GOP66 00147 no permit number

SCHLUMBERGER

GAMMA RAY - NEUTRON

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY ST. LOUIS
FIELD or FLORISSANT
LOCATION N/A
WELL ERWIN #1 UGS
COMPANY LACLEDE GAS CO.

189-00147

COMPANY LACLEDE GAS COMPANY

WELL ERWIN #1 UGS

FIELD FLORISSANT

COUNTY ST. LOUIS STATE MISSOURI

Location: N/A

Sec. ____ Twp. ____ Rge. ____

Other Services: NONE

Permanent Datum: GROUND LEVEL ; Elev.: 546
Log Measured From KB , 9 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 555
D.F. ____
G.L. 546

Date	11-26-62		
Run No.	ONE		
Type Log	GRN		
Depth—Driller	1462		
Depth—Logger	1458		
Bottom logged interval	1458		
Top logged interval	100		
Type fluid in hole	GAS		
Salinity, PPM Cl.	--		
Density	--		
Level	--		
Max rec. temp., deg F.	--		
Operating rig time	1 HR.		
Recorded by	MCCLUSKEY		
Witnessed by	THOMAS		

RUN	BORE-HOLE RECORD			CASING RECORD			
No.	Bit	From	To	Size	Wgt.	From	To
ONE	13 3/4	KB	1158	16"	-	KB	--
ONE	9 7/8	KB	1435	10 3/4	-	KB	1155
ONE	6 1/8	1440	1463	7"	-	KB	1440
				2 3/8 EUE		KB	1462

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33 Φ

EQUIPMENT DATA

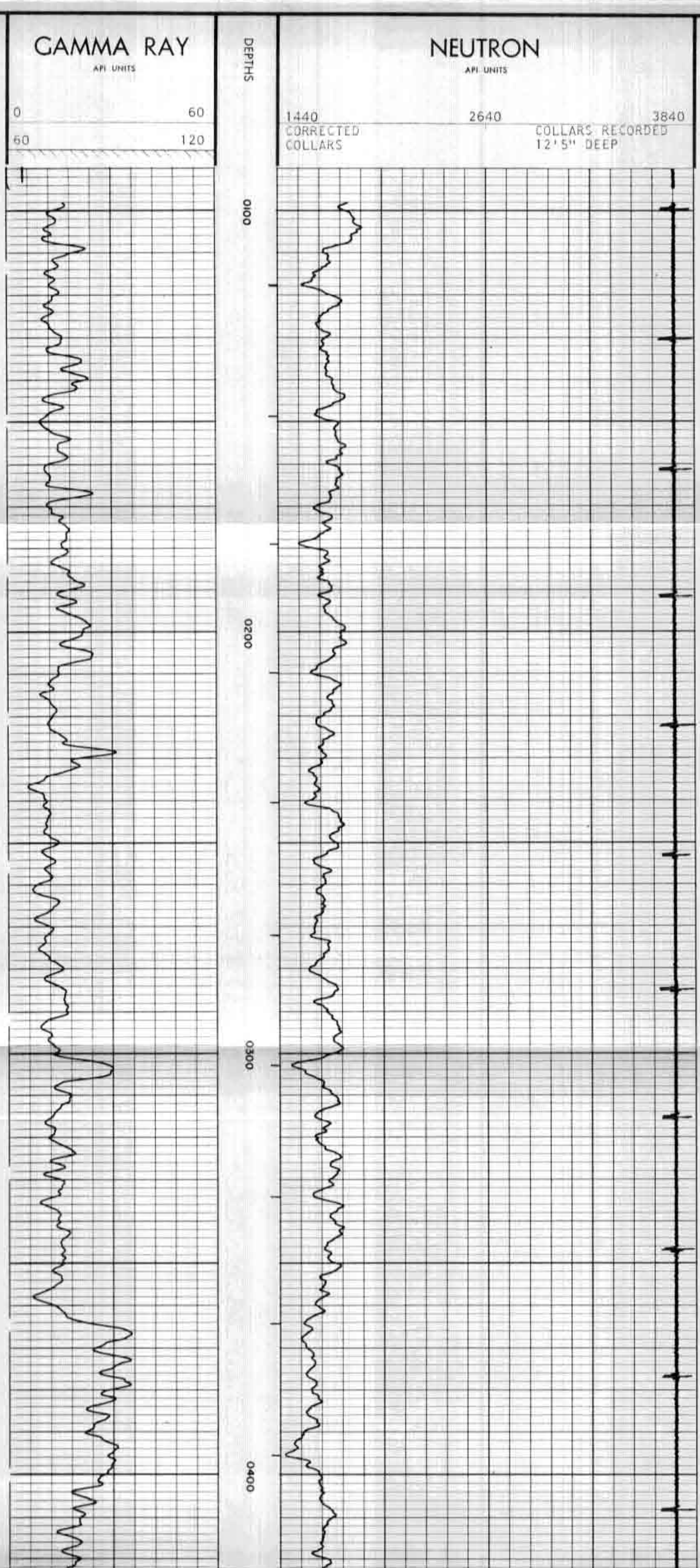
Gamma Ray			Neutron	
Run No.	ONE		Run No.	ONE
Tool Model No.	GNT-J		Log Type	N-G+N-N THERM (COMBINATION)
Diameter	1 11/16"		Tool Model No.	GNT-J
Det'r Model No.	SGD-H		Diameter	1 11/16"
Type	SCINT.		Det'r Model No.	NLD-K
Length	8"		Type	GM
Dist. to N. Source	100 1/4"		Length	6"
General			Source Model No.	NLS-L
			Serial No.	M-843
Hoist Truck No.			Spacing	16" C-C
Inst. Truck No.	2950		Type	PU BE
Tool Serial No.	SEE REMARKS		Strength	9×10^6
Location	LINCOLN			

