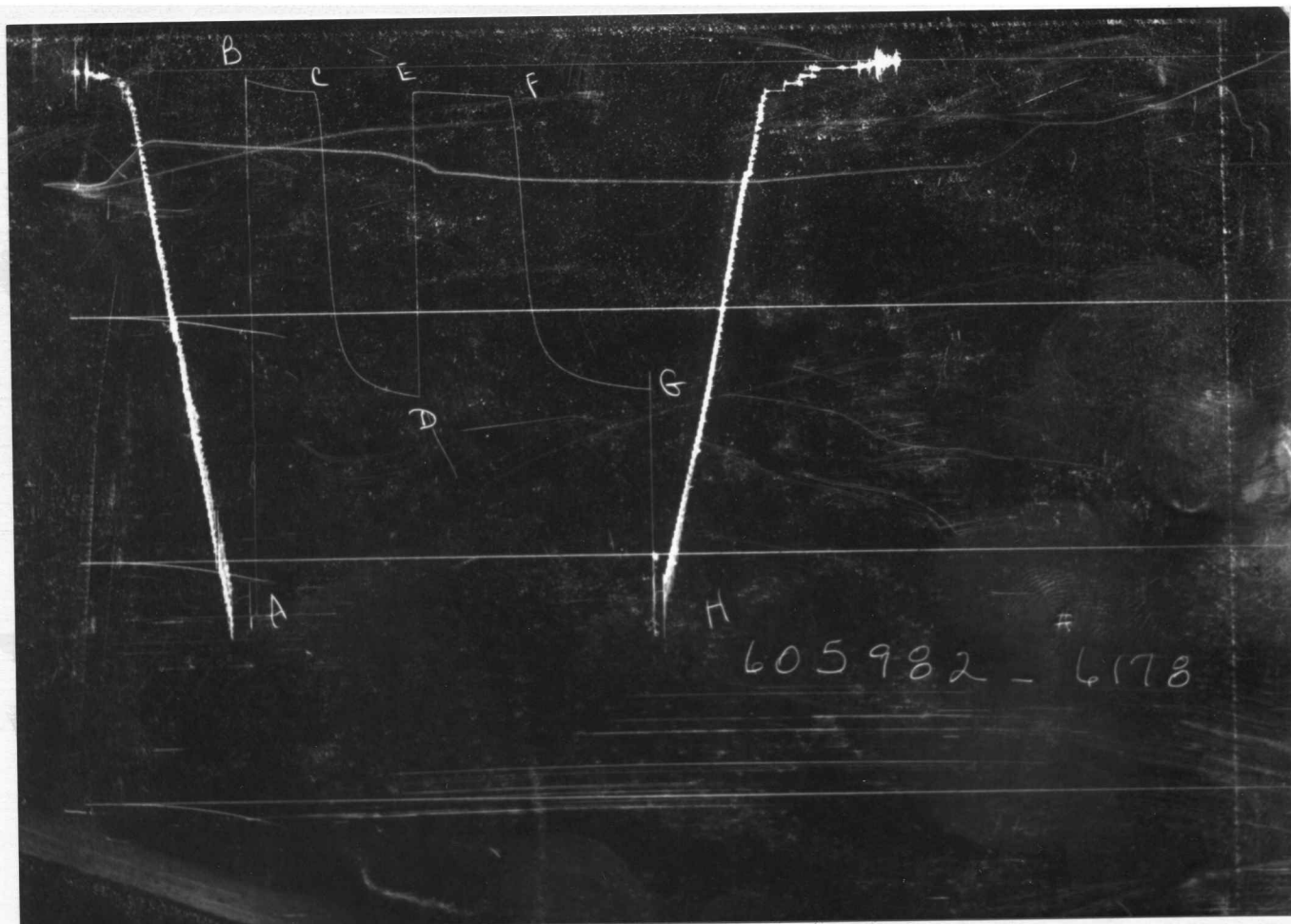
# FORMATION TESTING SERVICE REPORT

|                                      |              |               |                 |                          |
|--------------------------------------|--------------|---------------|-----------------|--------------------------|
| KORF                                 | 1            | 2             | 4382.1 - 4423.1 | VINCENT OIL CORPORATION  |
| LEASE NAME                           | WELL NO.     | TEST NO.      | TESTED INTERVAL | LEASE OWNER/COMPANY NAME |
| LEGAL LOCATION<br>SEC. - TWP. - RNG. | 18 - 22 - 21 | FIELD<br>AREA | WILDCAT         | COUNTY                   |
|                                      |              |               |                 | HODGEMAN                 |
|                                      |              |               |                 | STATE                    |
|                                      |              |               |                 | KANSAS                   |
|                                      |              |               |                 | NM                       |



