

API No. 15-103-20,514.....

County Leavenworth.....

...1650... Ft North from Southeast Corner of Section  
 ...1650... Ft West from Southeast Corner of Section  
 (Note: Locate well in section plat below)

Lease Name Heim Well # 1-27

Field Name.....Lake Stellamaris.....

Producing Formation.....Cherokee Sand.....

Elevation: Ground.....1106.....KB

Section Plat

### WATER SUPPLY INFORMATION

Disposition of Produced Water: X Disposal  
Docket # ..... Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of

| RECEIVED | Sec | Two | Rae | East | West |
|----------|-----|-----|-----|------|------|
|----------|-----|-----|-----|------|------|

Surface Water.....Ft North from Southeast Corner  
(Stream pond).....Ft West from Southeast Corner

CONSERVATION DIVISION  
 \_\_\_\_\_ Wildlife (Exports) .....  
 \_\_\_\_\_ (purchased from city, R.W.D. #)

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Title.....Geologist.....Date.....2-26-86

Subscribed and sworn to before me this 26 day of Feb

19.....  
Notary Public *Victoria Reeves* ..... 65..... St. S.

Date Commission Expires: 11-9-88.....

K.C.C. OFFICE USE ONLY

① F ✓ Letter of Confidentiality Attached

① ✓ Wireline Log Received

C - Drillers Timelog Received

### Distribution

✓ KCC SWD/Rep NGPA

☒ KGS      ☐ Plug      ☐ Other

(Specify)

.....

Form ACO-1 (7-84)

Operator Name Simco Petroleum, Inc. Lease Name H. Heim Well # 1-27Sec. 27 Twp. 8S Rge. 21 ☒ East ☐ West County Leavenworth

## WELL LOG

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 ☐ Yes ☒ No  
 Samples Sent to Geological Survey ☐ Yes ☒ No  
 Cores Taken ☐ Yes ☒ No

Formation Description  
☒ Log ☐ Sample

| Name          | Top       | Bottom      |
|---------------|-----------|-------------|
| McLouth       | 1438-1460 |             |
| Mississippian | 1502-     | not reached |

RELEASED

APR 14 1987

FROM CONFIDENTIAL

| 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 production                                                                  | 9 7/8"                                                                                                                                                       | 7"                        | 23             | 92'                                                                            | common         | 100         | 3% Calcium                 |
|                                                                                     | 6 1/2"                                                                                                                                                       | 4 1/2"                    | 9.5            | 1520'                                                                          | Portland A     | 200         | none                       |
| PERFORATION RECORD                                                                  |                                                                                                                                                              |                           |                | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) |                |             |                            |
| Shots Per Foot                                                                      | Specify Footage of Each Interval Perforated                                                                                                                  |                           |                | Depth                                                                          |                |             |                            |
| 2                                                                                   | 1438-1443                                                                                                                                                    |                           |                | 250 gal 7 1/2% FF w/ additives                                                 |                |             |                            |
|                                                                                     |                                                                                                                                                              |                           |                | 5,000# (10-20) Sd                                                              |                |             |                            |
|                                                                                     |                                                                                                                                                              |                           |                | Foam methanol N2 FRAC                                                          |                |             |                            |
| TUBING RECORD                                                                       |                                                                                                                                                              |                           |                | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |                |             |                            |
| Size                                                                                | Set At                                                                                                                                                       | Packer at                 |                |                                                                                |                |             |                            |
| 2 3/8"                                                                              | 1480                                                                                                                                                         | none                      |                |                                                                                |                |             |                            |
| Date of First Production                                                            | Producing Method                                                                                                                                             |                           |                |                                                                                |                |             |                            |
| 1-15-86                                                                             | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... |                           |                |                                                                                |                |             |                            |
| Estimated Production Per 24 Hours                                                   | Oil                                                                                                                                                          | Gas                       | Water          | Gas-Oil Ratio                                                                  | Gravity        |             |                            |
|                                                                                     | 35 Bbls                                                                                                                                                      | 0 MCF                     | 0 Bbls         | 0                                                                              | 26             |             |                            |

## METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Sold ☐ Used on Lease

☐ Open Hole ☒ Perforation  
☐ Other (Specify) .....

1438'-1459'

☐ Dually Completed  
☐ Commingled

.....