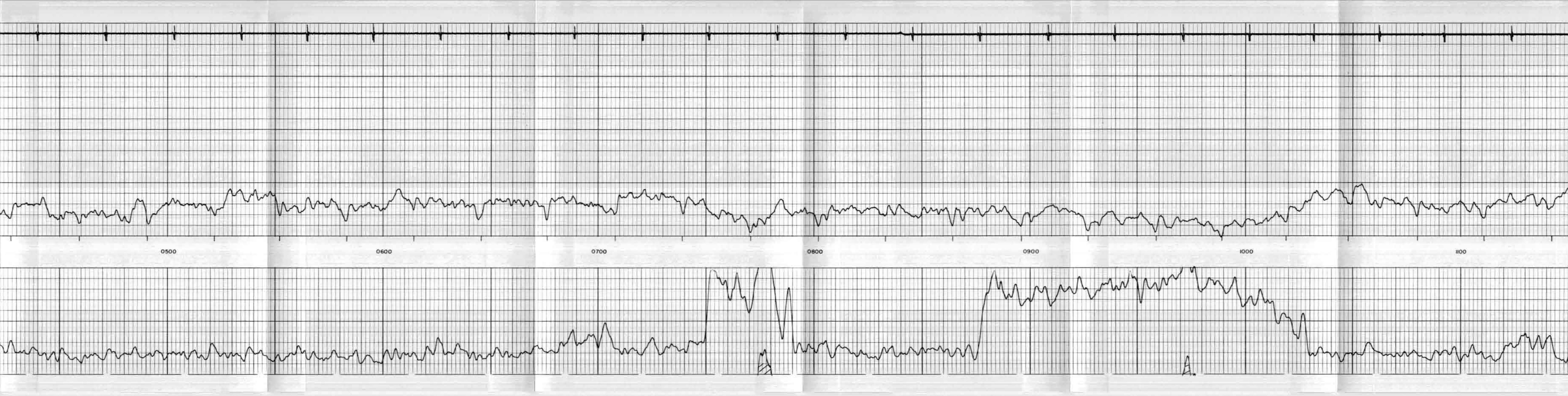
LOGGING DATA

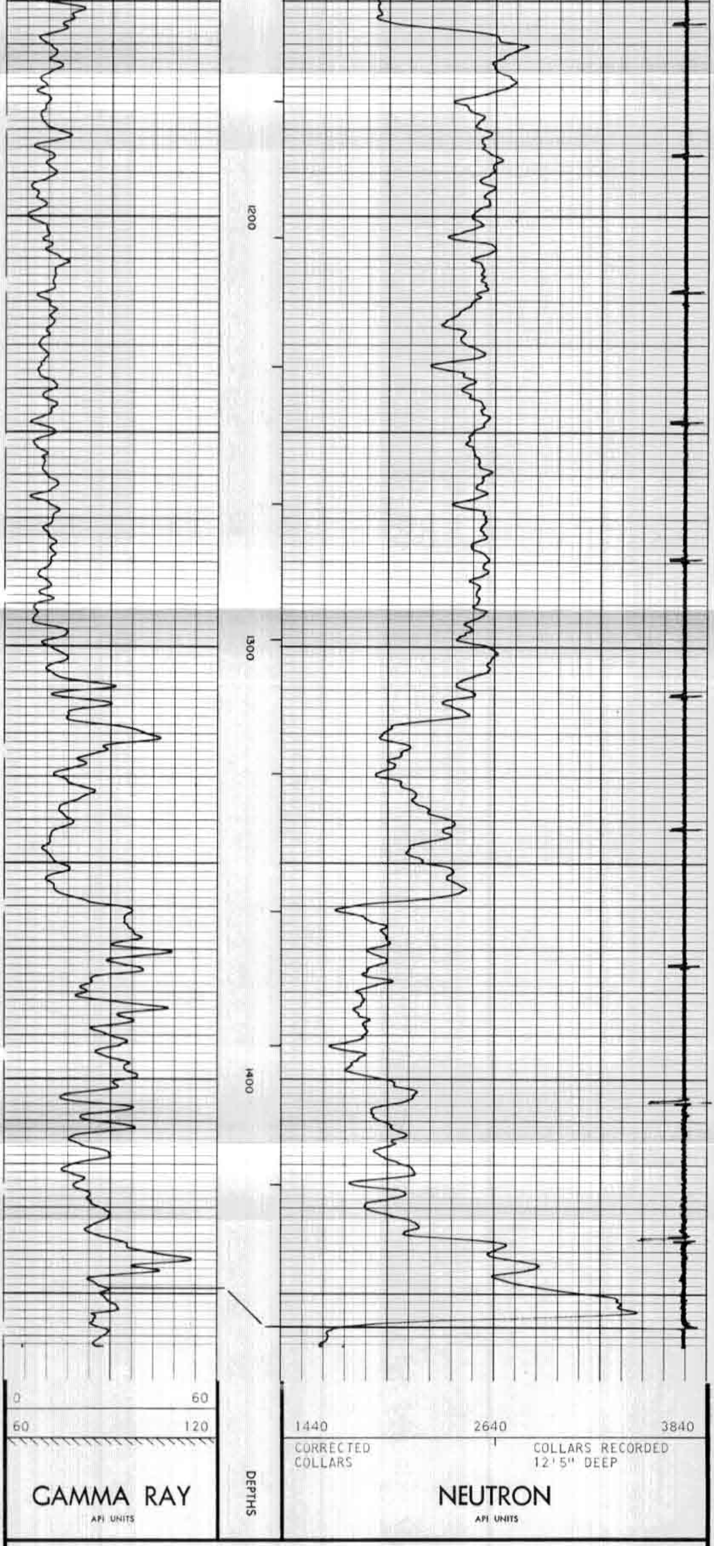
General					Gamma Ray				Neutron			
Run No.	Depths From	Depths To	Speed Ft/Min.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API G.R. Units per Log Div.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API N. Units per Log Div.
ONE	100	1458	30	2	150	0	6	2	600	12L	120

Reference Literature:

Remarks: GNT-J CONSISTING OF GNH-J-5, GNC-J-7, SDC-A-24, SGD-H-37, NLD-K-8, NLS-L-24, CCL-T-11







COMPANY LACLEDE GAS CO.	Rm ____ @ ____ °F	SWSC FR 1458
WELL ERWIN #1 UGS	Rmf ____ @ ____ °F	SWSC TD 1458
	Rmc ____ @ ____ °F	DRLR TD 1462
FIELD FLORISSANT	BHT ____ °F	Elev:
		KB 555
		DF ____
COUNTY ST. LOUIS STATE MISSOURI		GL 546

