

## BP Multiple Synthetic

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### ABSTRACT

Synthetic velocity model with multiples.

### UNOCAL GOM DATA

**Raw Data** /data/2d\_synthetic/bp\_multiple/data.H

$V_p$  /data/2d\_synthetic/bp\_multiple/v\_p.H

$V_s$  /data/2d\_synthetic/bp\_multiple/v\_s.H

$\rho$  /data/2d\_synthetic/bp\_multiple/density.H

**Demultiple(radon) stack** /data/2d\_synthetic/bp\_multiple/stack.H

**Demultiple data** /data/2d\_synthetic/bp\_multiple/demult\_math.H

**Usage** None **Geometry**

data.H:

```
in="./data.H@"
expands to in="./data.H@"
esize=4
n1=1216 n2=374 n3=1100          500262400 elem          2001049600 bytes
d1=0.006          d2=-88 d3=88
          Warning: d2 is negative. Legal, but risky.
o1=0   o2=-44   o3=66
labell=time
label2=trace number
```

**Problem** Demultiple, Interpolation

**History of Data** ?? **Preprocessing** ??

**Proprietary Considerations** (Direct quote if possible.)

### REFERENCES

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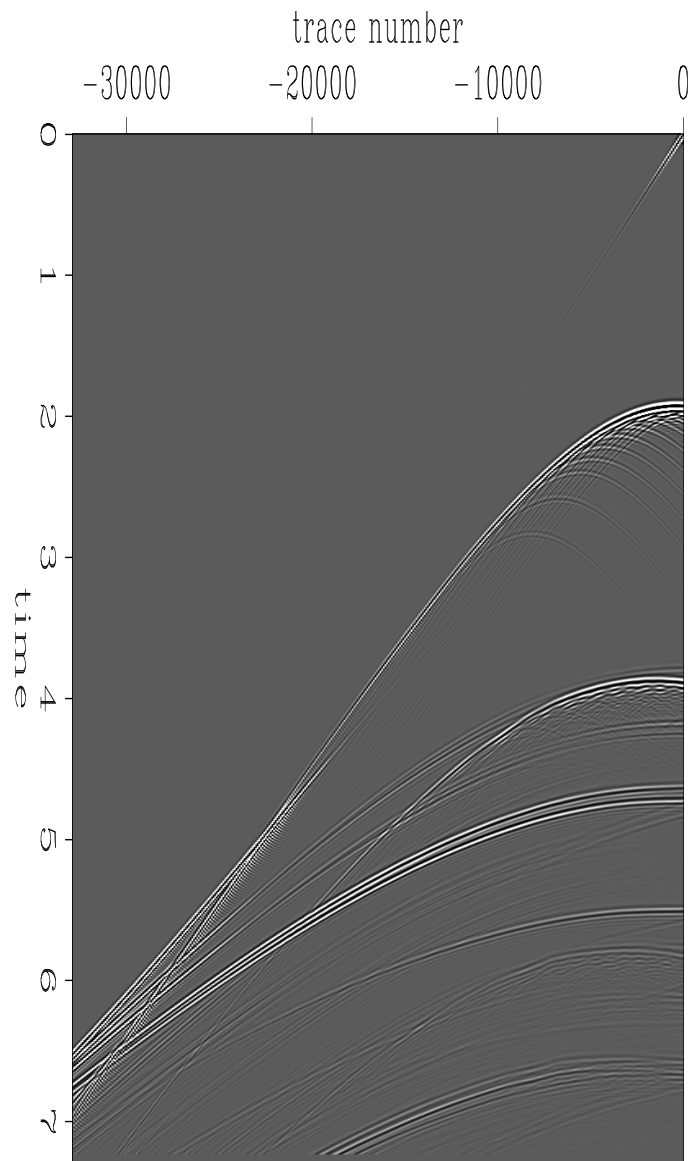


Figure 1: Raw Data `bp-mult-synthetic-shot` [ER]

