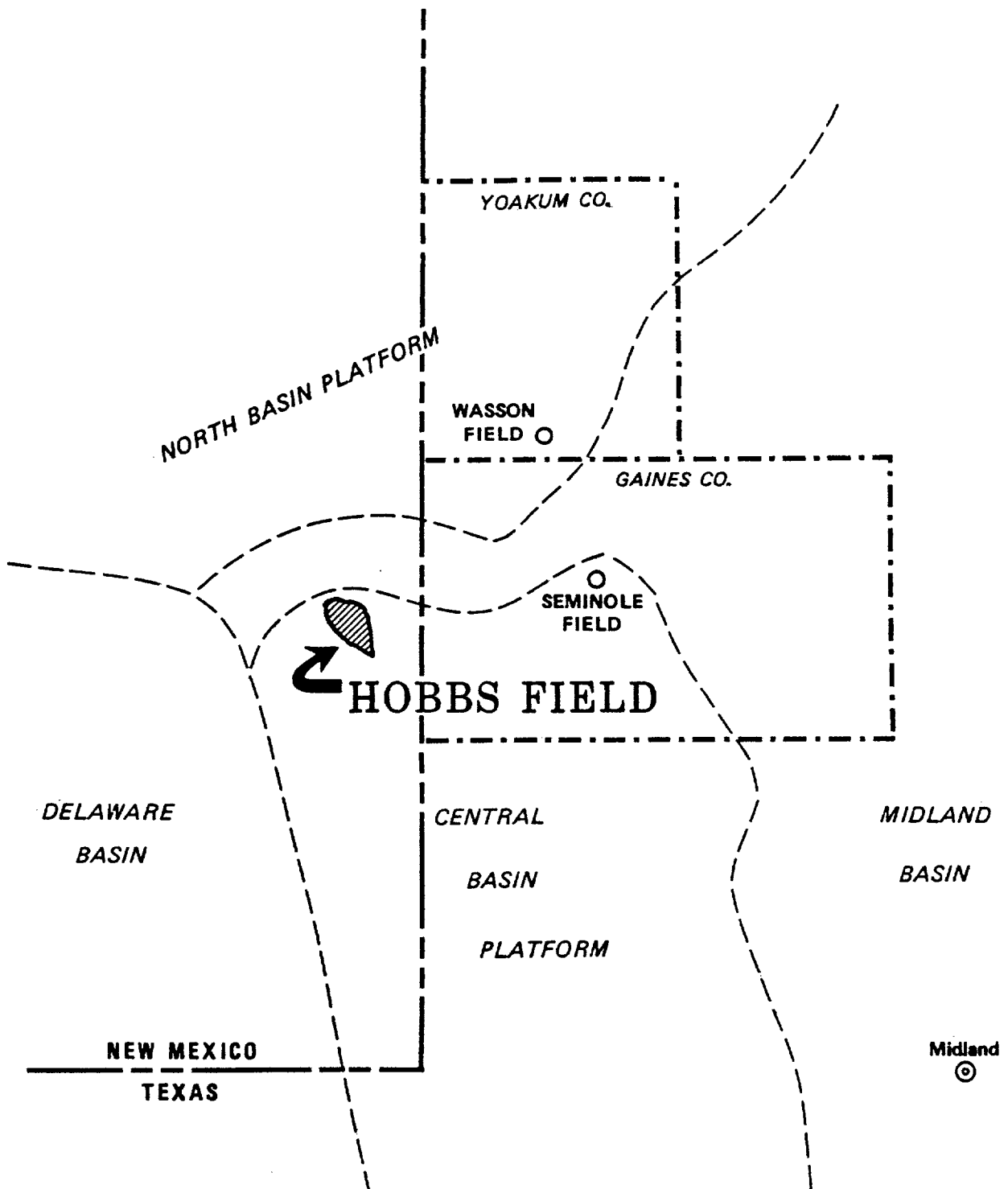
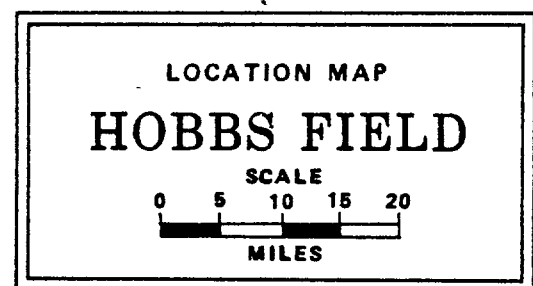


