7-187W MAP NO. 77 SEC. 18-29S-32W

STATE Kans COUNTY Haskell LOC. C SW/4

OPER Kansas Natural Gas, Inc., Hays, Kansas FT/FR LINE

WELL #A-1 FARM L. C. Leonard FT/FR LINE

FIELD Hugoton ELEV. 2923 GR 2930 DF 2933 KB 2925

CONT. Graham-Michaelis Drlg. GEOL. L-S 2922 DF

CO. INT. 2700' Gas Test

F.R. 5/16/63 SPUD 6/19/63 COMP. 7/16/63

TD 2706 FM. Winfield PBTD.

Completion Record

PRODUCING FM.	FROM — TO	PERF W/HOLES	TREATMENT
Krider	2644-82	152	2000A & Frac

I.P. Co. O.F.: 2,700,000 Cfgpd (No Press)

Casing Record

8" @621' w/375 sx 5½" @2706' w/900 sx

Data Inc.

(KB) Log

Kri	2640	+ 293	LTD	2703	+ 230
(Winf not called)			RTD	2706	+ 227

RTD 2706, Log 6/22/63, 5½" @2705' w/900 sx, CO 2703, Perf 4/2692-93 (Kri), Sq w/200 sx, CO, Perf 152/2644-82 (Kri), 3000 A, Ga 600,000 Cfgpd, Frac (40,000 Gal Wtr x 30,000# Sd), Flow 1d,

Co. Ga 2,700,000 Cfgpd - No Press Avail, Kri 2644-82.

COMPLETED (7/8/63)

2925 KB

CSG Log Krider 2640 + 285

Est Win 2725 + 200