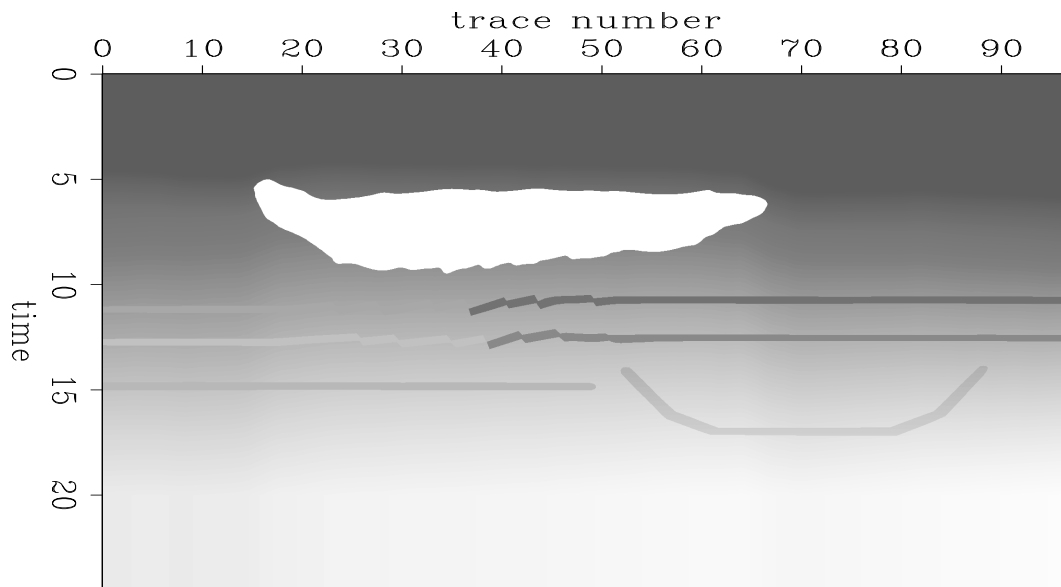


Figure 2: Velocity (pressure) model `bp-mult-synthetic-vp` [ER]

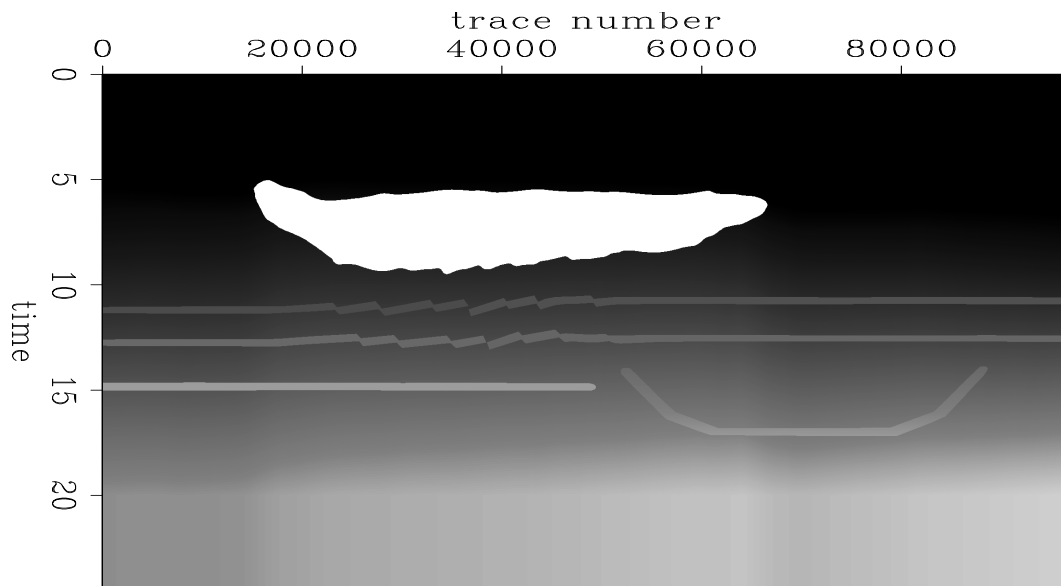


Figure 3: Velocity (shear) model `bp-mult-synthetic-vs` [ER]

