

Corehole: ERTL ROAD #4 (0'-120')

- 0'-12'6" 0'-3'2": oil shale, or.-gy., fine-banded, w. indur.; 3'2"-13'6": oil shale, med. lt. gy. to dk. gy., fine-banded, w/contorted zns., w/calc. filled frac., scat. carb. mat.
- 13'6"-26' oil shale, med. lt. gy. to gy.-blk., fine-banded, scat. carb. mat., scat., thin, tuff. zns., w. indur.
- 26'-42' as above, w/sml. cav. from 27'2" to 27'8", lim. stn., gy.-or.
- 42'-70' oil shale, as above
- 70'-112' oil shale, gy.-or. to dk. gy., fine-banded, scat. carb. mat., w. indur

Corehole: ~~ERTL ROAD #15~~ (5'-120')

- 5'-38' oil shale, lt. gy. to med. gy., fine-banded, scat. carb. frg., w. ind., oxidized zn.: 5' to 30'
- 38'-50' oil shale, med. gy. to med. dk. gy., fine-banded, scat. carb. mat., w. ind.
- 50'-76' as above, w/ox. frac. zn. 58'6" to 59'6"
- 76'-89' oil shale, as above
- 89'-120' as above, w/or.-gy. zns. 96'-108'

Corehole: ERTL ROAD #16 (0'-120')

- 0'-18'9" oil shale, med. lt. gy. to dk. gy., fine-banded, scat. carb. mat., w. ind.
- 18'9"-37'6" as above, w/ox., or.-gy. zn. 18'9'-28'6"
- 37'6"-52'6" oil shale, as above
- 52'6"-67'5" oil shale, as above
- 67'5"-83'7" as above
- 83'7"-98'2" oil shale, as above, w/ox., or.-gy. zn. 87'7"-88'8"
- 98'2"-120' as above, w/ox., or.-gy. zn. 111' to 113'6"

Grand Valley, Colorado
June 24, 1955

Irvin Nielsen

Mr. John E. Sherborne, Manager
Production Research Division
Union Oil Company of California
Research Center
Brea, California

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

Union Oil Company of California

Brea, California

August 15, 1955

IN REPLY GIVE NO.

JES-154

Mr. Irvin Nielsen, Geologist

Att'n

At Grand Valley, Colorado

Answering { Date-

Letter { File-

Subject SHALE ASSAY

File

Oil Road

Dear Irvin:

According to our records we have reports from Harold Swenson covering the depths from which the samples were cut for the following holes:

- Nos. 4
- 8
- 12.

In order to assign the proper depths to the samples from the other holes, we need similar information for the remaining holes. We should appreciate very much your providing me with this information at your early convenience.

Very truly yours,

John E. Sherborne
John E. Sherborne, Manager
Production Research Division

JES:vn

Air Mail