

HOODE & STEPHENSON P. O. C.

JUN 24 2 53 PM '64

June 24, 1964

New Mexico Oil Conservation Commission
P. O. Box 2088
Hobbs, New Mexico

Re: Application for Triple
Tubingless Completion,
State of New Mexico "N"
Well No. 6, Vacuum (Blin-
bry, North Abo and Wolfcamp)
Pools, Lea County, New Mexico

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

Gentlemen:

TEXACO Inc. respectfully requests administrative approval for the triple tubingless completion of TEXACO's State of New Mexico "N" Well No. 6 to permit oil production from the Blinbry, North Abo and Wolfcamp pools adjacent to these pools in the Vacuum Field. The subject well is located 1980 feet from the south line and 460 feet from the west line, Unit L, Section 30, Township-17-South, Range-35-East, Lea County, New Mexico.

The New Mexico Oil Conservation Commission has not heretofore authorized the multiple completion of a well in these pools within one mile of the subject well. However, these zones have been completed in combination with other zones in two separate wells within a one-mile radius of the subject well. These wells are Phillips Petroleum Company's Santa Fe Well No. 87, Vacuum (Wolfcamp, North Abo and Glorieta) and TEXACO Inc.'s State of New Mexico "Q", Well No. 6, Vacuum (Glorieta and Blinbry). Phillips' well is located Unit L, Section 31, T-17-S, R-35-E, and TEXACO's well is located in Unit P, Section 25, T-17-S, R-34-E, Lea County, New Mexico. In addition to the Blinbry, North Abo and Wolfcamp zones having been authorized for multiple completion, by being in combination with the common Glorieta zone, in two separate wells, the following information is submitted for determining the feasibility of the requested triple completion:

[illegible]

<u>Item</u>	<u>Wolfcamp</u>	<u>No. Abo</u>	<u>Glorieta</u>	<u>Blinbry</u>
Type Crude	Int.sweet	Int.sweet	Int.sweet	Int.sweet
Gravity (°API)	38.2	39.5	38.2	37.8
BHP (psi)	3668	3373	2103	2036
GOR (cu.ft.bb.)	1450	937	655	1750
Corrosion	None	None	None	None
Paraffin	Slight	Slight	Slight	Slight

In view of the above listed reservoir and crude characteristic data and the presently producing wells involving the zones in the proposed completion, it appears as if the subject well could be successfully completed and produced in a manner commensurate with good conservation practice. Therefore, TEXACO Inc. would appreciate obtaining administrative approval for the subject well to permit oil production from the Blinbry, North Abo and Wolfcamp pools through parallel strings of 2-7/8 inch casing cemented in a common well bore, the zones being adjacent to the Vacuum Pool, Lea County, New Mexico.

A schematic diagram of the proposed completion and plat of the State of New Mexico "N" Lease and surrounding area is attached. Copies of the subject application is being sent this date to all offset operators by registered mail.

Yours very truly,

W. E. Morgan

W. E. Morgan
 Assistant to the
 District Superintendent

WPY:SG
 cc:NMOC-C-Hobbs

Attachments

In view of the above listed hazardous and other characteristics and the presently proposed well involving the same in the proposed completion, it appears as if the subject well could be satisfactorily completed and produced in a manner commensurate with good conservation practices. Therefore, it would expedite obtaining administrative approval for the subject well to permit all production from the Kennedy, North A-1 and Williams pools thereof partially overlies of N-1's thus casing cemented in a common well bore, the same being adjacent to the Vacuum Pool, Red County, West Virginia.

A schematic diagram of the proposed location and layout of the State of New Mexico "M" bases and a surrounding area is attached. Copies of the subject application is being sent this way to all offset operators by registered mail.

ALAN: NEW ENTRY

[illegible]

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attendant staff

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

BUREAU OFFICE H. D. C.

Operator TEXACO Inc.		County Lea		Date June 24, 1964
Address P. O. Box 728, Hobbs, New Mexico		Lease State of New Mexico "N"		Well No. 6
Location of Well L	Unit 30	Section 17-S	Range 35-E	

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X (Zone combinations are among wells.)

2. If answer is yes, identify one such instance: Order No. _____; Operator, Lease, and Well No.:

Phillips Petr. Co. Santa Fe No. 87 - Wolfcamp, North Abo, Glorieta
TEXACO's State of New Mexico "O" No. 6 - Glorieta, Blinbry

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Vacuum Blinbry	Vacuum No. Abo	Vacuum Wolfcamp
b. Top and Bottom of Pay Section (Perforations)	6477-6770	9079-9214	9612-9833
c. Type of production (Oil or Gas)	Oil	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Flow	Flow	Flow

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

Yes a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and 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.

No c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*

Yes 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.

