

40-8907

August 26, 1997

86-060-1905

Mr. Ken Hooks  
U.S. Nuclear Regulatory Commission  
Division of Waste Management  
11545 Rockville Pike  
Rockville, MD 20852

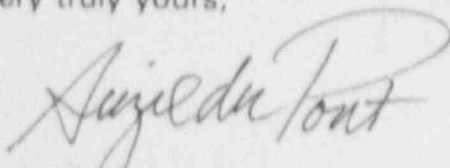
Transmittal  
Friendship Well Geophysical Logs and  
NECR Mine Shaft Log

Dear Ken:

As requested in the meeting on August 13, 1997, enclosed are copies of the geophysical logs for the Friendship Well and the NECR Mine Shaft Log. The copy of the Friendship Well geophysical logs includes our interpretation of the lithology. The Friendship Well was installed by Quivira in 1976 and is located in the northwest valley of Pipeline Arroyo near where both United Nuclear and Quivira discharged mine water. A map showing the location of the well is also included.

If you have any questions about these materials or need additional information, please contact Juan Velasquez at (505) 262-1800, or me at (303) 790-1747.

Very truly yours,



Suzie du Pont  
Project Supervisor

SdP/ajw

Enclosures

9709040217 970826  
PDR ADOCK 04008907  
C PDR

RMW:86-060FRNDHP2.LTR (Aug. 26, 1997)



2105  
11



Mr. Ken Hooks

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August 26, 1997

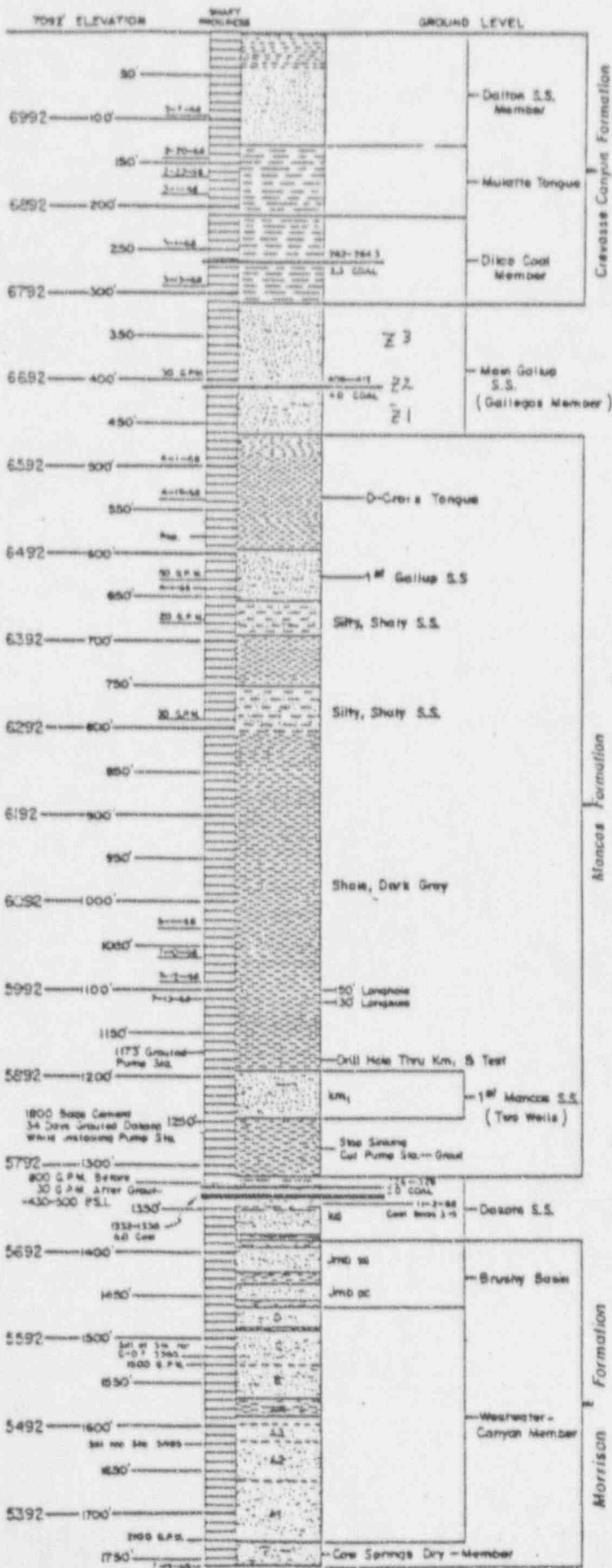
cc: Levon Benally, Jr., Navajo Environmental Protection Agency  
Mr. Greg J. Lyssy, U.S. Environmental Protection Agency (without enclosures)  
Beiling Liu, New Mexico Environment Department  
Ed Morales, United Nuclear Corporation (without enclosures)  
Juan Velasquez, United Nuclear Corporation (without enclosures)

