

ESTIMATED REMAINING RECOVERABLE GAS IN PLACE
MONUMENT-EUNICE(EUMONT)-JALMAT TREND
LEA COUNTY NEW MEXICO

(1) INITIAL RECOVERABLE RESERVES (BCF)	(1) CUMULATIVE PRODUCTION 12/31/65 (BCF)	(2) PRODUCTION 1/1/65 TO 6/1/90 (BCF)	REMAINING RECOVERABLE RESERVES 6/1/90 (BCF)
9,800	6,700	2,361	739

CALCULATED PRODUCTION FROM 1/1/65 TO 6/1/90

FIELD/POOL	(3) CUMULATIVE PRODUCTION 12/31/65 (BCF)	(4) CUMULATIVE PRODUCTION 6/1/90 (BCF)	PRODUCTION 1/1/65 TO 6/1/90 (BCF)
GAS POOLS			
EUMONT (PRO GAS)	579	1,580	1,001
RHODES (GAS)	171	223	52
JALMAT (PRO GAS)	1,184	1,707	523
SUBTOTAL			1,576
ASSOCIATED CASINGHEAD POOLS			
ARROWHEAD	24	37	13
EUMONT (OIL)	229	365	136
EUNICES (OIL)	402	809	406
JALMAT (OIL)	146	210	64
LANG MATX (OIL)	272	438	166
SUBTOTAL			785
TOTAL GAS & ASSOC CSGHEAD			2,361

POTENTIAL MONEY INVESTED INTO LEA COUNTY, NEW MEXICO ECONOMY

REMAINING RECOVERABLE RESERVES ACCESSIBLE TO INFILL WELLS (BCF)	ANTICIPATED MODERN INFILL WELL RECOVERY (BCF/WELL)	NUMBER OF MODERN INFILL WELLS REQUIRED (WELLS)	COST PER MODERN INFILL WELLS (\$/WELL)	TOTAL POTENTIAL INVESTMENT INTO LEA, COUNTY NM (\$)
(5) 438	1.612	272	\$630,123.00	\$171,393,456.00

- (1) FROM "NATURAL GASES OF NORTH AMERICA - A SUMMARY"; B.W. BEEBE AND BRUCE F. CURTIS CUMULATIVE PRODUCTION INCLUDES ESTIMATES FOR VENTED AND FLARED CASINGHEAD GAS
- (2) CALCULATED PRODUCTION FROM DWIGHTS' ENERGY DATA AND STATE OF NEW MEXICO ANNUAL REPORT FIGURES
- (3) 12/31/65 CUMULATIVES FOR GAS POOLS FROM STATE OF NEW MEXICO ENGINEERING COMMITTEE REPORTS CUMULATIVES FOR CASINGHEAD GAS POOL EFFECTIVE 1/1/70 FROM DWIGHTS ENERGY DATA NO CUMULATIVES PUBLISHED PRIOR TO 1/1/70
- (4) 6/1/90 CUMULATIVES FROM DWIGHTS ENERGY DATA
- (5) BASED UPON FIELD DELCINE ANALYSIS 301 BCF IS RECOVERABLE BY EXISTING WELLS. THEREFORE 739 BCF - 301 BCF OR 438 BCF IS RECOVERABLE ONLY BY INFILL WELLS

