

**BASIN GEOPHYSICAL**

2450 LAKESIDE PARKWAY  
SUITE 150-161  
FLOWER MOUND, TX 75022



## **BASIN GEOPHYSICAL**

**GNSS-GPS, Glonass, Galileo**

**High speed data download  
via TransferJet™**

**24 bit Sigma Delta**

**Industrialized micro SD**

**Internal high sensitivity**

**geophone or optional  
external connector**



**Unit/sensor status via BLE™  
(Bluetooth Low Energy)**

**Highly visible LED status**

**10 Ah Li-ion Battery**

**<100mW power  
consumption**

# **NUSEIS™ NRU 1C™**

## **NODE STYLE SEISMOGRAPH**

### **NRU 1C (NUSEIS RECORDING UNIT)**

SEISMOGRAPH • GPS • BATTERY • HIGH SENSITIVITY GEOPHONE  
INTERNAL CLOCK • REMOVABLE MEMORY • BLUETOOTH COMMUNICATION  
WIRELESS DATA TRANSFER • CONTINUOUS RECORDING • PROGRAMMABLE RECORDING  
AMBIENT SEISMIC PROCESSING • EXTERNAL LED LIGHTS



# MANUAL AND AUTOMATIC DEPLOYMENT



VERSATILE  
**POSITIONING**



## POWERED DRIVER



## MANUAL DRIVER



Driver makes Tapered Pilot hole, matching NRU profile. After removal, an NRU is tamped into place



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**NO  
DOZING!**

**750+ TOTAL  
SRC-REC.  
PER SQ MILE**

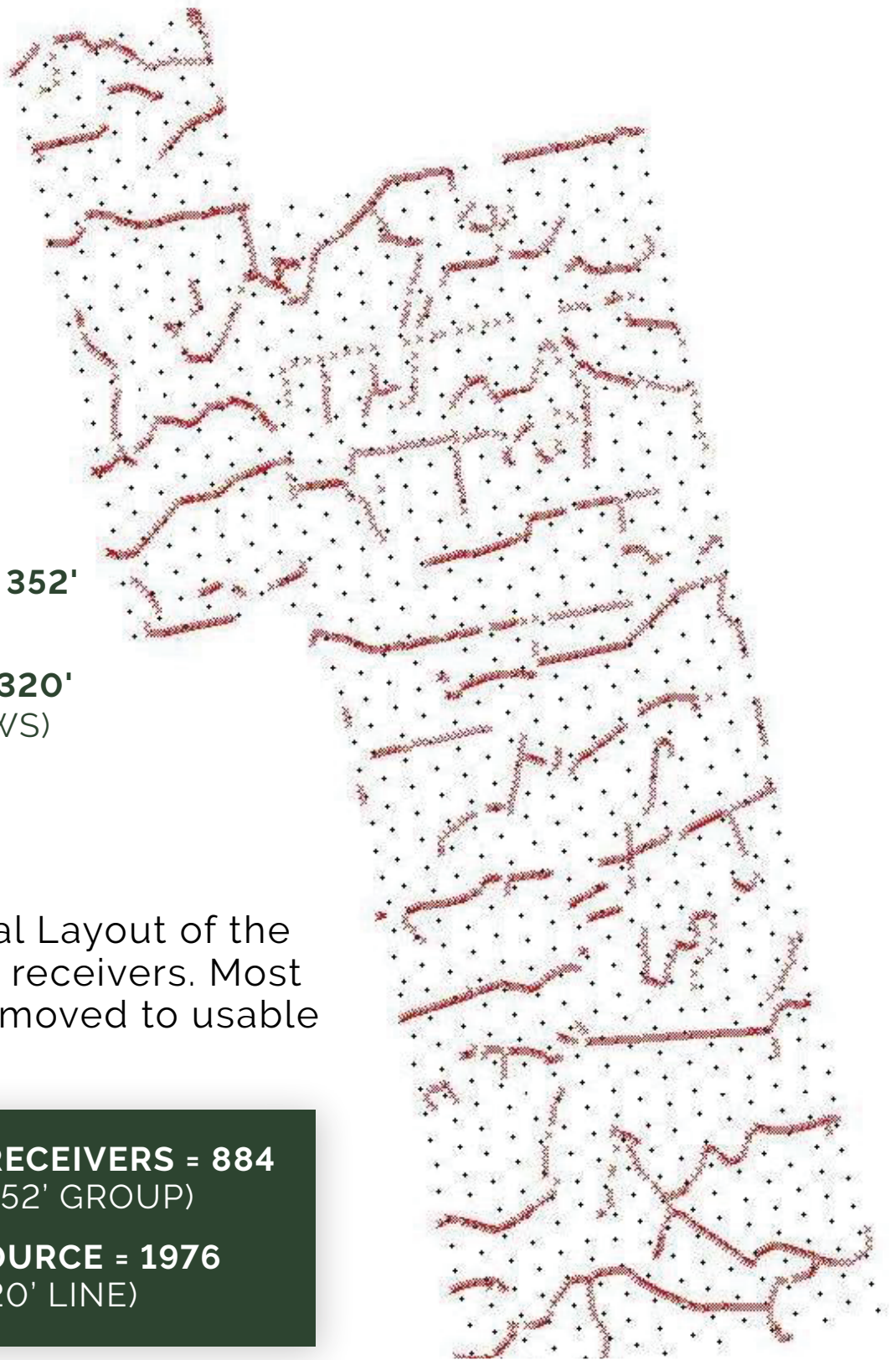
**RECEIVERS 352' X 352'**  
(OFFSET)