N E. CHURCHROCK

COLUMNAR SECTION

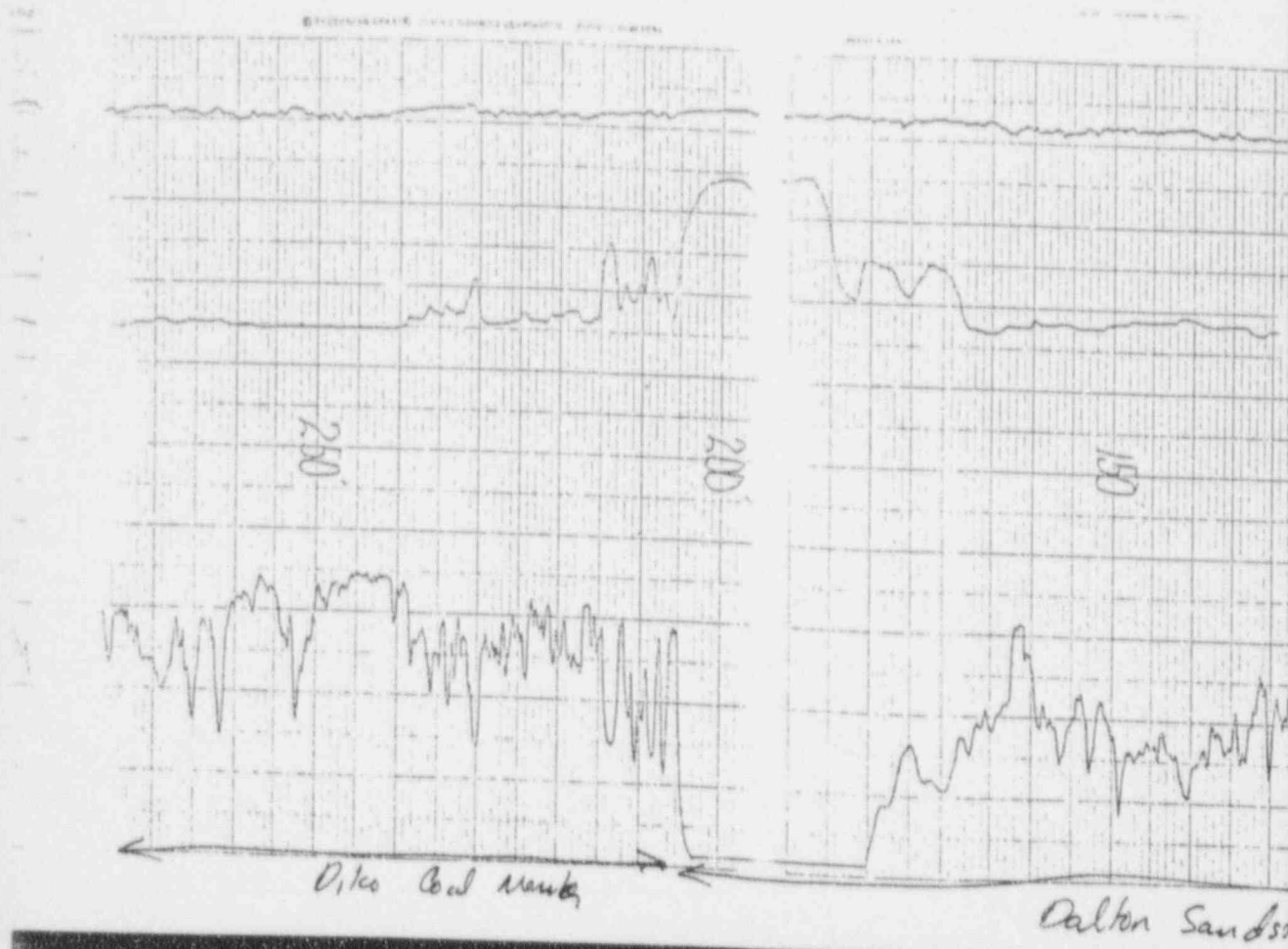
AT HOLE --- 35-2425

SCALE 1" = 100'



