



Operator Name Shields Oil Producers, Inc Lease Name Selfridge Well # 1

Sec. 10 Twp. 17 Rge. 27  East  West County Lane

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

|   |   |                              |                                  |  |
|---|---|------------------------------|----------------------------------|--|
| Drill Stem Tests Taken<br>(Attach Additional Sheets.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datum | <input checked="" type="checkbox"/> Sample |
| Samples Sent to Geological Survey                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Name                         | Top                              | Datum                                      |
| Cores Taken   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Anhydrite                    | 2036                             | +592                                       |
| Electric Log Run<br>(Submit Copy.)                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Topeka Lm                    | 2623                             | -995                                       |
| List All E-Logs Run:                                  |   | Heebner Sh                   | 3887                             | -1259                                      |
|   |   | Toronto Lm                   | 3908                             | -1280                                      |
|   |   | Lansing                      | 3926                             | -1298                                      |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used |                   |                           |                 |               |                |              |                            |
|---|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc.           |                   |                           |                 |               |                |              |                            |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface   | 12 1/4            | 8 5/8                     | 20              | 219           | Quickset       | 150          |                            |
|   |                   |                           |                 |               |                |              |                            |
|   |                   |                           |                 |               |                |              |                            |

| ADDITIONAL CEMENTING/SQUEEZE RECORD  |       |        |                |             |                            |
|--|-------|--------|----------------|-------------|----------------------------|
| Purpose:<br><input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone | Depth |        | Type of Cement | #Sacks Used | Type and Percent Additives |
|  | Top   | Bottom |                |             |                            |
|  |       |        |                |             |                            |
|  |       |        |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated |  | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) |  | Depth |
|----------------|---|--|---|--|-------|
|                |   |  |   |  |       |
|                |   |  |   |  |       |
|                |   |  |   |  |       |

|  |     |       |   |           |           |  |
|--|-----|-------|---|-----------|-----------|--|
| TUBING RECORD                                  |     | Size  | Set At  | Packer At | Liner Run | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Inj. |     |       | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |           |           |  |
| Estimated Production Per 24 Hours              | Oil | Bbls. | Gas   | Mcf       | Water     | Bbls. Gas-Oil Ratio Gravity                              |

|   |  |                           |
|---|--|---------------------------|
| Disposition of Gas:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br>(If vented, submit ACO-) | METHOD OF COMPLETION<br><input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perforated <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Other (Specify) _____ | Production Interval _____ |
|---|--|---------------------------|

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

1178

Home Office P. O. Box 31

Russell, Kansas 67665

|       |           |          |    |  |     |       |     |            |       |             |       |           |      |        |         |  |
|-------|-----------|----------|----|--|-----|-------|-----|------------|-------|-------------|-------|-----------|------|--------|---------|--|
| Date  | 7/4/93    | Sec.     | 10 | Twp.   | 17S | Range | 27W | Called Out | 00:30 | On Location | 02:45 | Job Start | 6 AM | Finish | 8:45 AM |  |
| Lease | Selfridge | Well No. | 1  | Pendennis $\frac{1}{2}$ E 45 2 $\frac{1}{2}$ E |     |       |     | Location   |       | County      | Lane  | State     | Ks.  |        |         |  |

|                     |                 |
|---------------------|-----------------|
| Contractor          | Co Tools        |
| Type Job            | Rotary Plug     |
| Hole Size           | 7 $\frac{7}{8}$ |
| Csg.                | 8 $\frac{5}{8}$ |
| Tbg. Size           |                 |
| Drill Pipe          | 4 $\frac{1}{2}$ |
| Tool                |                 |
| Cement Left in Csg. |                 |
| Press Max.          |                 |
| Meas Line           |                 |
| Perf.               |                 |

|           |     |
|-----------|-----|
| EQUIPMENT |     |
| Pumptrk   | 224 |
| Pumptrk   |     |
| Bulktrk   | 116 |
| Bulktrk   |     |

|              |                          |
|--------------|--------------------------|
| DEPTH of Job |                          |
| Reference:   |                          |
|              | Pump Truck               |
|              | 30 Mileage               |
|              | 8 $\frac{5}{8}$ " O.H.P. |
|              | <b>Total</b>             |
|              | <b>613.50</b>            |

|          |                  |
|----------|------------------|
| Remarks: |                  |
|          | 50 @ 2070        |
|          | 80 " 1300        |
|          | 25 " 700         |
|          | 40 " 240         |
|          | 10 " 40          |
|          | 15 " RH 10s x MH |

