

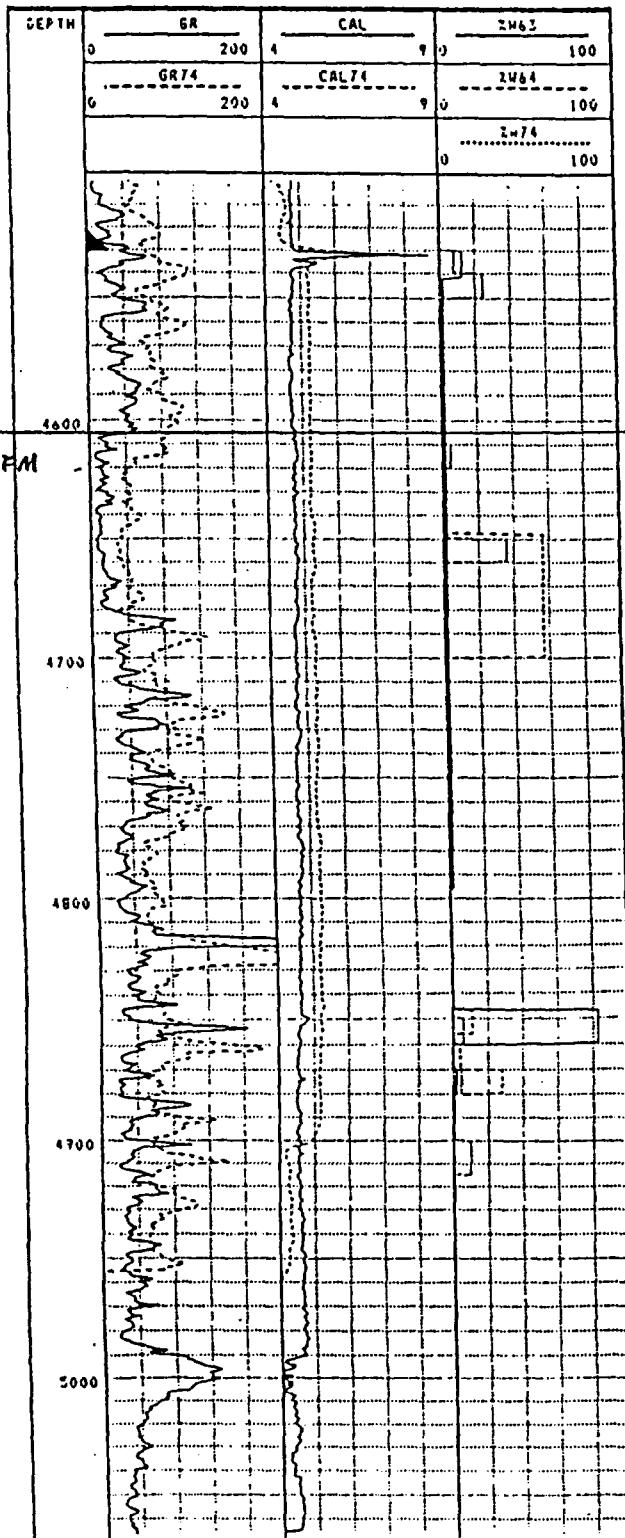
VIII GEOLOGIC DATA

The zone of interest for this application to inject is the San Andres Formation. In the area of the Lovington San Andres Field, the San Andres formation is approximately 1350' of dolomite; however, only the upper 400' - 500' is productive. The top of the San Andres formation occurs between 4580' and 4670' (log depth) in the Lovington San Andres Field. Attached is a type log from the Lovington San Andres Field. The well log (LSAU #14) is an injection well and shows three main zones within the field unit where water has been injected.

The only known underground source of drinking water in the Lovington San Andres Field area is the Ogalalla Formation. The approximate base of the formation is 200'. No source is known to be immediately underlying the proposed injection interval.

<b>BEFORE EXAMINER CATANACH</b>
<b>OIL CONSERVATION DIVISION</b>
<u>GREENHILL</u> EXHIBIT NO. <u>8</u>
CASE NO. <u>10154</u>

CYPRESS PETROLEUM CONSULTANTS	
WELL NAME	SPELLY OIL LSA 814
LOCATION	1960 FSL 990 FSL 1-125-3SE LSA
WELL DATA	DATE OF 2827-10-2087 5-1/2 4330
LOGS	WRIGHT SURVEYS SJECTIO TRACER 5-20-83
LOG PARAMETERS-	
DATA FILE NAME: LSA14.LG1	
DATE OF PLOT: 5/20/1989	