Upper Gallup

Lower Gallup



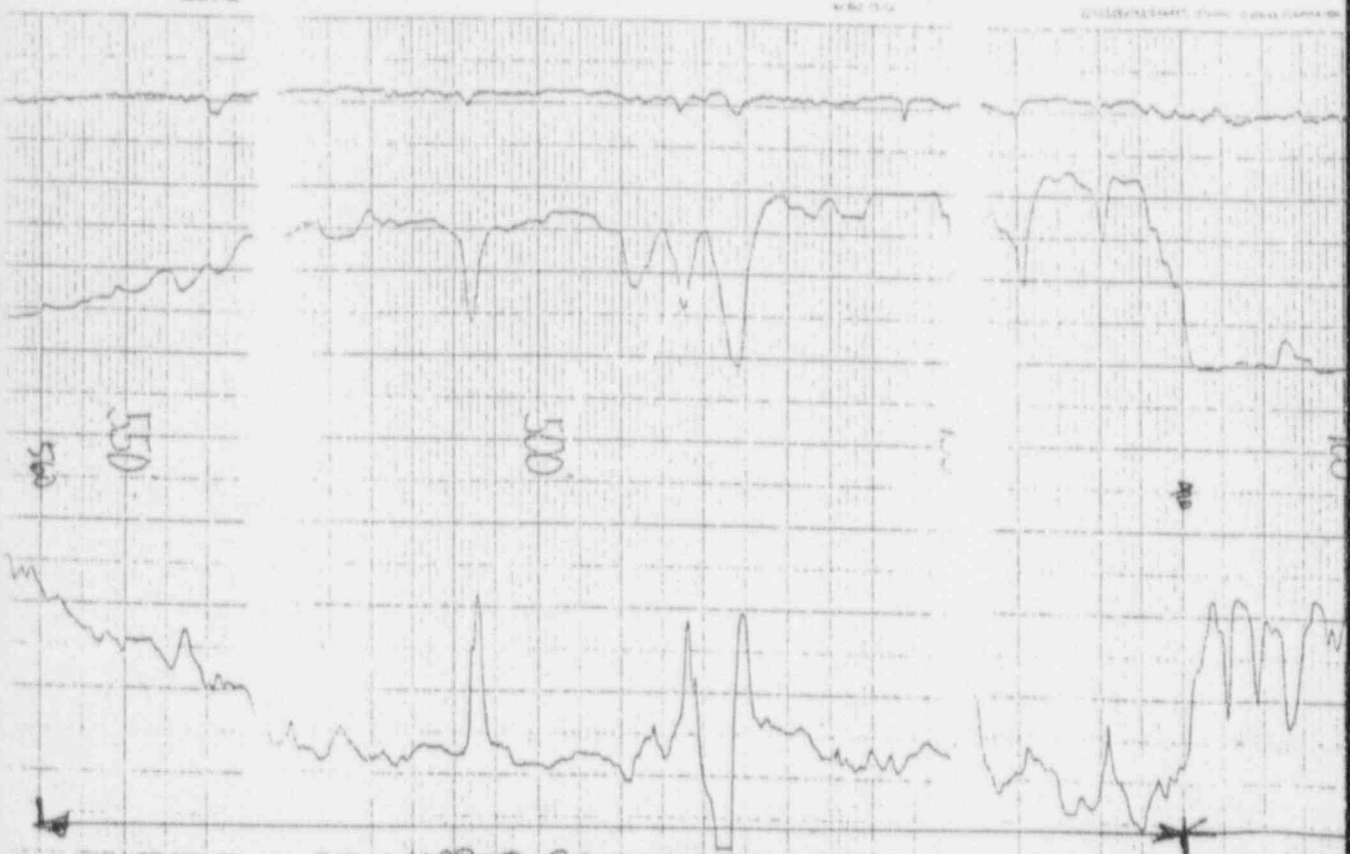
ANSTEC  
APERTUR  
CARD

Also Avellac  
Aperture



me →

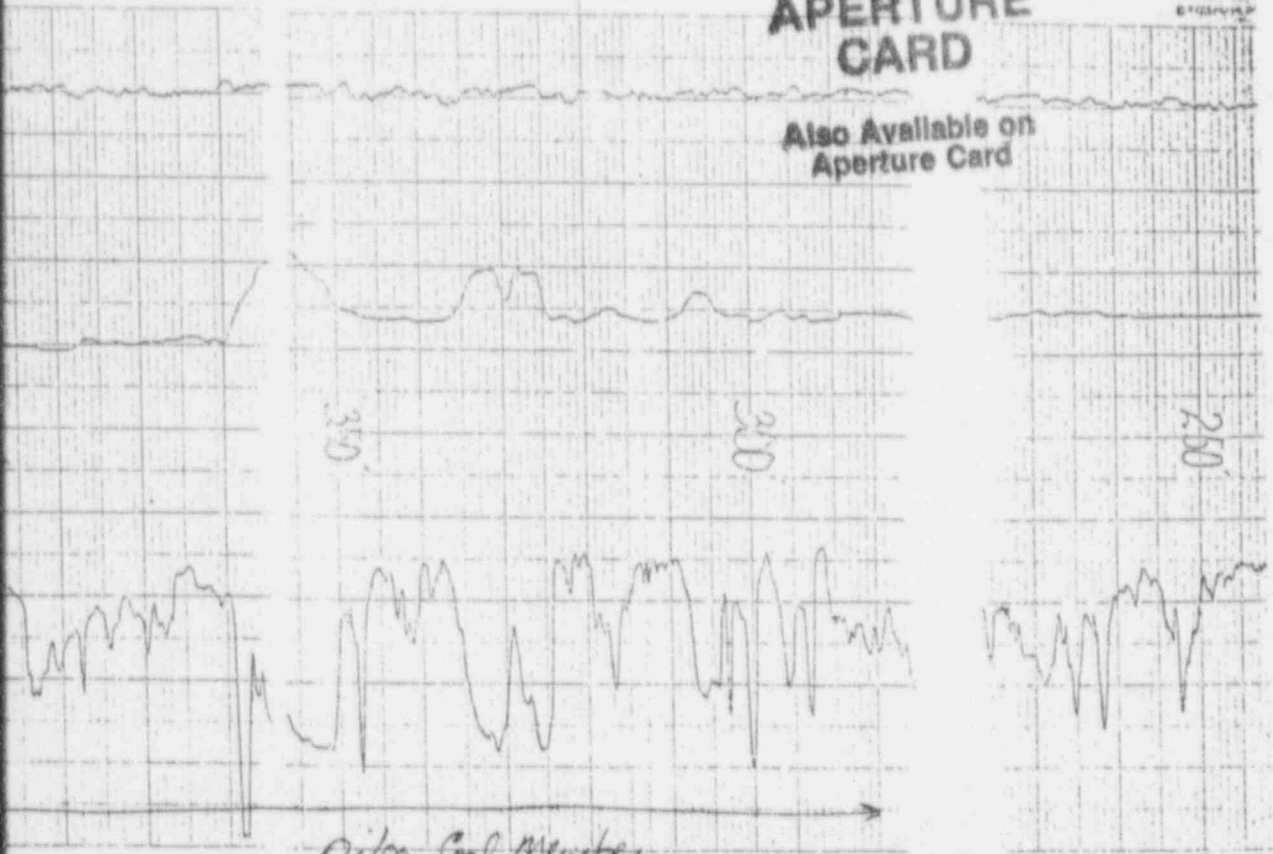
9709040217 - 01



UPPER GALLUP SANDSTONE

