

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

Re: APPLICATION FOR DUAL COMPLETION
TEXACO Inc.

V. M. Henderson Well No. 4
Lea County, New Mexico

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

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

Gentlemen:

Attached is an Application for Administrative Approval of Dual Completion for V. M. Henderson, Well No. 4 in the Eumont (Gas) and Penrose Skelly Pools, Lea County, New Mexico.

The subject well is currently completed in the Eumont (Gas) Pool in the open hole interval from 3480' to 3675'. TEXACO Inc. plans to deepen the well with a 4-3/4" bit to approximately 3850', install a 4" flush joint liner at total depth and hung in the 5-1/2" casing at approximately 3430'. Dual completion will then be effected through perforations opposite the Penrose Skelly pay and Eumont (Gas) pay.

It is proposed to flow the Eumont (Gas) production through the tubing-casing annulus and pump the Penrose Skelly production through 2-3/8" tubing. Efficient flow of the Eumont completion through the tubing-casing annulus can be expected since production from the completion is dry gas with no free liquid hydrocarbons.

Yours very truly,

W. B. Hubbard
District Superintendent

LMF-MSV
cc: NMOC, Hobbs
Offset Operators

Attachments

Box 100
New Mexico
January 1, 1952

REPLY TO: APPLICATION FOR DUAL COMPLETION
REXACO INC.
V. M. Henderson well No. 4
Las Alamos, New Mexico

NEW MEXICO OIL COMMISSION
Box 100
Santa Fe, New Mexico

Attention: Mr. A. D. Foster, Jr.

Dear Sir:

Attached is an Application for Administrative Approval for
Dual Completion for V. M. Henderson, well No. 4 in the Las Alamos (Zone)
and Tennessee Shale Pool, Las Alamos, New Mexico.

The subject well is currently completed in the Las Alamos
(Zone) Pool in the open hole interval from 3450' to 3550'. REXACO
Inc. plans to deepen the well with a 9-5/8" bit to approximately
3650'. Install a 7" lined joint liner at total depth and cement in the
9-5/8" casing at approximately 3550'. Dual completion will then be
effected through perforations opposite the Tennessee Shale Pool and
Las Alamos (Zone) Pool.

It is proposed to line the Las Alamos (Zone) Pool and
the Tennessee Shale Pool and pump the Tennessee Shale Pool
through 2-1/2" tubing. Estimated flow of the Las Alamos Pool
through the tubing-casing annulus can be expected since production
from the completion is by gas with no free liquid hydrocarbon.

Yours very truly

A. A. Anderson
District Representative

Very truly
Yours,
District Representative

cc: Las Alamos

APPLICATION FOR DUAL COMPLETION

Field Name <u>Eumont (Gas), Penrose Skelly</u>		County <u>Lea</u>		Date <u>January 8, 1962</u>
Operator <u>TEXACO Inc.</u>		Lease <u>V. M. Henderson</u>		Well No. <u>4</u>
Location of Well <u>C</u>	Unit <u>30</u>	Section <u>21-S</u>	Township <u>37-E</u>	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO
2. If answer is yes, identify one such instance: Order No. DC-872; Operator, Lease, and Well No.:
TEXACO Inc. Mittie Weatherly Well No. 4

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	<u>Eumont</u>	<u>Penrose-Skelly</u>
b. Top and Bottom of Pay Section (Perforations)	<u>3488 - 3574</u>	<u>3682 - 3826</u>
c. Type of production (Oil or Gas)	<u>Gas</u>	<u>Oil</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>	<u>Artificial Lift</u>

4. The following are attached. (Please mark YES or NO)

- Yes a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Yes b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Yes c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
- No d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Gulf Oil Corporation, P. O. Box 1938, Roswell, New Mexico

Mobil Oil Company, P. O. Box 2406, Hobbs, New Mexico

Sinclair Oil & Gas Company, 520 East Broadway, Hobbs, New Mexico

J. W. Peery, P. O. Box 655, Odessa, Texas

J. H. Moore, 1000 Green Acres Drive, Hobbs, New Mexico

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO . If answer is yes, give date of such notification January 8, 1962 (By Registered Mail)