GAUGE NO: 6177 DEPTH: 4366.0 BLANKED OFF: NO HOUR OF CLOCK: 12

| ID | DESCRIPTION              | PRESSURE |            | TIME     |            | TYPE |
|----|--------------------------|----------|------------|----------|------------|------|
|    |                          | REPORTED | CALCULATED | REPORTED | CALCULATED |      |
| A  | INITIAL HYDROSTATIC      | 2136     | 2132.8     |          |            |      |
| B  | INITIAL FIRST FLOW       | 21       | 28.9       |          |            |      |
| C  | FINAL FIRST FLOW         | 70       | 81.2       | 45.0     | 41.3       | F    |
| C  | INITIAL FIRST CLOSED-IN  | 70       | 81.2       |          |            |      |
| D  | FINAL FIRST CLOSED-IN    | 1318     | 1324.6     | 60.0     | 59.5       | C    |
| E  | INITIAL SECOND FLOW      | 87       | 99.5       |          |            |      |
| F  | FINAL SECOND FLOW        | 106      | 112.1      | 60.0     | 57.7       | F    |
| F  | INITIAL SECOND CLOSED-IN | 106      | 112.1      |          |            |      |
| G  | FINAL SECOND CLOSED-IN   | 1297     | 1309.1     | 75.0     | 81.4       | C    |
| H  | FINAL HYDROSTATIC        | 2136     | 2138.3     |          |            |      |



GAUGE NO: 6178 DEPTH: 4420.0 BLANKED OFF: YES HOUR OF CLOCK: 12

| ID | DESCRIPTION              | PRESSURE |            | TIME     |            | TYPE |
|----|--------------------------|----------|------------|----------|------------|------|
|    |                          | REPORTED | CALCULATED | REPORTED | CALCULATED |      |
| A  | INITIAL HYDROSTATIC      |          | 2141.2     |          |            |      |
| B  | INITIAL FIRST FLOW       |          | 44.0       |          |            |      |
| C  | FINAL FIRST FLOW         |          | 97.5       | 45.0     | 41.3       | F    |
| C  | INITIAL FIRST CLOSED-IN  |          | 97.5       |          |            |      |
| D  | FINAL FIRST CLOSED-IN    |          | 1338.0     | 60.0     | 59.5       | C    |
| E  | INITIAL SECOND FLOW      |          | 110.6      |          |            |      |
| F  | FINAL SECOND FLOW        |          | 128.5      | 60.0     | 57.7       | F    |
| F  | INITIAL SECOND CLOSED-IN |          | 128.5      |          |            |      |
| G  | FINAL SECOND CLOSED-IN   |          | 1322.1     | 75.0     | 81.4       | C    |
| H  | FINAL HYDROSTATIC        |          | 2148.0     |          |            |      |

## EQUIPMENT & HOLE DATA

FORMATION TESTED: MISSISSIPPIAN  
 NET PAY (ft): 6.0  
 GROSS TESTED FOOTAGE: 41.0  
 ALL DEPTHS MEASURED FROM: KELLY BUSHING  
 CASING PERFS. (ft): \_\_\_\_\_  
 HOLE OR CASING SIZE (in): 7.875  
 ELEVATION (ft): 2177  
 TOTAL DEPTH (ft): 4423.0  
 PACKER DEPTH(S) (ft): 4376, 4382  
 FINAL SURFACE CHOKE (in): 0.250  
 BOTTOM HOLE CHOKE (in): 0.750  
 MUD WEIGHT (lb/gal): 9.40  
 MUD VISCOSITY (sec): 70  
 ESTIMATED HOLE TEMP. (°F): \_\_\_\_\_  
 ACTUAL HOLE TEMP. (°F): 120 @ 4418.0 ft

TICKET NUMBER: 60598200

DATE: 11-19-83 TEST NO: 2

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:  
NESS CITY

TESTER: J. THOMPSON

WITNESS: L. FRIEND

DRILLING CONTRACTOR:  
WHEATSTATE DRILLING # 3

## FLUID PROPERTIES FOR RECOVERED MUD & WATER

| SOURCE   | RESISTIVITY | CHLORIDES        |
|----------|-------------|------------------|
| PITS     | @ _____ °F  | <u>14000</u> ppm |
| RECOVERY | @ _____ °F  | <u>15500</u> ppm |
| _____    | @ _____ °F  | _____ ppm        |
| _____    | @ _____ °F  | _____ ppm        |
| _____    | @ _____ °F  | _____ ppm        |
| _____    | @ _____ °F  | _____ ppm        |