Owner Same  
 To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Shields Oil Producers Inc.  
 Street Box 709  
 City Russell State Mo. 67665  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
 X Burton Beery  
 CEMENT

Amount Ordered 230  $\frac{60}{40}$  6% Gel  $\frac{1}{4}$  # Flo Seal

|               |                 |      |
|---------------|-----------------|------|
| Consisting of |                 |      |
| Common        | 138             | 5.75 |
| Poz. Mix      | 92              | 3.00 |
| Gel.          | 14              | 7.00 |
| Chloride      |                 |      |
| Quickset      |                 |      |
|               | Flo Seal - 58 # | 1.10 |

|          |     |      |                |
|----------|-----|------|----------------|
| Handling | 230 | 1.00 | 230.00         |
| Mileage  | 30  |      | 276.00         |
|          |     |      | <b>Total</b>   |
|          |     |      | <b>1737.30</b> |

Floating Equipment  
 TOTAL \$ 2350.80  
 Disc - 470.16

\$ 1880.64  
 RECEIVED  
 JUL 16 1993  
 CONSERVATION DIVISION  
 Wichita, Kansas

**ALLIED CEMENTING CO., INC.**

1224

Home Office P. O. Box 31

Russell, Kansas 67665

New

|       |           |          |    |                    |     |       |                  |            |      |             |      |           |      |        |           |
|-------|-----------|----------|----|--------------------|-----|-------|------------------|------------|------|-------------|------|-----------|------|--------|-----------|
| Date  | 6/28/93   | Sec.     | 10 | Twp.               | 17S | Range | 27W              | Called Out | 6:30 | On Location | 7:45 | Job Start | 8:45 | Finish | 9:15 P.M. |
| Lease | Selfridge | Well No. | 1  | Pendennis Location |     |       | 1/2 E 45 2 1/2 E | County     | Lane | State       | Ks.  |           |      |        |           |

|                     |           |   |           |
|---------------------|-----------|---|-----------|
| Contractor          | Co. Tools | Owner   | Same      |
| Type Job            | Surface   | To Allied Cementing Co., Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |           |
| Hole Size           | 12 1/4    | T.D.  | 222       |
| Csg.                | 8 5/8     | Depth   | 219       |
| Tbg. Size           | 20        | Depth   |           |
| Drill Pipe          |           | Depth   |           |
| Tool                |           | Depth   |           |
| Cement Left in Csg. | 15        | Shoe Joint  |           |
| Press Max.          |           | Minimum   |           |
| Meas Line           |           | Displace  | 13.3 bbl. |
| Perf.               |           |   |           |

|  |                            |
|--|----------------------------|
| Charge To  | Shields Oil Producers Inc. |
| Street   | Box 709                    |
| City   | Russell State Ks. 67665    |
| The above was done to satisfaction and supervision of owner agent or contractor. |                            |
| Purchase Order No.   |                            |
| X  | Burston Brewery            |
| <b>CEMENT</b>  |                            |
| Amount Ordered   | 150 60/40 2% Gel 3% CC     |

