

WM Record File

106

WM Project

16

Docket No.

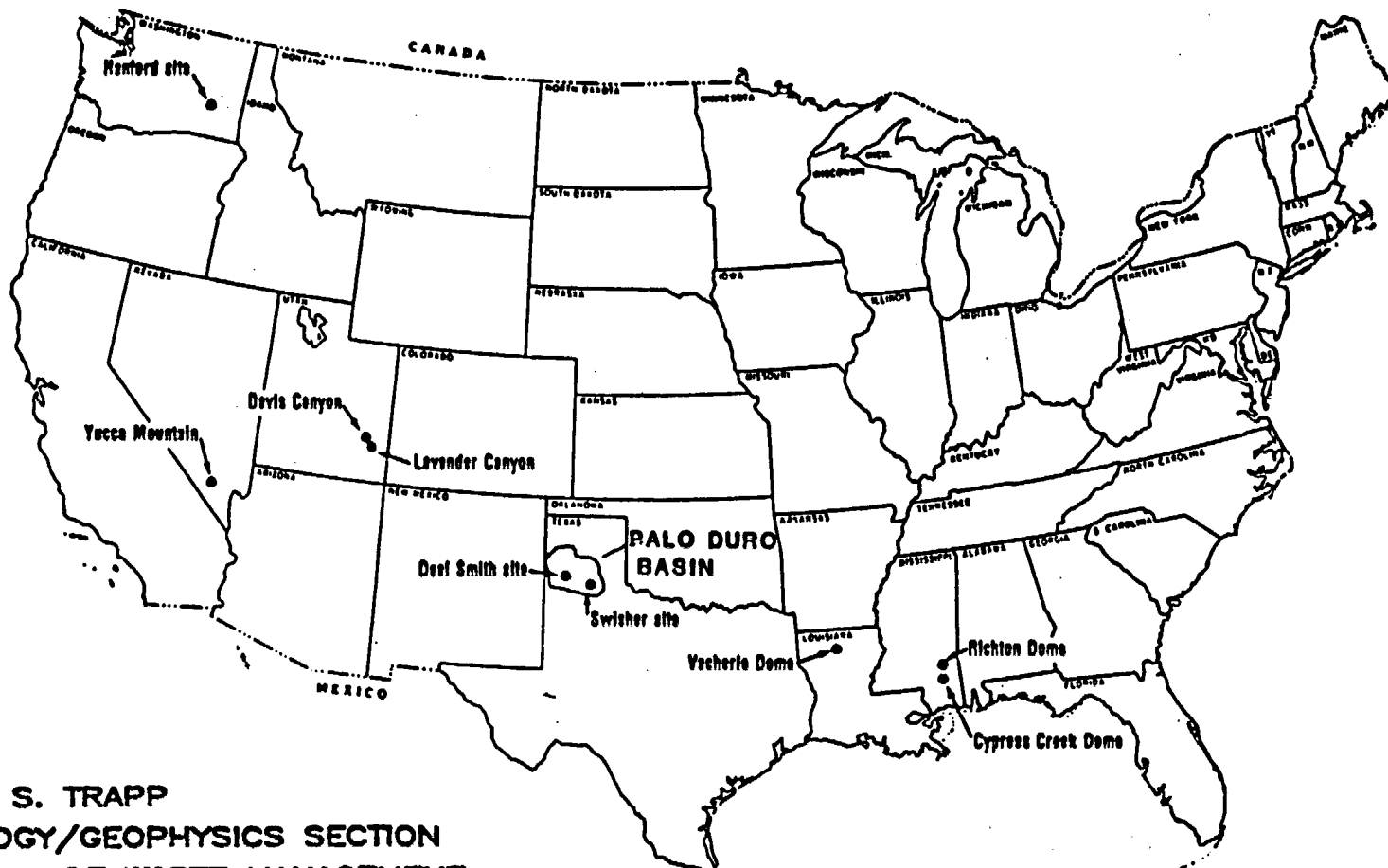
PDR ☒

LPDR ☒

Distribution:

(Return to WM, 623-SS)