# ANSTEC APERTURE CARD

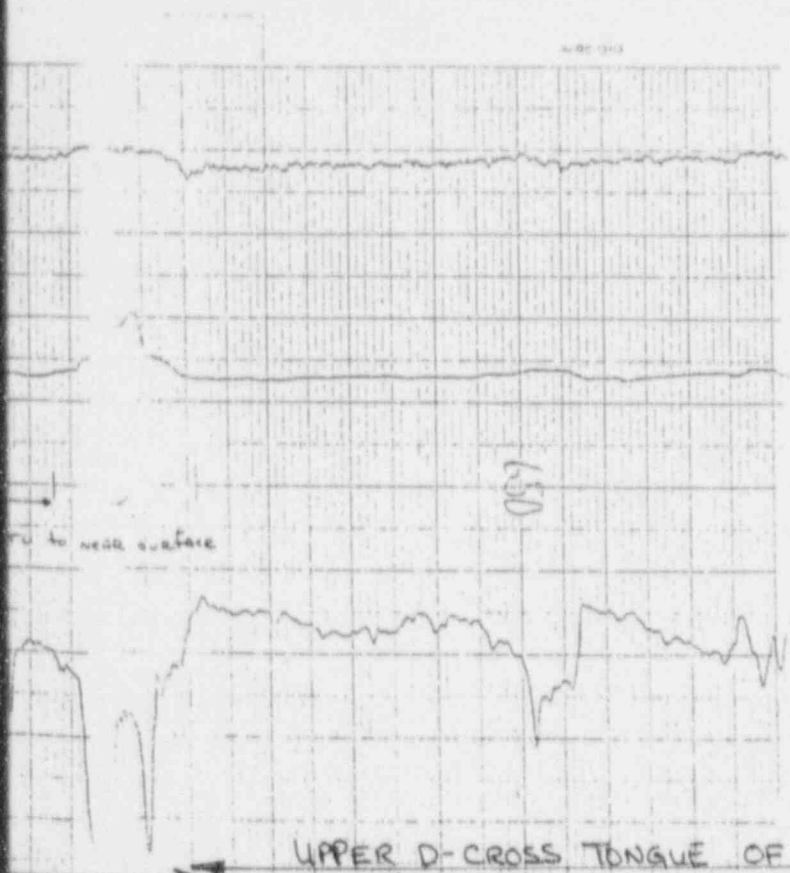
Also Available on  
Aperture Card



*Orico Card Member*

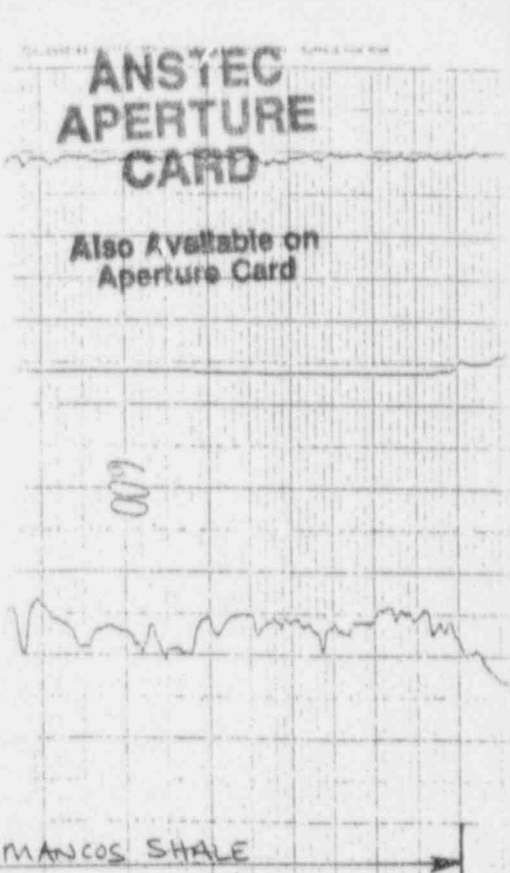
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ANSTEC  
APERTURE  
CARD

