

CHIEF DRILLING CO., INC.
 905 Century Plaza
 Wichita, Kansas 67202

#1 YORK
 C SE SW SEC. 19-15S-29W
 GOVE COUNTY, KANSAS

CONTRACTOR: WARRIOR DRILLING CO.
 CASING RECORD: Ran 319' NEW 20# 8 5/8" set @ 328'
 cemented w/200 sx. common quick set

COMMENCED: 1-2-82
 COMPLETED: 1-12-82

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>ELEVATIONS</u>	
Surface Sand & Clay	0	330	2529	GR.
Clay & Sand	330	900	2533	D.F.
Sand & Shale	900	1553	2536	K.B.
Shale & Sand	1553	1940		
Anhydrite	1940	1977		
Shale	1977	2595		
Shale & Lime	2595	3095		
Shale	3095	3540		
Lime	3540	3685		
Lime & Shale	3685	3820		
Shale & Lime	3820	4116		
Lime	4116	4230		
RTD	4267			

4 1/2" @ 4032' w/200 sx.

RECEIVED
 STATE CORPORATION COMMISSION

JAN 18 1982
 CONSERVATION DIVISION
 Wichita Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK) ss:

I hereby certify that the above is a true and correct copy of the Driller's Log of the well drilled in the E/2 SW/4 Sec. 19-15S-29W County, Kansas, to the best of my knowledge and belief.

CHIEF DRILLING CO., INC.

F. W. Shelton, Jr.

F. W. Shelton, Jr., Vice President

Subscribed and sworn to before me this 15th day of January.

NOTARY PUBLIC
 STATE OF KANSAS
 EXPIRES 12-31-82

Notary Signature
 Notary Public