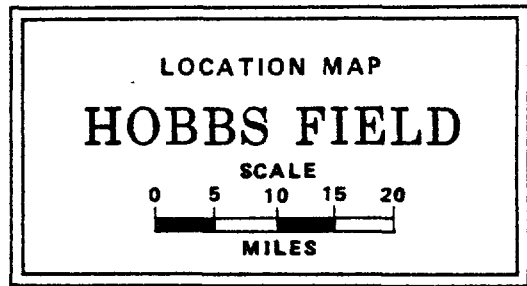


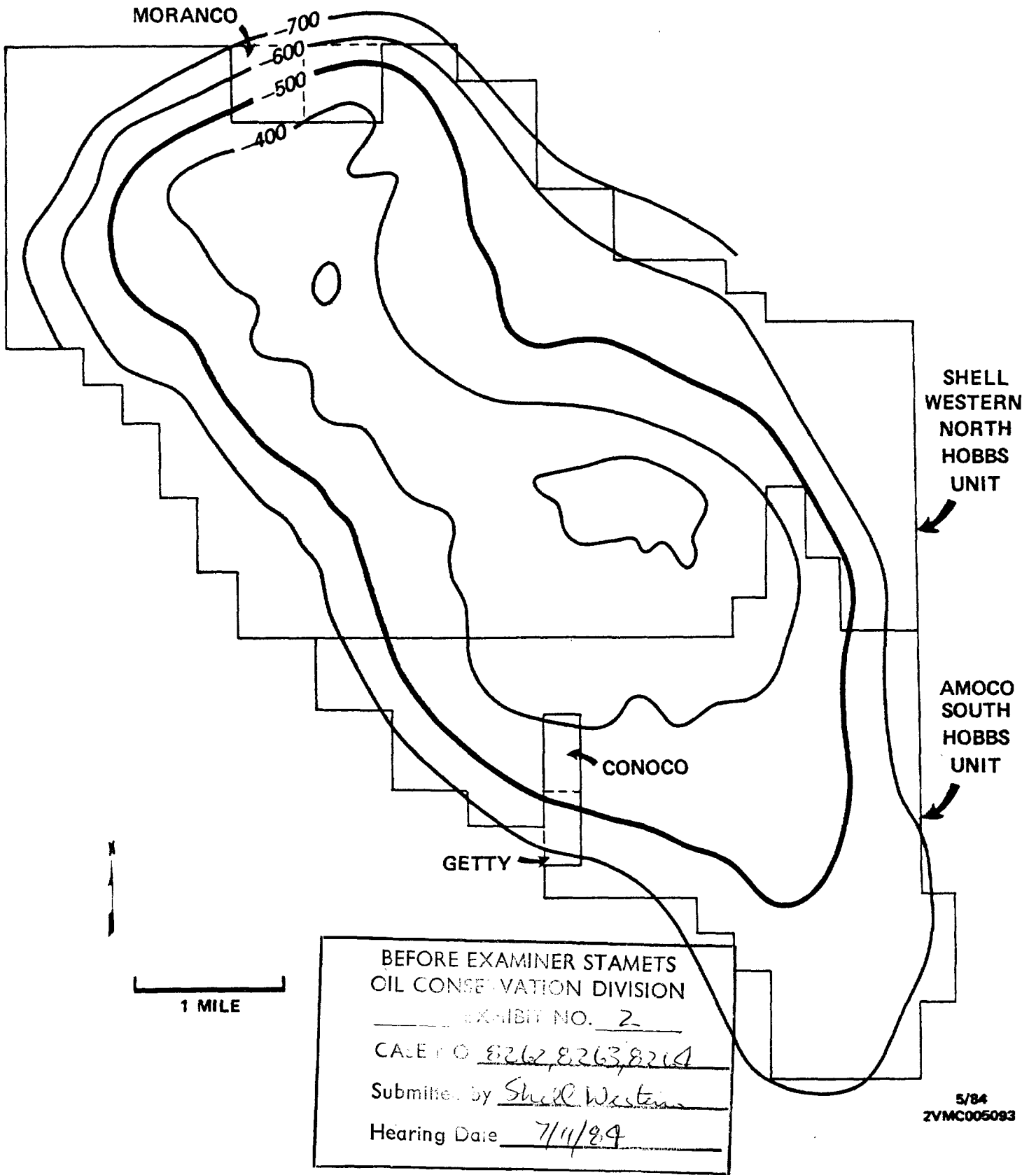
ZM-2217



BEFORE EXAMINER STAMETS
 OIL CONSERVATION DIVISION
 EXHIBIT NO. 1
 CASE NO. 8267, 8263, 821A
 Submitted by Shell Western
 Hearing Date 7/11/84