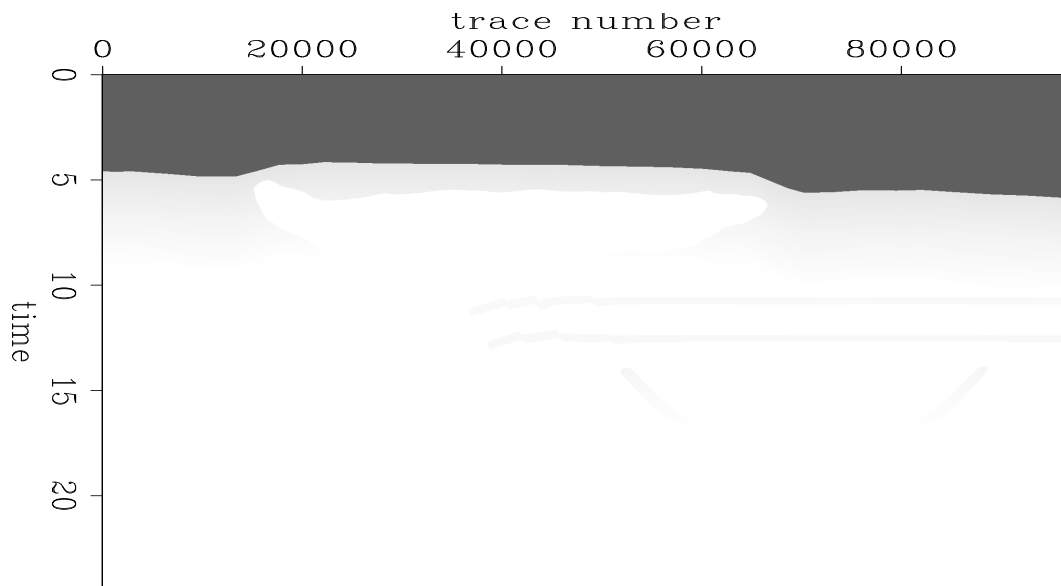


Figure 4: Density model `bp-mult-synthetic-density` [ER]

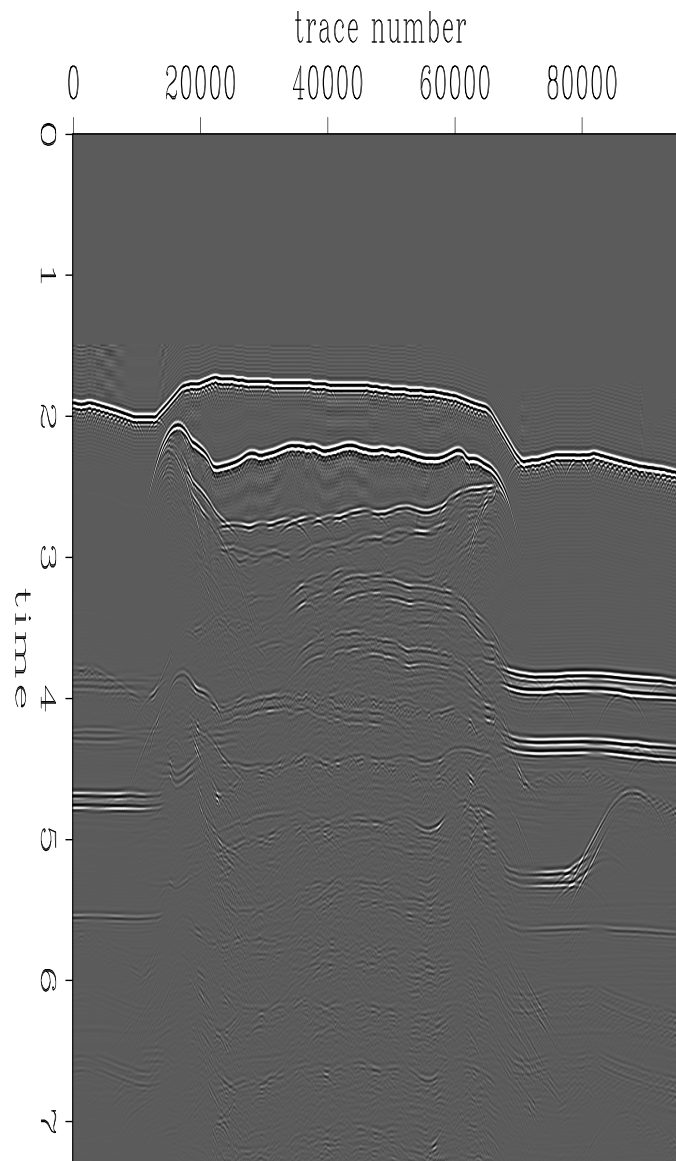


Figure 5: Stacked data `bp-mult-synthetic-stack` [ER]

