

## DST REPORT

### GENERAL INFORMATION

|           |                     |           |               |
|-----------|---------------------|-----------|---------------|
| DATE      | : 9/23/94           | TICKET    | : 20935       |
| CUSTOMER  | : STAAB OIL COMPANY | LEASE     | : ALBIN       |
| WELL      | : #1                | TEST:     | 1             |
| ELEVATION | : 2720 KB           | GEOLOGIST | : MORGENSTEEN |
| SECTION   | : 17                | FORMATION | : LANSING     |
| RANGE     | : 27W               | TOWNSHIP  | : 16S         |
| GAUGE SN# | : 10270             | STATE     | : KS          |
|           | COUNTY: LANE        | CLOCK     | : 12          |
|           | RANGE : 4150        |           |               |

### WELL INFORMATION

|                            |            |                    |            |            |           |
|----------------------------|------------|--------------------|------------|------------|-----------|
| PERFORATION INTERVAL FROM: | 4181.00 ft | TO:                | 4211.00 ft | TVD:       | 4211.0 ft |
| DEPTH OF SELECTIVE ZONE:   |            |                    |            | TEST TYPE: | OIL       |
| DEPTH OF RECORDERS:        | 4202.0 ft  |                    | 4205.0 ft  |            |           |
| TEMPERATURE:               | 119.0      |                    |            |            |           |
| DRILL COLLAR LENGTH:       | 0.0 ft     | I.D.:              |            | 0.000 in   |           |
| WEIGHT PIPE LENGTH :       | 880.0 ft   | I.D.:              |            | 2.700 in   |           |
| DRILL PIPE LENGTH :        | 3281.0 ft  | I.D.:              |            | 3.800 in   |           |
| TEST TOOL LENGTH :         | 20.0 ft    | TOOL SIZE :        |            | 5.500 in   |           |
| ANCHOR LENGTH :            | 30.0 ft    | ANCHOR SIZE:       |            | 5.500 in   |           |
| SURFACE CHOKE SIZE :       | 0.750 in   | BOTTOM CHOKE SIZE: |            | 0.750 in   |           |
| MAIN HOLE SIZE :           | 7.875 in   | TOOL JOINT SIZE :  |            | 4.5XH      |           |
| PACKER DEPTH:              | 4176.0 ft  | SIZE:              |            | 6.630 in   |           |
| PACKER DEPTH:              | 4181.0 ft  | SIZE:              |            | 6.630 in   |           |
| PACKER DEPTH:              | 0.0 ft     | SIZE:              |            | 0.000 in   |           |
| PACKER DEPTH:              | 0.0 ft     | SIZE:              |            | 0.000 in   |           |

### MUD INFORMATION

|                 |                    |                |           |
|-----------------|--------------------|----------------|-----------|
| DRILLING CON. : | SHIELDS DRLG RIG 1 | VISCOSITY :    | 46.00 cp  |
| MUD TYPE :      | CHEMICAL           | WATER LOSS:    | 10.400 cc |
| WEIGHT :        | 9.400 ppg          |                |           |
| CHLORIDES :     | 4000 ppm           | SERIAL NUMBER: |           |
| JARS-MAKE :     |                    | REVERSED OUT?: | NO        |
| DID WELL FLOW?: | NO                 |                |           |

### COMMENTS

#### Comment

INITIAL FLOW PERIOD WEAK BLOW THROUGHOUT - 1/4 TO  
1 1/2 INCH BLOW. FINAL FLOW PERIOD WEAK BLOW  
THROUGHOUT - 1/2 TO 1 INCH BLOW.

# DST REPORT (CONTINUED)

## FLUID RECOVERY

| Feet of Fluid | % Oil | % Gas | % Water | % Mud | Comments                  |
|---------------|-------|-------|---------|-------|---------------------------|
| 0.0           | 0.0   | 0.0   | 0.0     | 0.0   | 60 FT GAS ABOVE FLUID     |
| 55.0          | 6.0   | 0.0   | 44.0    | 50.0  | OIL CUT WATERY MUD        |
| 60.0          | 0.0   | 0.0   | 53.0    | 47.0  | MUDDY WATER W/SHOW OF OIL |
| 0.0           | 0.0   | 0.0   | 0.0     | 0.0   | CHLORIDES 18000 PPM       |