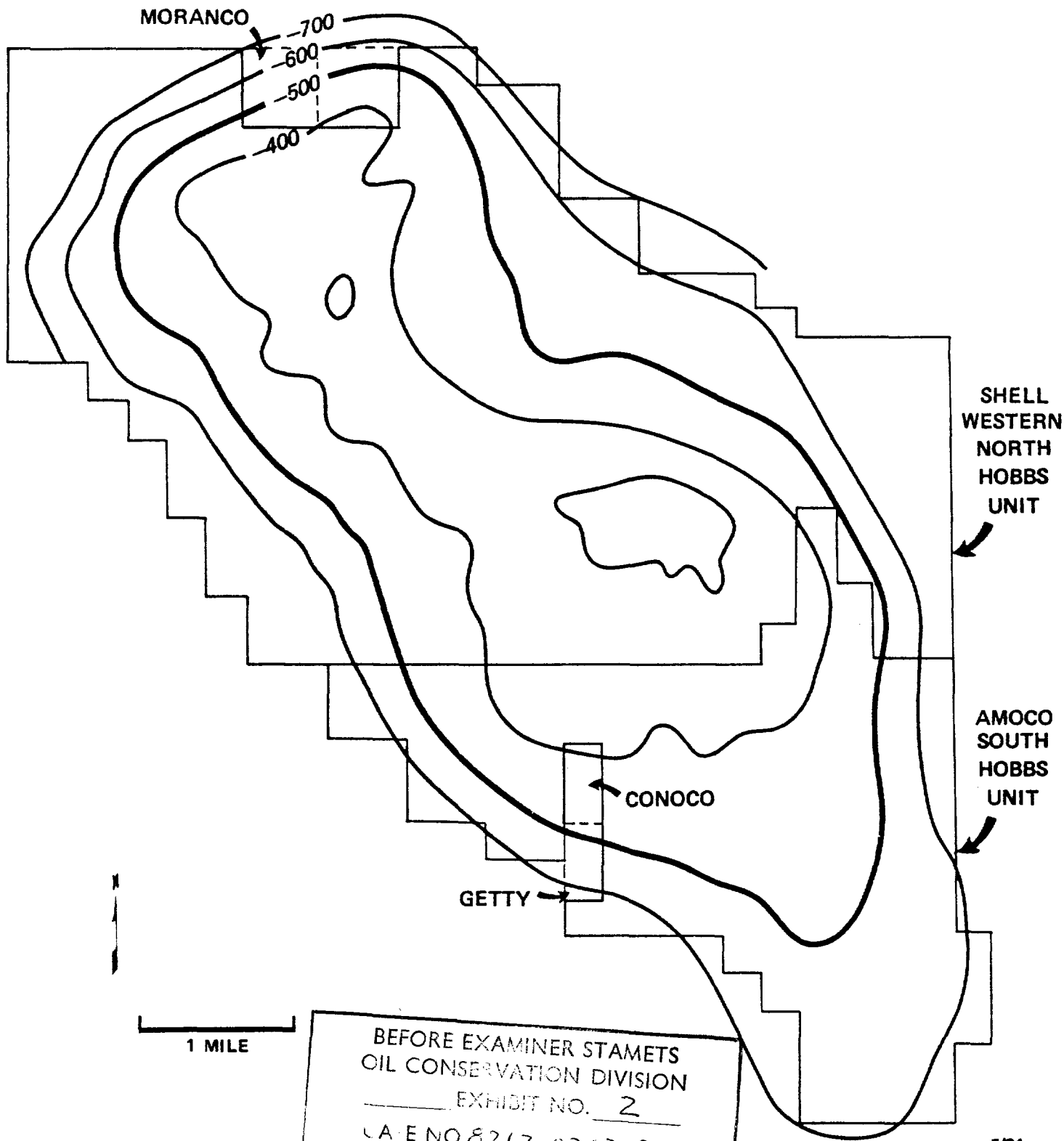
Exhibits 1 through 20
Complete set



BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. 1
CASE NO. 8262, 8263, 8264
Submitted by Shell Western
Hearing Date 7/11/84