Also Available on  
Aperture Card



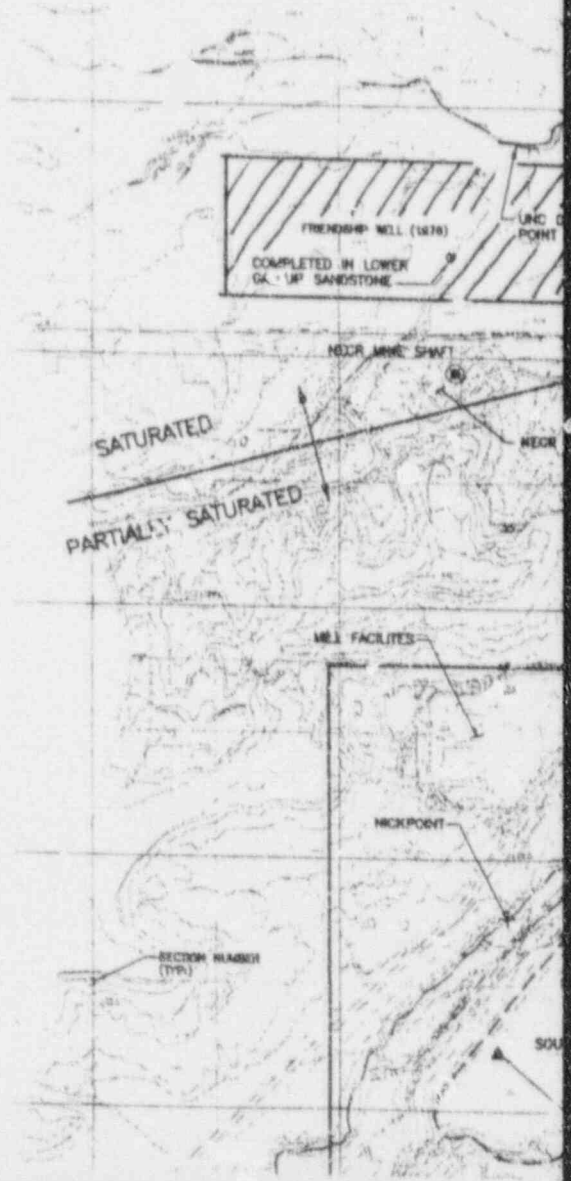
SANDSTONE

UPPER D-CROSS TONGUE OF MANCOS SHALE

9709040217-03

DD FORM 1162  
86-060-B10

EXT  
PREM



# EXTENT OF ZONE 1 MINING SATURATION

10K-303 (1952)  
COMPLETED IN UPPER GALLIP  
SANDSTONE AND MANCOS SHALE



## ANSTEC APERTURE CARD

Also Available on  
Aperture Card

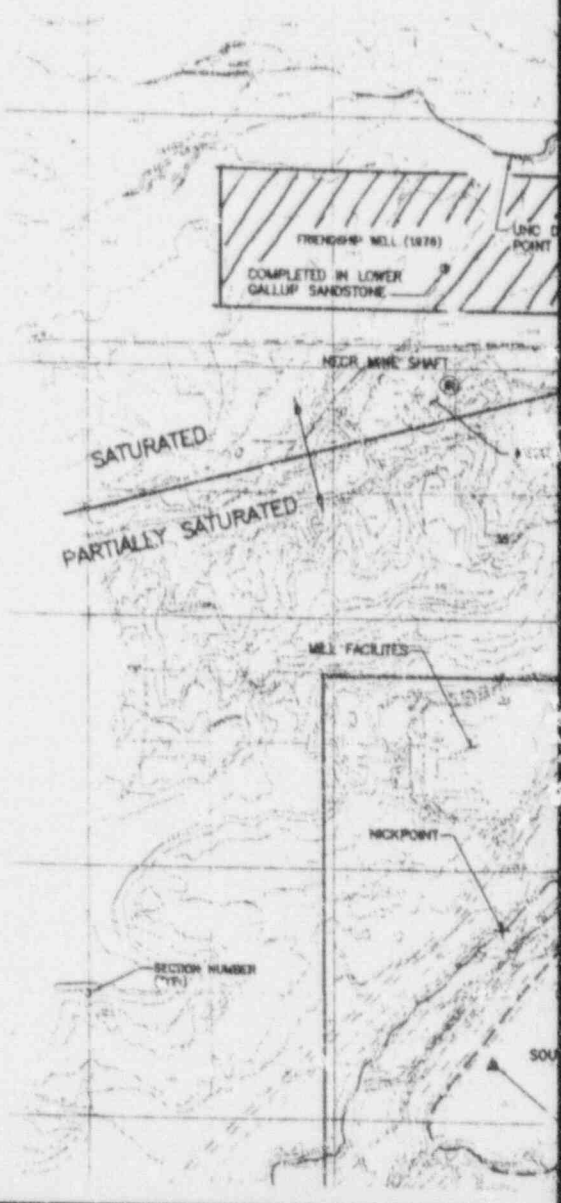
9709040217-04

18K-319 (1948)

COMPLETED IN DAKOTA SANDSTONE

86-060-B10

EXT  
PREM