Humble Oil & Refining Co., Box 2347, Hobbs, New Mexico

Mobil Oil Co., Box 2406, Hobbs, New Mexico

Shell Oil Co., Box 1853, Roswell, New Mexico

Marathon Oil Co., Box 2107, Hobbs, New Mexico

Pacific Western c/o Tidewater Oil Co., Box ²⁴⁹ 547, Hobbs, New Mexico

Sinclair Oil & Gas Co., 520 E. Broadway, Hobbs, New Mexico

Skelly Oil Co., Box 38, 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 **June 24, 1964 by registered mail.**

CERTIFICATE: I, the undersigned, state that I am the **Asst. Dist. 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.

H. D. Raymond

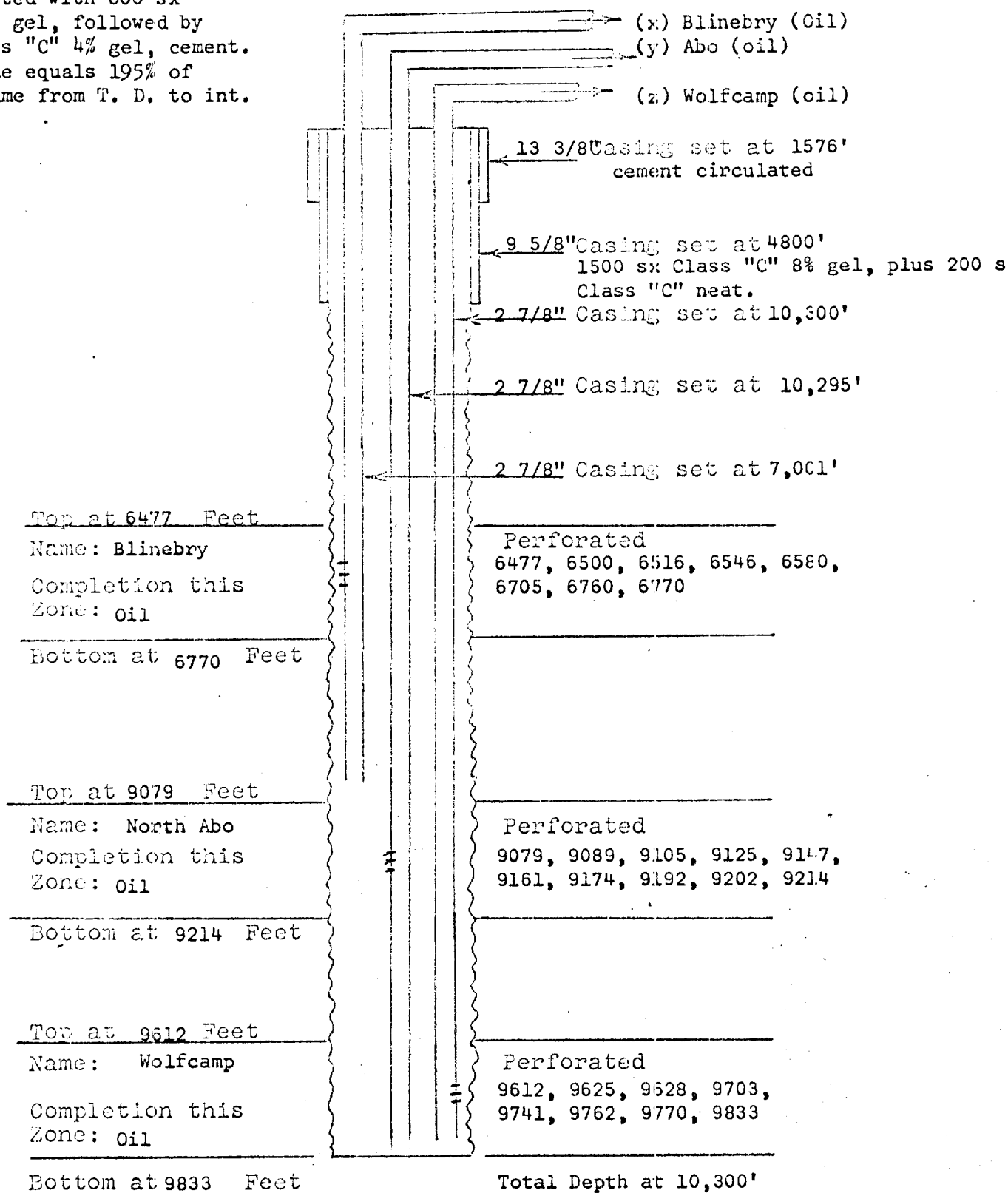
Signature

* 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 multiple 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.

DIAGRAMMATIC SKETCH OF TRIPER COMPLETION INSTALLATION (CHALLENGER)

NOTE: Cemented with 600 sx
Class "C" 2% gel, followed by
1200 sx Class "C" 4% gel, cement.
Cement volume equals 195% of
annular volume from T. D. to int.
casing.



TEXACO Inc.

LEASE: State of New Mexico "N" Well No. 6
FIELD: Vacuum (Blinebry, North Abo & Upper Pennsylvanian)
DATE: June 24, 1964