TOP SAN ANDRES FM

INJECTION PROFILES

INJECTION - PROFILES

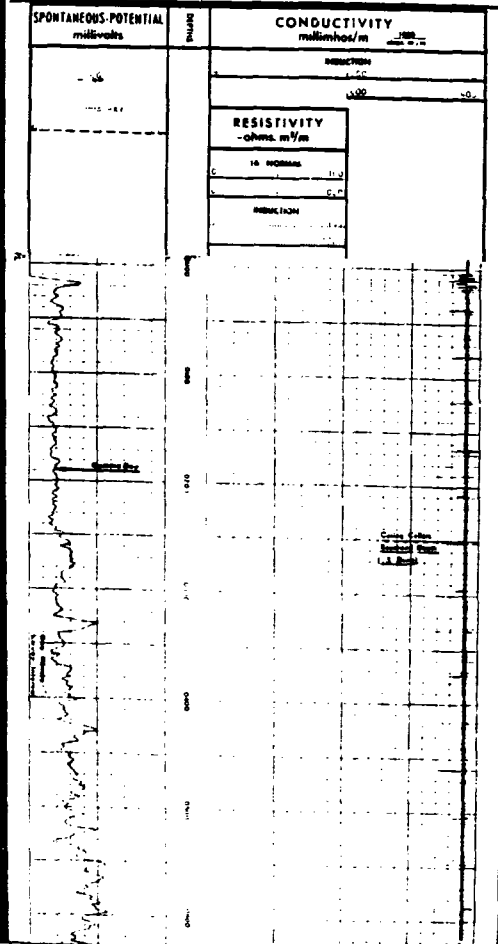
INJECTION PROFILES

Case 2593

Uniside 1 - 12 State  
 12 SE  
 1/4-36E

COUNTY LL WELL NO LOCATION STATE LL COMPANY AKEFAA PELLER	
DATE COMPANY WELL NO STATE LL LOCATION STATE LL	WELL NO STATE LL LOCATION STATE LL

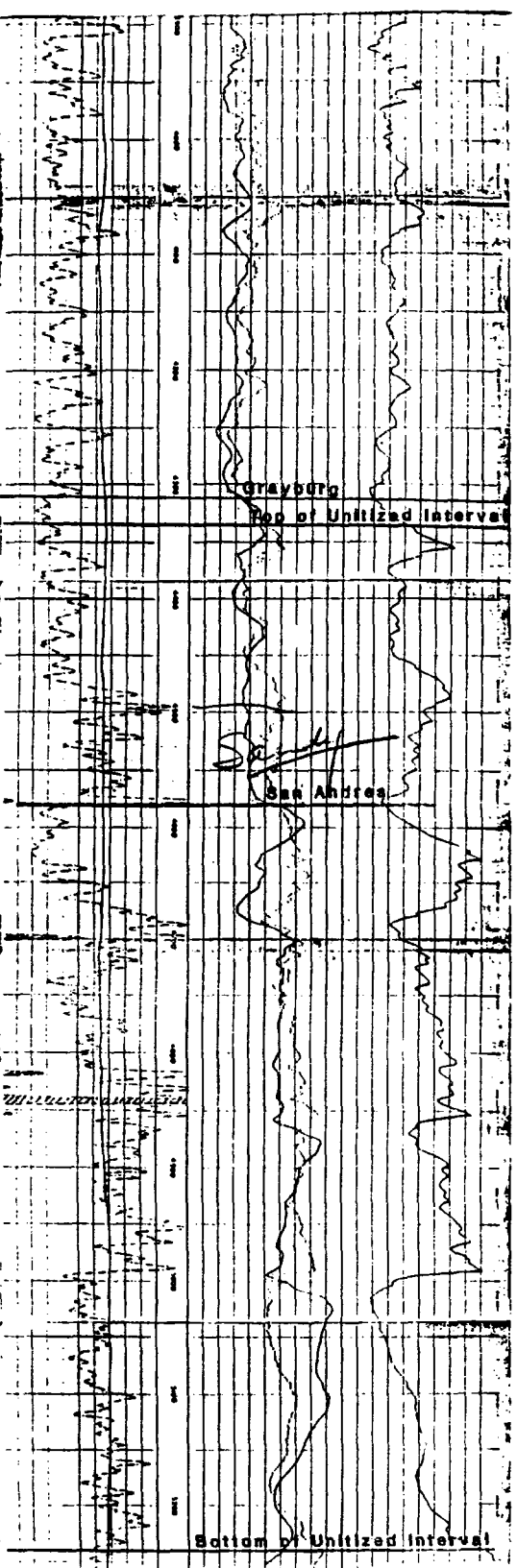
REMARKS COMMENTS DATE TIME
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