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SUNRAY MID-CONTINENT OIL COMPANY

P.O. BOX 2039

TULSA 2, OKLAHOMA

August 28, 1956

PRODUCTION DEPARTMENT

R. E. FOSB, VICE PRESIDENT
C. J. KERWIN, SUPERINTENDENT
PRODUCTION DIVISION

R. W. GRIFFITH, GENERAL MANAGER
GAS-GASOLINE DIVISION

DC-357
10/8/56
1956 OCT 8
J. DOUMA, MANAGER
ADJUTANT OPERATIONS DIVISION
M. S. PATTON, JR., MANAGER
ENGINEERING DIVISION

Oil Conservation Commission
State of New Mexico
125 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 "I" 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 "I" Well No. 2 in the Lane Wolfcamp and Lane Pennsylvanian Pools, Lea County, New Mexico. Since action by the Oil Conservation Commission is now pending in Case No. 1125, which includes an application for an order authorizing dual completion of wells in these pools, and because of the waiting period for granting administrative approval which is usually required by the Commission, Sunray Mid-Continent Oil Company respectfully submits this application and requests that the Oil Conservation Commission act upon this matter, if and at such time as an order is issued permitting administrative approval of dual completion of wells in these pools.

In this respect Sunray alleges and states:

(1). Sunray Mid-Continent Oil Company is the operator of the New Mexico State "I" Well No. 2 located 1980 feet from the East line and 1980 feet from the South line of Section thirty-six (36), Township nine (9) South, Range thirty-three (33) East, Lea County, New Mexico.

(2). This well is presently being drilled. The proposed total depth will be at approximately 10,000 feet.

(3). 13 3/8" OD casing is set at 336 feet and cemented with 350 sacks of cement.

(4). 9 5/8" OD casing is set at 3999 feet and cemented with 1700 sacks of cement.

(5). It is proposed to set 7" OD casing at approximately 10,000 feet in order to test the Strawn formation. Sufficient cement will be used to place the cement behind the pipe to at least 500 feet above the top of the Wolfcamp formation. A temperature survey will be run to establish the top of the cement. A cement plug will be set at approximately 9850 feet before the well is dually completed.

(6). The Wolfcamp formation will produce through perforations at approximately 9660 feet through 2 3/8" OD EUE tubing.

(7). The Pennsylvanian formation will produce through perforations at approximately 9785 to 9811 feet. 2 3/8" OD EUE tubing will be set on a Baker Model D

D-X SUNRAY OIL COMPANY IS A WHOLLY-OWNED REFINING & MARKETING SUBSIDIARY

Production Packer which will be set at approximately 9750 feet between the two formations.

Sunray believes that the manner and method of this proposed dual completion as shown on the attached diagrammatic sketch is mechanically feasible and practical.

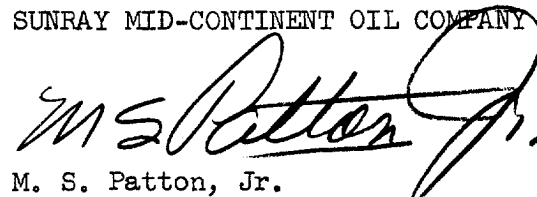
Sunray's New Mexico State "I" Well No. 2 is circled in red on the attached plat and the lease on which the well is located is outlined in red. The area outlined in green is that area which was the subject of a hearing for 80-acre spacing and dual completion for the Wolfcamp and Pennsylvanian formations in Case No. 1125, which hearing was held before the Commission on August 15, 1956.

Each operator listed in this application has been furnished a copy of this application together with the attached plat and diagrammatic sketch.

It is believed 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,

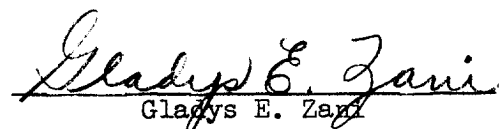
SUNRAY MID-CONTINENT OIL COMPANY



M. S. Patton, Jr.
Manager, Engineering Division

BHE:JWS:at

Subscribed and sworn to before me, a Notary Public within and for the State of Oklahoma, County of Tulsa, on this 28th day of August, 1956.