**SOURCES 44' X ~1320'**  
(ON EXISTING ROWS)

Here is the actual Layout of the Sources and the receivers. Most of the SPs were moved to usable roads, however.

**BLACK DOTS = RECEIVERS = 884**  
(352' GROUP X 352' GROUP)

**RED CROSS = SOURCE = 1976**  
(44' GROUP X 1320' LINE)

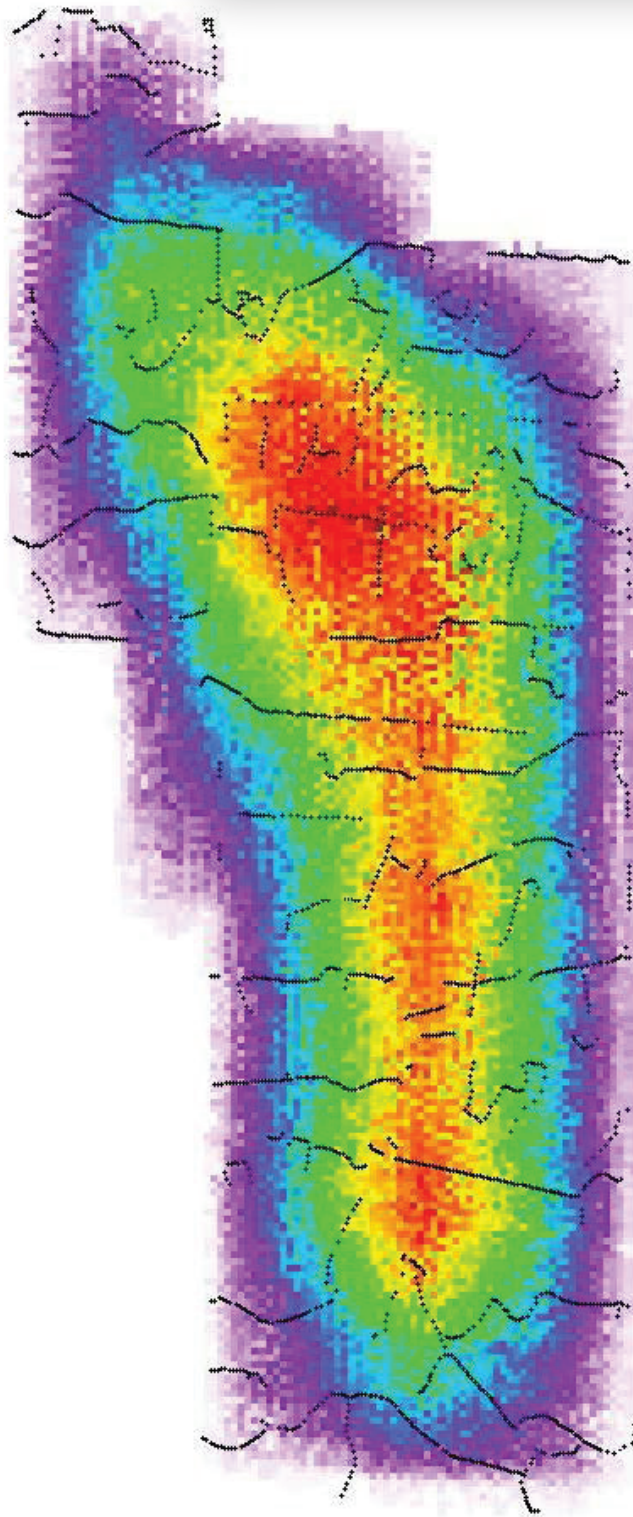
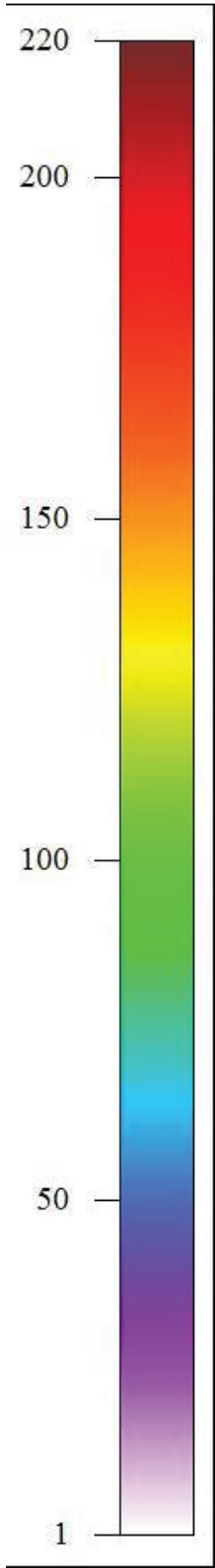


Staggered Receiver spacing, and Near random SPs, eliminate fold patterns induced by standard gridded designs.

