|   | 105 V  | MATER WELL BECORD               | Form MAAAIC F                                    | KSA 82a-                           | 1919                           | D-Z                                    |
|---|--|---------------------------------|--|------------------------------------|--------------------------------|--|
| LECATION OF WA                                    |  | on .                            | Form WWC-5<br>Secti                              | on Number                          | Township Number                | Range Number                           |
| County: WYON                                      | dotte SW   | 1 14 NW 14 NE                   | 14 3   |                                    | т // s                         | R 23 ⊕w                                |
| Distance and direction                            | n from nearest town or city st   | reet address of well if located | within city?                                     | ,                                  |                                |  |
| 500 FT.   | Southwest o  | t 2520 Sc                       | ncidt  | Lane                               | <u> </u>                       |  |
| WATER WELL O                                      | WNER: Southwest  | Steel                           |  |                                    | _                              |  |
| ,<br>RR#, St. Address, Bo                         | × # : 2520 Sche  |                                 |  |                                    | Board of Agricultur            | e, Division of Water Resource          |
| City, State, ZIP Code                             |  | prings, KS 6601                 | Ζ  |                                    | Application Number             | r:                                     |
| LOCATE WELL'S                                     | LOCATION WITH 4 DEPTH  | - , ,                           |  | ft. ELEVAT                         | ION:                           |  |
| AN "X" IN SECTION                                 | N BOX· ⊢   |                                 |  |                                    |                                | t. 3 <del></del>                       |
| · -   | WELL'S S   | TATIC WATER LEVEL               |  |                                    |                                |  |
|   | X  | Pump test data: Well water      | rwas <del></del>                                 | ft. af                             | ter hours                      | pumping gpn                            |
| NW  | - NE   Est. Yield  | gpm; Well wate                  |  |                                    |                                |  |
|   |  | Diameter                        |  |                                    |                                |  |
| w <del>                                    </del> | <del></del>  |                                 | 5 Public water                                   |                                    |                                | 11 Injection well                      |
|   | 1 Don  |                                 | 6 Oil field water                                |                                    |                                | 12 Other (Specify below)               |
| SW  | SE 2 Irrig   |                                 |  |                                    | <b>)</b>                       |  |
| 1 !   |  | mical/bacteriological sample s  | _  |                                    | <i>y</i> .                     |  |
|   | mitted   | g.cep.o                         |  |                                    | er Well Disinfected? Yes       | No                                     |
| TYPE OF BLANK                                     |  | 5 Wrought iron                  | 8 Concret  |                                    |                                | ued Clamped                            |
| 1 Steel   | 3 RMP (SR)   | 6 Asbestos-Cement               |  | specify below                      |                                | elded                                  |
| 2 PVC   | 4 ABS  | 7 Fiberglass                    |  |                                    | ,<br>Th                        | readed FLUSH                           |
|   | r2in. to Z   |                                 |  |                                    | ft., Dia                       |  |
| Casing height above                               |  |                                 |  |                                    | t. Wall thickness or gauge     | <i>,</i> ,,,                           |
|   | OR PERFORATION MATERIA   |                                 | (7) PVC  |                                    | 10 Asbestos-ce                 |  |
| 1 Steel   | 3 Stainless steel  | 5 Fiberglass                    | 8 RMF  |                                    |                                | ify)                                   |
| 2 Brass   | 4 Galvanized steel   | 6 Concrete tile                 | 9 ABS  |                                    | 12 None used                   | - ·                                    |
|   | PRATION OPENINGS ARE:  |                                 | d wrapped  |                                    | 8 Saw cut                      | 11 None (open hole)                    |
| 1 Continuous sl                                   |  | 6 Wire v                        | • •  |                                    | 9 Drilled holes                | TT TTOTIC (open noic)                  |
| 2 Louvered shu                                    | <u> </u>   | 7 Torch                         | • •  |                                    |                                |  |
| CREEN-PERFORAT                                    |  | 29.7 ft. to                     | - Za T   | ft From                            |                                | t. to                                  |