## RATE INFORMATION

|               |            |                     |               |
|---------------|------------|---------------------|---------------|
| OIL VOLUME:   | 0.0234 STB |                     |               |
| GAS VOLUME:   | 0.0000 SCF | TOTAL FLOW TIME:    | 120.0000 min. |
| MUD VOLUME:   | 0.3944 STB | AVERAGE OIL RATE:   | 0.5608 STB/D  |
| WATER VOLUME: | 0.3965 STB | AVERAGE WATER RATE: | 9.2112 STB/D  |
| TOTAL FLUID : | 0.8143 STB |                     |               |

## FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2077.00

| Description     | Duration | p1    | p End   |
|-----------------|----------|-------|---------|
| INITIAL FLOW    | 60.00    | 31.00 | 41.00   |
| INITIAL SHUT-IN | 45.00    |       | 1008.00 |
| FINAL FLOW      | 60.00    | 62.00 | 72.00   |
| FINAL SHUT-IN   | 45.00    |       | 935.00  |

FINAL HYDROSTATIC PRESSURE: 2056.00

## OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2098.00

| Description     | Duration | p1    | p End   |
|-----------------|----------|-------|---------|
| INITIAL FLOW    | 60.00    | 46.00 | 55.00   |
| INITIAL SHUT-IN | 42.00    |       | 1029.00 |
| FINAL FLOW      | 60.00    | 72.00 | 84.00   |
| FINAL SHUT-IN   | 42.00    |       | 949.00  |

FINAL HYDROSTATIC PRESSURE: 2064.00

# PRESSURE TRANSIENT REPORT

## GENERAL INFORMATION

|            |                     |            |             |
|------------|---------------------|------------|-------------|
| DATE       | : 9/23/94           | TICKET     | : 20935     |
| CUSTOMER   | : STAAB OIL COMPANY | LEASE      | : ALBIN     |
| WELL       | : #1                | TEST:      | 1           |
| ELEVATION: | 2720 KB             | GEOLOGIST: | MORGENSTEEN |
| SECTION    | : 17                | FORMATION: | LANSING     |
| RANGE      | : 27W               | TOWNSHIP   | : 16S       |
| GAUGE SN#: | 10270               | STATE      | : KS        |
|            | COUNTY: LANE        | CLOCK      | : 12        |
|            | RANGE : 4150        |            |             |

## INITIAL FLOW

| Time<br>(min) | Pressure | Delta P |
|---------------|----------|---------|
| 0.00          | 46.00    | 46.00   |
| 5.00          | 46.00    | 0.00    |
| 10.00         | 46.00    | 0.00    |
| 15.00         | 46.00    | 0.00    |
| 20.00         | 46.00    | 0.00    |
| 25.00         | 46.00    | 0.00    |
| 30.00         | 48.00    | 2.00    |
| 35.00         | 50.00    | 2.00    |
| 40.00         | 51.00    | 1.00    |
| 45.00         | 52.00    | 1.00    |
| 50.00         | 53.00    | 1.00    |
| 55.00         | 54.00    | 1.00    |
| 60.00         | 55.00    | 1.00    |

## INITIAL SHUT IN

| Time<br>(min) | Pressure | Delta P | Horner T |
|---------------|----------|---------|----------|
| 3.00          | 511.00   | 511.00  | 21.00    |
| 6.00          | 797.00   | 286.00  | 11.00    |
| 9.00          | 872.00   | 75.00   | 7.67     |
| 12.00         | 905.00   | 33.00   | 6.00     |
| 15.00         | 930.00   | 25.00   | 5.00     |
| 18.00         | 954.00   | 24.00   | 4.33     |
| 21.00         | 970.00   | 16.00   | 3.86     |
| 24.00         | 983.00   | 13.00   | 3.50     |
| 27.00         | 995.00   | 12.00   | 3.22     |
| 30.00         | 1004.00  | 9.00    | 3.00     |
| 33.00         | 1011.00  | 7.00    | 2.82     |
| 36.00         | 1019.00  | 8.00    | 2.67     |
| 39.00         | 1024.00  | 5.00    | 2.54     |

# PRESSURE TRANSIENT REPORT (CONTINUED)

## INITIAL SHUT IN (CONTINUED)

| Time<br>(min) | Pressure | Delta P | Horner T |
|---------------|----------|---------|----------|
| 42.00         | 1029.00  | 5.00    | 2.43     |

## FINAL FLOW

| Time<br>(min) | Pressure | Delta P |
|---------------|----------|---------|
| 0.00          | 72.00    | 72.00   |
| 5.00          | 72.00    | 0.00    |
| 10.00         | 73.00    | 1.00    |
| 15.00         | 73.00    | 0.00    |
| 20.00         | 74.00    | 1.00    |
| 25.00         | 75.00    | 1.00    |
| 30.00         | 76.00    | 1.00    |
| 35.00         | 77.00    | 1.00    |
| 40.00         | 78.00    | 1.00    |
| 45.00         | 79.00    | 1.00    |
| 50.00         | 80.00    | 1.00    |
| 55.00         | 82.00    | 2.00    |
| 60.00         | 84.00    | 2.00    |

