

APPLICATION OF SOUTHERN CALIFORNIA PETROLEUM CORP. FOR AUTHORIZATION TO ESTABLISH AND OPERATE A PILOT GAS INJECTION PROJECT INVOLVING THE SEVEN RIVERS FORMATION OF THE LANGLIE MATTIX AND COOPER JAL OIL POOLS IN THE SECTIONS 24 AND 25 TOWNSHIP 24 SOUTH, RANGE 36 EAST, N.M.P.M.

By this application Southern California Petroleum Corporation respectfully requests the Oil Conservation Commission to set a date for hearing to consider this request for authorization to operate a pilot gas injection project and for consideration therefor states:

That Southern California Petroleum Corporation is the operator of oil and gas producing properties described as follows:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, N.M.P.M.
 $SW\frac{1}{4}NE\frac{1}{4}$, $E\frac{1}{2}NE\frac{1}{4}$, $E\frac{1}{2}SW\frac{1}{4}$, $W\frac{1}{2}SE\frac{1}{4}$, $E\frac{1}{2}SE\frac{1}{4}$ of Section 24
 $N\frac{1}{2}$ of Section 25

Which may be described by leases as follows:

S. W. Harrison Lease	$NW\frac{1}{4}$ Section 25,
Van Zandt Lease	$NE\frac{1}{4}$ Section 25
A. E. Thomas Lease	$E\frac{1}{2}SW\frac{1}{4}$ and $W\frac{1}{2}SE\frac{1}{4}$ Section 24
Phillips Federal Lease	$E\frac{1}{2}SE\frac{1}{4}$ Section 24
Maggie Dunn Lease	$SW\frac{1}{4}NE\frac{1}{4}$ and $E\frac{1}{2}NE\frac{1}{4}$ Section 24

That the above described area is within the horizontal limits of the Cooper Jal and Langlie Mattix oil pools heretofore delineated by Order R-640.

That a plat is hereto attached showing the acreage involved, offset ownership and wells located thereon.

That because of rapid production decline and bottom hole pressure drop it is proposed to install a compressor on the A. E. Thomas lease and to start injection of gas into the Seven Rivers formation within the vertical limits of the Langlie Mattix Oil Pool through well No. 5, and at a later date to extend the injection to the S. W. Harrison lease well No. 5 completed within the vertical limits of the Cooper Jal Oil Pool.

That the A. E. Thomas well No. 5 is producing from the horizontal and vertical limits of the Langlie Mattix oil pool as heretofore delineated and described by Order R-640.

That the S. W. Harrison well No. 5 is producing from the horizontal and vertical limits of the Cooper Jal oil pool as heretofore delineated and described by Order R-640.

That it is proposed to extend the gas injection to other leases and wells in the area described above if found to be practical by the above initial injection procedures.

That it is proposed to use principally the gas produced from the Seven Rivers formation for injection but, if necessary, to also use make-up gas produced from the Yates formation.

CASE NO. 959 Cont'd.

That it is requested that the allowable from an injection well may be transferred to another well on the same lease producing from the Cooper Jal and Langlie Mattix Oil Pools.

That by reason of gas being injected into this reservoir it is proposed that a net GOR rule be put into effect for wells producing from subject reservoirs at such time as gas-oil ratios exceed the 10,000 to 1 limit set for these pools.

That the granting of this application will not affect adversely the correlative rights of offset owners and will not cause waste but will in all probability increase recovery of hydrocarbons from this reservoir.

That all offset operators as listed below have been notified of this proposal by copy of this application by registered mail.

Todd Aaron
1901 W. Michigan St.
Midland, Texas

John M. Kelly
Box 5671
Roswell, New Mexico

Amerada Petroleum Corp.
Drawer D.
Monument, New Mexico

Magnolia Petroleum Co.
Box 633
Midland, Texas

Carper Drilling Co.
200 Carper Bldg.
Artesia, New Mexico

R. Olsen Personal
Box 2
Jal, New Mexico

Gulf Oil Corp.
Box 1667
Hobbs, New Mexico

R. Olsen Oil Co.
2811 Liberty Bank Bldg.
Oklahoma City, Oklahoma

Haynes & V. T. Drilling Co.
1725 N. Grant
Odessa, Texas

The Texas Co.
Box 1270
Midland, Texas Attn: Vernon Dullnig

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

Western Natural Gas Co.
823 Midland Tower Bldg.
Midland, Texas

SOUTHERN CALIFORNIA PET. CORP.
/s/ J. A. Warren
District Engineer

NOTE: The above mentioned Plat is on file in the OCC office in Santa Fe, N.M.

New Mexico Oil & Gas Engr. Committee
P. O. Box 127
Hobbs, New Mexico
August 30, 1955

116 957

SOUTHERN CALIFORNIA PETROLEUM CORP
P. O. BOX 1071, MIDLAND, TEXAS
AUGUST 23, 1955

APPLICATION OF SOUTHERN CALIFORNIA PETROLEUM
CORP. FOR AUTHORIZATION TO ESTABLISH AND OPERATE
A PILOT GAS INJECTION PROJECT INVOLVING THE
SEVEN RIVERS FORMATION OF THE LANGLIE MATTIX
AND COOPER-JAL OIL POOLS IN SECTIONS 24 AND 25
TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM.

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well No 5 completed within the vertical limits of the Cooper-Jal oil
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and described by Order R-640.

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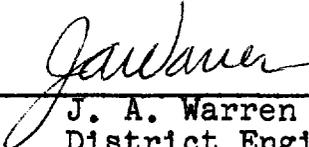
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SOUTHERN CALIFORNIA PET CORP

By 

J. A. Warren
District Engineer