

DRILLERS' WELL LOG

DATE COMMENCED: September 25, 1987
DATE COMPLETED: October 2, 1987

Graves Drilling Co., Inc.
HARRISON #1
NE NE NE
Sec. 2, Twp 27S, R12W
Pratt Co., Ks.

ELEVATION: 1872 K.B.

FORMATION DATA

| | |
|-------------|---------------------------|
| 0 - 648 | Surface Soil, Sand, Shale |
| 648 - 664 | Anhydrite |
| 664 - 3046 | Shale |
| 3046 - 3113 | Shale, Sand |
| 3113 - 3490 | Shale, Lime |
| 3490 - 3495 | Shale |
| 3495 - 3685 | Lime, Shale |
| 3685 - 4045 | Lime |
| 4045 - 4200 | Shale, Chert |
| 4200 | RTD |

| | |
|-------------|-----------|
| Anhydrite | 648 - 664 |
| Howard | 3046 |
| Severy | 3113 |
| Topeka | 3152 |
| Heebner | 3490 |
| Douglas | 3530 |
| Br. Lime | 3673 |
| Kansas City | 3685 |
| Base K.C. | 4045 |
| Mississippi | 4133 |

Surface Pipe Set 8-5/8", 20#
@ 257' with 200 Sacks 60/40 pozmix
2 & 3

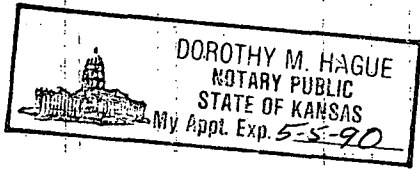
A F F I D A V I T

Leonard Williamson, of lawful age, does swear and state that the facts and statements herein contained are true and correct to the best of his knowledge.

Leonard Williamson

Subscribed and sworn to before me this 6th day of October, 1987

Dorothy M. Hague
Notary Public



RECEIVED
STATE CORPORATION COMMISSION
OCT 7 1987
CONSERVATION DIVISION
Wichita, Kansas