NRC/DOE PRE-LICENSING INTERACTIONS IN GEOLOGY PROPOSED PALO DURO HIGH-LEVEL WASTE SITE



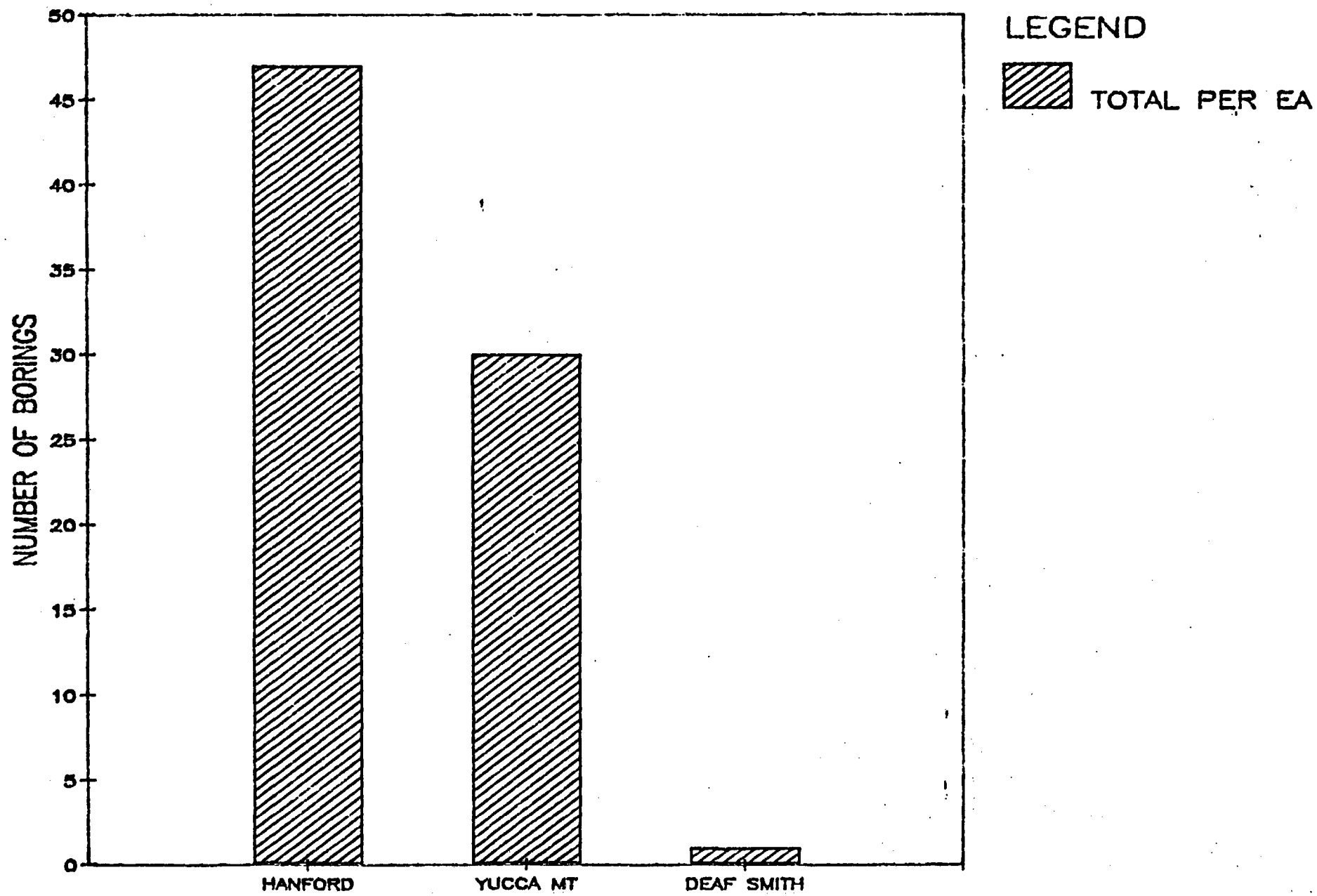
JOHN S. TRAPP
GEOLOGY/GEOFYSICS SECTION
DIVISION OF WASTE MANAGEMENT
19 MARCH 1986

8605080250 860319
PDR WASTE
WM-16 PDR

1318

524

BORINGS NEAR SITE



REASON FOR INTERACTIONS

IDENTIFY AS SOON AS POSSIBLE TECHNICAL ISSUES THAT
MUST BE ADDRESSED AS PART OF THE COMMISSION LICENSING
PROCESS FOR A HIGH-LEVEL WASTE REPOSITORY AND ATTEMPT
TO REACH A SCIENTIFICALLY DEFENSIBLE RESOLUTION

