

**NOTE**

1. DRAWING IS PRODUCED FROM U S GEOLOGICAL SURVEY MAP.

**LEGEND**

- ◆ TEST WELL AND OBS WELL
- ◆ EXPLORATORY BORING COMPLETED AS OBSERVATION WELL
- EXISTING MARTIN PLANT PRODUCTION WELL
- FLORIDAN AQUIFER TEST WELL

NO.	DATE	REVISIONS	BY	CHK	DES	ENGR	PROJ	APPR
<b>BECHTEL</b> GAITHERSBURG, MARYLAND								
<b>FLORIDA POWER &amp; LIGHT COMPANY</b> 01 170 MARTIN COMBINED CYCLE UNITS COAL GASIFICATION COMPATIBLE PROJECTS								
<b>TEST WELL LOCATION PLAN</b> FIGURE 4.1-1								
SCALE	1"=2000'	19720					SK C 009	

FLORIDA GEOPHYSICAL LOGGING, INC.

FT. MYERS

(813) 489-2155

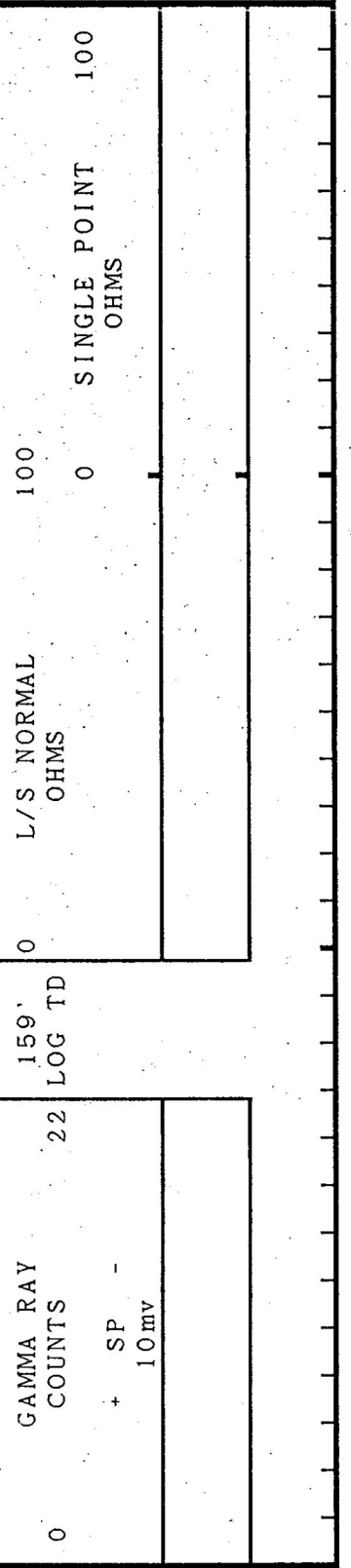
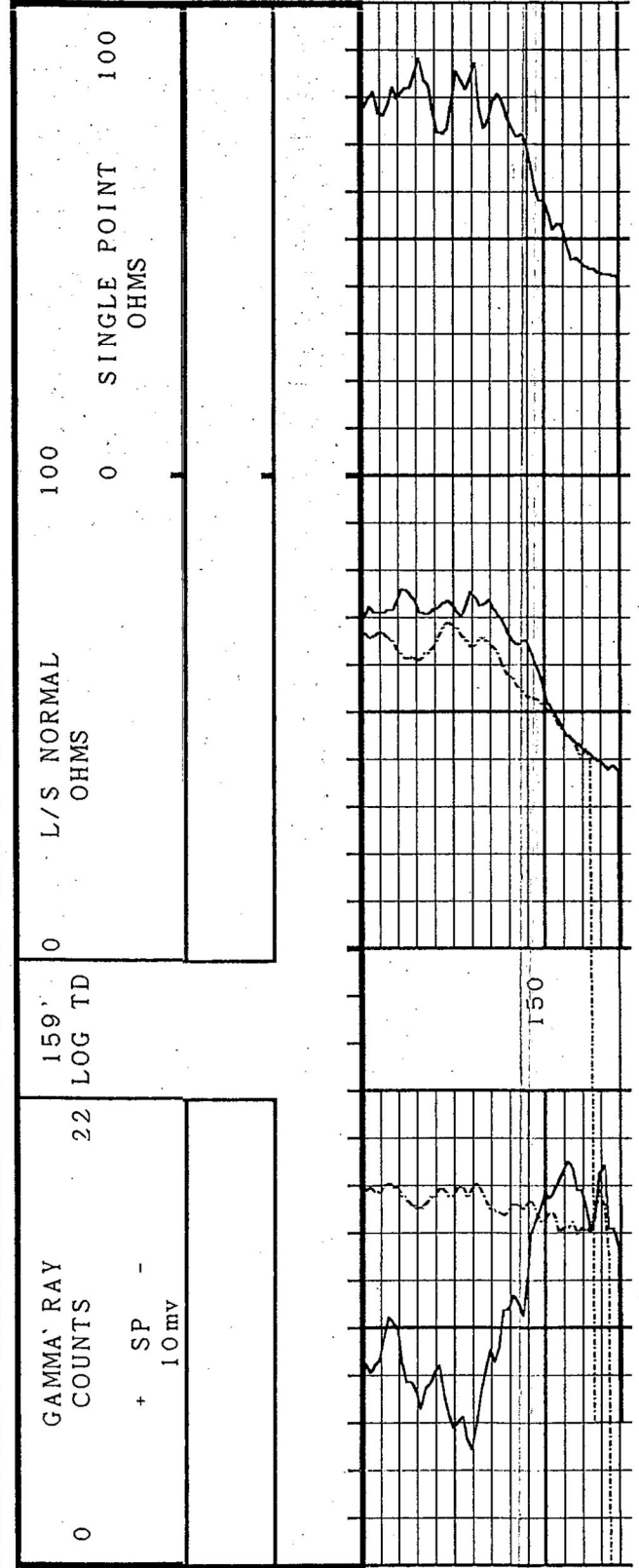
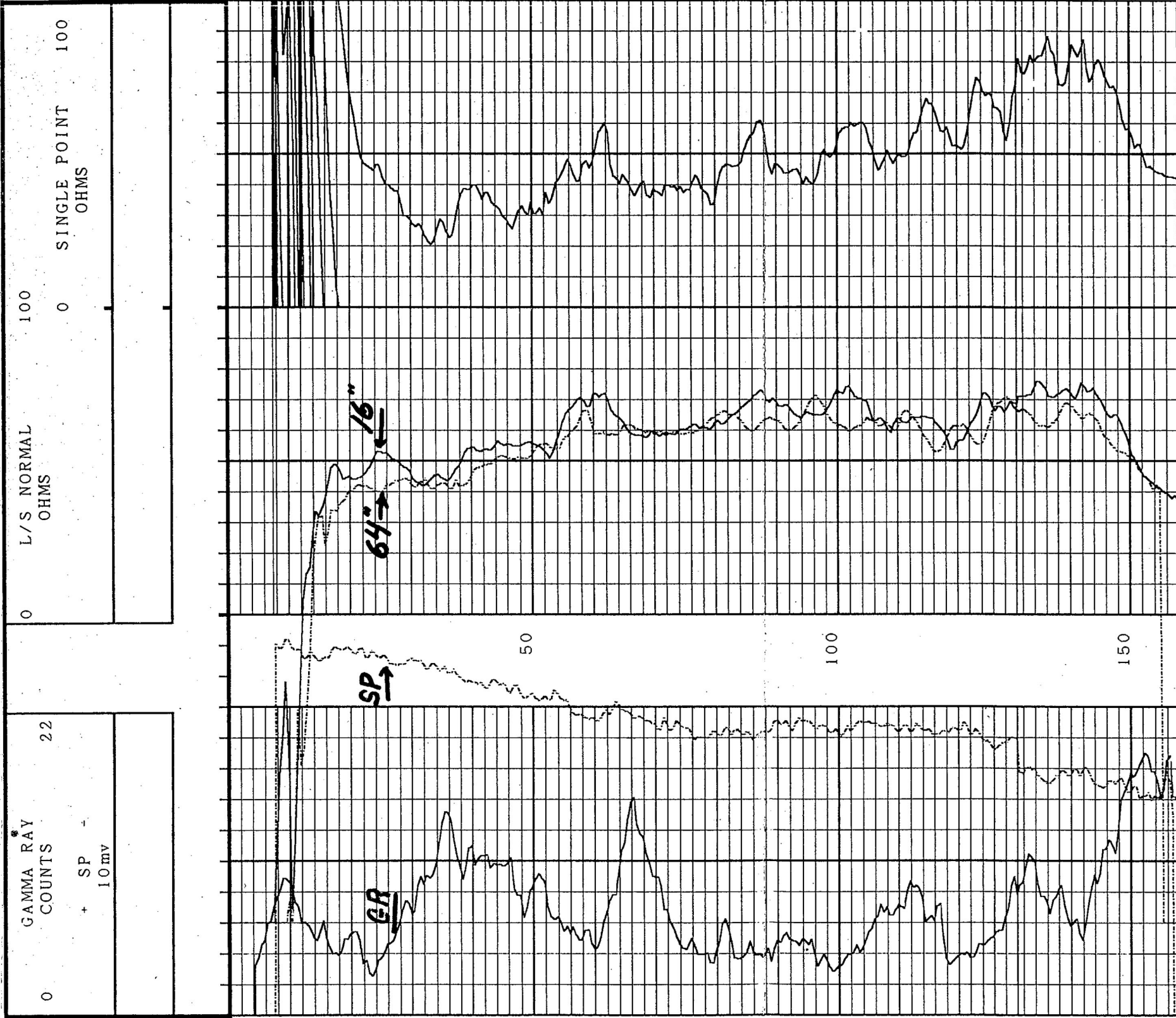
FILING NO. COMPANY DRILLING SERVICES, INC.  
 WELL BEX-3  
 FIELD FP&L MARTIN CC/CG  
 COUNTY MARTIN STATE FLORIDA