# EXTENT OF ZONE 1 MINING SATURATION

15K-303 (1952)  
COMPLETED IN UPPER GALLUP  
SANDSTONE AND MANCOS SHALE

PROJECTED 1968 EXTENT  
OF ZONE 1 SATURATION



**ANSTEC  
APERTURE  
CARD**

Also Available on  
Aperture Card

9709040217-04

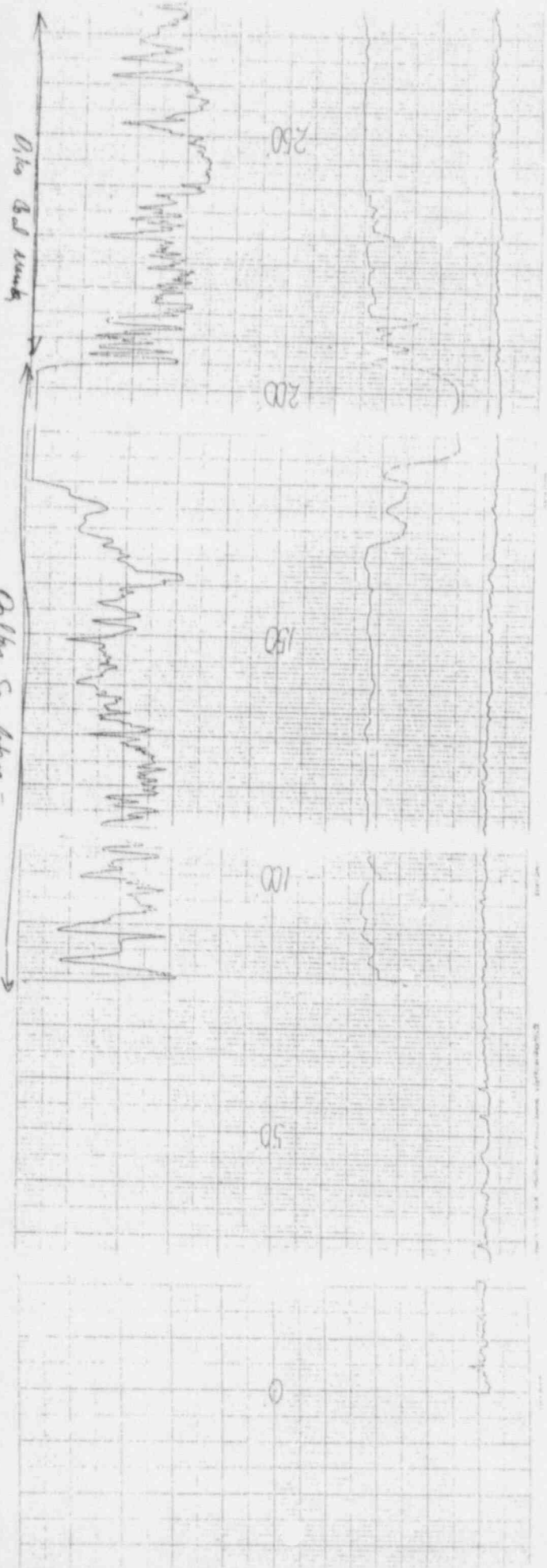
15K-318 (1948)  
COMPLETED IN SAKOTA SANDSTONE

**LEGEND:**

- 15K-303 WATER WELL LOCATION AND DESIGNATION
- (1952) YEAR WELL INSTALLED OR THE FIRST REPORTED WATER LEVEL MEASUREMENT
- ▲ DEEP GEOTECHNICAL BORING LOCATION