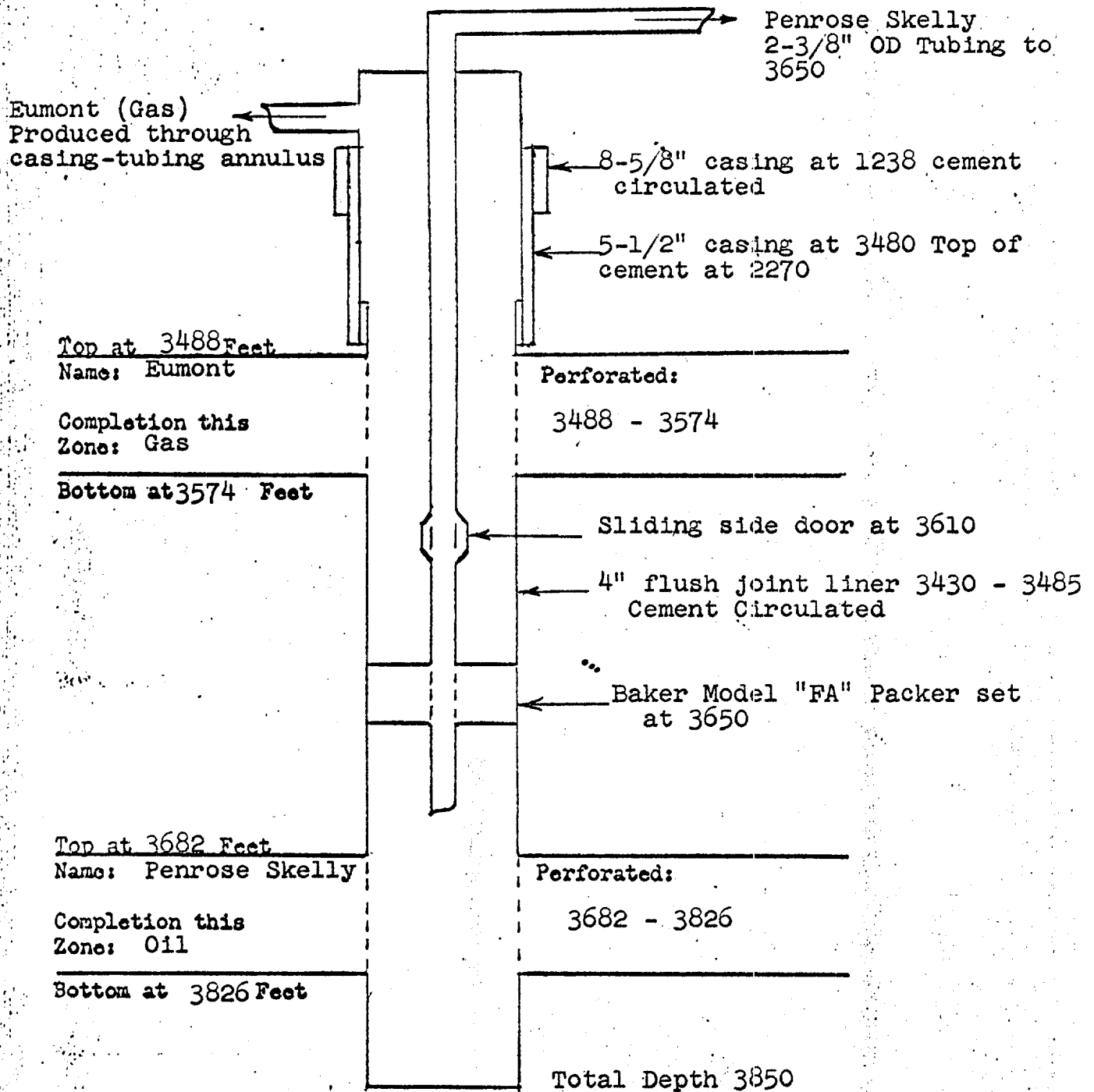
CERTIFICATE: I, the undersigned, state that I am the District Superintendent of the TEXACO Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

W. B. Hubbard
Signature

* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed dual completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