## SAMPLER DATA

Pstg AT SURFACE: \_\_\_\_\_  
 cu.ft. OF GAS: \_\_\_\_\_  
 cc OF OIL: \_\_\_\_\_  
 cc OF WATER: \_\_\_\_\_  
 cc OF MUD: \_\_\_\_\_  
 TOTAL LIQUID cc: \_\_\_\_\_

## HYDROCARBON PROPERTIES

OIL GRAVITY (°API): 36.2 @ 60°F  
 GAS/OIL RATIO (cu.ft. per bbl): \_\_\_\_\_  
 GAS GRAVITY: \_\_\_\_\_

## CUSHION DATA

TYPE      AMOUNT      WEIGHT

## RECOVERED:

228 FEET TOTAL RECOVERY CONSISTING OF 40' CLEAN OIL, 2' HEAVY OIL CUT MUD - 50% OIL AND 50% MUD., 62' OF OIL CUT MUD - 40% OIL AND 60% MUD, 62' SLIGHTLY OIL CUT MUD - 90% MUD AND 10% OIL, 62' SLIGHTLY OIL CUT WATERY MUD-34% WATER, 64% MUD AND 2% OIL.

MEASURED FROM  
TESTER VALVE

## REMARKS:

|                                     |                            |
|-------------------------------------|----------------------------|
| TYPE & SIZE MEASURING DEVICE: _____ | TICKET NO: <u>60598200</u> |
|-------------------------------------|----------------------------|

TICKET NO: 60598200[illegible]

TICKET NO: 60598200

CLOCK NO: 14248 HOUR: 12


  
HALLIBURTON
   
SERVICES

GAUGE NO: 6177

DEPTH: 4366.0

| REF             | MINUTES | PRESSURE | ΔP     | $\frac{t \times \Delta t}{t + \Delta t}$ | $\log \frac{t + \Delta t}{\Delta t}$ |
|-----------------|---------|----------|--------|------------------------------------------|--------------------------------------|
| FIRST FLOW      |         |          |        |                                          |                                      |
| B 1             | 0.0     | 28.9     |        |                                          |                                      |
| 2               | 5.0     | 34.6     | 5.7    |                                          |                                      |
| 3               | 10.0    | 45.1     | 10.5   |                                          |                                      |
| 4               | 15.0    | 54.0     | 8.9    |                                          |                                      |
| 5               | 20.0    | 61.7     | 7.7    |                                          |                                      |
| 6               | 25.0    | 68.5     | 6.8    |                                          |                                      |
| 7               | 30.0    | 75.5     | 7.1    |                                          |                                      |
| 8               | 35.0    | 77.1     | 1.6    |                                          |                                      |
| 9               | 40.0    | 79.4     | 2.3    |                                          |                                      |
| C 10            | 41.3    | 81.2     | 1.8    |                                          |                                      |
| FIRST CLOSED-IN |         |          |        |                                          |                                      |
| C 1             | 0.0     | 81.2     |        |                                          |                                      |
| 2               | 1.0     | 105.5    | 24.3   | 0.9                                      | 1.640                                |
| 3               | 2.0     | 147.0    | 65.8   | 1.9                                      | 1.333                                |
| 4               | 3.0     | 211.9    | 130.7  | 2.8                                      | 1.166                                |
| 5               | 4.0     | 311.6    | 230.4  | 3.6                                      | 1.055                                |
| 6               | 5.0     | 474.6    | 393.4  | 4.5                                      | 0.965                                |
| 7               | 6.0     | 618.1    | 536.9  | 5.2                                      | 0.900                                |
| 8               | 7.0     | 763.3    | 682.1  | 6.0                                      | 0.842                                |
| 9               | 8.0     | 874.8    | 793.6  | 6.7                                      | 0.789                                |
| 10              | 9.0     | 956.7    | 875.4  | 7.4                                      | 0.746                                |
| 11              | 10.0    | 1011.7   | 930.5  | 8.1                                      | 0.711                                |
| 12              | 12.0    | 1083.9   | 1002.7 | 9.3                                      | 0.647                                |
| 13              | 14.0    | 1129.9   | 1048.7 | 10.5                                     | 0.596                                |
| 14              | 16.0    | 1163.8   | 1082.6 | 11.5                                     | 0.555                                |
| 15              | 18.0    | 1188.6   | 1107.3 | 12.5                                     | 0.518                                |
| 16              | 20.0    | 1208.1   | 1126.9 | 13.5                                     | 0.486                                |
| 17              | 22.0    | 1224.7   | 1143.5 | 14.4                                     | 0.459                                |
| 18              | 24.0    | 1237.9   | 1156.7 | 15.2                                     | 0.435                                |
| 19              | 26.0    | 1248.9   | 1167.6 | 16.0                                     | 0.413                                |
| 20              | 28.0    | 1259.0   | 1177.8 | 16.7                                     | 0.394                                |
| 21              | 30.0    | 1267.3   | 1186.0 | 17.4                                     | 0.376                                |
| 22              | 35.0    | 1284.3   | 1203.1 | 19.0                                     | 0.338                                |
| 23              | 40.0    | 1296.0   | 1214.8 | 20.3                                     | 0.308                                |
| 24              | 45.0    | 1305.8   | 1224.6 | 21.5                                     | 0.283                                |
| 25              | 50.0    | 1313.1   | 1231.9 | 22.6                                     | 0.262                                |
| 26              | 55.0    | 1319.4   | 1238.2 | 23.6                                     | 0.243                                |
| D 27            | 59.5    | 1324.6   | 1243.4 | 24.4                                     | 0.229                                |
| SECOND FLOW     |         |          |        |                                          |                                      |
| E 1             | 0.0     | 99.5     |        |                                          |                                      |
| 2               | 10.0    | 92.1     | -7.4   |                                          |                                      |
| 3               | 20.0    | 94.8     | 2.7    |                                          |                                      |
| 4               | 30.0    | 99.2     | 4.3    |                                          |                                      |
| 5               | 40.0    | 103.9    | 4.7    |                                          |                                      |
| 6               | 50.0    | 107.7    | 3.8    |                                          |                                      |
| F 7             | 57.7    | 112.1    | 4.4    |                                          |                                      |