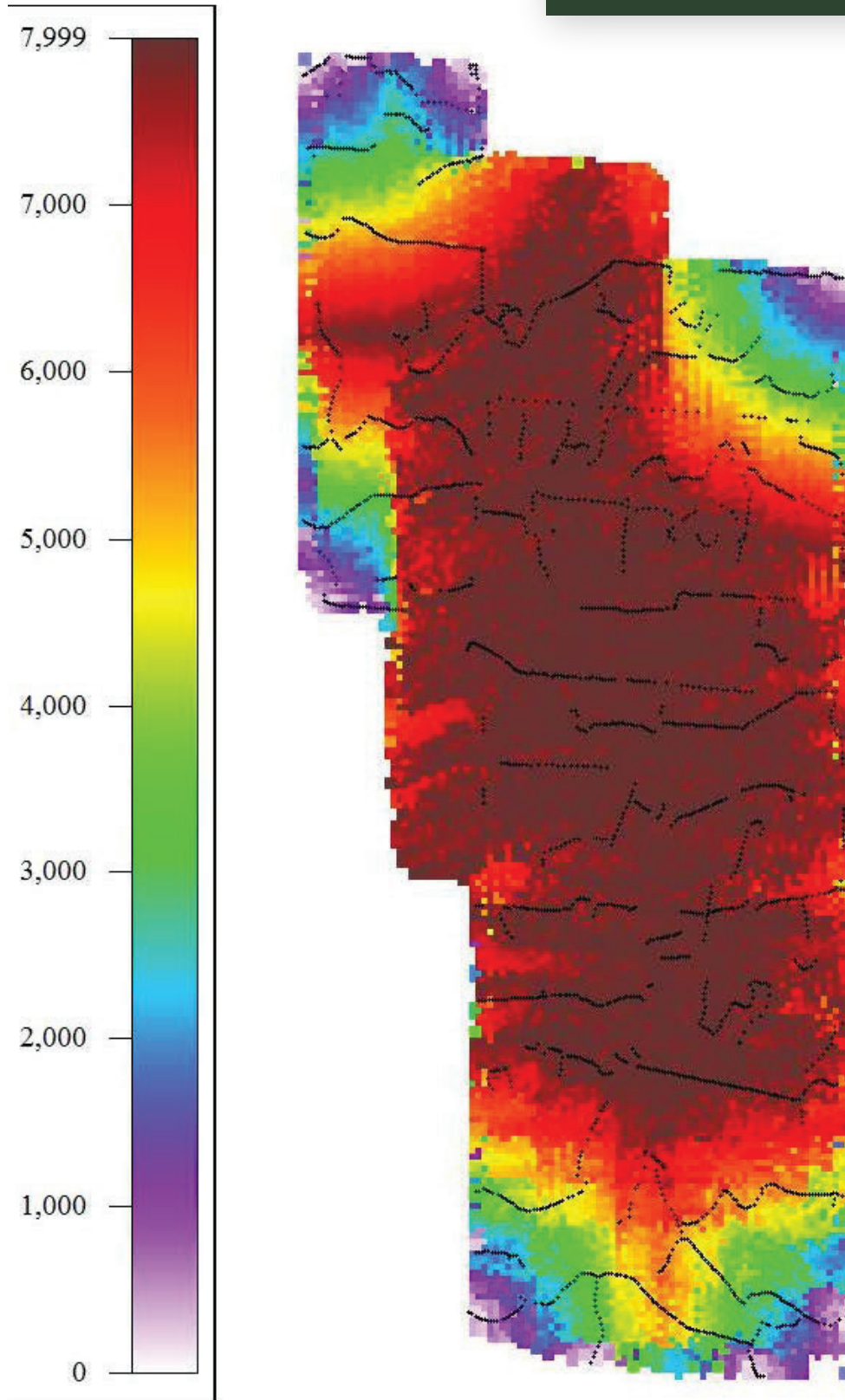


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AS RECORDED LAYOUT 30 MAY, FOLD:  
0-7500' OFFSETS, 88'x88' BINS



**AS RECORDED LAYOUT 30 MAY,  
MAXIMUM OFFSETS IN FEET**



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