**EQUIPMENT**

|             |          |       |
|-------------|----------|-------|
| No.         | Cementer | Gary  |
| Pumptrk 224 | Helper   | Keith |
| No.         | Cementer | I     |
| Pumptrk     | Helper   |       |
|             | Driver   | Bill  |
| Bulktrk 69  | Driver   |       |

|               |     |               |
|---------------|-----|---------------|
| Consisting of |     |               |
| Common        | 90  | 5.25 517.50   |
| Poz. Mix      | 60  | 3.00 180.00   |
| Gel.          | 3   | 7.00 21.00    |
| Chloride      | 5   | 25.00 125.00  |
| Quickset      |     |               |
| Handling      | 150 | 1.00 150.00   |
| Mileage       | 30  | " 180.00      |
|               |     | Total 1173.50 |

|                     |                   |
|---------------------|-------------------|
| <b>DEPTH of Job</b> |                   |
| Reference:          |                   |
|                     | Pump Truck 430.00 |
|                     | 30 Mileage 67.50  |
|                     | 8 5/8" TWP 42.00  |
|                     | Total 539.50      |

|                           |         |
|---------------------------|---------|
| <b>Floating Equipment</b> |         |
| TOTAL #                   | 1713.00 |
| Disc -                    | 342.60  |

Remarks: Cement circulated.

Thank you  
 (Signature)

\$ 1370.40 RECEIVED  
 STATE CORPORATIONAL COMMISSION  
 JUL 16 1993  
 CONSERVATION DIVISION  
 Kansas

K C C

JUL 23

15-101-21656-00-00

G E O L O G I C A L   R E P O R T

SHIELDS OIL PRODUCERS

NO. 1 SELFRIDGE  
NW-NE-NE  
SECTION 10-17S-27W  
LANE COUNTY, KANSAS

RECEIVED  
STATE COOPERATION COMMISSION

JUL 16 1993

CONSERVATION DIVISION  
Wichita, Kansas

15-101-21656-00-00

OPERATOR: Shields Oil Producers

WELL: No. 1 Selfridge  
API #15-101-21656

LOCATION: NW-NE-NE  
330' from the north line.  
990' from the east line.  
Section 10-17S-27W  
Lane County, Kansas

FIELD: Wildcat

DRILLING CONTRACTOR: Shields Drilling Company

DRILLING COMMENCED: 06-28-93

DRILLING COMPLETED: 07-04-93

DRILLING TIME: One (1) foot drilling time was recorded  
from 3500' to 3935' RTD.

SAMPLES: Samples were saved and examined from 3550'  
to 3935' RTD.

ELEVATIONS: 2623' G.L. 2625' D.F. 2628' K.B.

MEASUREMENTS: All depths are measured from 2628' K.B.

CASING RECORD: 8 5/8" set @ 219' with 150 sacks.

FORMATION TESTING: No tests were run.

MUD: Schmidtberger Mud (Chemical)

OPEN HOLE LOGS: No logs were run.

PRODUCTION: Dry and abandoned.

RECEIVED  
STATE CORPORATION COMMISSION

JUL 16 1993

CONSERVATION DIVISION  
Wichita, Kansas

15-101-21656-00-00

FORMATION TOPS:

| <u>FORMATION</u>   | <u>SAMPLE</u> | <u>DATUM</u> |
|--------------------|---------------|--------------|
| ANHYDRITE          | 2036'         | + 592        |
| BASE ANHYDRITE     | 2071'         | + 557        |
| TOPEKA             | 3623'         | - 995        |
| HEEBNER            | 3887'         | -1259        |
| TORONTO            | 3908'         | -1280        |
| LANSING            | 3926'         | -1298        |
| ROTARY TOTAL DEPTH | 3935'         | -1307        |

SAMPLE DESCRIPTIONS:

TOPEKA:

3843-3850 Limestone, gray and buff, very finely crystalline, fossiliferous, abundant fusulinds, fair to poor interfossiliferous porosity, trace of dead oil staining, no free oil, no odor.

3858-3867 Limestone, buff and gray, very finely crystalline, fossiliferous, slightly chalky, fair to poor interfossiliferous porosity, some brown dead oil staining, no free oil, no odor.

TORONTO:

3911-3916 Limestone, white to light gray, very finely crystalline, fossiliferous, abundant fusulinds, chalky in part, with minor white opaque chert, poor to fair visible interfossiliferous porosity, no shows of oil were noted.