| REF              | MINUTES | PRESSURE | ΔP     | $\frac{t \times \Delta t}{t + \Delta t}$ | $\log \frac{t + \Delta t}{\Delta t}$ |
|------------------|---------|----------|--------|------------------------------------------|--------------------------------------|
| SECOND CLOSED-IN |         |          |        |                                          |                                      |
| F 1              | 0.0     | 112.1    |        |                                          |                                      |
| 2                | 1.0     | 130.3    | 18.1   | 1.0                                      | 1.992                                |
| 3                | 2.0     | 168.2    | 56.1   | 2.0                                      | 1.699                                |
| 4                | 3.0     | 225.2    | 113.1  | 3.0                                      | 1.526                                |
| 5                | 4.0     | 301.8    | 189.7  | 3.9                                      | 1.406                                |
| 6                | 5.0     | 407.5    | 295.4  | 4.8                                      | 1.316                                |
| 7                | 6.0     | 519.4    | 407.2  | 5.6                                      | 1.245                                |
| 8                | 7.0     | 648.8    | 536.6  | 6.5                                      | 1.182                                |
| 9                | 8.0     | 752.9    | 640.8  | 7.4                                      | 1.129                                |
| 10               | 9.0     | 852.5    | 740.4  | 8.2                                      | 1.080                                |
| 11               | 10.0    | 919.9    | 807.8  | 9.1                                      | 1.037                                |
| 12               | 12.0    | 1007.7   | 895.6  | 10.7                                     | 0.968                                |
| 13               | 14.0    | 1069.0   | 956.9  | 12.3                                     | 0.907                                |
| 14               | 16.0    | 1106.0   | 993.9  | 13.8                                     | 0.857                                |
| 15               | 18.0    | 1134.9   | 1022.8 | 15.2                                     | 0.814                                |
| 16               | 20.0    | 1157.0   | 1044.8 | 16.6                                     | 0.775                                |
| 17               | 22.0    | 1174.6   | 1062.5 | 18.0                                     | 0.741                                |
| 18               | 24.0    | 1190.6   | 1078.5 | 19.3                                     | 0.710                                |
| 19               | 26.0    | 1202.4   | 1090.3 | 20.6                                     | 0.682                                |
| 20               | 28.0    | 1213.7   | 1101.6 | 21.8                                     | 0.657                                |
| 21               | 30.0    | 1222.9   | 1110.7 | 23.0                                     | 0.634                                |
| 22               | 35.0    | 1242.3   | 1130.2 | 25.8                                     | 0.584                                |
| 23               | 40.0    | 1256.1   | 1144.0 | 28.5                                     | 0.541                                |
| 24               | 45.0    | 1267.2   | 1155.0 | 31.0                                     | 0.505                                |
| 25               | 50.0    | 1276.0   | 1163.9 | 33.2                                     | 0.474                                |
| 26               | 55.0    | 1283.6   | 1171.4 | 35.4                                     | 0.447                                |
| 27               | 60.0    | 1290.0   | 1177.9 | 37.4                                     | 0.424                                |
| 28               | 70.0    | 1300.6   | 1188.5 | 41.0                                     | 0.383                                |
| 29               | 80.0    | 1308.6   | 1196.5 | 44.3                                     | 0.350                                |
| G 30             | 81.4    | 1309.1   | 1197.0 | 44.7                                     | 0.346                                |

