

TEXACO
INC.

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PETROLEUM PRODUCTS



P. O. Box 728
Hobbs, New Mexico
March 8, 1962

REQUEST FOR TEMPORARY APPROVAL OF
TUBINGLESS COMPLETION AND TEMPORARY
ALLOWABLE, TEXACO Inc. K. F. Quail
Federal Well No. 1, Undesignated
Bone Spring Pool, 555' FWL 2086' FSL,
Section 1, T-20-S, R-34-E, Lea County,
New Mexico

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

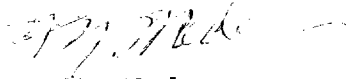
Pending the outcome of examiner hearing which will possibly be held March 28, 1962, TEXACO Inc. respectfully requests temporary approval of a 2-7/8" tubingless completion below 5000' in the K. F. Quail Federal Well No. 1 and a temporary allowable assignment of 49 barrels of oil per day effective March 1, 1962 in accordance with the data shown on Form C-104 which is to be filed this date March 8, 1962.

The subject well was initially scheduled as a conventional dual completion in the Bone Spring and Devonian formations at a total depth of 14,700'. During the course of drilling it was determined that the location was structurally unsuitable for completion in the Devonian and drilling was ceased at a total depth of 13,745'. Core and drill stem test data indicated a possible marginal completion in the Bone Spring formation and it was determined that the most economical method for testing would be through 2-7/8" OD casing. Cement plugs were spotted in the open hole 13,745' - 13,500'; 13,390' - 13,290'; 13,060' - 12,960'; 12,620' - 12,520'; 12,320' - 12,220'; 11,020' - 10,920'; 10,820' - 10,720'; 10,310' - 10,210' and 9,850' - 9,750'. 2-7/8" OD casing was set at 9,721' and cemented with 250 sacks of cement - calculated cement top at 9,200'. After acidizing with 500 gallons of acid and fracturing with 10,000 gallons of water containing one pound of sand per gallon, the well completed through perforations 9,601' - 9,606' and 9,630' - 9,639' for 49 barrels of 41° API gravity oil at a GOR of 261 - 1 during 24 hour potential test ending 7:00 A.M. March 3, 1962.

March 8, 1962

Since a doubt existed as to the producing capabilities of the well, no effort was made to schedule a hearing until the well was actually completed. Application for hearing was subsequently filed by letter dated March 7, 1962, which will possibly place the case on the March 28, 1962 docket. In the meantime, it is respectfully requested that TEXACO Inc. be granted temporary approval of completion and temporary allowable as outlined previously in this letter in order that a maximum return on the investment will be realized.

Yours very truly,



H. N. Wade
Assistant District Superintendent

LMF-MSV

cc: NMOCC, Hobbs

TEXACO
INC.

PETROLEUM PRODUCTS



DOMESTIC PRODUCING DEPARTMENT

2516
MAIN OFFICE 000

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P. O. BOX 3109

MIDLAND, TEXAS

March 7, 1962

APPLICATION FOR EXCEPTION TO NMOCC
RULE 107 (E) (1) FOR TUBINGLESS
COMPLETION

K. F. Quail Federal No. 1
2086' FSL and 556' FWL
Section 1, T-20-S, R-34-E,
Lea County, New Mexico

Mr. A. L. Porter, Jr.
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Porter:

In accordance with New Mexico Oil Conservation Commission Rule 107, Texaco Inc. respectfully requests that a hearing be set to consider its application to complete its K. F. Quail Federal No. 1 as a tubingless completion. In support of its application, the following facts are stated:

1. Texaco Inc. is the operator of its K. F. Quail No. 1 located 2086' FSL and 556' FWL, Section 1, T-20-S, R-34-E, Lea County, New Mexico.
2. The completion does not qualify for administrative approval since it is an exception to NMOCC Rule 107 (e) (1) in that the subject well is completed at a depth greater than 5000 feet.
3. The casing string consists of 2-7/8 inch O.D. N-80 Buttress casing and was set at 9721 feet and cemented with 250 sacks of cement.
4. The well is presently being completed in the undesignated Bone Springs through perforations 9601-9606 and 9630-9639 feet.

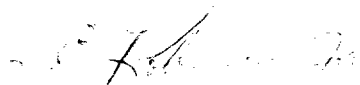
Mr. A. L. Porter, Jr.

-2-

March 7, 1962

Attached, in triplicate, is a plat showing the location of the well and all offsetting acreage. It is requested that this application be set for hearing on the earliest examiner docket.

Very truly yours,


J. E. Robinson, Jr.
Division Proration Engineer

JERjr.-MM

Attach.