

Before The
OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 10704 Exhibit No. 5
Submitted by: Marathon Oil Company
Hearing Date: 4/8/93

MCDONALD STATE "WN" NO. 23

FIELD - JALMAT (YATES)
UNIT C, 660' FNL & 1,980' FWL
SECTION 15, T-22-S, R-36-E
LEA COUNTY, NEW MEXICO

KB - 3,561.5' TD - 3,710'
GL - 3,548' PBTD - 3,695'

CURRENT RATE - 275 MCFD

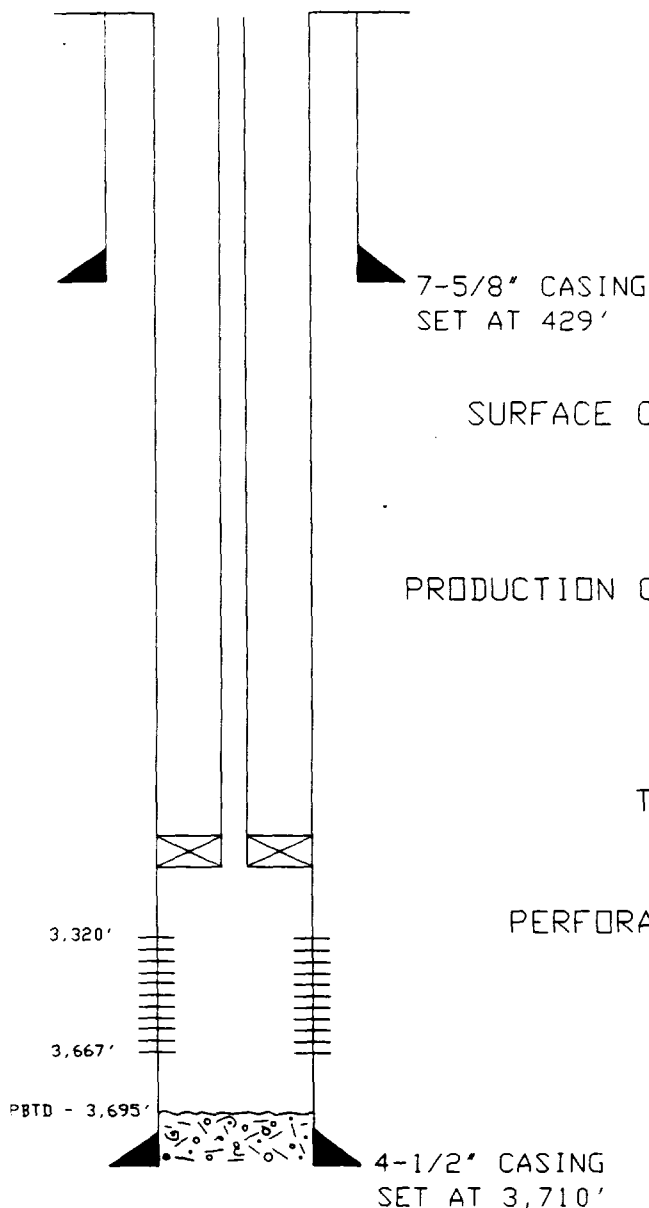
7-5/8" CASING
SET AT 429'

SURFACE CASING: 7-5/8", 26.4 LB/FT., SET AT
429'. CEMENT W/250 SACKS.
CIRC TO SURFACE.

PRODUCTION CASING: 4-1/2", 9.5 LB/FT., SET AT
3,710'. CEMENT W/500 SACKS.
CMT TOP AT 2,200' FROM TEMP.
SURVEY.

TUBING: 2-3/8" SET AT 3,254'

PERFORATIONS: 3,320', 31', 42', 58', 72',
97', 3,403', 14', 24', 30',
36', 41', 46', 87', 92', 3,537',
84', 3,601', 20', 36', 62',
67', W/1 JSPF, 22 HOLES.



HISTORY: DRILLED AND COMPLETED 5/74. PERFORATE W/1 JSPF AT THE
DEPTHS SHOWN ABOVE. ACIDIZE W/2,000 GALLONS OF 15%
HCL ACID. FRACTURE STIMULATE W/45,000 LBS OF 20/40
SAND IN 32,000 GALLONS OF GELLED KCL WATER. IP -
FLOWING, 520 MCFPD ON 3/4" CHOKE W/125 PSI FTP.

** DRAWING NOT TO SCALE

DRAWING BY: D. G. PRICE, JR.
3/93