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December 21, 1963

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

Re: Application for Single Tubingless
Completion, State of New Mexico "AE"
Well No. 21, Vacuum (Abo Reef) Pool,
Lea County, New Mexico

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

Gentlemen:

TEXACO Inc. respectfully requests administrative approval of an exception to New Mexico Oil Conservation Commission Rule 107 (e) for State of New Mexico "AE" Well No. 21. This well is a proposed single tubingless completion in the Vacuum (Abo Reef) Pool, and is located 1980 feet from the north line and 660 feet from the west line of Section 11, T-18-S, R-34-E, Lea County, New Mexico.

The production casing string will consist of 2-7/8" O. D. tubing set at approximately 9050 feet in a 7-5/8 inch hole. Completion will be through perforations from approximately 8900 feet to 9000 feet in the Abo Reef formation. No corrosion has been encountered but the top 2000 feet of 2-7/8 inch casing shall be plastic coated to resist paraffin deposition.

This zone has been approved by the New Mexico Oil Conservation Commission as a tubingless completion in other single completions in this area. An instance is TEXACO Inc.'s State of New Mexico "AE" Well No. 14.

Attached is a diagrammatic sketch of the proposed tubingless completion and a plat showing the location of all wells on the State of New Mexico "AE" Lease and all offset wells along with the name and addresses of all offset operators. A copy of this request is being sent this date to all offset operators by registered mail.

Your early consideration of this request will be greatly appreciated.

Yours very truly,



J. G. Blevins, Jr.
Assistant District Superintendent

WPY/om
cc: NMCCC, Hobbs
Offset Operators
Attachments

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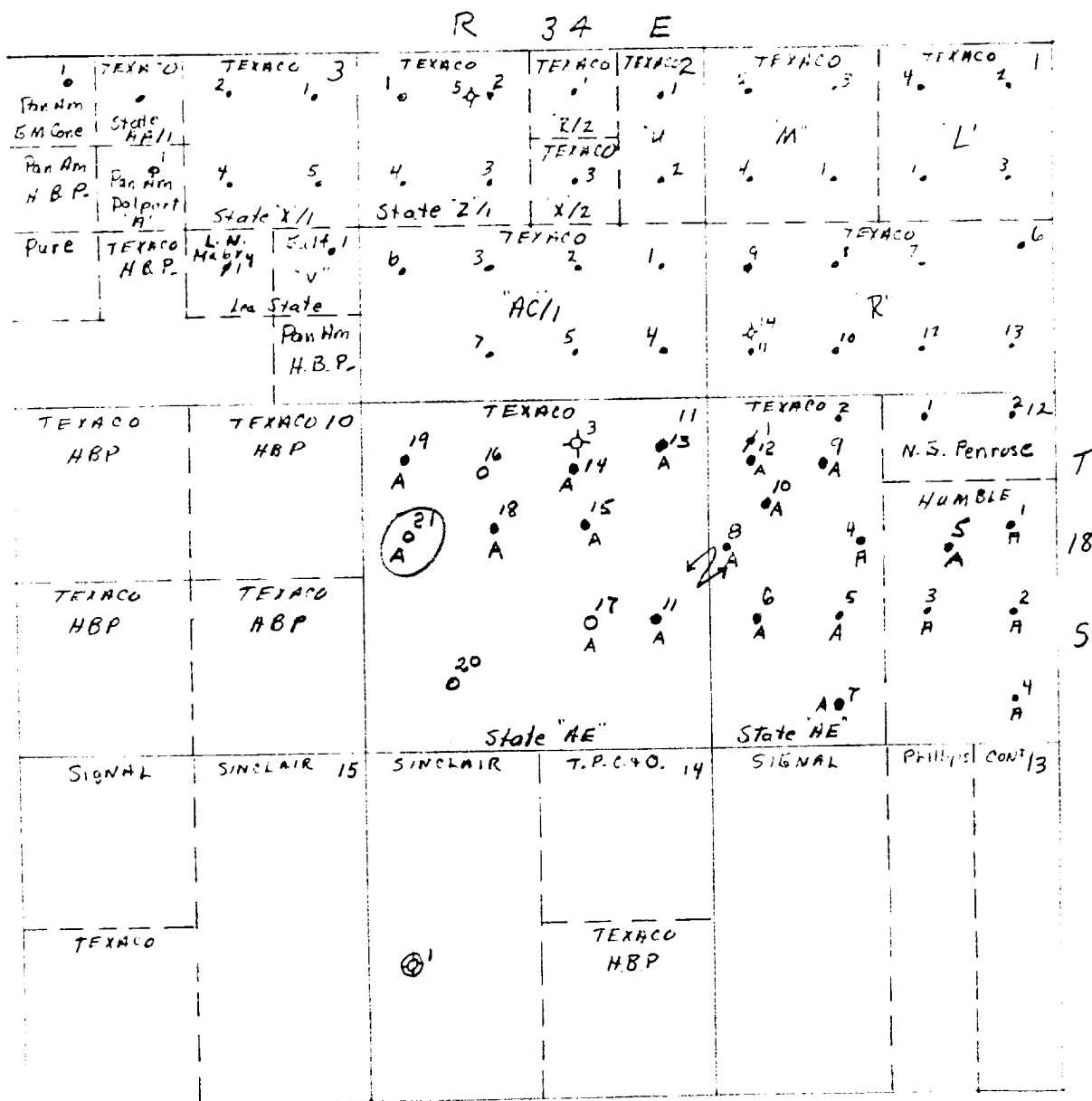
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Plat. of TEXACO Inc.
State of New Mexico "AE" Lease
Lea County, New Mexico
Scale 1" = 2640'

