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April 27, 1964

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Re: Application for Single
Tubingless Completion,
State of New Mexico "AA"
(NCT-4) Well No. 1, Vacuum
(Abo Reef) Pool, Lea County,
New Mexico

Attn: 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 its State of New Mexico "AA" (NCT-4) Well No. 1. 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 east line of Section 10, 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" hole. Completion will be through perforations from approximately 8700 to 9000 feet in the Abo Reef formation. No corrosion problems have been encountered, but paraffin does exist for which the top 2000 feet of casing shall be plastic coated.

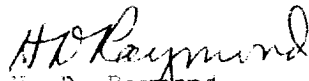
This zone has been approved by the New Mexico Oil Conservation Commission as a tubingless completion in other single completions in this area. An instance is TEXACO Inc. State of New Mexico "AA" (NCT-4) Well No. 2.

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 "AA" (NCT-4) 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.

April 27, 1964

Your early consideration of this request would be greatly appreciated.

Yours very truly,


H. D. Raymond
Assistant District
Superintendent

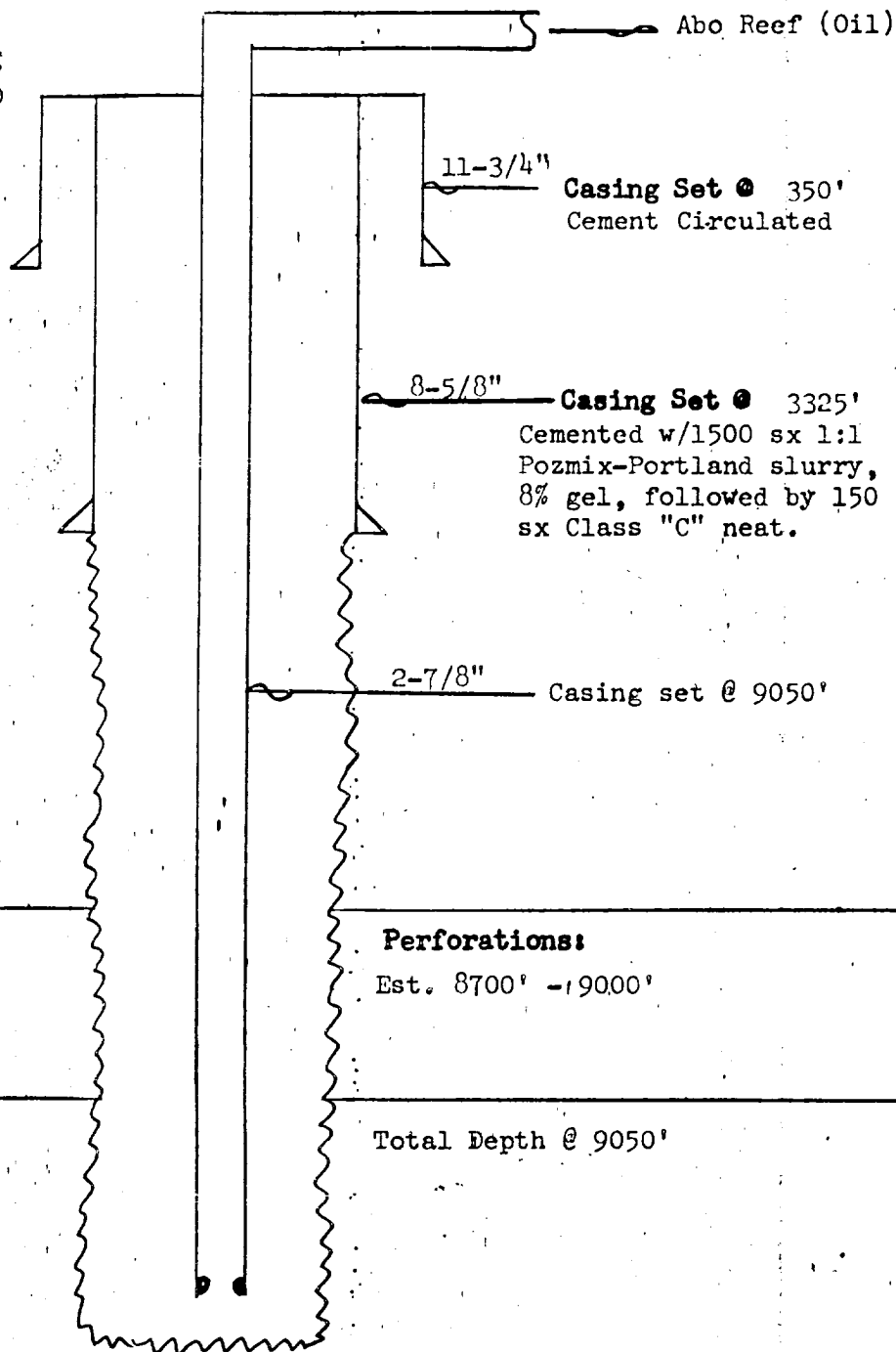
WPY-bl

cc: NMOCC, Hobbs
Offset Operators

Attachments

SKETCH OF TUBINGLESS COMPLETION (SINGLE)

NOTE: To be cemented with
1300 sx Class "C",
8% gel, followed by
300 sx Class "C", 4% gel.
Cement volume equals 220%
of annular volume from TD
to int. casing.