Gladys E. Zani

My Commission expires: 25th day of February 1957

Attachment: Ownership Map
Diagrammatic Sketch

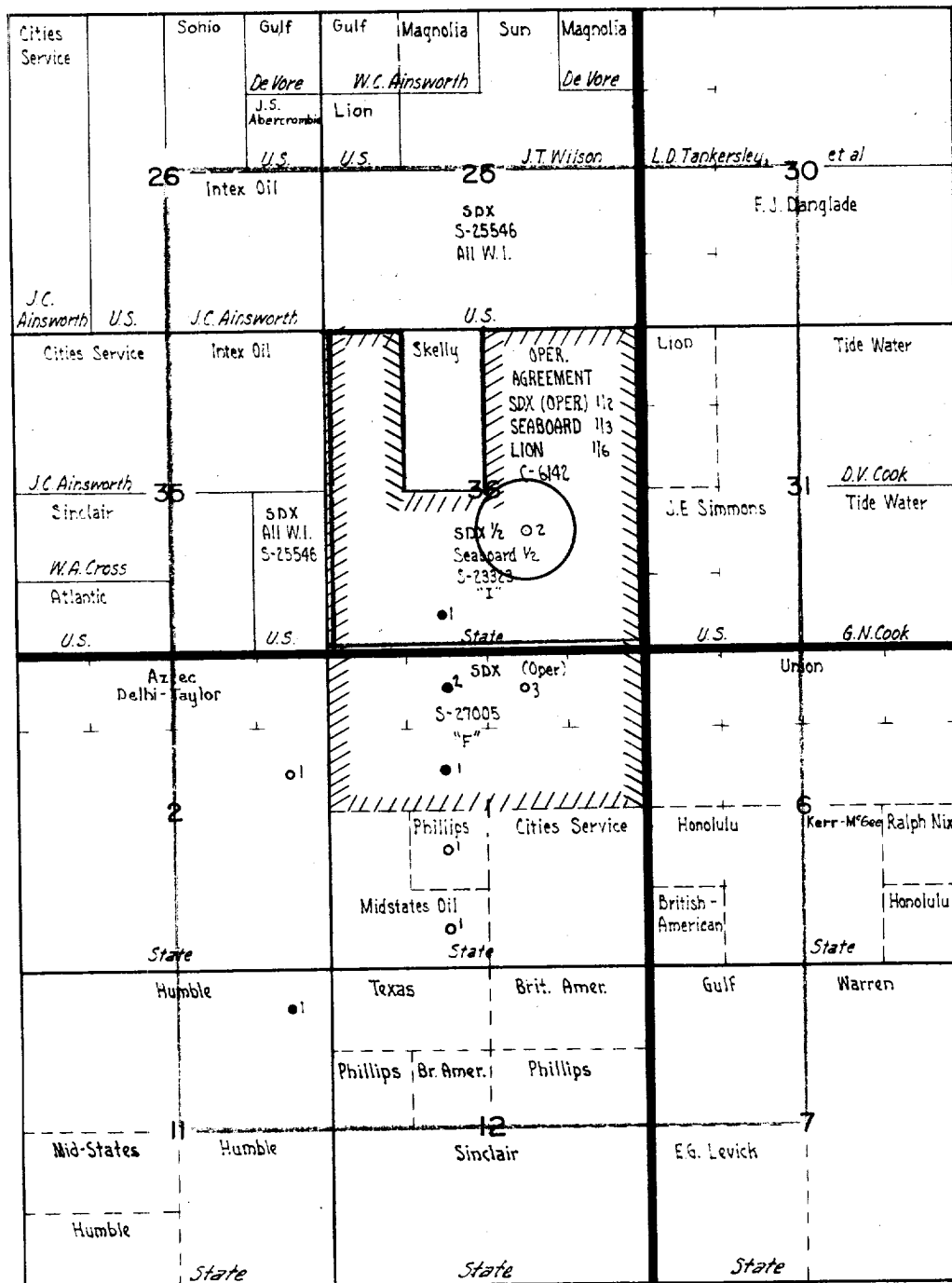
cc: Via Registered Mail

Lion Oil Company
Lion Building
El Dorado, Arkansas

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

R-33-E

R-34-E



TOWNS

TOWNS

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

SUNRAY MID-CONTINENT OIL CO.
PROPOSED DUAL COMPLETION
 WOLFCAMP AND PENNSYLVANIAN ZONES
 LEA COUNTY, NEW MEXICO
 NEW MEXICO STATE "I" NO. 2
 WOLFCAMP AND PENNSYLVANIAN ZONES FLOWING