REMARKS:

TICKET NO: 60598200

CLOCK NO: 16165 HOUR: 12



GAUGE NO: 6178

DEPTH: 4420.0

| REF             | MINUTES | PRESSURE | ΔP     | $\frac{t \times \Delta t}{t + \Delta t}$ | $\log \frac{t + \Delta t}{\Delta t}$ |
|-----------------|---------|----------|--------|------------------------------------------|--------------------------------------|
| FIRST FLOW      |         |          |        |                                          |                                      |
| B 1             | 0.0     | 44.0     |        |                                          |                                      |
| 2               | 5.0     | 53.5     | 9.6    |                                          |                                      |
| 3               | 10.0    | 64.1     | 10.6   |                                          |                                      |
| 4               | 15.0    | 73.1     | 9.0    |                                          |                                      |
| 5               | 20.0    | 80.1     | 7.1    |                                          |                                      |
| 6               | 25.0    | 87.5     | 7.4    |                                          |                                      |
| 7               | 30.0    | 92.9     | 5.4    |                                          |                                      |
| 8               | 35.0    | 94.8     | 1.8    |                                          |                                      |
| 9               | 40.0    | 97.2     | 2.4    |                                          |                                      |
| C 10            | 41.3    | 97.5     | 0.3    |                                          |                                      |
| FIRST CLOSED-IN |         |          |        |                                          |                                      |
| C 1             | 0.0     | 97.5     |        |                                          |                                      |
| 2               | 1.0     | 125.0    | 27.5   | 1.0                                      | 1.618                                |
| 3               | 2.0     | 164.8    | 67.3   | 1.9                                      | 1.342                                |
| 4               | 3.0     | 228.9    | 131.5  | 2.8                                      | 1.173                                |
| 5               | 4.0     | 332.3    | 234.8  | 3.6                                      | 1.056                                |
| 6               | 5.0     | 490.7    | 393.2  | 4.5                                      | 0.966                                |
| 7               | 6.0     | 639.6    | 542.2  | 5.2                                      | 0.898                                |
| 8               | 7.0     | 770.9    | 673.4  | 6.0                                      | 0.839                                |
| 9               | 8.0     | 879.7    | 782.2  | 6.7                                      | 0.790                                |
| 10              | 9.0     | 956.9    | 859.5  | 7.4                                      | 0.748                                |
| 11              | 10.0    | 1011.2   | 913.7  | 8.0                                      | 0.712                                |
| 12              | 12.0    | 1089.5   | 992.0  | 9.3                                      | 0.648                                |
| 13              | 14.0    | 1138.9   | 1041.4 | 10.4                                     | 0.597                                |
| 14              | 16.0    | 1175.1   | 1077.6 | 11.6                                     | 0.554                                |
| 15              | 18.0    | 1200.9   | 1103.4 | 12.5                                     | 0.519                                |
| 16              | 20.0    | 1220.9   | 1123.4 | 13.5                                     | 0.487                                |
| 17              | 22.0    | 1237.6   | 1140.1 | 14.4                                     | 0.459                                |
| 18              | 24.0    | 1251.1   | 1153.6 | 15.2                                     | 0.435                                |
| 19              | 26.0    | 1262.2   | 1164.7 | 15.9                                     | 0.414                                |
| 20              | 28.0    | 1271.8   | 1174.3 | 16.7                                     | 0.394                                |
| 21              | 30.0    | 1279.8   | 1182.3 | 17.4                                     | 0.376                                |
| 22              | 35.0    | 1296.5   | 1199.0 | 18.9                                     | 0.339                                |
| 23              | 40.0    | 1309.5   | 1212.0 | 20.3                                     | 0.308                                |
| 24              | 45.0    | 1318.8   | 1221.3 | 21.5                                     | 0.283                                |
| 25              | 50.0    | 1326.4   | 1228.9 | 22.6                                     | 0.262                                |
| 26              | 55.0    | 1333.3   | 1235.9 | 23.6                                     | 0.243                                |
| D 27            | 59.5    | 1338.0   | 1240.5 | 24.4                                     | 0.229                                |
| SECOND FLOW     |         |          |        |                                          |                                      |
| E 1             | 0.0     | 110.6    |        |                                          |                                      |
| 2               | 10.0    | 105.4    | -5.1   |                                          |                                      |
| 3               | 20.0    | 109.7    | 4.2    |                                          |                                      |
| 4               | 30.0    | 115.5    | 5.8    |                                          |                                      |
| 5               | 40.0    | 119.6    | 4.0    |                                          |                                      |
| 6               | 50.0    | 124.6    | 5.0    |                                          |                                      |
| F 7             | 57.7    | 128.5    | 3.9    |                                          |                                      |