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



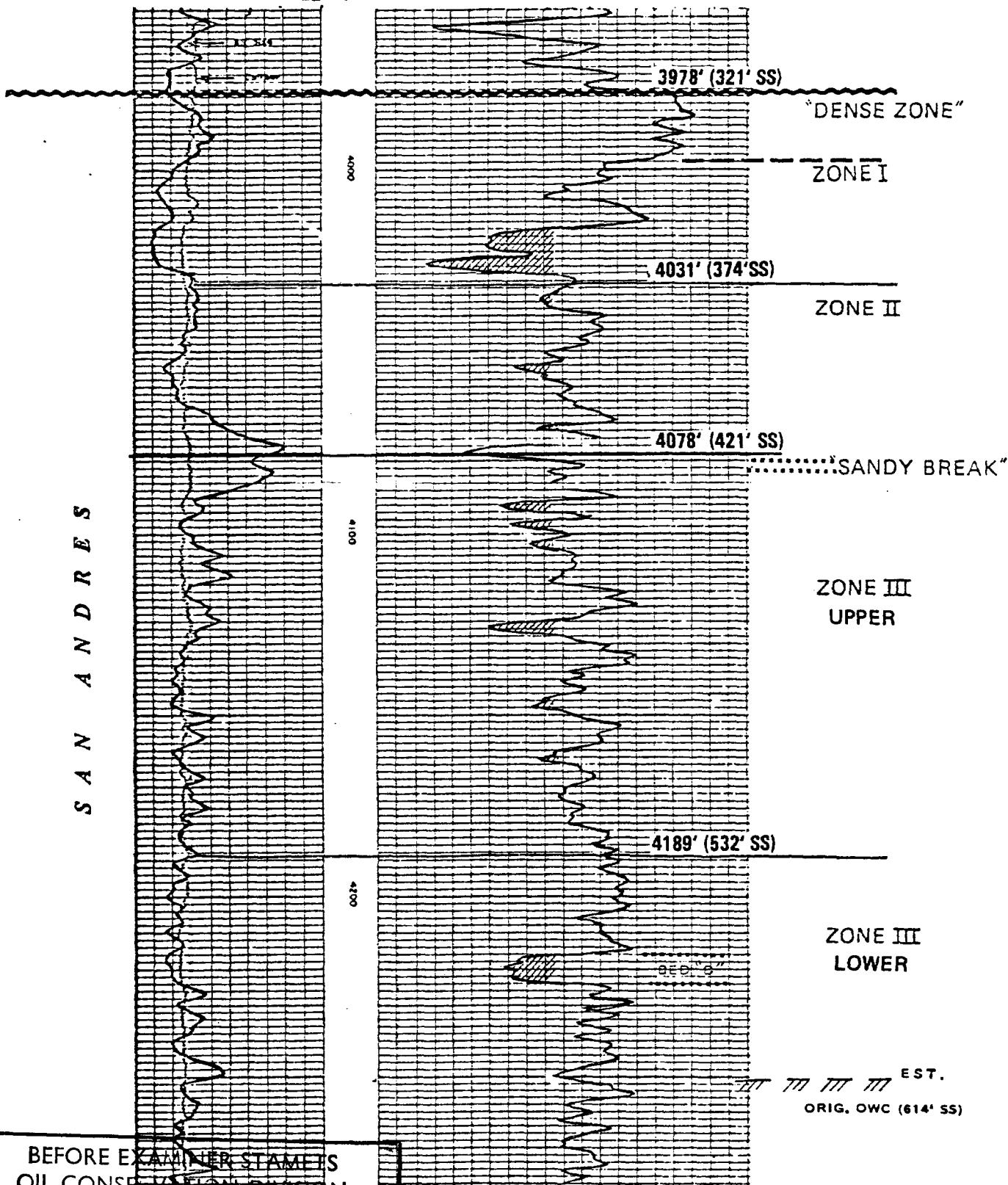
BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. 2
CASE NO. 8262, 8263, 8264
Submitted by Shell Western
Hearing Date 7/11/84

5/84
ZVMC005093

AMOCO STATE G-5

SECTION 33 E

ELEV. 3657' KB



BEFORE EXAMINER STARTS
OIL CONSERVATION DIVISION

EXHIBIT NO. 3

EXAMPLE LOG

NORTH HOBBS (G/SA) UNIT

SAN ANDRES RESERVOIR

CASE NO. 8262, 8263, 8264

Submitted by *Shell Western*

BEDES OF HIGH POROSITY (OVER 15%)

Hearing Date 7/11/84

EST.
ORIG. OWC (614' SS)

FIGURE 12

ZM-2057 B

NORTH HOBBS (G/SA) UNIT RESERVOIR DATA

INITIAL RESERVOIR PRESSURE @ GOC (PSIA), P _s	1515
OIL GRAVITY (°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

	ZONE I	ZONE II	ZONE III _U	ZONE III _L	TOTAL
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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)

BEFORE 8263 6812	5196
OIL CONSERVATION DIVISION	
EXHIBIT NO. <u>4</u>	
CASE NO. <u>8267, 8263, 8264</u>	
Submitted by <u>Shelley Stearns</u>	
Hearing Date <u>7/11/89</u>	

1797

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