

DRILLER'S LOG

Braden-Zenith, Inc.
 Zenith Waterflood Unit ZU 4
 1680' SNL, 1550' EWL
 NW/4 Sec. 11-24S-11W
 Stafford County, Kansas

Commenced: 9-8-66

Completed: 9-15-66

Braden Drilling, Inc., Contractor

Set 8-5/8" @ 252' with 250 sacks

Set 5-1/2" @ 3751' with 100 sacks

<u>Formation</u>	<u>From</u>	<u>To</u>
Sand, Red Bed & Shale	0	254
Red Bed & Shale	254	675
Shale, Shells & Lime	675	1520
Lime & Shale	1520	1720
Shale & Lime	1720	1995
Lime & Shale	1995	2140
Shale & Lime	2140	2880
Lime & Shale	2860	3080
Lime	3080	3135
Lime & Shale	3135	3230
Shale & Sand	3230	3285
Shale & Lime	3285	3410
Lime	3410	3605
Lime & Shale	3605	3690
Cherty Lime	3690	3753 RTD

NOTARIAL PUBLIC
 NOV 08 1966
 WICHITA, KANSAS
 11-8-77

I hereby certify that this is a true and correct log of the above captioned well as shown by the daily drilling reports.

 James Tashoff

Subscribed and sworn to before me this 22nd day of September, 1966.

My Commission Expires: October 13, 1969

Marilyn Ann Smith
 Marilyn Ann Smith - Notary Public