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SUNRAY MID-CONTINENT OIL COMPANY
11th FLOOR WILCO BUILDING
MIDLAND, TEXAS

HOBBS OFFICE O.C.C.

SEPTEMBER 25, 1957

1957 OCT 3 AM 10:29

DC-520

Due 10-10-57

Oil Conservation Commission
State of New Mexico
107 Mabry Hall
Capitol Building
Santa Fe, New Mexico

Re: Administrative Approval for Dual
Completion in Lane Wolfcamp and
Lane Pennsylvanian Pools, Lea County,
New Mexico in Sunray's New Mexico
State "F" Well No. 2

Gentlemen:

Please consider this as the application of Sunray Mid-Continent Oil Company for administrative approval for the dual completion of its New Mexico State "F" Well No. 2 in the Lane Wolfcamp and Lane Pennsylvanian Pools, Lea County, New Mexico. This application is submitted pursuant to the New Mexico Oil Conservation Commission Order No. R-295 dated October 10, 1956.

In this respect Sunray alleges and states:

(1) Sunray Mid-Continent Oil Company is the operator of the New Mexico State "F" Well No. 2 located 660 feet from the North line and 1980 feet from the West line of Section one (1), Township ten (10) South, Range thirty-three (33) East, Lea County, New Mexico.

(2) This well was completed on April 12, 1956 at a plugged back depth of 9812 feet in the Lane Pennsylvanian Pool. Original total depth was 9855 feet.

(3) 13-3/8" OD casing was set at 335 feet and 350 sacks of cement were circulated to the surface.

(4) 9-5/8" OD casing was set at 4025 feet and cemented with 1900 sacks of cement, which circulated to the surface.

(5) 7" OD casing was set at 9855 feet and cemented with 500 sacks of cement. A temperature survey shows the cement to be behind the 7" casing from 9855 to 7520 feet.

(6) The Wolfcamp formation will produce through perforations from 9639 to 9650 feet through 2-3/8" OD EUE tubing at 9600 feet.

(7) The Pennsylvanian formation will produce through perforations from 9779 to 9790 and 9793 to 9804 feet through 2-3/8" OD EUE tubing set at 9748 feet on a packer which will be set at 9740 feet.

Note: (All perforating and setting depths based on Lane Wells measurements which are 6 feet high to Schlumberger measurements.)

Sunray believes that the manner and method of this proposed dual completion as shown on the attached diagrammatic sketch is mechanically feasible and practicable. The performance of Sunray's State "I" Well No. 1, a dual completion in the Wolfcamp and Pennsylvanian formations located 1320 feet North of Sunray's State "F" Well No. 2, supports this belief.

Sunray's New Mexico State "F" Well No. 2 is circled in red on the attached plat and the lease on which the well is located is outlined in red. The Lane Wolfcamp Pool wells are outlined in yellow while the Lane Pennsylvanian Pool wells are outlined in green.

Each operator owning leases within the horizontal limits of either or both pools is listed in this application and has been furnished a copy of same together with the attached plat and diagrammatic sketch.

It is believed that the granting of this request will prevent waste, will protect correlative rights of all concerned and will serve the best interests of conservation. I hereby certify that the information contained in this application is true and complete to the best of my knowledge.

Yours very truly,

SUNRAY MID-CONTINENT OIL COMPANY



E. J. Pierce
District Engineer

EJP/mbh

Subscribed and sworn to before me, a Notary Public within and for the State of Texas, County of Midland, on this 25th day of September, 1957.

(SEAL)


M. B. Hudman

My Commission expires: 1st day of June, 1959

Attachment: Ownership Map
Diagrammatic Sketch

cc: Via Registered Mail

Lion Oil Company
Lion Building
El Dorado, Arkansas

Intex Oil Company
717 Meadows Building
Dallas, Texas

Humble Oil and Refining Company
P. O. Box 2347
Hobbs, New Mexico

Aztec Oil and Gas Company
P. O. Box 847
Hobbs, New Mexico

Sinclair Oil and Gas Company
P. O. Box 521
Tulsa, Oklahoma

Delhi-Taylor Oil Corporation
Oregon Tower Building
Dallas 1, Texas

J. E. Simmons
Lovington, New Mexico

Union of California
Union Oil Building
Midland, Texas

British American Oil Producing Co.
P. O. Box 749
Corrigan Tower Building
Dallas, Texas

