

U.S.G.S.

Colorado School of Mines Research Institute

May 14, 1980

P.O. BOX 112 • GOLDEN, COLORADO 80401
PHONE (303) 279-2581

CSMRI

| | Water gal/ton | Oil gas/ton | Specific Gravity | Gas + Loss |
|--------------------------|------------------|----------------|---------------------|---------------|
| 50-51 Hole 7 Box 1 50-60 | 0.706 | 1.11 | 0.910 | 0.265 |
| 51-52 " " | 0.710 | 0.130 | 0.910 | 0.938 |
| 52-53 " " | 2.38 | 0.287 | 0.910 | 1.58 |
| 53-54 " " | 3.27 | 0.180 | 0.910 | 0.516 |
| 54-55 " " | 3.333 | 0.261 | 0.910 | 0.793 |
| 55-56 " " | 5.23 | 0.914 | 0.910 | 0.248 |
| 56-57 " " | 4.97 | 0.000 | ----- | 0.168 |
| 57-58 " " | 3.58 | 0.840 | 0.910 | 0.876 |
| 58-59 " " | 3.333 | 0.418 | 0.910 | 0.734 |
| 59-60 " " | 4.00 | 1.37 | 0.910 | 0.854 |
| 60-61 Hole 7 Box 2 60-70 | 6.71 | 0.869 | 0.910 | 0.070 |
| 61-62 " " | 5.23 | 0.679 | 0.910 | 0.337 |
| 62-63 " " | 7.19 | 0.306 | 0.910 | 0.174 |
| 63-64 " " | 6.61 | 0.156 | 0.910 | 0.531 |
| 64-65 " " | 5.43 | 1.43 | 0.910 | 0.837 |
| 65-66 " " | 5.75 | 1.08 | 0.910 | 0.090 |
| 66-67 " " | 4.40 | 2.55 | 0.910 | 1.06 |
| 67-68 " " | 5.51 | 1.54 | 0.910 | 0.086 |
| 68-69 " " | 5.30 | 0.760 | 0.910 | 0.192 |
| 69-70 2" missing | 3.94 | 2.60 | 0.910 | 0.560 |

James W. Tecklenburg
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Manager,
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|--------------------------|------------------|----------------|---------------------|---------------|
| 70-71 Hole 7 Box 3 70-80 | 6.43 | 5.89 | 0.910 | 0.944 |
| 71-72 " | 3.56 | 10.14 | 0.915 | 1.48 |
| 72-73 " | 4.51 | 31.40 | 0.913 | 2.12 |
| 73-74 " | 4.44 | 16.75 | 0.904 | 0.994 |
| 74-75 " | 3.58 | 12.75 | 0.903 | 0.965 |
| 75-76 " | 3.02 | 9.11 | 0.917 | 1.37 |
| 76-77 " | 4.02 | 14.65 | 0.910 | 1.54 |
| 77-78 " | 4.90 | 38.31 | 0.903 | 2.70 |
| 78-79 " | 4.53 | 14.71 | 0.916 | 1.04 |
| 79-80 " | 2.09 | 10.67 | 0.920 | 0.646 |
| 80-81 Hole 7 Box 4 80-90 | 3.11 | 12.63 | 0.897 | 0.758 |
| 81-82 " | 4.40 | 12.77 | 0.861 | 1.01 |
| 82-83 " | 3.33 | 5.94 | 0.910 | 0.228 |
| 83-84 " | 7.31 | 5.96 | 0.910 | 0.098 |
| 84-85 " | 1.63 | 7.06 | 0.910 | 0.609 |
| 85-86 " | 0.956 | 0.787 | 0.910 | 0.000 |
| 86-87 " | 1.67 | 0.158 | 0.910 | 0.000 |
| 87-88 " | 1.89 | 0.025 | 0.910 | 0.067 |
| 88-89 " | 1.19 | 0.573 | 0.910 | 0.000 |
| 89-90 " | 2.76 | 0.177 | 0.910 | 0.000 |