| SONELIA-LENI ONA                                  | From   | f ft to                         | •  | · ·                                |                                | t. to                                  |
| GRAVEI P  | ACK INTERVALS: From  | 24.2 tt. to                     | 40. Z  | ,                                  |                                | t. to                                  |
| GIVALLIA  | From   | ft. to                          |  | ft., Fron                          |                                | t. to                                  |
| GROUT MATERIA                                     |  | 2 Cement grout                  | 3 Benton   |                                    | <del></del>                    |  |
| Grout Intervals: Fro                              | $\sim$   | •                               | 9 ft. to   | 10                                 | ft., From                      |  |
|   | ource of possible contaminati  | ,                               |  | 10 Livest                          |                                | Abandoned water well                   |
| 1)Septic tank                                     | 4 Lateral lines  | 7 Pit privy                     |  | 11 Fuel s                          | •                              | Oil well/Gas well                      |
| 2 Sewer lines                                     | 5 Cess pool  | 8 Sewage lago                   | on   |                                    |                                | Other (specify below)                  |
|   | wer lines 6 Seepage pit  | 9 Feedyard                      | <b>.</b>   |                                    | cide storage                   | Curior (opodiny bolon)                 |
| Direction from well?                              | wei lines o deepage pit  | 3 Toodyard                      |  | How man                            | "I 000 +                       | <b>T</b>                               |
| FROM TO   | LITHOLO  | OGIC LOG                        | FROM   | TO                                 |                                | OGIC LOG                               |
|   |  |                                 |  |                                    |                                |  |
|   |  |                                 |  |                                    |                                |  |
|   | SEE ATTA   | CHED                            |  |                                    |                                |  |
|   | LOG  |                                 |  |                                    |                                |  |
|   | 100  |                                 |  |                                    |                                |  |
|   | (SHALLOWF P  | NESTED                          | 1  |                                    |                                | ·                                      |
|   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | SAME                            |  |                                    |                                |  |
| ——— <del>—</del> —                                | BOREHOLE-  |                                 | +  |                                    |                                | · · · · · · · · · · · · · · · · · · ·  |
|   | ATTACHED   | DRAWING                         | 1  |                                    |                                |  |
|   | MINCHED  | NOW INCH                        | <del>                                     </del> |                                    |                                |  |
|   |  |                                 | 1  |                                    |                                |  |
|   |  |                                 | +  |                                    |                                |  |
|   |  |                                 | 1  |                                    |                                |  |
|   |  |                                 | +  |                                    |                                |  |
|   |  |                                 | +  |                                    |                                |  |
|   |  |                                 | <del></del>                                      | l                                  |                                |  |
| CONTRACTOR'S                                      | OR LANDOWNER'S CERTIF  | FICATION: This water well wa    | as((1))construc                                  | ted, (2) reco                      | nstructed, or (3) plugged      | under my jurisdiction and wa           |
| -<br>completed on (mo/da)                         | y/year) . Z - 1.8 - 88   | y                               | ٠ ٤  | and this recor                     | d is true to the best of my    | knowledge and belief. Kansa            |
| Vater Well Contracto                              | r's License No   | This Water W                    | e <u>ll Re</u> cord was                          | completed of                       | on (mo/daty/yr)//. 3.7/        | / <b>)</b> 88                          |
| nder the business n                               | ame of / クツカウ・W  | estern Co.,                     | Inc.   | by (signat                         |                                | /\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
| INSTRUCTIONS: Use                                 |  |                                 |  |                                    |                                |  |
|   | typewriter or ball point pen. <u>PLEAS</u><br>and Environment, Office of Oil Field | E PRESS FIRMLY and PRINT clea   | rly. Please fill in bi                           | lanks, underline<br>20 Section Ton | or circle the correct answers. | Send top three copies to Kansas        |

