

1-13-18W

DRILLERS' WELL LOG

DATE COMMENCED: February 24, 1978

DATE COMPLETED: March 3, 1978

0 - 40' Clay & Post Rock  
 40 - 264' Shale - Streaks Sand  
 264 - 1006' Shale - Sand Stks.-  
 1006 - 1303' Red Bed  
 1303 - 1340' Anhydrite  
 1340 - 2067' Shale  
 2067 - 3051' Shale & Lime  
 3051 - 3285' Lime  
 3285 - 3289' Shale  
 3289 - 3312' Lime & Shale  
 3312 - 3338' Lime (Toronto)- & Shale  
 3338 - 3581' Lime & Shale  
 3581 - 3695' Dolomite  
 3695' RTD

Karst Brothers  
 STAAB # 1  
 NE NW NE Sec. 1-T13-R18W  
 Ellis County, Kansas

ELEVATION: 2071 K.B.

FORMATION DATA

ANHYDRITE	1303
TOPEKA	3051
HEEBNER	3285
TORONTO	3312
LANSING	3338
ARBUCKLE	3581
RTD	3695

Surface Casing: Set 264' of used 8-5/8" casing, 28#, with 150 sacks 60/40 pozmix, 2% Gel, 3T ca.cl.

PRODUCTION CASING: Set new 5 1/2" casing, 14# at 3660' with 200 sks. common cement, 10% salt with 10 bbls. salt flush ahead of cement.

A F F I D A V I T

STATE OF KANSAS - COUNTY OF BARTON ) ss.

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

Larry Curtis

Subscribed and sworn to before me this 5<sup>th</sup> day of March 1978

My Comm. Expires: April 11, 1978

Lorahy M. Flague  
 Notary Public