GOAL 4.1 PPG

TYPES OF INTERACTIONS AVAILABLE

POINT OF CONTACT
APPENDIX 7 MEETING
FORMAL MEETING OR WORKSHOP

MAJOR TECHNICAL ISSUES: EXAMPLES

STRUCTURAL DISCONTINUITIES

BLACKWATER DRAW FORMATION

DOCKUM FORMATION

SAN ANDRES FORMATION UNIT 4 (HOST ROCK)

STRUCTURAL DISCONTINUITIES ISSUE

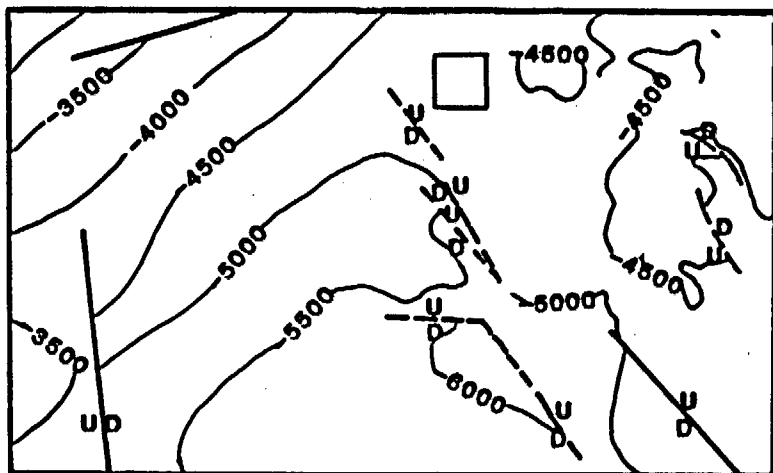
WHAT IS THE NATURE AND DISTRIBUTION OF
STRUCTURAL DISCONTINUITIES?

STATUS AT MEETING

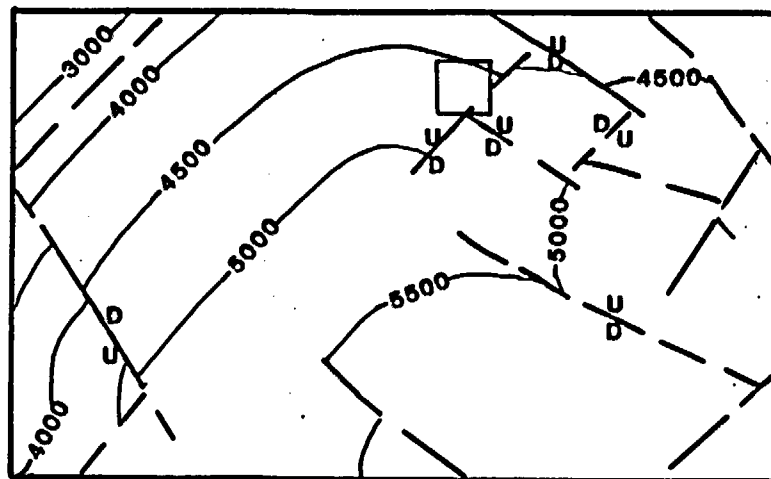
TWO DRAFT REPORTS AVAILABLE FOR REVIEW
WIDE RANGE IN INTERPRETATION OF DATA
REMOTE SENSING DATA NOT FULLY UTILIZED
VERY WIDE RANGE OF STRUCTURAL INTERPRETATIONS

POST-MEETING FOLLOW-UP

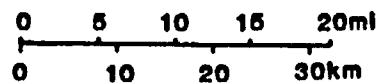
RELEASE OF PENNZOIL PROPRIETARY SEISMIC DATA



SWEC



TBEG



□ Nuclear Waste Repository Site

STRUCTURE CONTOUR MAPS ON PRECAMBRIAN BASEMENT

BLACKWATER DRAW FORMATION ISSUE

WHAT IS THE AGE, NATURE AND EXTENT OF THE
BLACKWATER DRAW FORMATION?

STATUS AT MEETING

NO PUBLISHED INFORMATION

POST—MEETING FOLLOW—UP

NRC IN RECEIPT OF REPORT ON BLACKWATER DRAW FORMATION
CONCEPTUAL DESIGN CONSIDERATION OF BLACKWATER DRAW FORMATION

NEXT MAJOR INTERACTION: SURFACE BASED TEST PLAN

**ONGOING DISCUSSIONS WITH POINT OF CONTACT
APPENDIX 7 VISIT FOLLOWING RECEIPT OF FEA
PROBABLE WORKSHOP REQUIRED**