| REF              | MINUTES | PRESSURE | ΔP     | $\frac{t \times \Delta t}{t + \Delta t}$ | $\log \frac{t + \Delta t}{\Delta t}$ |
|------------------|---------|----------|--------|------------------------------------------|--------------------------------------|
| SECOND CLOSED-IN |         |          |        |                                          |                                      |
| F 1              | 0.0     | 128.5    |        |                                          |                                      |
| 2                | 1.0     | 159.9    | 31.4   | 1.0                                      | 2.017                                |
| 3                | 2.0     | 202.4    | 73.9   | 2.0                                      | 1.704                                |
| 4                | 3.0     | 264.2    | 135.7  | 2.9                                      | 1.533                                |
| 5                | 4.0     | 338.0    | 209.5  | 3.8                                      | 1.415                                |
| 6                | 5.0     | 441.6    | 313.1  | 4.7                                      | 1.319                                |
| 7                | 6.0     | 555.1    | 426.6  | 5.7                                      | 1.244                                |
| 8                | 7.0     | 671.8    | 543.3  | 6.5                                      | 1.182                                |
| 9                | 8.0     | 774.6    | 646.1  | 7.4                                      | 1.126                                |
| 10               | 9.0     | 860.5    | 731.9  | 8.2                                      | 1.081                                |
| 11               | 10.0    | 928.4    | 799.8  | 9.1                                      | 1.039                                |
| 12               | 12.0    | 1019.2   | 890.7  | 10.7                                     | 0.966                                |
| 13               | 14.0    | 1077.8   | 949.2  | 12.3                                     | 0.908                                |
| 14               | 16.0    | 1120.0   | 991.5  | 13.8                                     | 0.856                                |
| 15               | 18.0    | 1148.6   | 1020.1 | 15.2                                     | 0.814                                |
| 16               | 20.0    | 1172.8   | 1044.3 | 16.6                                     | 0.775                                |
| 17               | 22.0    | 1191.0   | 1062.5 | 18.0                                     | 0.740                                |
| 18               | 24.0    | 1205.2   | 1076.6 | 19.3                                     | 0.710                                |
| 19               | 26.0    | 1217.8   | 1089.2 | 20.6                                     | 0.682                                |
| 20               | 28.0    | 1228.1   | 1099.6 | 21.8                                     | 0.658                                |
| 21               | 30.0    | 1237.6   | 1109.0 | 23.0                                     | 0.634                                |
| 22               | 35.0    | 1255.8   | 1127.2 | 25.9                                     | 0.583                                |
| 23               | 40.0    | 1269.8   | 1141.3 | 28.5                                     | 0.541                                |
| 24               | 45.0    | 1281.0   | 1152.5 | 30.9                                     | 0.505                                |
| 25               | 50.0    | 1289.9   | 1161.4 | 33.2                                     | 0.474                                |
| 26               | 55.0    | 1297.1   | 1168.5 | 35.4                                     | 0.447                                |
| 27               | 60.0    | 1303.2   | 1174.7 | 37.4                                     | 0.423                                |
| 28               | 70.0    | 1313.1   | 1184.6 | 41.0                                     | 0.383                                |
| 29               | 80.0    | 1321.5   | 1193.0 | 44.3                                     | 0.350                                |
| G 30             | 81.4    | 1322.1   | 1193.6 | 44.7                                     | 0.346                                |