RADIOACTIVITY CALIBRATION DATA

SCHLUMBERGER LOCATION NEUTRON CALIBRATION

SENS = 500 TC = 6 SEC

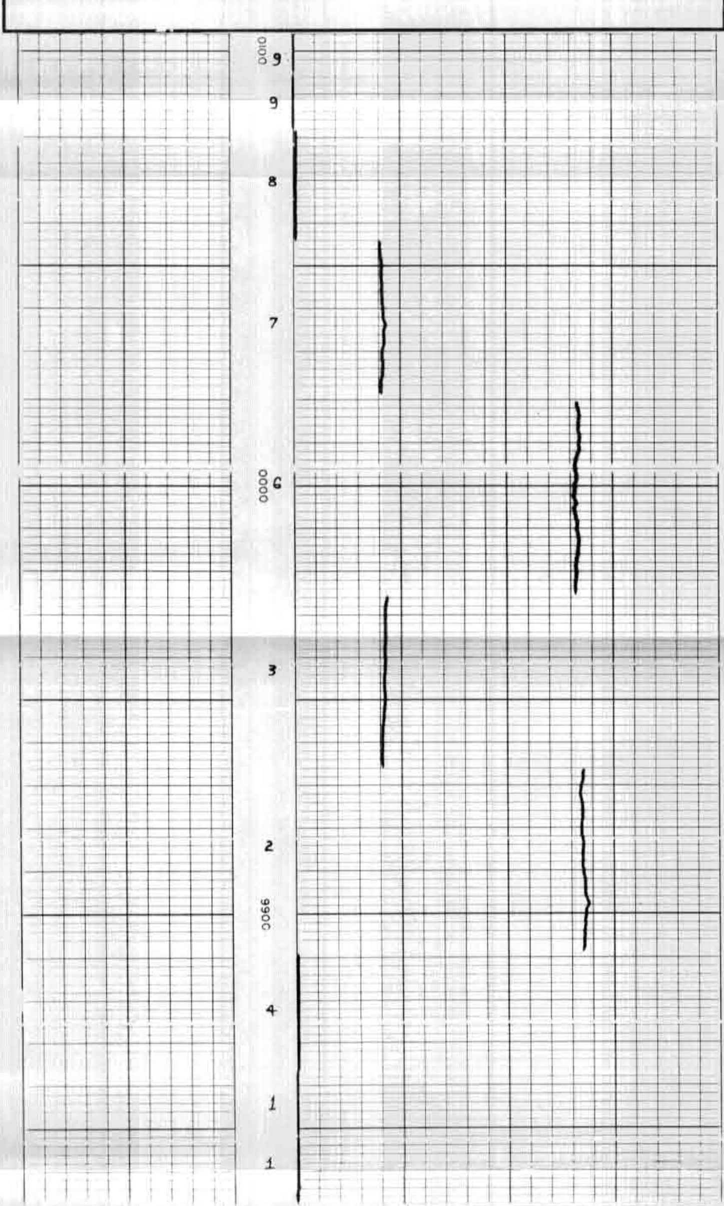
DATE NOVEMBER 8, 1962 MARION

EQUIPT SERIAL NOS: GNC -J - 7 . **SGD** -H - 37 .

NDH - - . **NLD** -K - 8 . **NLS** - L - 24 . **NCT** - B-66 . **T.S. #** .