LEGEND

A- Vacuum-Abo

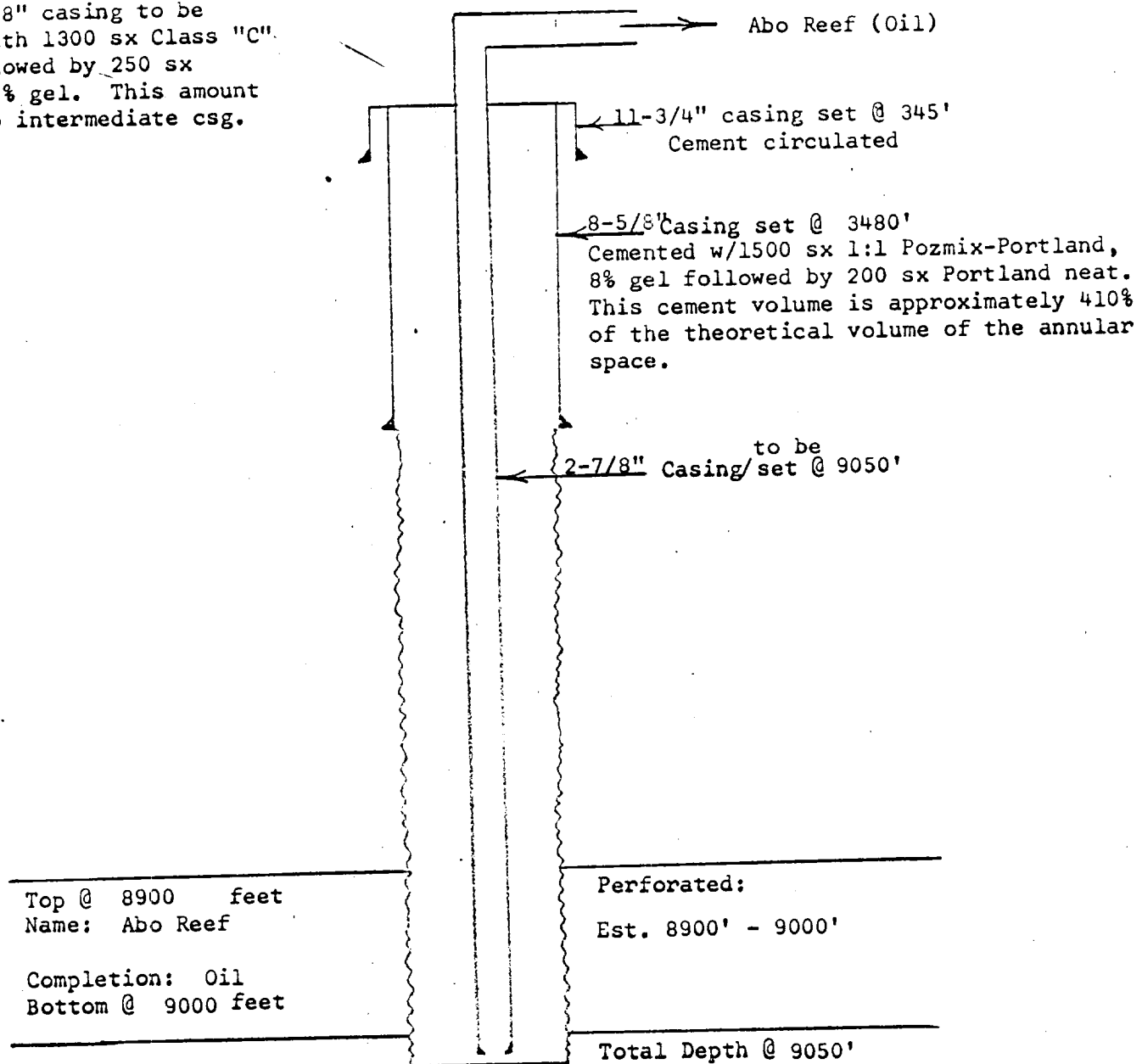
Note: Wells not noted
are in the Vacuum Pool

OFFSET OPERATORS

Pan American Petroleum Corp., Box 68, Hobbs, N. M.
Sinclair Oil & Gas Co., Box 1470, Midland, Texas
Texas Pacific Coal & Oil Co., Box 1688, Hobbs, N. M.
Signal Oil & Gas Co., 509 W. Texas, Midland, Texas
Phillips Petroleum Co., Box 2130, Hobbs, N. M.
Humble Oil & Refining Co., Box 2347, Hobbs, N. M.
N. G. Penrose, Box 988, Eunice, N. M.

Diagrammatic Sketch of Single Tubingless Completion

NOTE: 2-7/8" casing to be cemented with 1300 sx Class "C" 8% gel followed by 250 sx Class "C" 4% gel. This amount to tie into intermediate csg.



TEXACO Inc.

Lease: State of New Mexico "AE" Well No. 21
Field: Vacuum (Abo Reef)
Date: December 21, 1963