## TEST BORING LOG

| Guiect Southwest Steel Fabricators   |   |          |  |                    |                    | Boring No. B-2 St                             | _ Sheet <u>1</u> of <u>1</u> |  |  |  |
|--|---|----------|--|--------------------|--------------------|---|------------------------------|--|--|--|
|  | · · · · · · · · · · · · · · · · · · ·   |          |  |                    |                    | Surface Elevation Offset                      |                              |  |  |  |
| ddress2520 Scheidt Lane  |   |          |  |                    |                    | Date Started 2/18/88 Completed 2              | /18/88`                      |  |  |  |
| City & State_  | ity & State Bonner Springs, Kansas      |          |  |                    |                    | Driller B. Blank Rig                          | ATV                          |  |  |  |
|  |   |          |  | Abi                | breviations:       | •   | W Core Water                 |  |  |  |
| DEPTH  |   |          | <u> </u>   | PENETRATION RECORD |                    | SAMPLE DESCRIPTION                            |                              |  |  |  |
| FROM   | то                                      | METHOD   | POCKET<br>PENETRO<br>METER   | NO. OF<br>BLOWS    | CORE               | COLOR-MATERIAL-MOISTURE-CLAY CO               | NSISTENCY<br>NSITY           |  |  |  |
| 0.0'   | 2.0'                                    | на       |  |                    |                    | Dark brown silty clay, moist, ver             | ry stiff                     |  |  |  |
| 2.0'   | 7.5'                                    | на       |  |                    |                    | Brown silty clay, moist, very stiff           |                              |  |  |  |
| 7 <b>.</b> 5'  | 25.0'                                   | на       |  |                    |                    | Brown clayey silt, moist, med.                |                              |  |  |  |
| 25.0'  | 32.0'                                   | НА       |  | Male 1             |                    | Red brown clayey silt, moist, med.            |                              |  |  |  |
| 32.0'  | 35.0'                                   | на       |  |                    |                    | Dark gray clayey silt, moist, med             | 3.                           |  |  |  |
| 35.0'  | 36.01                                   | на       |  |                    |                    | Dark gray clayey silt w/limestone moist, med. | gravel,                      |  |  |  |
| 36.0 '   | 40.0'                                   | на       |  |                    |                    | Dark gray silty sandy shale, mois             |                              |  |  |  |
| 40.0'  | 40.0' Total depth                       |          |  |                    |                    |   |                              |  |  |  |
|  |   |          |  |                    |                    |   |                              |  |  |  |
|  |   |          |  | ,                  |                    |   |                              |  |  |  |
|  |   |          |  |                    |                    | ·   | And Headile                  |  |  |  |
|  |   |          |  |                    |                    |   |                              |  |  |  |
|  |   |          |  |                    |                    |   |                              |  |  |  |
| 18-18-19-1-1-18-1-1-18-1-1-18-1-1-18-18 | ·                                       |          |  |                    |                    |   |                              |  |  |  |
| 70.000 <b>4.0</b> 0  |   |          |  |                    |                    |   |                              |  |  |  |
| 55 Addition  |   |          |  |                    |                    |   |                              |  |  |  |
|  | Casing ter                              | Loss, Et | ic.  |                    |                    | Water Level Time Date                         |                              |  |  |  |
|  |   |          |  |                    |                    |   | (Complate                    |  |  |  |
| ****   | agentina na rampa agenta pro artikala a | Elderika | THE STATE OF THE S |                    |                    |   |                              |  |  |  |
|  | 3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | ٠        | a di managana.   |                    | 181 11756000 1 1 1 |   | _                            |  |  |  |
|  | 1. 5 1. 7                               | 6        | , - y,1  | Mar.               |                    |   |                              |  |  |  |



## Layne-Western Company, Inc.

Subject SOUTHWEST STEEL Date 3-3-88

MONITORING WELL 8-2 DEEP + SHALLOW - STEEL PROTECTIVE CASING GROUND LEVEL 加三川三川三 三川三川三 可当们是 川三川三 -2.0" DIAM PUC CASING BENTONITE SEAL 0.010 SLOT SCREEN PA 6.0' GRAVEL PACK 5.0' SCREEN 40.2 7.2' CLAY 2.0" DIAM PUC CASING 2.0' BENTONITE SEAL O.OIO SLOT SCREEN PY 15.0' GRAVEL PACK 10.0 0