DIAGRAMATIC SKETCH SHOWING DUAL COMPLETION INSTALLATION



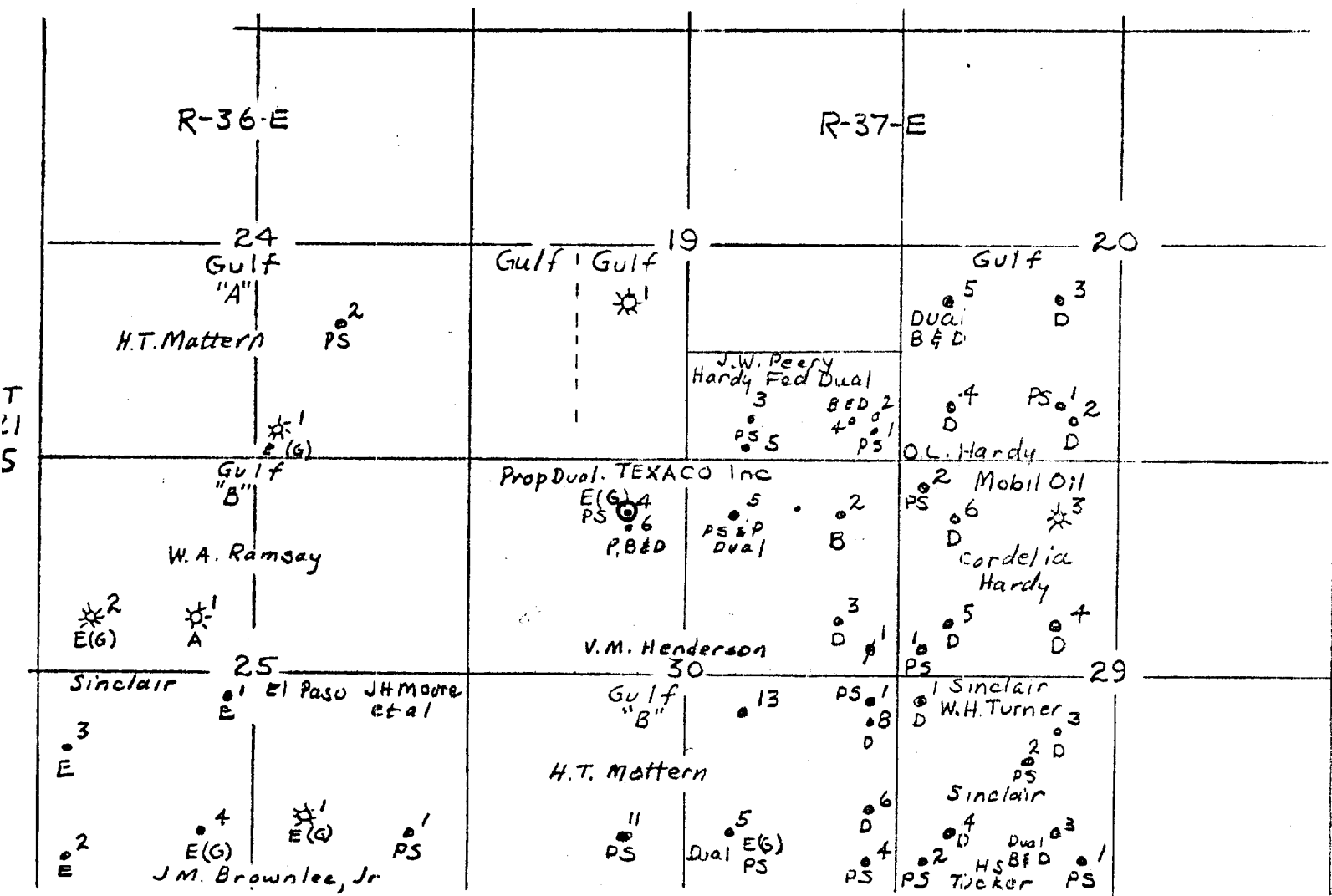
COMPANY: TEXACO Inc.

LEASE: V. M. Henderson

FIELD: Eumont (Gas) & Penrose Skelly

DATE: December 4, 1962

PLAT OF TEXACO Inc's V.M. HENDERSON LEASE AND OFFSET LEASES



Scale: 1" = 2000'

LEGEND

- A - Arrowhead
- D - Drinkard
- E - Eumont Oil
- E(G) - Eumont Gas
- PS - Penrose Skelly
- B - Blinebry Gas
- B(O) - Blinebry Oil

OFFSET OPERATORS

- Gulf Oil Corp., Box 1938, Roswell, N. Mexico
- Mobil Oil Co., Box 2406, Hobbs, N. Mexico
- Sinclair Oil & Gas Co., 520 E. Broadway, Hobbs, N. Mexico
- J. W. Peery, Box 655, Odessa, Texas
- J. H. Moore, 1000 Green Acres Drive, Hobbs, N. Mexico