

Permeability to Air, Porosity, and Grain Density Determinations of Core Plugs from the Shell Oil Company Middle Ground Shoal No. C31-26 Well.



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Company XTO Energy

Well: *Shell Oil Company Middle Ground Shoal*

Field:

No. C31-26

Location: Cook Inlet, Alaska

BJ TSR: 08-03-0250

Plugs taken from Shell Collection at Alaska GMC

| Sample ID | Depth ft. | Permeability to Air, md | Porosity, percent | Grain Density, gm/cc | Sample Status |
|-----------|-----------|-------------------------|-------------------|----------------------|---------------|
| 1 | 9525.38 | 1.58 | 10.82 | 2.66 | Clean/Dry |
| 2 | 9525.37 | 1.84 | 11.38 | 2.67 | Tested |
| 3 | 9525.35 | 1.93 | 10.36 | 2.67 | Tested |
| 4 | 9525.47 | 1.59 | 11.31 | 2.66 | Clean/Dry |
| 5 | 9525.48 | 1.66 | 11.31 | 2.67 | Clean/Dry |
| 6 | 9525.49 | 1.67 | 10.9 | 2.66 | Clean/Dry |
| 7 | 9196.15 | 177 | 16.7 | 2.64 | Clean/Dry |
| 8 | 9196.13 | 132 | 16.9 | 2.64 | Tested |
| 9 | 9195.88 | 84.1 | 15.3 | 2.65 | Clean/Dry |
| 10 | 9195.74 | 79.2 | 15.3 | 2.65 | Tested |
| 11 | 9195.80 | 70.3 | 16. | 2.65 | Clean/Dry |