

HOBBS OFFICE D. C. C.
DEC 5 10 38 AM '63

December 4, 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. 19, 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 (a) for the State of New Mexico "AE" Well No. 19. This well is a proposed single tubingless completion in the Vacuum (Abo Reef) Pool, and is located 660 feet from the north line and 560 feet from the west line of Section 11, T-18-S, R-34-E, Lea County, New Mexico.

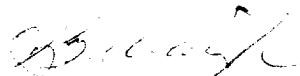
The production casing string will consist of 2-7/8" O. D. tubing set at 9050 feet in a 7-5/8 inch hole. Completion will be through perforations from 8771 feet to 8942 feet in the Abo Reef formation. No corrosion has been encountered but paraffin deposition does occur, for which the top 2000 feet of casing shall be plastic coated. The well is expected to flow initially.

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. 18.

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 at this request would be greatly appreciated.

Yours very truly,

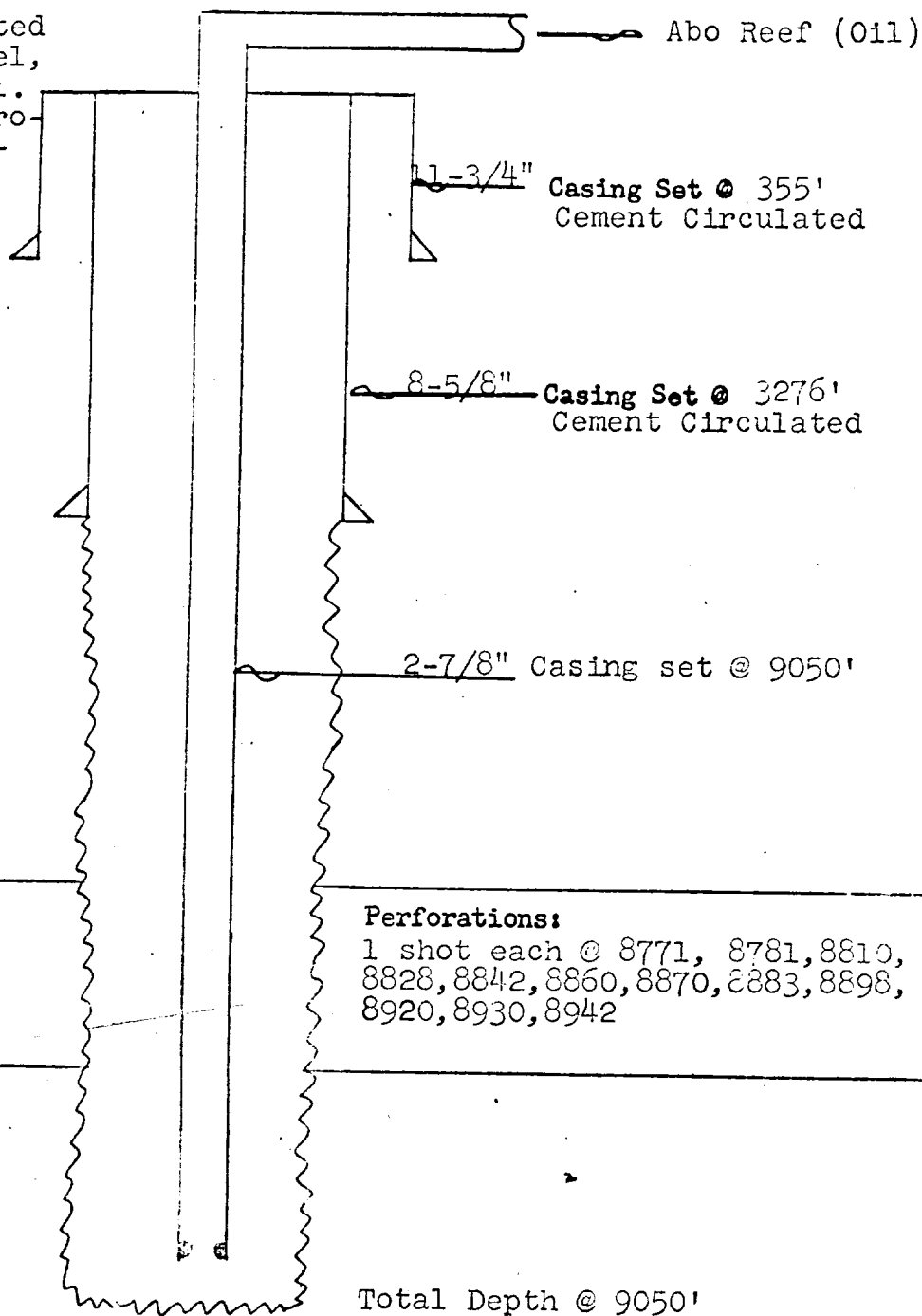


J. G. Blevins, Jr.
Assistant District Superintendent

WPY/om
cc: NMCCC, Hobbs
Offset Operators
Attachments

SKETCH OF TUBINGLESS COMPLETION (SINGLE

NOTE: 2-7/8" casing cemented
w/1300 sx Class "C", 8% gel,
followed by 300 sx, 4% gel.
This cement volume is approx-
imately 220% of the theo-
retical annular volume.



