

ERTL ROAD #6

- 0-18' Burned oil shale, low grade, red to pink, oxidized. Recovered 1' of fragments from 0' to 18'.
- 18'-46' Burned oil shale, low grade, tan to grey. Fragments probably represent low-grade shale from -0' to -4' below marker. One fragment of red mahogany marker at 19', may have come from 19' to 30' section. Recovery 20%.
- 46'-59' Burned oil shale, medium to high grade, has sooty appearance. Recovered 20%.
- 59'-85' Oil shale, medium to high grade, partially retorted, fractured by coring. Burned along natural fractures. 70° fracture at 85'. Poor recovery.
- 85'-87' Oil shale, low grade, tan, numerous crystal cavities of leached nacholite crystals.
- 87'-102' Oil shale, medium to high grade, brown to dark brown, looks unaltered. Recovered 3' from 87' to 102'. This 3' probably came from the 99 to 102' section.

Note: This section has also been altered by heat and burning of the oil shale. Total recovery was about 20% for the cored interval. This indicates the whole section has been burned.

Grand Valley, Colorado
June 24, 1955

Irvin Nielsen

Mr. John E. Sherborne, Manager
Production Research Division
Union Oil Company of California
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Dear John:

Core holes #5 and #6 have been completed. Both holes were drilled in burned outcrops and the cores were completely burned and/or retorted. Recovery of the cores did not exceed 25% due to the burned character of the section.

I am enclosing descriptions of cores Nos. 1, 3, 5, and 6. These descriptions may appear to be sketchy, due to the poor recovery.

Latham is currently drilling #4. This was collared in a fresh outcrop and should be a completely fresh core with nearly 100% recovery.

Very truly yours,

Irvin Nielsen

Irvin Nielsen

IN/aw
Enclosure

cc: Dr. Tell Ertl, w/enclosure
Mr. Wally Valentine, w/enclosure