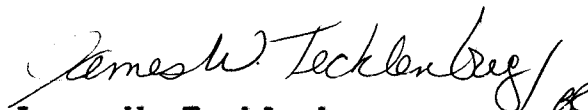

James W. Tecklenburg
Manager,
Analytical Services

Table 3.--Fischer assay results for core holes WR-1 through WR-7--Continued

| U-100 | | | | | |
|----------|----------|------------|------------|---------|---------------|
| USGS | | W.R.-7 | 15S 21E 12 | | |
| Depth-St | Depth-Ed | Gas + Loss | Oil GPT | Wtr GPT | Oil Spec Grav |
| 50 | 51 | 0.2 | 1.1 | 0.7 | 0.910 |
| 51 | 52 | 0.9 | 0.1 | 0.7 | 0.910 |
| 52 | 53 | 1.5 | 0.2 | 2.3 | 0.910 |
| 53 | 54 | 0.5 | 0.1 | 3.2 | 0.910 |
| 54 | 55 | 0.7 | 0.2 | 3.3 | 0.910 |
| 55 | 56 | 0.2 | 0.9 | 5.2 | 0.910 |
| 56 | 57 | 0.1 | 0.0 | 4.9 | 0.910 |
| 57 | 58 | 0.8 | 0.8 | 3.5 | 0.910 |
| 58 | 59 | 0.7 | 0.4 | 3.3 | 0.910 |
| 59 | 60 | 0.8 | 1.3 | 4.0 | 0.910 |
| 60 | 61 | 0.0 | 0.8 | 6.7 | 0.910 |
| 61 | 62 | 0.3 | 0.6 | 5.2 | 0.910 |
| 62 | 63 | 0.1 | 0.3 | 7.1 | 0.910 |
| 63 | 64 | 0.5 | 0.1 | 6.6 | 0.910 |
| 64 | 65 | 0.8 | 1.4 | 5.4 | 0.910 |
| 65 | 66 | 0.0 | 1.0 | 5.7 | 0.910 |
| 66 | 67 | 1.0 | 2.5 | 4.4 | 0.910 |
| 67 | 68 | 0.0 | 1.5 | 5.5 | 0.910 |
| 68 | 69 | 0.1 | 0.7 | 5.3 | 0.910 |
| 69 | 70 | 0.5 | 2.6 | 3.9 | 0.910 |
| 70 | 71 | 0.9 | 5.8 | 6.4 | 0.910 |
| 71 | 72 | 1.4 | 10.1 | 3.5 | 0.915 |
| 72 | 73 | 2.1 | 31.4 | 4.5 | 0.913 |
| 73 | 74 | 0.9 | 16.7 | 4.4 | 0.904 |
| 74 | 75 | 0.9 | 12.7 | 3.5 | 0.903 |
| 75 | 76 | 1.3 | 9.1 | 3.0 | 0.917 |
| 76 | 77 | 1.5 | 14.6 | 4.0 | 0.910 |
| 77 | 78 | 2.7 | 38.3 | 4.9 | 0.903 |
| 78 | 79 | 1.0 | 14.7 | 4.5 | 0.916 |
| 79 | 80 | 0.6 | 10.6 | 2.0 | 0.920 |
| 80 | 81 | 0.7 | 12.6 | 3.1 | 0.897 |
| 81 | 82 | 1.0 | 12.7 | 4.4 | 0.861 |
| 82 | 83 | 0.2 | 5.9 | 3.3 | 0.910 |
| 83 | 84 | 0.0 | 5.9 | 7.3 | 0.910 |
| 84 | 85 | 0.6 | 7.0 | 1.6 | 0.910 |
| 85 | 86 | 0.0 | 0.7 | 0.9 | 0.910 |
| 86 | 87 | 0.0 | 0.1 | 1.6 | 0.910 |
| 87 | 88 | 0.0 | 0.0 | 1.8 | 0.910 |
| 88 | 89 | 0.0 | 0.5 | 1.1 | 0.910 |
| 89 | 90 | 0.0 | 0.1 | 2.7 | 0.910 |