8
10111

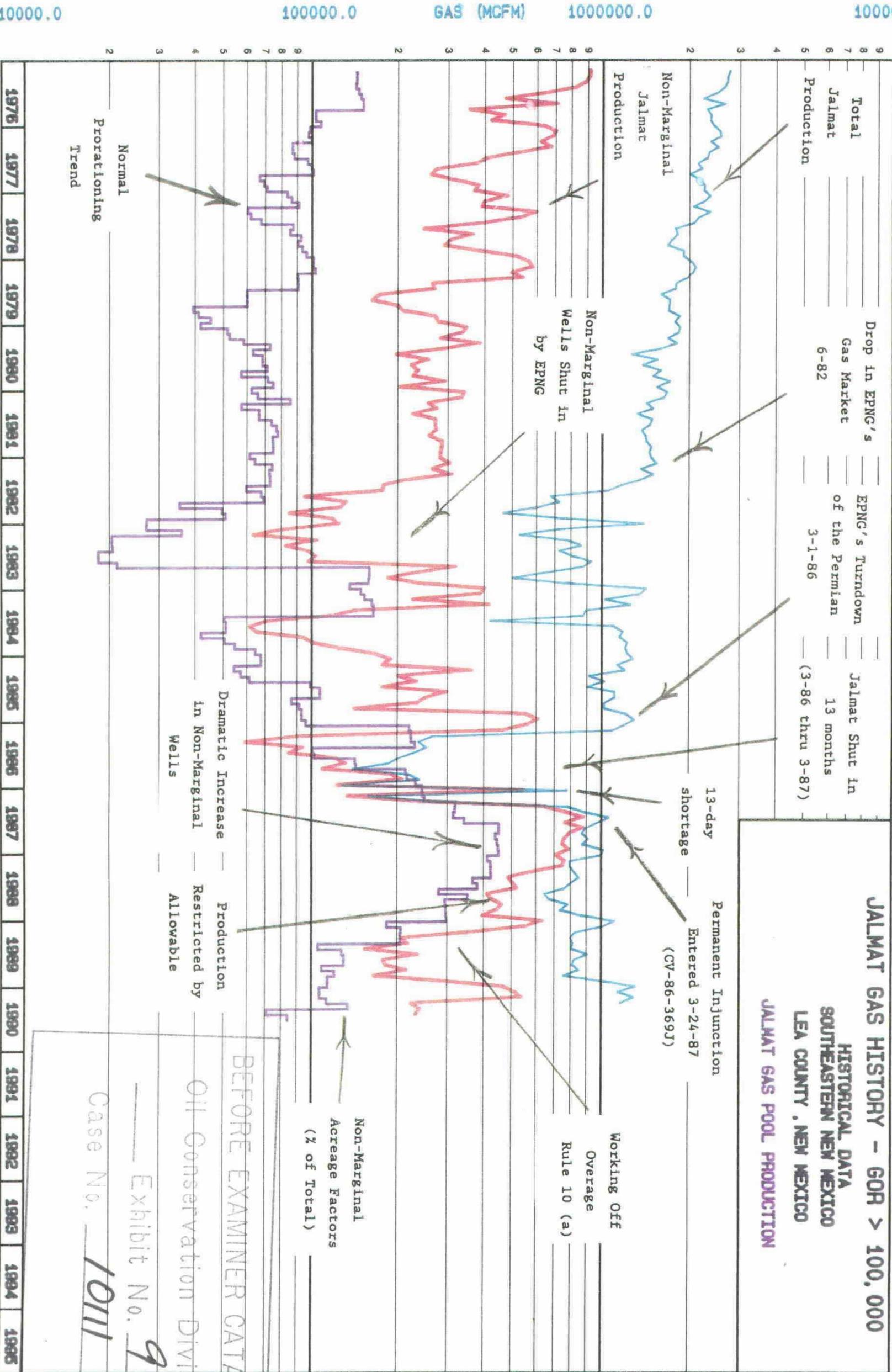
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PRODUCTION

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Set#: 9

Drop in EPNG's Gas Market of the Permian 3-1-86
Jalmat Shut in 13 months (3-86 thru 3-87)

JALMAT GAS HISTORY - GOR > 100,000
HISTORICAL DATA
SOUTHEASTERN NEW MEXICO
LEA COUNTY, NEW MEXICO
JALMAT GAS POOL PRODUCTION



1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995

Normal
Prorationing
Trend

BEFORE EXAMINER CATANACH
Oil Conservation Division

Case No. 10111
Exhibit No. 9

NON-MARG AF'S (% OF TOTAL)

YEARS

DOYLE HARTMAN
Oil Operator