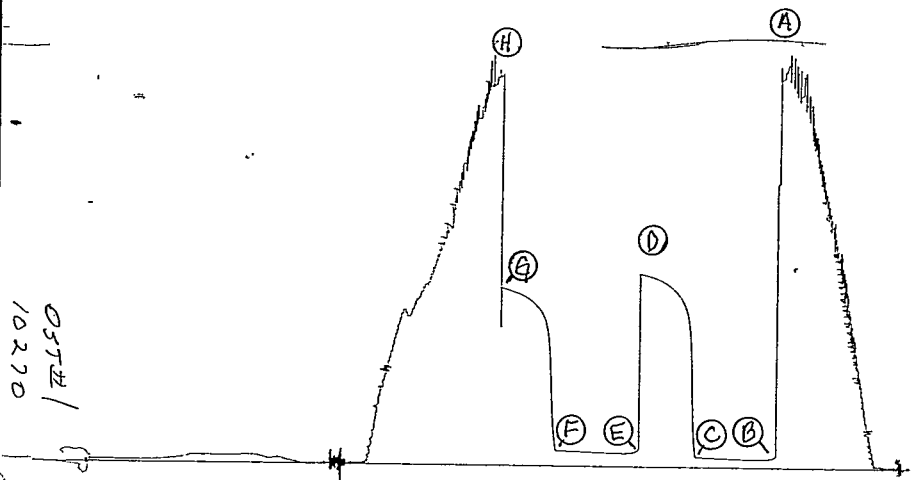
## FINAL SHUT IN

| Time<br>(min) | Pressure | Delta P | Horner T |
|---------------|----------|---------|----------|
| 3.00          | 327.00   | 327.00  | 21.00    |
| 6.00          | 665.00   | 338.00  | 11.00    |
| 9.00          | 780.00   | 115.00  | 7.67     |
| 12.00         | 820.00   | 40.00   | 6.00     |
| 15.00         | 851.00   | 31.00   | 5.00     |
| 18.00         | 872.00   | 21.00   | 4.33     |
| 21.00         | 891.00   | 19.00   | 3.86     |
| 24.00         | 905.00   | 14.00   | 3.50     |
| 27.00         | 913.00   | 8.00    | 3.22     |
| 30.00         | 923.00   | 10.00   | 3.00     |
| 33.00         | 930.00   | 7.00    | 2.82     |
| 36.00         | 937.00   | 7.00    | 2.67     |
| 39.00         | 943.00   | 6.00    | 2.54     |
| 42.00         | 949.00   | 6.00    | 2.43     |

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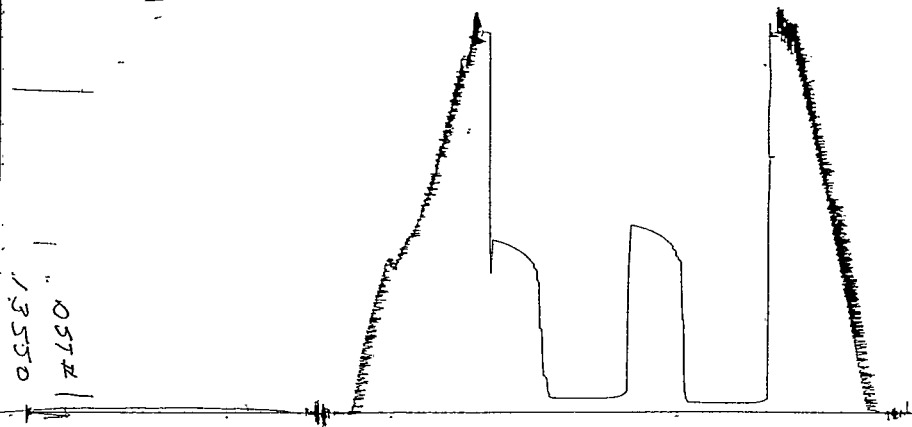
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## DST REPORT