DEEP BORING HL-5, DRY  
WHEN DRILLED IN 1966

DEEP BORING 24878-2W,  
DRY WHEN DRILLED IN 1976

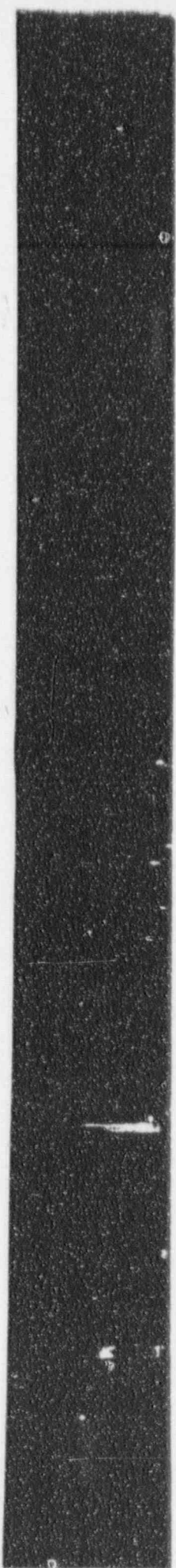
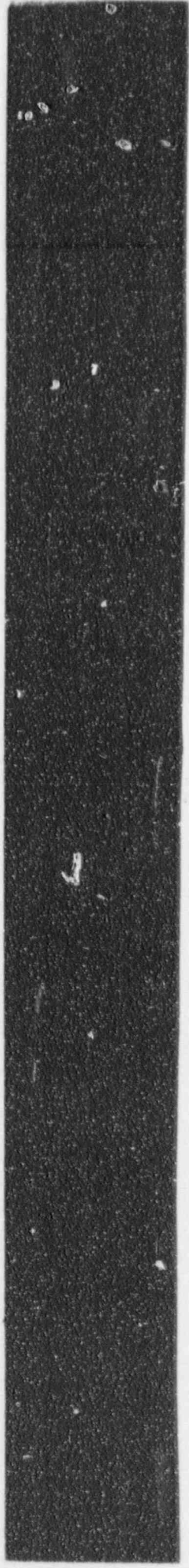
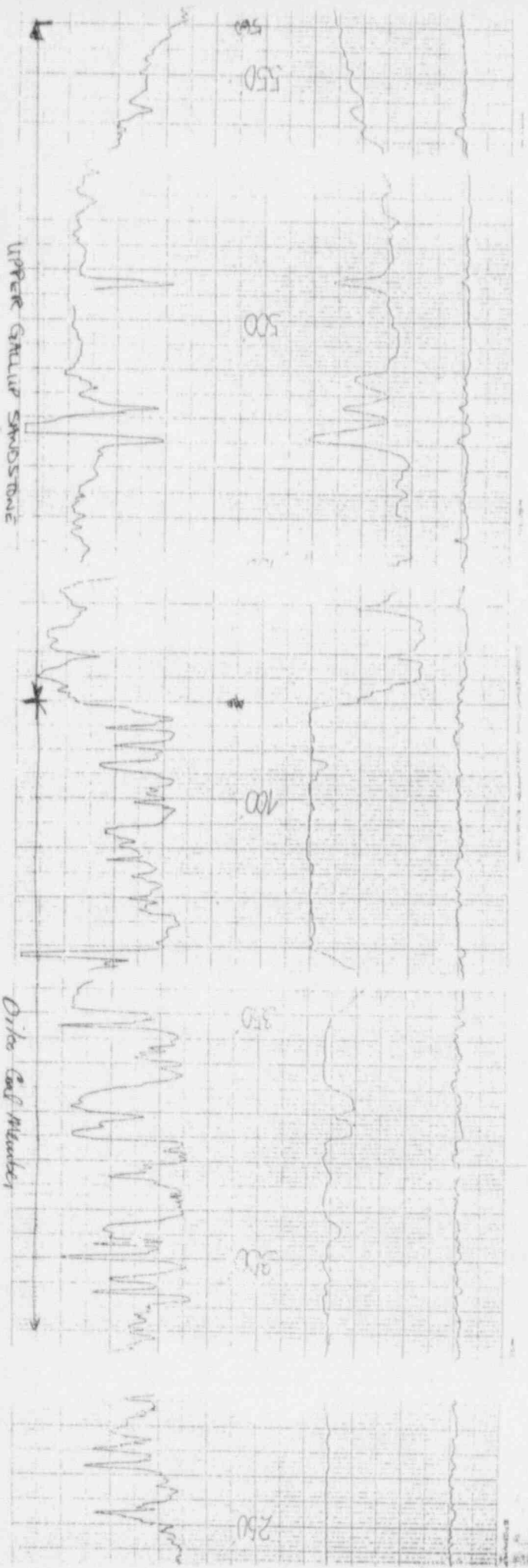