REMARKS:

|             |                                                                                   | O.D.                          | I.D.  | LENGTH | DEPTH  |        |
|-------------|-----------------------------------------------------------------------------------|-------------------------------|-------|--------|--------|--------|
| 1           |  | DRILL PIPE.....               | 4.500 | 3.826  | 4228.0 |        |
| 50          |  | IMPACT REVERSING SUB.....     | 5.000 | 3.000  | 1.0    | 4229.0 |
| 3           |  | DRILL COLLARS.....            | 6.250 | 2.250  | 124.0  |        |
| 5           |  | CROSSOVER.....                | 5.000 | 3.000  | 1.0    |        |
| 12          |  | DUAL CIP VALVE.....           | 5.000 | 0.870  | 6.0    |        |
| 60          |  | HYDROSPRING TESTER.....       | 5.000 | 0.750  | 5.0    | 4364.0 |
| 80          |  | AP RUNNING CASE.....          | 5.000 | 3.060  | 4.0    | 4366.0 |
| 16          |  | VR SAFETY JOINT.....          | 5.000 | 1.000  | 3.0    |        |
| 70          |  | OPEN HOLE PACKER.....         | 6.750 | 1.530  | 6.0    | 4376.0 |
| 70          |  | OPEN HOLE PACKER.....         | 6.750 | 1.530  | 6.0    | 4382.0 |
| 20          |  | FLUSH JOINT ANCHOR.....       | 5.000 | 3.840  | 34.0   |        |
| 83          |  | HT-500 TEMPERATURE CASE.....  | 5.000 |        | 1.0    | 4418.0 |
| 81          |  | BLANKED-OFF RUNNING CASE..... | 5.000 |        | 4.0    | 4420.0 |
| TOTAL DEPTH |                                                                                   |                               |       |        |        | 4423.0 |

EQUIPMENT DATA

TEMPERATURE

RECORDER

CHART



10° each circle

PHOTOGRAPHIC NEGATIVE  
FOR THIS CHART ON FILE  
THREE YEARS FROM DATE AT  
HALLIBURTON - DUNCAN  
OKLA.

5

605982

TEMPERATURE

Recorder Chart

T.K.T. NO. 605982 DATE 7-19-83

COMPANY Vincent Oil Corp

LEASE Karp WELL NO. 1

FIELD WC COUNTY Hodgeman

DEVICE NO. 3613 RANGE 70-170 °F

CLOCK SPEED/REV. 12 hr

RECORDER DEPTH 4418 Ft.