Top at 8700 feet.

Name: Abo Reef

Completion: Oil

Bottom at 9000 feet.

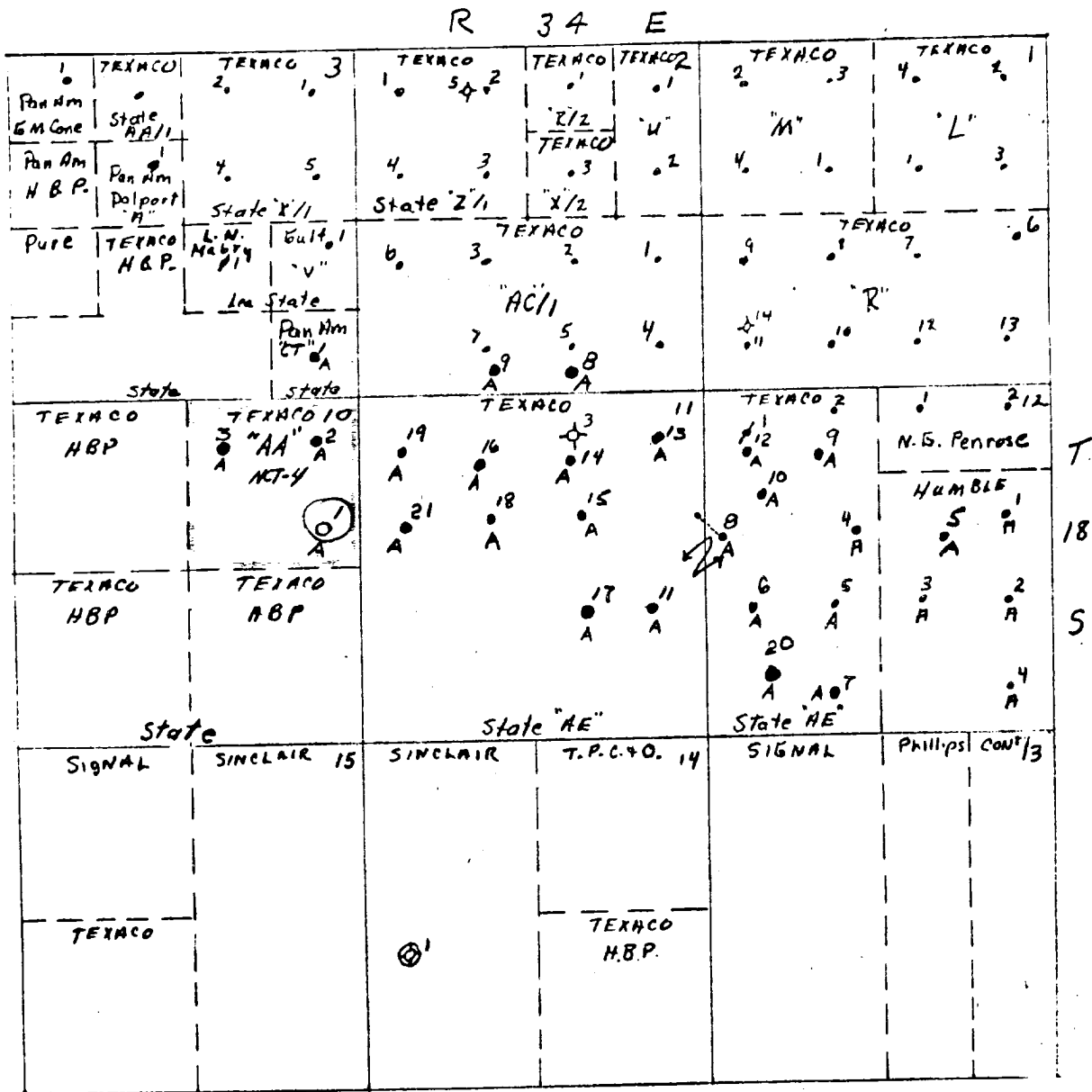
Perforations:

Est. 8700' - 9000'

Total Depth @ 9050'

TEXACO Inc.

LEASE: State of New Mexico "AA" (NCT-4) Well No. 1
FIELD: Vacuum (Abo Reef)
DATE: April 27, 1964



PLAT

TEXACO Inc.
State of New Mexico "AA" (NCT-4) Lease
Lea County, New Mexico
Scale: 1"=2640'

Legend

A-Vacuum Abo Reef
Wells not noted are in the Vacuum Pool

Offset Operators

Pan American Petr. Corp., Box 68, Hobbs, N. M.