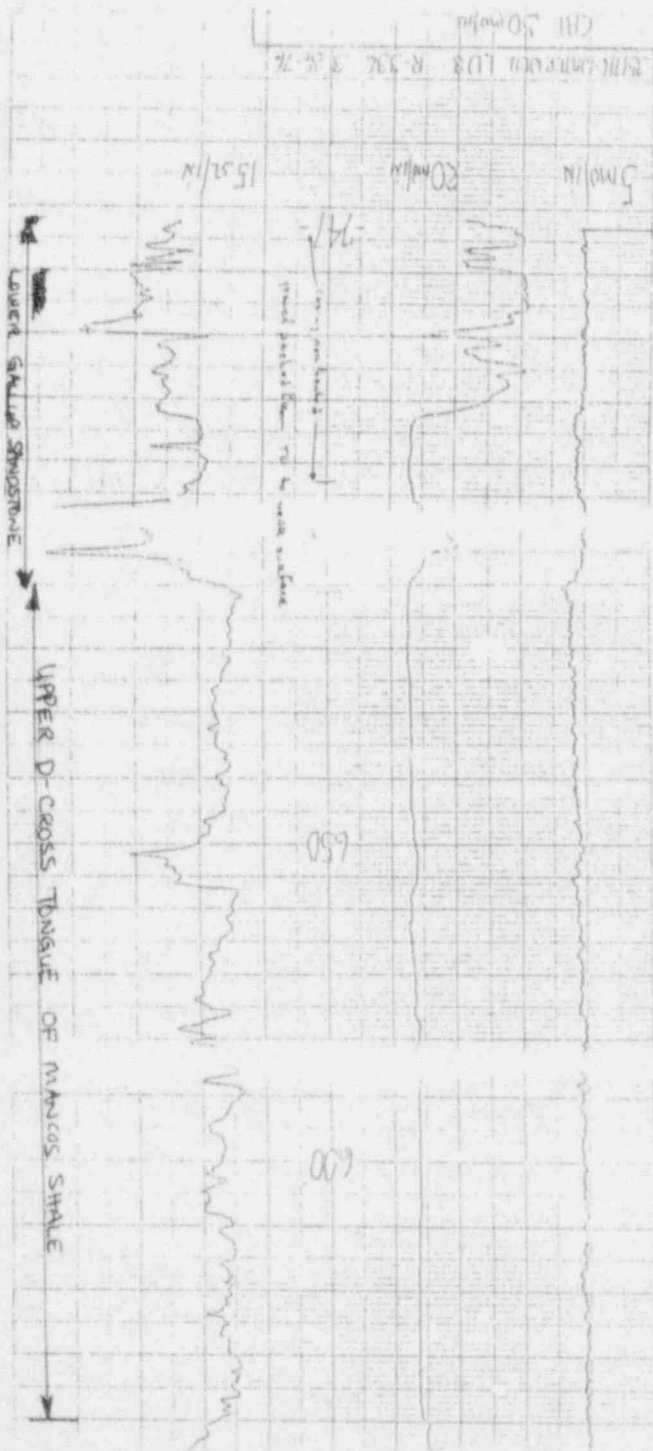
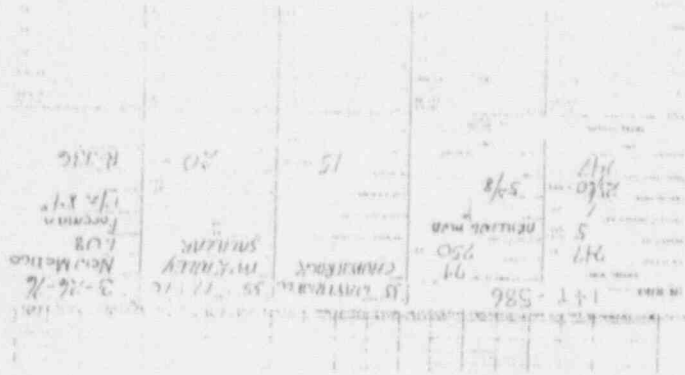
Also 81 mmk

Calvin Sandstone

ET-1

W T 01





4  
4



August 26, 1997

86-060-1905

Mr. Greg J. Lyssy  
Environmental Engineer  
RCRA Technical Enforcement  
U.S. Environmental Protection Agency  
1445 Ross Avenue (6EN-HX)  
Dallas, TX 75202-2733

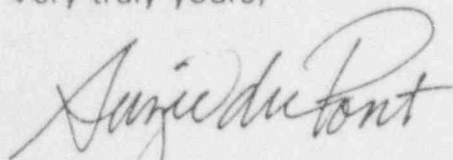
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Very truly yours,



Suzie du Pont  
Project Supervisor

SdP/ajw

Enclosures

RMW:86-0601FRNDSHIP.LTR (Aug. 26, 1997)

**SMTH**

Mr. Greg J. Lyssy

2

August 26, 1997

cc: Levon Benally, Jr., Navajo Environmental Protection Agency  
Ken Hooks, U.S. Nuclear Regulatory Commission (without enclosures)  
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