



Department of Energy
Chicago Operations Office '85
Salt Repository Project Office
505 King Avenue
Columbus, Ohio 43201-2693

WM DOCKET CONTROL
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WM Record File

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WM Project 16

Docket No.

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Distribution:

Linehan

Johnson

(Return to WM, 623-SS)

FOR enclosure see PDSalt #1145
Lib.

June 25, 1985

John J. Linehan, Section Leader
Salt Section
Repository Projects Branch
Division of Waste Management, MS 623-SS
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Linehan:

SUBJECT: PALO DURO BASIN BOREHOLE GEOPHYSICAL LOGS

During the management meeting on June 18, 1985, you and your staff requested copies of borehole geophysical logs produced as part of our Palo Duro Basin study program. Attached are copies of all logs run in the Black #1 Well as part of a cooperative agreement between Stone and Webster Engineering Corp. (SWEC) and Pennzoil Company, owners of the well.

Logs of the Taylor Well were procured by SWEC from Petroleum Information Corp. (PI); DOE and its contractors had no involvement in the drilling and testing of this well. We are prepared to direct our contractors to procure an additional set of the Taylor logs from PI should you so request. However, it would probably be more expedient if you were to order copies directly. Please let us know your decision.

Sincerely,

J. O. Neff
Program Manager
Salt Repository Project Office

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J. Linehan

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Enclosures:

- 1) LDT, LSS Rock Mechanical Property Logs
- 2) Gamma Ray, Collar Locator log
- 3) LSS Waveform Analysis Log
- 4) Schlumberger Geogram Survey
- 5) Long-Spaced Sonic Log
- 6) LDT, LSS, BHC Well Seismic Report
- 7) Compensated Neutron/Density Log (2)
- 8) Velocity Survey Monitor/Quicklook Log
- 9) Fracture Identification Log (2)
- 10) Electromagnetic Propagation Log
- 11) Borehole Compensated Sonic Log
- 12) Long-Spaced Sonic Waveforms Log
- 13) Natural Gamma-Ray Log (2)
- 14) Dual Induction Log
- 15) Dual Laterolog
- 16) Variable Density Log

cc: R. Johnson, NRC, w/o encl.
C. Head, DOE-HQ, w/o encl.
D. Dawson, ONWI, w/o encl.
L. Casey, SRPO, w/o encl.

GS#381-85