### GENERAL INFORMATION

|           |                     |           |               |
|-----------|---------------------|-----------|---------------|
| DATE      | : 9/24/94           | TICKET    | : 20936       |
| CUSTOMER  | : STAAB OIL COMPANY | LEASE     | : ALBIN       |
| WELL      | : #1                | TEST      | : 2           |
| ELEVATION | : 2720 KB           | GEOLOGIST | : MORGENSTEEN |
| SECTION   | : 17                | FORMATION | : LANSING     |
| RANGE     | : 27W               | TOWNSHIP  | : 16S         |
| GAUGE SN# | : 10270             | STATE     | : KS          |
|           | COUNTY: LANE        | CLOCK     | : 12          |
|           | RANGE : 4150        |           |               |

### WELL INFORMATION

|                            |            |                    |            |            |           |
|----------------------------|------------|--------------------|------------|------------|-----------|
| PERFORATION INTERVAL FROM: | 4215.00 ft | TO:                | 4231.00 ft | TVD:       | 4231.0 ft |
| DEPTH OF SELECTIVE ZONE:   |            |                    |            | TEST TYPE: | OIL       |
| DEPTH OF RECORDERS:        | 4223.0 ft  |                    | 4226.0 ft  |            |           |
| TEMPERATURE:               | 127.0      |                    |            |            |           |
| DRILL COLLAR LENGTH:       | 0.0 ft     | I.D.:              |            | 0.000 in   |           |
| WEIGHT PIPE LENGTH :       | 880.0 ft   | I.D.:              |            | 2.700 in   |           |
| DRILL PIPE LENGTH :        | 3315.0 ft  | I.D.:              |            | 3.800 in   |           |
| TEST TOOL LENGTH :         | 20.0 ft    | TOOL SIZE :        |            | 5.500 in   |           |
| ANCHOR LENGTH :            | 16.0 ft    | ANCHOR SIZE:       |            | 5.500 in   |           |
| SURFACE CHOKE SIZE :       | 0.750 in   | BOTTOM CHOKE SIZE: |            | 0.750 in   |           |
| MAIN HOLE SIZE :           | 7.875 in   | TOOL JOINT SIZE :  |            | 4.5XH      |           |
| PACKER DEPTH:              | 4210.0 ft  | SIZE:              |            | 6.630 in   |           |
| PACKER DEPTH:              | 4215.0 ft  | SIZE:              |            | 6.630 in   |           |
| PACKER DEPTH:              | 0.0 ft     | SIZE:              |            | 0.000 in   |           |
| PACKER DEPTH:              | 0.0 ft     | SIZE:              |            | 0.000 in   |           |

### MUD INFORMATION

|                 |                    |                |           |
|-----------------|--------------------|----------------|-----------|
| DRILLING CON. : | SHIELDS DRLG RIG 1 | VISCOSITY :    | 46.00 cp  |
| MUD TYPE :      | CHEMICAL           | WATER LOSS:    | 11.500 cc |
| WEIGHT :        | 9.400 ppg          |                |           |
| CHLORIDES :     | 4000 ppm           | SERIAL NUMBER: |           |
| JARS-MAKE :     |                    | REVERSED OUT?: | NO        |
| DID WELL FLOW?: | NO                 |                |           |

### COMMENTS

#### Comment

INITIAL FLOW PERIOD WEAK BUILDING TO A STRONG BLOW  
IN 14 MINUTES. FINAL FLOW PERIOD WEAK BUILDING TO  
A GOOD BLOW - 1 TO 7 1/2 INCH BLOW.

# DST REPORT (CONTINUED)

## FLUID RECOVERY

| Feet of Fluid | % Oil | % Gas | % Water | % Mud | Comments                |
|---------------|-------|-------|---------|-------|-------------------------|
| 545.0         | 0.0   | 0.0   | 100.0   | 0.0   | WATER                   |
| 0.0           | 0.0   | 0.0   | 0.0     | 0.0   | W/SHOW OF OIL TOP 60 FT |
| 0.0           | 0.0   | 0.0   | 0.0     | 0.0   | CHLORIDES 13000 PPM     |

## RATE INFORMATION

|               |        |     |                     |               |
|---------------|--------|-----|---------------------|---------------|
| OIL VOLUME:   | 0.0000 | STB |                     |               |
| GAS VOLUME:   | 0.0000 | SCF | TOTAL FLOW TIME:    | 60.0000 min.  |
| MUD VOLUME:   | 0.0000 | STB | AVERAGE OIL RATE:   | 0.0000 STB/D  |
| WATER VOLUME: | 3.8592 | STB | AVERAGE WATER RATE: | 92.6217 STB/D |
| TOTAL FLUID : | 3.8592 | STB |                     |               |

## FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2129.00

| Description     | Duration | p1     | p End   |
|-----------------|----------|--------|---------|
| INITIAL FLOW    | 30.00    | 62.00  | 166.00  |
| INITIAL SHUT-IN | 45.00    |        | 1039.00 |
| FINAL FLOW      | 30.00    | 208.00 | 270.00  |
| FINAL SHUT-IN   | 45.00    |        | 1008.00 |

FINAL HYDROSTATIC PRESSURE: 2108.00

## OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2133.00

| Description     | Duration | p1     | p End   |
|-----------------|----------|--------|---------|
| INITIAL FLOW    | 30.00    | 65.00  | 167.00  |
| INITIAL SHUT-IN | 48.00    |        | 1039.00 |
| FINAL FLOW      | 30.00    | 207.00 | 281.00  |
| FINAL SHUT-IN   | 45.00    |        | 1026.00 |

FINAL HYDROSTATIC PRESSURE: 2103.00

# PRESSURE TRANSIENT REPORT

## GENERAL INFORMATION

|           |                     |           |               |
|-----------|---------------------|-----------|---------------|
| DATE      | : 9/24/94           | TICKET    | : 20936       |
| CUSTOMER  | : STAAB OIL COMPANY | LEASE     | : ALBIN       |
| WELL      | : #1                | TEST:     | 2             |
| ELEVATION | : 2720 KB           | GEOLOGIST | : MORGENSTEEN |
| SECTION   | : 17                | FORMATION | : LANSING     |
| RANGE     | : 27W               | TOWNSHIP  | : 16S         |
| GAUGE SN# | : 10270             | COUNTY    | : LANE        |
|           |                     | RANGE     | : 4150        |
|           |                     | STATE     | : KS          |
|           |                     | CLOCK     | : 12          |

## INITIAL FLOW

| Time<br>(min) | Pressure | Delta P |
|---------------|----------|---------|
| 0.00          | 65.00    | 65.00   |
| 5.00          | 65.00    | 0.00    |
| 10.00         | 76.00    | 11.00   |
| 15.00         | 98.00    | 22.00   |
| 20.00         | 123.00   | 25.00   |
| 25.00         | 146.00   | 23.00   |
| 30.00         | 167.00   | 21.00   |

## INITIAL SHUT IN

| Time<br>(min) | Pressure | Delta P | Horner T |
|---------------|----------|---------|----------|
| 3.00          | 644.00   | 644.00  | 0.00     |
| 6.00          | 888.00   | 244.00  | 0.00     |
| 9.00          | 936.00   | 48.00   | 0.00     |
| 12.00         | 963.00   | 27.00   | 0.00     |
| 15.00         | 981.00   | 18.00   | 0.00     |
| 18.00         | 996.00   | 15.00   | 0.00     |
| 21.00         | 1003.00  | 7.00    | 0.00     |
| 24.00         | 1010.00  | 7.00    | 0.00     |
| 27.00         | 1017.00  | 7.00    | 0.00     |
| 30.00         | 1022.00  | 5.00    | 0.00     |
| 33.00         | 1025.00  | 3.00    | 0.00     |
| 36.00         | 1028.00  | 3.00    | 0.00     |
| 39.00         | 1032.00  | 4.00    | 0.00     |
| 42.00         | 1035.00  | 3.00    | 0.00     |
| 45.00         | 1036.00  | 1.00    | 0.00     |
| 48.00         | 1039.00  | 3.00    | 0.00     |

# PRESSURE TRANSIENT REPORT (CONTINUED)

## FINAL FLOW

| Time<br>(min) | Pressure | Delta P |
|---------------|----------|---------|
| 0.00          | 207.00   | 207.00  |
| 5.00          | 207.00   | 0.00    |
| 10.00         | 210.00   | 3.00    |
| 15.00         | 221.00   | 11.00   |
| 20.00         | 241.00   | 20.00   |
| 25.00         | 263.00   | 22.00   |
| 30.00         | 281.00   | 18.00   |