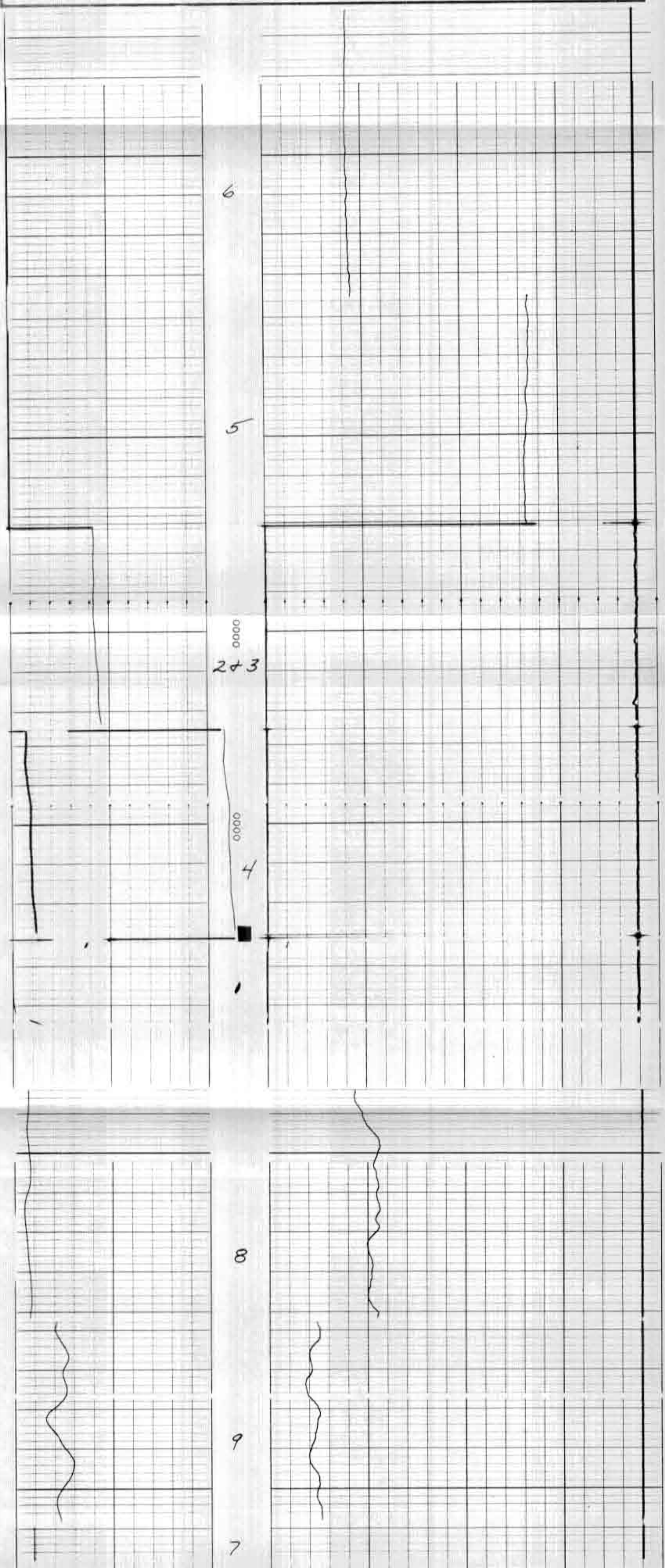
1) **Mechanical and Electrical Zero**
2) **NCT-B Calibrating Tank** 490 **CPS**
3) **Water Tank** 150 **CPS**
4) **Background in Air** 4 **CPS**
5) **Mechanical and Electrical Zero**
6) **Calibration Jig "Close" Position** 490 **CPS**
7) **Calibration Jig "Far" Position** 150 **CPS**
8) **Background in Air** 4 **CPS**
9) **Mechanical and Electrical Zero**

CAL. TANK TEMPERATURE 63° F.
WATER TANK TEMPERATURE 46° F.



FIELD RADIOACTIVITY CALIBRATION

1) Gamma Ray and/or Neutron Calibration Zero
2) Gamma Ray Background, CPS 170, TC-6, SENS. 500
3) Neutron Background, CPS 2, TC-6, SENS.-500
4) Gamma Ray Calibration @ 6.75 DIV. — 135 API Units, CPS 460, TC-6, SENS. 500
5) Neutron Calibration Jig, "Near" Position CPS 490, TC-6, SENS.-500
6) Neurton Calibration Jig, "Far" Position CPS 150, TC-6, SENS.-500
7) Gamma Ray and/or Neutron Zero
8) Formation Gamma Ray and/or Neutron Reading at Calibration Sensitivity
9) Formation Gamma Ray and/or Neutron Reading at Logging Sensitivity



RADIOACTIVITY CALIBRATION DATA

COMPANY LACLEDE GAS CO.
WELL ERWIN #1 UGS
FIELD FLORISSANT
COUNTY ST. LOUIS STATE MISSOURI

Rm ______ @ ______ °F
Rmf ______ @ ______ °F
Rmc ______ @ ______ °F
BHT ______ °F

SWSC FR 1458
SWSC TD 1458
DRLR TD 1462
Elev:
KB 555
DF ______
GL 546