LANSING:

3926-3935 Limestone, tan, buff and gray, mostly dense, finely crystalline, fossiliferous in part, chalky, with trace of scattered porosity, no shows of oil were noted.

15-101-21656-00-00

SUMMARY:

Due to the very poor structural position of the No. 1 Selfridge, it was decided to plug and abandon this well in the top of the Lansing formation.

Respectfully submitted,

  
Todd E. Morgenstern  
Geologist



15-101-21656-00-00

DRILLING TIMES:

|           |                     |
|-----------|---------------------|
| 3501-3510 | 4-3-5-5-3-4-2-4-3-3 |
| 3511-3520 | 4-5-5-4-5-4-3-3-2-2 |
| 3521-3530 | 2-1-1-2-2-4-4-5-4-3 |
| 3531-3540 | 4-4-4-4-4-4-5-4-5-4 |
| 3541-3550 | 4-5-4-3-4-2-4-5-4-5 |
| 3551-3560 | 3-4-4-4-4-3-4-4-3-4 |
| 3561-3570 | 4-5-4-3-5-5-3-4-5-5 |
| 3571-3580 | 4-3-4-4-3-3-3-3-2-2 |
| 3581-3590 | 3-2-2-3-2-5-6-4-4-4 |
| 3591-3600 | 4-3-3-4-4-4-3-3-3-4 |
| 3601-3610 | 3-4-5-5-5-5-5-4-5-5 |
| 3611-3620 | 4-4-4-4-4-3-5-3-2-2 |
| 3621-3630 | 2-2-2-3-5-5-6-4-5-3 |
| 3631-3640 | 4-3-3-3-4-2-2-1-3-2 |
| 3641-3650 | 3-3-3-5-4-4-4-4-5-4 |
| 3651-3660 | 5-5-5-6-4-4-2-3-2-2 |
| 3661-3670 | 2-1-2-2-4-5-3-2-1-2 |
| 3671-3680 | 1-1-1-1-1-1-2-1-1-3 |
| 3681-3690 | 3-3-2-2-2-1-4-4-4-3 |
| 3691-3700 | 5-5-4-4-4-5-4-4-4-4 |
| 3701-3710 | 3-5-4-3-2-2-1-1-3-2 |
| 3711-3720 | 3-5-4-4-3-5-2-3-3-2 |
| 3721-3730 | 1-1-3-2-1-1-1-2-2-4 |
| 3731-3740 | 4-4-4-3-3-2-1-2-4-3 |
| 3741-3750 | 3-4-5-4-5-4-5-4-2-2 |
| 3751-3760 | 1-2-4-4-3-4-2-3-5-4 |
| 3761-3770 | 3-3-5-5-4-5-3-3-3-3 |
| 3771-3780 | 3-2-2-3-3-2-3-3-1-1 |
| 3781-3790 | 1-2-3-4-5-4-3-1-2-1 |
| 3791-3800 | 1-2-1-2-3-3-5-4-2-2 |
| 3801-3810 | 3-3-4-5-4-5-5-3-4-5 |
| 3811-3820 | 5-5-5-5-4-5-3-5-5-5 |
| 3821-3830 | 5-4-3-2-2-2-4-1-2-3 |
| 3831-3840 | 4-5-3-5-3-2-2-1-2-2 |
| 3841-3850 | 3-5-2-1-1-1-1-1-1-1 |
| 3851-3860 | 2-1-1-3-2-4-3-1-2-1 |
| 3861-3870 | 2-2-2-2-2-2-1-2-2-3 |
| 3871-3880 | 3-3-4-3-5-5-2-3-5-3 |
| 3881-3890 | 2-2-4-4-3-2-3-2-2-2 |
| 3891-3900 | 4-5-4-5-6-6-5-6-4-5 |
| 3901-3910 | 4-2-4-2-2-2-3-3-3-4 |
| 3911-3920 | 4-2-2-2-3-6-4-5-6-4 |
| 3921-3930 | 5-4-5-5-5-6-4-6-4-3 |
| 3931-3935 | 3-4-3-5-5-RTD       |