## FINAL SHUT IN

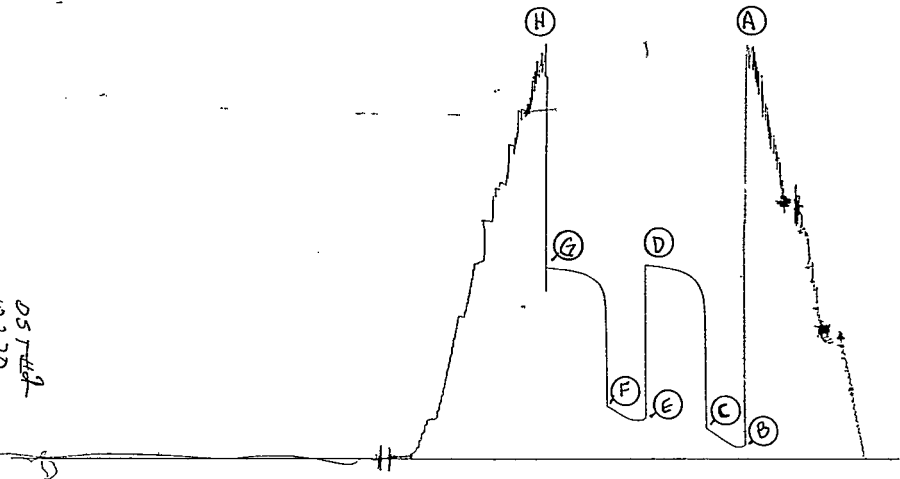
| Time<br>(min) | Pressure | Delta P | Horner T |
|---------------|----------|---------|----------|
| 3.00          | 760.00   | 760.00  | 0.00     |
| 6.00          | 917.00   | 157.00  | 0.00     |
| 9.00          | 948.00   | 31.00   | 0.00     |
| 12.00         | 966.00   | 18.00   | 0.00     |
| 15.00         | 979.00   | 13.00   | 0.00     |
| 18.00         | 991.00   | 12.00   | 0.00     |
| 21.00         | 997.00   | 6.00    | 0.00     |
| 24.00         | 999.00   | 2.00    | 0.00     |
| 27.00         | 1008.00  | 9.00    | 0.00     |
| 30.00         | 1012.00  | 4.00    | 0.00     |
| 33.00         | 1013.00  | 1.00    | 0.00     |
| 36.00         | 1017.00  | 4.00    | 0.00     |
| 39.00         | 1020.00  | 3.00    | 0.00     |
| 42.00         | 1021.00  | 1.00    | 0.00     |
| 45.00         | 1026.00  | 5.00    | 0.00     |

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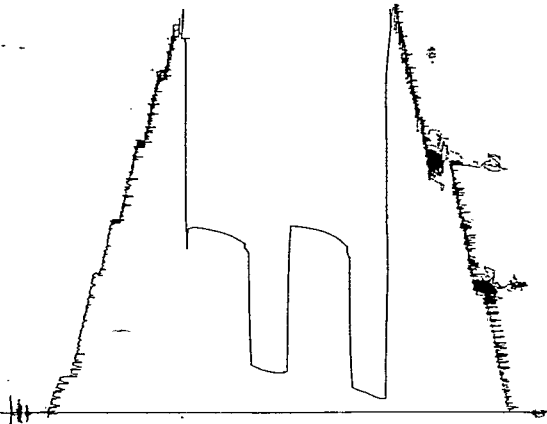
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13550



## DST REPORT

### GENERAL INFORMATION

|           |                     |           |               |
|-----------|---------------------|-----------|---------------|
| DATE      | : 9/25/94           | TICKET    | : 20937       |
| CUSTOMER  | : STAAB OIL COMPANY | LEASE     | : ALBIN       |
| WELL      | : #1                | TEST:     | 3             |
| ELEVATION | : 2720 KB           | GEOLOGIST | : MORGENSTEEN |
| SECTION   | : 17                | FORMATION | : FT SCOTT    |
| RANGE     | : 27W               | TOWNSHIP  | : 16S         |
| Gauge SN# | : 10270             | STATE     | : KS          |
|           | COUNTY: LANE        | CLOCK     | : 12          |
|           | RANGE : 4150        |           |               |