Top at 8771 feet.

Name: Abo Reef

Completion: Oil

Bottom at 8942 feet.

Perforations:

1 shot each @ 8771, 8781, 8810,
8828, 8842, 8860, 8870, 8883, 8898,
8920, 8930, 8942

Total Depth @ 9050'

TEXACO Inc.

LEASE: State of New Mexico "AE" Well No. 19

FIELD: Vacuum (Abo Reef)

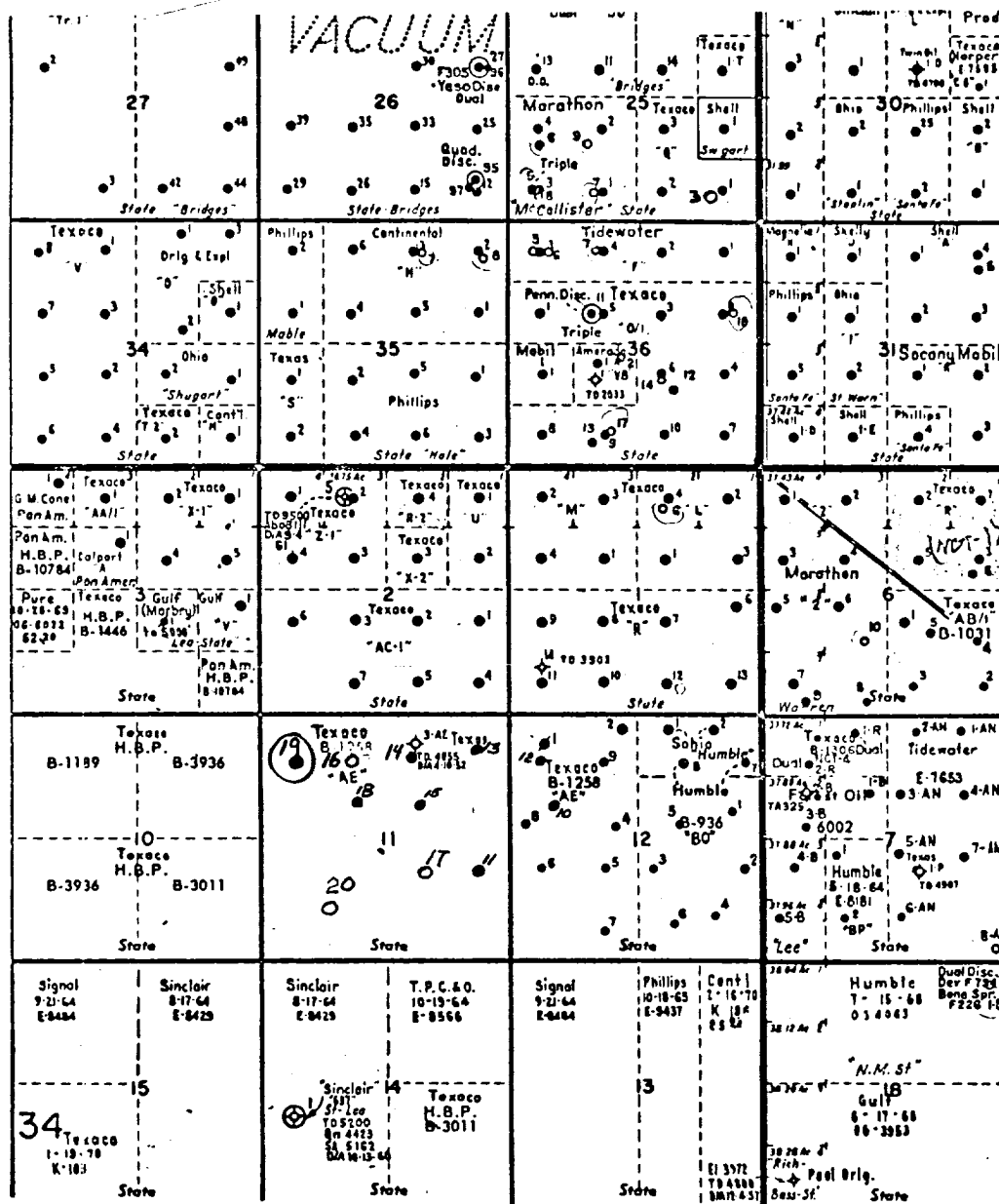
DATE: December 4, 1963

T-17-S

T-17-S

T-18-S

T-18-S



R-34-E

R-35-E

TEXACO Inc.

State of New Mexico "AE" Lease
Vacuum Abo Reef Field
Lea County, New Mexico

Scale: 1" = 4000'

OFFSET OPERATORS

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