LOCATION: SE4/NE4  
 SEC 4 TWP 40S RGE 38E  
 OTHER SERV:

PERMANENT DATUM: GROUND LEVEL ELEV:  
 LOG MEASURED FROM 0 FT ABOVE PERM DATUM  
 DRILLING MEASURED FROM 0  
 ELEVATION:  
 KB.  
 DF.  
 GL.

DATE	5-5-89	5-5-89
RUN NO.	ONE GR	TWO E-LOG
DEPTH - DRILLER	160'	160'
DEPTH - LOGGER	159'	159'
BOTTOM LOGGED INT	158.5'	
TOP LOGGED INT	4'	
TYPE FLUID IN HOLE	MUD	
SALINITY PPM CL.		
DENSITY LEVEL	FULL	
MAX TEMP DEG F		
OPERATING RIG TIME	NA	
RECORDED BY	D. WILSON	
WITNESSED BY	MR. BLODNIKAR	

RUN NO.	BORE HOLE RECORD				CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO	
1	6"	0	160'					







# OBSERVATION WELL

PROJECT *FPH MARTIN CC/CG*

WELL NO. *BEX-3*

JOB NO. *19720*

SITE *TRANSMISSION LINE CORRIDOR*

COORDINATES *N 979207.26 E 652300.13*

BEGUN *5/5/89*

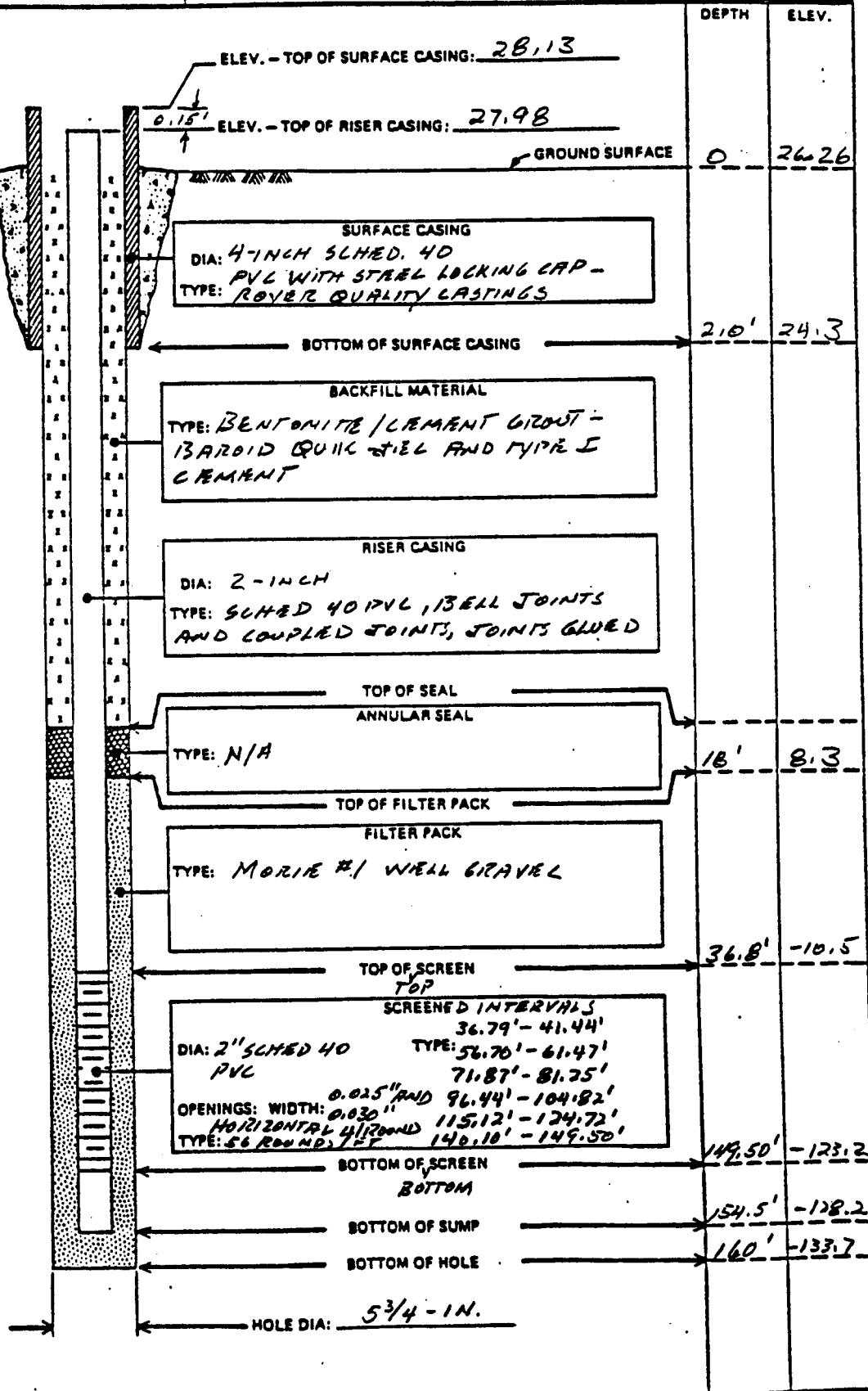
COMPLETED *5/5/89*

PREPARED BY *ROBERT L. BLODNIKAK*