### WELL INFORMATION

|                            |            |                    |            |            |           |
|----------------------------|------------|--------------------|------------|------------|-----------|
| PERFORATION INTERVAL FROM: | 4466.00 ft | TO:                | 4496.00 ft | TVD:       | 4496.0 ft |
| DEPTH OF SELECTIVE ZONE:   |            |                    |            | TEST TYPE: | OIL       |
| DEPTH OF RECORDERS:        | 4488.0 ft  |                    | 4491.0 ft  |            |           |
| TEMPERATURE:               | 122.0      |                    |            |            |           |
| DRILL COLLAR LENGTH:       | 0.0 ft     | I.D.:              | 0.000 in   |            |           |
| WEIGHT PIPE LENGTH :       | 880.0 ft   | I.D.:              | 2.700 in   |            |           |
| DRILL PIPE LENGTH :        | 3566.0 ft  | I.D.:              | 3.800 in   |            |           |
| TEST TOOL LENGTH :         | 20.0 ft    | TOOL SIZE :        | 5.500 in   |            |           |
| ANCHOR LENGTH :            | 30.0 ft    | ANCHOR SIZE:       | 5.500 in   |            |           |
| SURFACE CHOKE SIZE :       | 0.750 in   | BOTTOM CHOKE SIZE: | 0.750 in   |            |           |
| MAIN HOLE SIZE :           | 7.875 in   | TOOL JOINT SIZE :  | 4.5XH      |            |           |
| PACKER DEPTH:              | 4461.0 ft  | SIZE:              | 6.630 in   |            |           |
| PACKER DEPTH:              | 4466.0 ft  | SIZE:              | 6.630 in   |            |           |
| PACKER DEPTH:              | 0.0 ft     | SIZE:              | 0.000 in   |            |           |
| PACKER DEPTH:              | 0.0 ft     | SIZE:              | 0.000 in   |            |           |

### MUD INFORMATION

|                 |                    |                |           |
|-----------------|--------------------|----------------|-----------|
| DRILLING CON. : | SHIELDS DRLG RIG 1 | VISCOSITY :    | 46.00 cp  |
| MUD TYPE :      | CHEMICAL           | WATER LOSS:    | 11.200 cc |
| WEIGHT :        | 9.500 ppg          |                |           |
| CHLORIDES :     | 3500 ppm           | SERIAL NUMBER: |           |
| JARS-MAKE :     |                    | REVERSED OUT?: | NO        |
| DID WELL FLOW?: | NO                 |                |           |

### COMMENTS

#### Comment

INITIAL FLOW PERIOD VERY WEAK BLOW - DIED IN 10 MINUTES. FINAL FLOW PERIOD NO BLOW.

# DST REPORT (CONTINUED)

## FLUID RECOVERY

| Feet of<br>Fluid | %<br>Oil | %<br>Gas | %<br>Water | %<br>Mud | Comments                 |
|------------------|----------|----------|------------|----------|--------------------------|
| 5.0              | 0.0      | 0.0      | 0.0        | 100.0    | MUD W/SHOW OF OIL ON TOP |
| 0.0              | 0.0      | 0.0      | 0.0        | 0.0      | OF TOOL                  |

## RATE INFORMATION

|               |        |     |                     |         |       |
|---------------|--------|-----|---------------------|---------|-------|
| OIL VOLUME:   | 0.0000 | STB | TOTAL FLOW TIME:    | 30.0000 | min.  |
| GAS VOLUME:   | 0.0000 | SCF | AVERAGE OIL RATE:   | 0.0000  | STB/D |
| MUD VOLUME:   | 0.0354 | STB | AVERAGE WATER RATE: | 0.0000  | STB/D |
| WATER VOLUME: | 0.0000 | STB |                     |         |       |
| TOTAL FLUID : | 0.0354 | STB |                     |         |       |

## FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2243.00

| Description     | Duration | p1    | p End |
|-----------------|----------|-------|-------|
| INITIAL FLOW    | 15.00    | 31.00 | 31.00 |
| INITIAL SHUT-IN | 15.00    |       | 72.00 |
| FINAL FLOW      | 15.00    | 31.00 | 31.00 |
| FINAL SHUT-IN   | 15.00    |       | 41.00 |

FINAL HYDROSTATIC PRESSURE: 2222.00

## OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2285.00

| Description     | Duration | p1    | p End  |
|-----------------|----------|-------|--------|
| INITIAL FLOW    | 15.00    | 44.00 | 44.00  |
| INITIAL SHUT-IN | 15.00    |       | 181.00 |
| FINAL FLOW      | 15.00    | 44.00 | 44.00  |
| FINAL SHUT-IN   | 18.00    |       | 49.00  |

FINAL HYDROSTATIC PRESSURE: 2228.00

# PRESSURE TRANSIENT REPORT

## GENERAL INFORMATION

|                              |                        |
|------------------------------|------------------------|
| DATE : 9/25/94               | TICKET : 20937         |
| CUSTOMER : STAAB OIL COMPANY | LEASE : ALBIN          |
| WELL : #1                    | GEOLOGIST: MORGENSTEEN |
| ELEVATION: 2720 KB           | FORMATION: FT SCOTT    |
| SECTION : 17                 | TOWNSHIP : 16S         |
| RANGE : 27W                  | STATE : KS             |
| GAUGE SN#: 10270             | CLOCK : 12             |
| TEST: 3                      |                        |
| COUNTY: LANE                 |                        |
| RANGE : 4150                 |                        |

