

**Schlumberger** SIMULTANEOUS COMPENSATED NEUTRON FORMATION DENSITY

COMPANY ANTWEIL OIL COMPANY  
 WELL #1 COQUINA STATE  
 FIELD NORTH SAN SIMON YATES  
 COUNTY LEA STATE NEW MEXICO

1980' FNL C 660' FNL

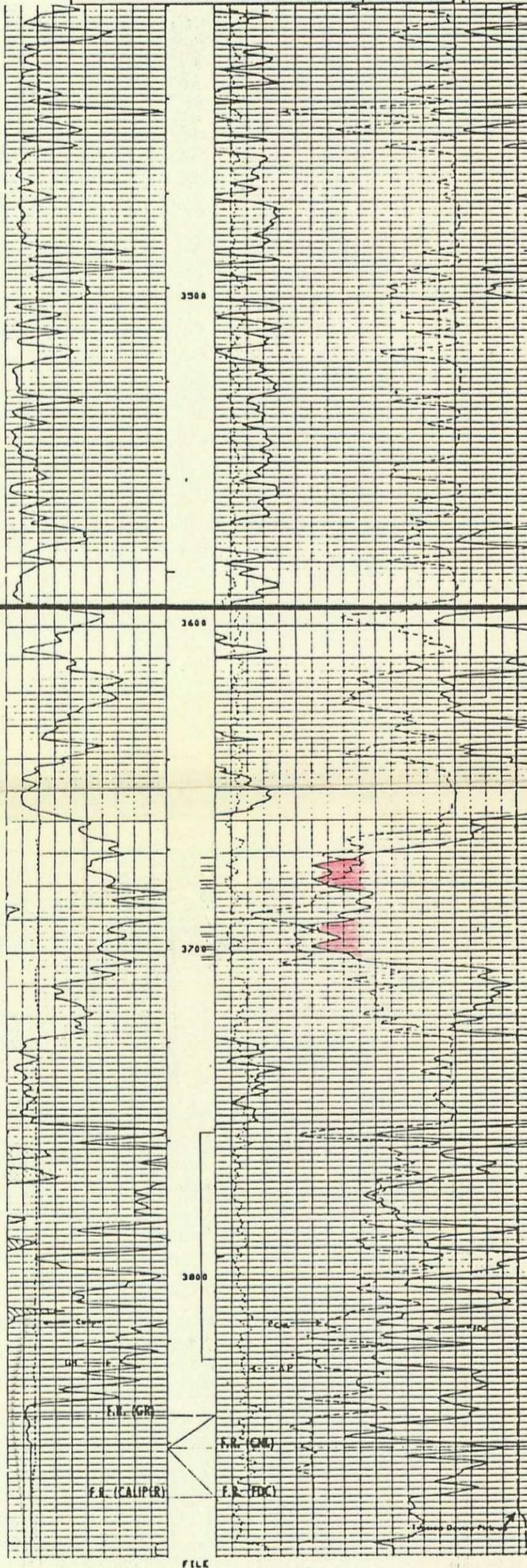
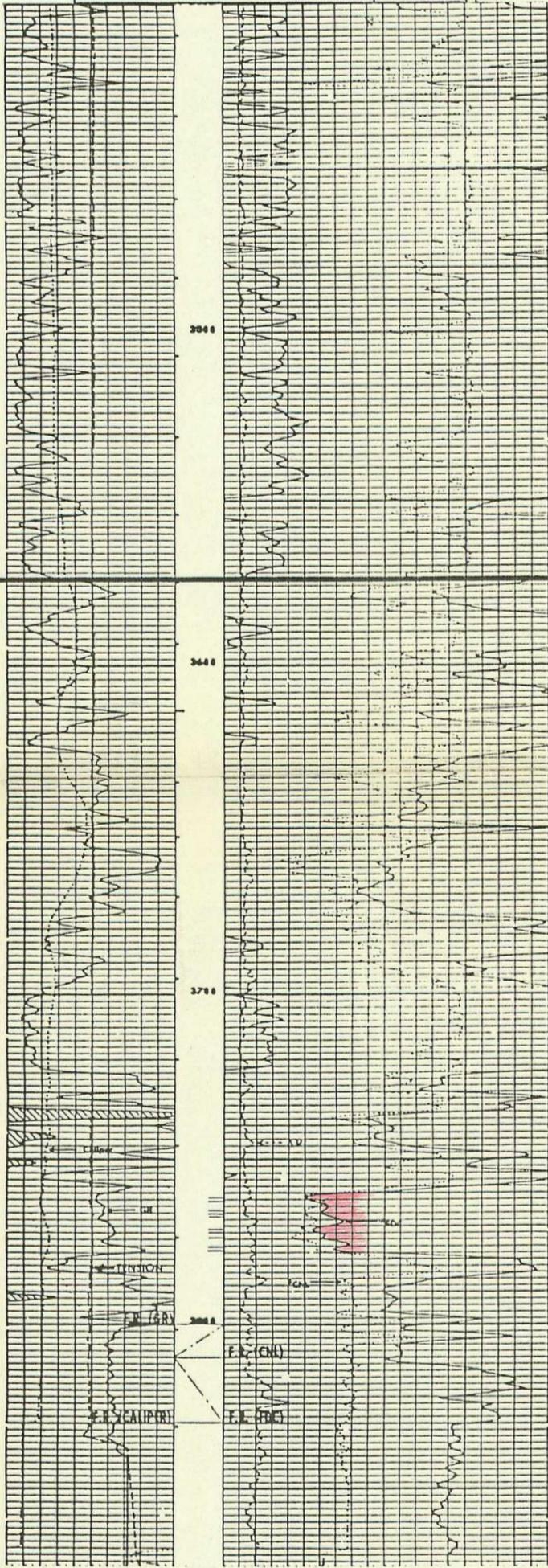
Permanent Datum G.L. Elev. 3635  
 Log Measured From RKB 17 Ft Above Perm Datum Elev. 3647  
 Drilling Measured From RKB G. 3634

**Schlumberger** SIMULTANEOUS COMPENSATED NEUTRON FORMATION DENSITY

COMPANY ANTWEIL OIL COMPANY  
 WELL #1 DIAMOND  
 FIELD NORTH SAN SIMON YATES  
 COUNTY LEA STATE NEW MEXICO

1980' FNL C 660' FNL

Permanent Datum G.L. Elev. 3631  
 Log Measured From R.B. 11 Ft Above Perm Datum Elev. 3641  
 Drilling Measured From R.B. G. 3631



TOP OF YATES

Perfs 3761-3777',  
 A/2000 gals, Frac  
 w/40,000 gals

IPP 56.9 BO,  
 17.5 BW,  
 13.7 MCFGPD  
 2/10/83

Perfs 3671-3702'  
 (13 holes), A/2500  
 gals, Frac w/40,000  
 gals

IPF 261 MCFGPD  
 on 16/64" choke  
 4/26/83

Perfs 3755-3824',  
 (14 holes), A/3000  
 gals, swb 83 Barrels  
 with Trace of Oil,  
 fluid level @ 2100',  
 squeezed perfs with  
 150 sx

Correlation Section between  
 Antweil's #1 Coquina and #1 Diamond Wells

BEFORE EXAMINER STAMETS  
 OIL CONSERVATION DIVISION

Antweil EXHIBIT NO. 3  
 CASE NO. 7976  
 Submitted by Williams  
 Hearing Date 12 Oct 83

ANTWEIL OIL COMPANY  
 Hobbs, New Mexico  
 NORTH SAN SIMON YATES  
 Lea County, New Mexico  
 OCTOBER 1983