REFERENCE POINT FOR MEASUREMENTS *TOP OF 2" PVC RISER PIPE*

GENERALIZED GEOLOGIC LOG

FOR INFORMATION ONLY  
**PRELIMINARY**



ELEV. - TOP OF SURFACE CASING: *28.13*

ELEV. - TOP OF RISER CASING: *27.98*

SURFACE CASING  
DIA: 4-INCH SCHED. 40  
PVC WITH STEEL LOCKING CAP -  
TYPE: ROVER QUALITY CASTINGS

BACKFILL MATERIAL  
TYPE: BENTONITE / CEMENT GROUT -  
BAROID QUICK TIE AND TYPE I  
CEMENT

RISER CASING  
DIA: 2-INCH  
TYPE: SCHED 40 PVC, BELL JOINTS  
AND COUPLED JOINTS, JOINTS GLUED

TOP OF SEAL  
ANNULAR SEAL  
TYPE: N/A

FILTER PACK  
TYPE: MORIE #1 WELL GRAVEL

SCREENED INTERVALS  
DIA: 2" SCHED 40 PVC  
TYPE: 36.79' - 41.44'  
56.70' - 61.47'  
71.87' - 81.75'  
96.44' - 104.82'  
115.12' - 124.72'  
140.10' - 149.50'  
OPENINGS: WIDTH: 0.025" AND 0.030"  
HORIZONTAL 4/12 SLOPE  
TYPE: 56 ROUND 1/2"

HOLE DIA: *5 3/4 - IN.*