



OIL & GAS PETROLEUM AND ITS PRODUCTS

GULF OIL CORPORATION

P. O. DRAWER 1290 · FORT WORTH 1, TEXAS

May 10, 1956

FORT WORTH
PRODUCTION DIVISION

NSP-271
Date 6/11/56

Re: Application for 80-Acre Non-Standard Gas Proration Unit, Jelmat Gas Pool, Comprising E/2 SE $\frac{1}{4}$ of Section 36, T-23-S, R-36-E, Lea County, New Mexico.

Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

Gentlemen:

Gulf Oil Corporation hereby makes application for approval of a non-standard gas proration unit comprising E/2 SE $\frac{1}{4}$ of Section 36, T-23-S, R-36-E, Lea County, New Mexico, and in support thereof states the following facts:

- (1) Gulf Oil Corporation is owner and operator of an oil and gas lease known as its J. R. Holt "B" Lease, Lea County, New Mexico, as shown on the attached plat.
- (2) Gulf Oil Corporation proposes that the above described acreage be established as a non-standard 80-acre gas proration unit in exception to Rule 5(a) of Order R-520.
- (3) The J. R. Holt "B" Well No. 2, located 660 feet from the East line and 660 feet from the South line of Section 36, T-23-S, R-36-E, Lea County, New Mexico, was completed April 23, 1956, as a gas-oil dual well. This well is in the Jelmat Gas Pool and Langlie-Mattix Oil Pool. The applicant proposes to use this well as the unit well.
- (4) The proposed non-standard gas proration unit will meet the requirements of Rule 5(b) of the Oil Conservation Commission Order No. R-520 as follows:
 - (a) Contiguous quarter-quarter sections will comprise the unit.
 - (b) The proposed unit lies wholly within a single governmental section.

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HAROLD C. FISHER
OCC

- (c) All acreage within the proposed unit may reasonably be presumed productive of gas. 7:35
- (d) The length or width of the proposed unit does not exceed 5,280 feet.
- (e) Gulf Oil Corporation is lessee and operator of all the acreage comprising the proposed unit as shown on the attached plat, and by copy of this letter of application, all operators owning interest in the section in which the proposed unit is located and all operators within 1,500 feet of the proposed unit well are notified by registered mail of the intent of Gulf Oil Corporation to form the proposed non-standard gas proration unit. (See attached affidavit.)
- (5) The approval of this application for a 80-acre non-standard gas proration unit will, in the opinion of the applicant, prevent waste, protect correlative rights and serve the best interest of conservation.

In view of the existence of the facts herein stated and compliance with the provisions of Rule 5(b) of the Oil Conservation Commission's Order No. R-520, Gulf Oil Corporation requests that the Secretary of the Commission approve the above described non-standard gas proration unit.

Respectfully submitted,

GULF OIL CORPORATION

By:

B E Thompson
Division Production Manager

cc: Registered Mail - Return Receipt Requested:

Amerada Petroleum Corporation
Attn: Mr. R. S. Christie
Box 2040
Tulsa Oklahoma

(Continued on Next Page)

PROBLEMS OF THE DEFENSES AND MILITARY OPERATIONS FOR
CIVILIAN AND MILITARY DEFENSES IN THE SOUTHERN HEMISPHERE OF THE EARTH.

From these operations can be derived no definite or
certain knowledge of people and (b)

the following has been derived of military operations in the South
American Republics and Central American Republics and from
the other 3rd world states which have not yet been
described in the following. In general, the natural
resources of these countries are not known in detail
but it is known that they have been derived from the
natural resources of the 3rd world countries.
The following information can be derived from the
natural resources of the 3rd world countries.

There is little known about the natural resources and the economy of the
countries of the 3rd world countries. It is known that the
countries of the 3rd world countries are mostly agricultural
and industrial countries.

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CONFIDENTIAL - SECURITY INFORMATION

(This has no benefit)

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Oil Conservation Commission

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cc: Registered Mail - Return Receipt Requested: (Continued)

Cities Service Oil Company
Box 97
Hobbs, New Mexico

Continental Oil Company
Box 427
Hobbs, New Mexico

Ralph Lowe
Box 832
Midland, Texas

Magnolia Petroleum Company
Attn: Mr. W. A. Daniel
Box 727
Kermit, Texas

Skelly Oil Company
Box 38
Hobbs, New Mexico

The Texas Company
Box 1270
Midland, Texas

cc: Oil Conservation Commission
P. O. Box 2045
Hobbs, New Mexico

1. $\mathbb{P}_n = \sqrt{n}(\hat{\mu}_n - \mu_0)$

\xrightarrow{D}

standard normal distribution

$\hat{\mu}_n = \frac{1}{n} \sum_{i=1}^n X_i$

standard error of mean = σ/\sqrt{n} = $\sigma/n^{1/2}$

standard error of estimate = s/\sqrt{n}

\xrightarrow{D} standard normal distribution

standard error of slope = $s_e = \sqrt{\frac{s^2}{n} + \frac{(y - \hat{y})^2}{n(n-2)}}$

\xrightarrow{D} standard normal distribution

standard error of intercept = $s_b = s_e \sqrt{\frac{1}{n} + \frac{x_{\text{mean}}^2}{\sum(x_i - \bar{x})^2}}$

\xrightarrow{D} standard normal distribution

standard error of residual = $s_e = \sqrt{\frac{\sum(y_i - \hat{y}_i)^2}{n-2}}$

standard error of coefficient = $s_{\beta_j} = \sqrt{\frac{s^2}{n} + \frac{\sum(x_i - \bar{x})^2}{n^2}}$