TEMPERATURE READING MAX. 120 °F

TESTER Jim Thompson  
HALLIBURTON NO. 1657

PRINTED USA

WELL ANALYSIS

md-ft

md

$$G \frac{kt}{\phi \mu c_f r_w^2} + 3.23 \left] \right. \text{---}$$

m(P<sub>f</sub>)  
0.87 mS ---

MCFD

m(P<sub>f</sub>) MCFD

ft

W

# 605982-6177

## RECORDING PRESSURE GAUGE CHART

5

Ticket No. 605982 Date 11-19-83Company Vincent Oil CorpLease Korg Well No. 1

## FIELD READINGS

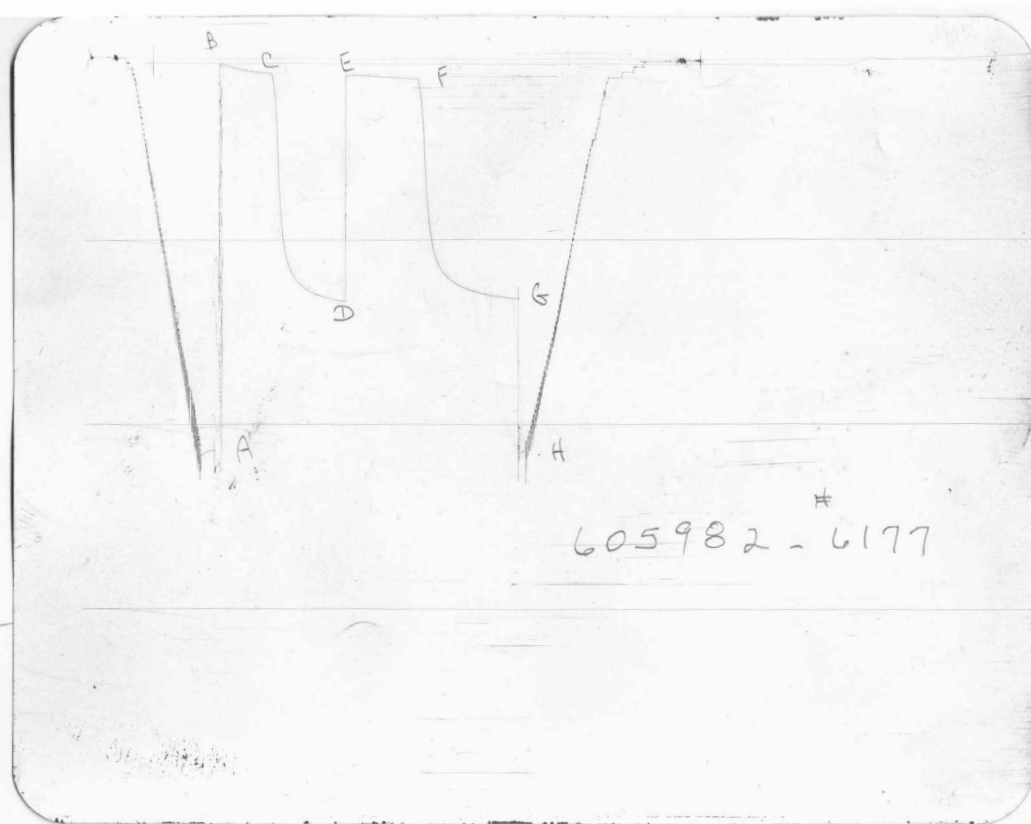
|                                  |                           |                                                 |                 |
|----------------------------------|---------------------------|-------------------------------------------------|-----------------|
| Device No. <u>6177</u>           |                           | Hr. Clock No. <u>14248</u>                      |                 |
| B.T. Gauge Depth <u>4366</u> Ft. |                           | Estimated Gauge Depth Temperature <u>110</u> °F |                 |
|                                  |                           | Thousands of Inch                               | Pressure P.S.I. |
| Initial Hydro. Mud Pressure      |                           | <u>2.040</u>                                    | <u>2136</u>     |
| 1 <sup>st</sup>                  | Initial Flow Pressure     | <u>.020</u>                                     | <u>21</u>       |
|                                  | Final Flow Pressure       | <u>.1066</u>                                    | <u>70</u>       |
|                                  | First Closed In Pressure  | <u>1.260</u>                                    | <u>1318</u>     |
| 2 <sup>nd</sup>                  | Initial Flow Pressure     | <u>.082</u>                                     | <u>87</u>       |
|                                  | Final Flow Pressure       | <u>.100</u>                                     | <u>106</u>      |
|                                  | Second Closed In Pressure | <u>1.240</u>                                    | <u>1297</u>     |
| 3 <sup>rd</sup>                  | Initial Flow Pressure     |                                                 |                 |
|                                  | Final Flow Pressure       |                                                 |                 |
|                                  | Third Closed In Pressure  |                                                 |                 |
| Final Hydro. Mud Pressure        |                           | <u>2.040</u>                                    | <u>2136</u>     |

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81-2882



605982-6178

5

## RECORDING PRESSURE GAUGE CHART

Ticket No. 605982 Date 11-19-83Company Vincent Oil CorpLease Koy Well No. 1

## FIELD READINGS

|                                     |                              |                                                    |                 |
|-------------------------------------|------------------------------|----------------------------------------------------|-----------------|
| Device No. <u>6178</u>              |                              | Hr. Clock No. <u>16165</u>                         |                 |
| B.T.<br>Gauge Depth <u>4420</u> Ft. |                              | Estimated Gauge<br>Depth Temperature <u>120</u> °F |                 |
|                                     |                              | Thousands of Inch                                  | Pressure P.S.I. |
| Initial Hydro.<br>Mud Pressure      |                              |                                                    |                 |
| 1 <sup>st</sup>                     | Initial Flow<br>Pressure     |                                                    |                 |
|                                     | Final Flow<br>Pressure       |                                                    |                 |
|                                     | First Closed<br>In Pressure  |                                                    |                 |
| 2 <sup>nd</sup>                     | Initial Flow<br>Pressure     |                                                    |                 |
|                                     | Final Flow<br>Pressure       |                                                    |                 |
|                                     | Second Closed<br>In Pressure |                                                    |                 |
| 3 <sup>rd</sup>                     | Initial Flow<br>Pressure     |                                                    |                 |
|                                     | Final Flow<br>Pressure       |                                                    |                 |
|                                     | Third Closed<br>In Pressure  |                                                    |                 |
| Final Hydro.<br>Mud Pressure        |                              |                                                    |                 |

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