

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Inexco Swanson-Government No. 1 well drilled in NE1/4NE1/4 (660 feet S/N 660 feet W/E) of sec 22, T 25 N, R 110 W, Sweetwater County, Wyoming

Surface elevation 6,987 feet

| Sample number | | Run No. | Yield of product | | | | Specific gravity of oil at 60°/60° F | Properties of spent shale | | Remarks |
|---------------|---------|---------|------------------|-------|-------------|------------|--------------------------------------|---------------------------|-------------------|---------|
| | | | Weight percent | | Spent shale | Gas + loss | | Gal per ton | | |
| Laramie | Their | | Oil | Water | | | | | Oil ^{1/} | Water |
| SBR70-4795 | 30-60 | 51161 | 0.0 | 2.7 | 97.2 | 0.1 | No Oil | 6.4 | None | |
| SBR70-4796 | 90-120 | 51162 | .0 | 2.6 | 97.2 | .2 | Trace | 6.2 | None | |
| SBR70-4797 | 120-150 | 51163 | .0 | 2.5 | 97.3 | .2 | Trace | 5.9 | None | |
| SBR70-4798 | 150-180 | 51164 | .1 | 2.9 | 96.2 | .8 | .2a | 6.9 | None | |
| SBR70-4799 | 180-210 | 51165 | .1 | 3.9 | 94.0 | 2.0 | .3a | 9.3 | None | |
| SBR70-4800 | 210-240 | 51166 | .3 | 3.9 | 92.5 | 3.3 | .8a | 9.4 | None | |
| SBR70-4801 | 240-270 | 51167 | .1 | 2.9 | 96.1 | .9 | .2a | 6.9 | None | |
| SBR70-4802 | 270-300 | 51168 | .1 | 3.7 | 94.7 | 1.5 | .3a | 8.8 | None | |
| SBR70-4803 | 300-330 | 51169 | .6 | 1.9 | 96.2 | 1.3 | 1.5a | 4.6 | None | |
| SBR70-4804 | 330-360 | 51170 | .7 | 1.9 | 96.4 | 1.0 | 1.7a | 4.6 | None | |
| SBR70-4805 | 360-390 | 51171 | 1.9 | 1.9 | 94.6 | 1.6 | 5.1a | 4.6 | None | |
| SBR70-4806 | 390-420 | 51172 | 2.2 | 1.6 | 94.3 | 1.9 | 5.7 | 3.8 | 0.920 | None |
| SBR70-4807 | 420-450 | 51173 | 3.9 | 1.4 | 93.1 | 1.6 | 10.2 | 3.4 | .912 | None |
| SBR70-4808 | 450-480 | 51174 | 2.3 | 1.6 | 95.0 | 1.1 | 6.1 | 3.8 | .910 | None |
| SBR70-4809 | 480-510 | 51175 | 3.0 | 1.7 | 93.6 | 1.7 | 7.8 | 4.1 | .914 | None |
| SBR70-4810 | 510-540 | 51176 | 1.9 | 1.7 | 95.5 | .9 | 4.9a | 4.1 | None | |
| SBR70-4811 | 540-570 | 51177 | 1.3 | 1.6 | 96.4 | .7 | 3.5a | 3.8 | None | |
| SBR70-4812 | 570-600 | 51178 | .5 | 1.2 | 97.2 | 1.1 | 1.2a | 2.9 | None | |
| SBR70-4813 | 600-630 | 51179 | 1.7 | .8 | 96.7 | .8 | 4.3a | 2.0 | None | |
| SBR70-4814 | 630-660 | 51180 | 1.0 | 1.2 | 96.1 | 1.7 | 2.5a | 2.9 | None | |
| SBR70-4815 | 660-690 | 51181 | .7 | 2.5 | 96.0 | .8 | 1.7a | 6.0 | None | |
| SBR70-4816 | 690-720 | 51182 | .4 | 2.0 | 97.3 | .3 | .9a | 4.8 | None | |
| SBR70-4817 | 720-750 | 51183 | .2 | .7 | 97.4 | 1.7 | .4a | 1.8 | None | |
| SBR70-4818 | 750-780 | 51184 | .0 | .8 | 95.8 | 3.4 | No Oil | 2.0 | None | |
| SBR70-4819 | 780-810 | 51185 | .1 | .7 | 99.2 | .0 | .2a | 1.6 | None | |
| SBR70-4820 | 810-840 | 51186 | .1 | .9 | 98.8 | .2 | .1a | 2.2 | None | |
| SBR70-4821 | 840-870 | 51187 | .2 | 1.1 | 98.2 | .5 | .6a | 2.6 | None | |
| SBR70-4822 | 870-900 | 51188 | .2 | 1.1 | 98.3 | .4 | .4a | 2.6 | None | |
| SBR70-4823 | 900-930 | 51189 | .3 | 1.2 | 97.7 | .8 | .8a | 2.9 | None | |
| SBR70-4824 | 930-960 | 51190 | .2 | 1.3 | 98.0 | .5 | .5a | 3.2 | None | |

See footnote at end of table.

Drill cutting samples received May 18, 1970; Assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Inexco Swanson-Government No. 1 well (con.)

Surface elevation 6,987 feet

| Sample number | | Run No. | Yield of product | | | | Specific gravity | | Properties of spent shale | Remarks |
|---------------|----------|---------|------------------|-------|-------------|------------|------------------|-----|---------------------------|---------|
| | | | Weight percent | | Spent shale | Gas + loss | Gal per ton | | | |
| Laramie | Their | | Oil | Water | | | | | Oil ^{1/} | Water |
| SBR70-4825 | 960- 990 | 51191 | 0.4 | 2.5 | 96.6 | 0.5 | 1.1a | 6.0 | None | |
| SBR70-4826 | 990-1020 | 51192 | .1 | 2.0 | 97.7 | .2 | .2a | 4.7 | None | |

^{1/} "a" indicates specific gravity estimated as 0.92.

Drill cutting samples received May 18, 1970; Assays made on air-dried samples