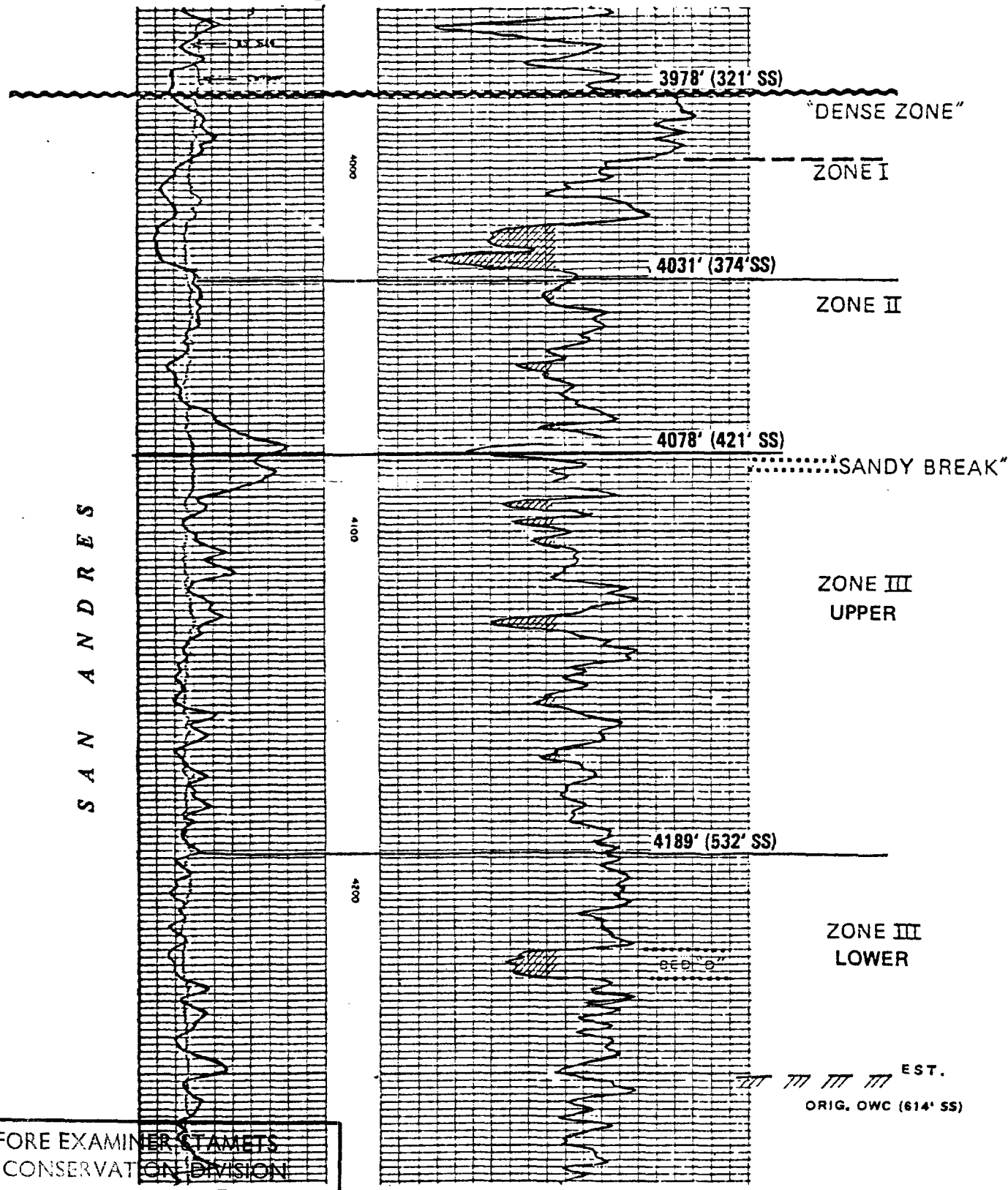
STRUCTURE ON TOP OF SAN ANDRES
HOBBS FIELD
LEA CO., N.M.



BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. 2
CASE NO. 8262, 8263, 8264
Submitted by Shell Western
Hearing Date 7/11/84

5/84
ZVMC005093

AMOCO STATE G-5
SECTION 33 E
ELEV. 3657' KB



BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. 3
FILE NO. 8262, 8263, 8264
Shell Western
7/11/89

EXAMPLE LOG
NORTH HOBBS (G/SA) UNIT
SAN ANDRES RESERVOIR

 BEDS OF HIGH POROSITY (OVER 15%)

FIGURE 12

NORTH HOBBS (G/SA) UNIT RESERVOIR DATA

INITIAL RESERVOIR PRESSURE @ GOC (PSIA), P_s	1515
OIL GRAVITY ($^{\circ}$ API)	33-35
OIL VISCOSITY (CP) @ P_s	0.96
OIL FORMATION VOLUME FACTOR (RB/STB) @ P_s	1.3
SOLUTION GAS-OIL RATIO (FT ³ /BBL) @ P_s	645
IRREDUCIBLE WATER SATURATION (%)	22
GAS-OIL CONTACT (FEET SUBSEA)	-360
WATER-OIL CONTACT (FEET SUBSEA)	-614

	<u>ZONE I</u>	<u>ZONE II</u>	<u>ZONE III_U</u>	<u>ZONE III_L</u>	<u>TOTAL</u>
ORIGINAL OIL IN PLACE (MMB)	172	150	155	40	517
POROSITY (%)	14.8	14.1	13.5	13.6	
PERMEABILITY (MD)	85	29	23	48	
NET PAY (FT)	30	33	48	35	

PRODUCTIVE AREA (ACRES)	8263	6912	5196	1797
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BEFORE EXAMINER'S SIGNATURE
OIL CONSERVATION DIVISION
EXHIBIT NO. <u>4</u>
CASE NO. <u>8262, 8263, 8264</u>
Submitted by <u>Shelli W. S. Lee</u>
Hearing Date <u>7/11/84</u>

M078401