NOTICE OF INTENTION TO DRILL

TO BE FILED WITH THE STATE CORPORATION COMMISSION
PRIOR TO COMMENCEMENT OF WELL

1. Operator  Irv Hardman
   c/o Arthur Scott
   Address  601 120 Bldg., Wichita, Ks. 67202

2. Contractor  Abercrombie Drilling, Inc.
   Address  801 Union Ctr., Wichita, Ks. 67202

3. Type of Equipment: Rotary  X  Cable Tool
4. Well to be Drilled for: Oil  X  Gas
   Disposal  X  Other

5. Depth of Deepest Fresh Water within 1 mile  60' ft.
6. Depth of Municipal Water Well within 3 miles  None  ft.
7. Depth to Protect all Fresh Water  225' ft.
8. Amount of Surface Casing to be set  300' ft.
9. Alternate No. 1  X
   No. 2

REMARKS:

OPERATOR STATES THAT HE WILL COMPLY WITH K.S.A. 55-128

Signature of Operator

Jerry A. Langrehr, Exec. V.P.

API Number  15-045-21,019
   (For office use only)

Starting Date  May 9, 1978

County  Graham

Sec. 31  Twp. 6S  Rge. 23W E

Spot Location  SE NW

Nearest Lease Line  660' ft.

Lease Name  IRWIN

Well No.  #1

Est. Total Depth  4000' ft.