## INITIAL FLOW

| Time<br>(min) | Pressure | Delta P |
|---------------|----------|---------|
| 0.00          | 44.00    | 44.00   |
| 5.00          | 44.00    | 0.00    |
| 10.00         | 44.00    | 0.00    |
| 15.00         | 44.00    | 0.00    |

## INITIAL SHUT IN

| Time<br>(min) | Pressure | Delta P | Horner T |
|---------------|----------|---------|----------|
| 3.00          | 44.00    | 44.00   | 0.00     |
| 6.00          | 44.00    | 0.00    | 0.00     |
| 9.00          | 49.00    | 5.00    | 0.00     |
| 12.00         | 104.00   | 55.00   | 0.00     |
| 15.00         | 181.00   | 77.00   | 0.00     |

## FINAL FLOW

| Time<br>(min) | Pressure | Delta P |
|---------------|----------|---------|
| 0.00          | 44.00    | 44.00   |
| 5.00          | 44.00    | 0.00    |
| 10.00         | 44.00    | 0.00    |
| 15.00         | 44.00    | 0.00    |

PRESSURE TRANSIENT REPORT (CONTINUED)

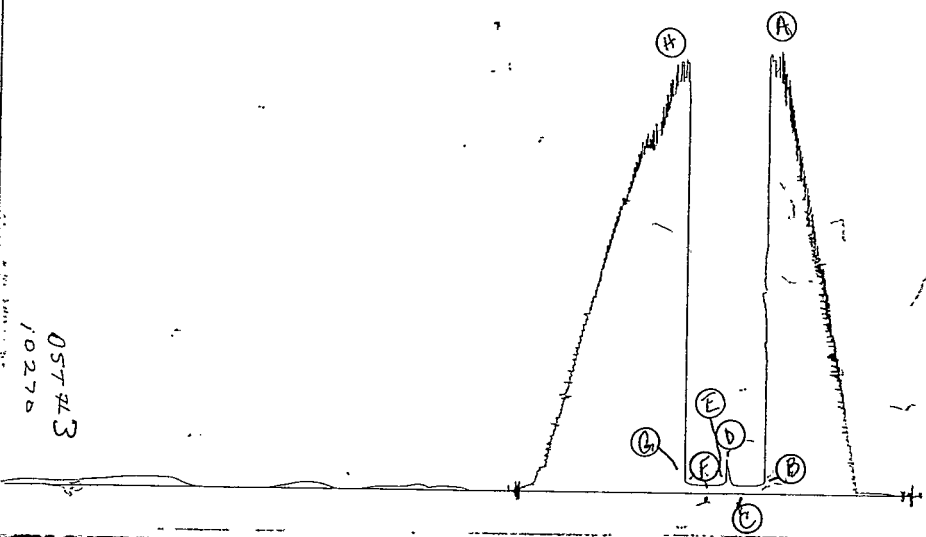
FINAL SHUT IN

| <u>Time<br/>(min)</u> | <u>Pressure</u> | <u>Delta P</u> | <u>Horner T</u> |
|-----------------------|-----------------|----------------|-----------------|
| 3.00                  | 44.00           | 44.00          | 0.00            |
| 6.00                  | 44.00           | 0.00           | 0.00            |
| 9.00                  | 46.00           | 2.00           | 0.00            |
| 12.00                 | 47.00           | 1.00           | 0.00            |
| 15.00                 | 48.00           | 1.00           | 0.00            |
| 18.00                 | 49.00           | 1.00           | 0.00            |

TKT # 20937

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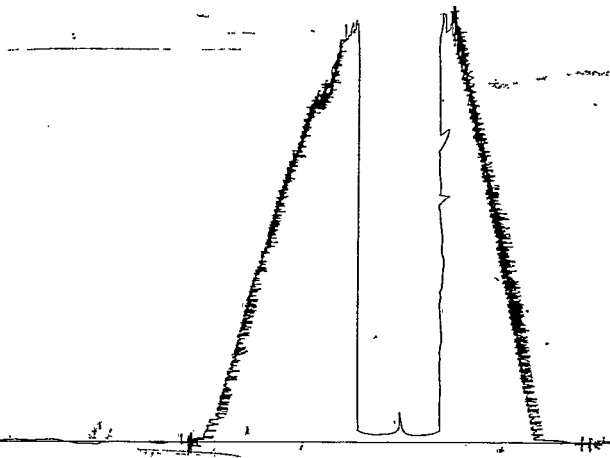


OST 4.3  
10270

TRT # 20937

0

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OST#3  
13550