

RAILROAD COMMISSION OF TEXAS

OIL AND GAS DIVISION

ARTHUR H. BARBECK
Chief Engineer

COMMISSIONERS
BEN RAMSEY
Chairman
BYRON TUNNELL
JIM C. LANGDON
FRED OSBORNE, Secretary



AUSTIN, TEXAS
January 16, 1970

MEMORANDUM TO THE COMMISSION:

DOCKET NO. 7B-59,837

IN RE:

Application of Harding Brothers
for Field Rules in the Young (Miss)
Field, Shackelford County, Texas.

DATE OF HEARING:

January 8, 1970

APPEARANCES:

Clyde Keithly for applicant.

The applicant requests the following rules for the subject field:

- (1) 660' 933' spacing.
- (2) 80 acre oil proration units plus 40 acres tolerance
for the last well on a lease; maximum diagonal of 3,250'.
- (3) 100% acreage allocation.
- (4) 100' of surface casing (TWDB letter 12-15-69)

The applicant also requests that the top allowable be set at 158 barrels per well per day which is the yardstick allowable for wells of this depth on 80 acre units. The field was discovered in 1967, and is developed with three flowing oil wells producing from a average depth of 4,600'. The maximum thickness of this reef is 250', and it thins rapidly to zero at the oil-water contact. The first well was completed in 1967 with potential of 103 barrels; the second well was completed in 1968 with potential of 108 barrels; and the third well was completed in 1969 with potential of 165 barrels. Cumulative production is 78,651 barrels as of January 1, 1970. Applicant, who is the only operator, plans to drill one additional well.

Based on the evidence, the writer recommends yardstick allowable and rules with the usual 80 acre spacing of 660' - 1,320'. There was no protest.

Respectfully submitted,

Mac L. Coker
Mac L. Coker, Director
Technical Hearings

RECOMMENDATION APPROVED:

RECOMMENDATION DENIED:

Arthur H. Barbeck

Chief Engineer _____

B. Ramsey

Chairman _____

Byron Tunnell

Commissioner _____

Jim C. Langdon

Commissioner _____

DCA 1-20-70.

EFFECTIVE

*RULES: 1-20-70.
YDSTK. 2-1-70.*