Midstates Oil Corporation
7th Floor Midstates Building
Tulsa, Oklahoma

Honolulu Oil Corporation
204 West Illinois
Midland, Texas

The Texas Company
P. O. Box 1720
Ft. Worth, Texas

Cities Service Oil Company
Cities Service Building
Bartlesville, Oklahoma

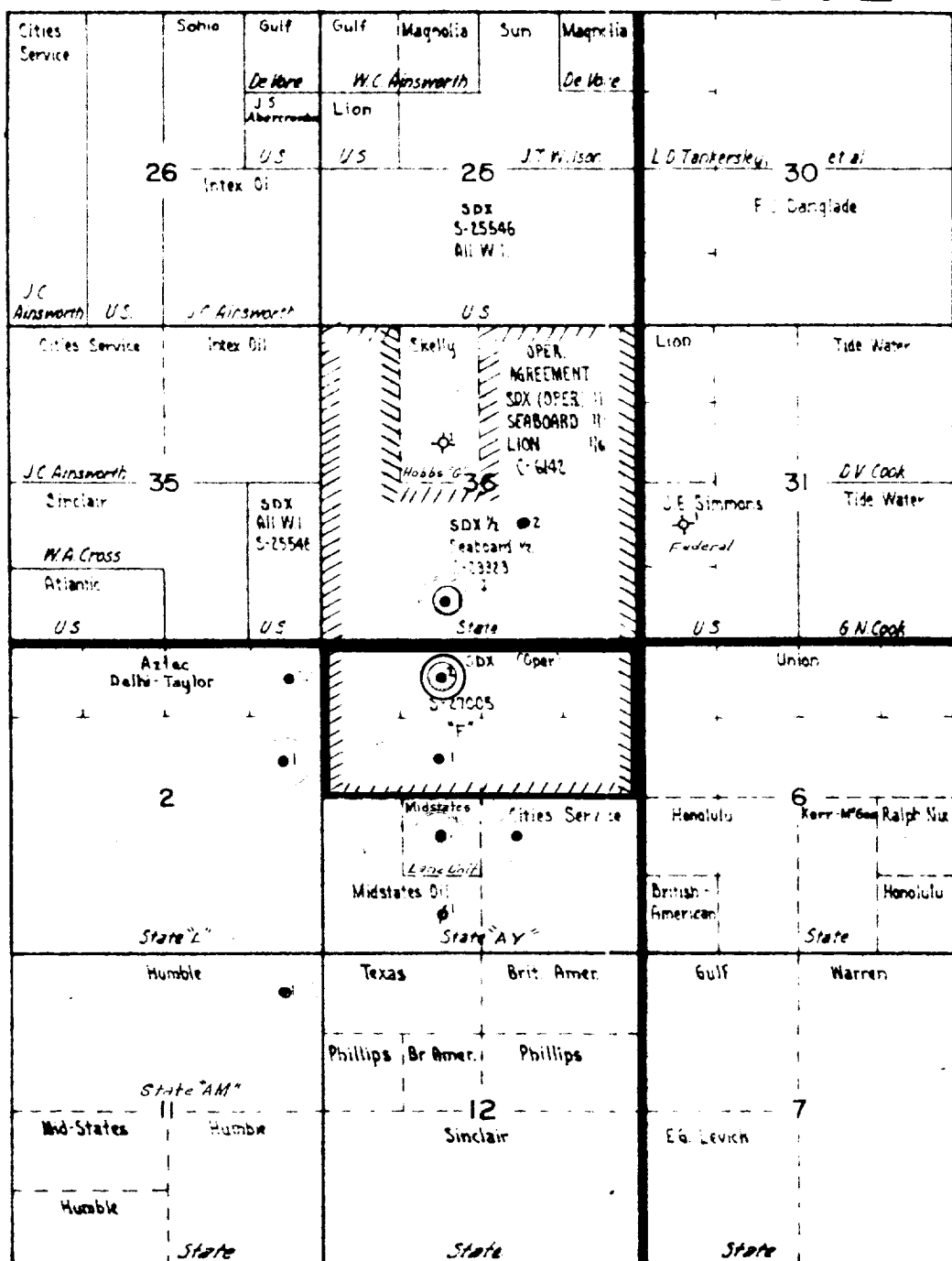
Skelly Oil Company
P. O. Box 1650
Tulsa, Oklahoma

Phillips Petroleum Company
Phillips Building
Bartlesville, Oklahoma

Seaboard Oil Company
1400 Continental Building
Dallas, Texas

R-33-E

R-34-E



• Wolf Camp Well
 ⊙ Cress Well

PRODUCING FORMATION		SUNRAY OIL CORPORATION		PRODUCING LEASES	
NAME	AVERAGE DEPTH	FIELD LANE (WOLFCAMP & PENNSYLVANIAN)		STATE "F"	STATE "I"
		DISTRICT: NEW TEXAS			
		COUNTY: LEA			
		SCALE			
		3000 1500 0 1500 3000 6000			
		FEET			