

# SINCLAIR OIL & GAS COMPANY

SINCLAIR OIL BUILDING

TULSA, OKLAHOMA

JOHN N. JOHNSON  
VICE-PRESIDENT

August 2, 1954.

RE: Superior Oil Company's Application  
for Dual Completion of its State #1-12,  
Section 12-21S-35E.,  
Lea County, New Mexico

Oil Conservation Commission  
State of New Mexico  
Santa Fe, New Mexico

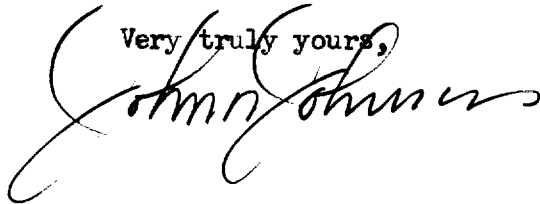
Gentlemen:

We are advised that Superior Oil Company has made Application to Dually Complete its State #1-12 well located 990' from the West line and 1980' from the South line of Section 12-21S-35E., Lea County, New Mexico, and is requesting an unorthodox gas proration unit to consist of the following 160 acres:

West Half of the Southwest Quarter (W/2 SW/4)  
of Section 12 and the East Half of the South-  
east Quarter (E/2 SE/4) of Section 11, all in  
Township 21-South, Range 35-East, Jalco Gas  
Pool, Lea County, New Mexico.

Sinclair Oil & Gas Company, as a lease owner in the immediate area, waives any objection to the dual completion, but we are not in favor of assigning the eighty (80) acres in Section 11, since this will set a precedent which would nullify the working efforts of all operators to form proration units within the legal sections.

Very truly yours,



CEW:CMF

J. M. HERVEY 1874-1953

HIRAM M. DOW  
CLARENCE E. HINKLE  
W. E. BONDURANT, JR.  
GEORGE H. HUNKER, JR.

WILLIAM C. SCHAUER  
HOWARD C. BRATTON  
S. B. CHRISTY IV

LAW OFFICES  
~~MAH~~ HERVEY, DOW & HINKLE  
FIRST NATIONAL BANK BUILDING  
ROSWELL, NEW MEXICO

103 SEP 14 AM 9:04

September 14, 1954

TELEPHONE 2160  
L. D. 3

Mr. W. B. Macey  
Executive Secretary  
New Mexico Oil Conservation Commission  
Santa Fe, New Mexico

Dear Mr. Macey:

We enclose herewith Motion and Order for Dismissal of Case No. 754 on the Conservation Commission docket, being the application of Superior Oil Company for approval of a non-standard gas proration unit in the Jalco Gas Pool.

The Superior will present an application to be approved administratively under Section 5(b) of the special rules covering the Jalco Gas Pool.

Yours very truly,

HERVEY, DOW & HINKLE

By Clarence E. Hinkle  
mp

CEH:mp

Encl.

cc - Mr. Don Prescott  
Superior Oil Company  
Midland, Texas

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

October 11, 1954

Mr. Clarence Hinkle  
Hervey, Dow and Hinkle  
First National Bank Bldg.  
ROSWELL, NEW MEXICO

Dear Mr. Hinkle:

We attach copies of dismissal orders signed by the Commission, as follows:

Order R-530 in Case 661 (Great Western Producers, Inc.)

Order R-531 in Case 754 (Superior Oil Company)

You will note that these were signed under date of September 16. We regret the delay in sending these to you, but the third signature had not been secured until this week on the original copy.

Very truly yours,

OIL CONSERVATION COMMISSION

By

WBM:nr

Encl.

MAIN OFFICE OGC

1954 JUL 23 AM 9:00

WAIVER

We, the undersigned waive objection to The Superior Oil Company's dual completion of Superior-State #1-12 well, located 990' FWL & 1980' FSL, Section 12, T-21-S, R-35-E, Lea County, New Mexico, from the Jalco Gas Zone and the Eunice Oil Zone, and application for unorthodox gas proration unit embracing 160 acres being; W/80 acres of SW/4 of Section 12, T-21-S, R-35-E and E/80 acres of S/2 of Section 11, T-21-S, R-35-E, Lea County, New Mexico.

Signed: J. W. Chumley  
Title: Petroleum Engineer  
For: American Republics Corp.  
Date: July 23, 1954

Wm

WAIVER

We, the undersigned waive objection to The Superior Oil Company's dual completion of Superior-State #1-12 well, located 990' FWL & 1980' FSL, Section 12, T-21-S, R-35-E, Lea County, New Mexico, from the Jalco Gas Zone and the Eunice Oil Zone, and application for unorthodox gas proration unit embracing 160 acres being; W/80 acres of SW/4 of Section 12, T-21-S, R-35-E and E/80 acres of S/2 of Section 11, T-21-S, R-35-E, Lea County, New Mexico.

Signed: LC Slagle  
Title: ~~Division Production Superintendent~~  
For: ~~SHELL OIL COMPANY~~  
Date: JULY 20, 1954

MAIN OFFICE OCC

1954 AUG 2 AM 8:29

WAIVER

We, the undersigned waive objection to The Superior Oil Company's dual completion of Superior-State #1-12 well, located 990' FWL & 1980' FSL, Section 12, T-21-S, R-35-E, Lea County, New Mexico, from the Jalco Gas Zone and the Eunice Oil Zone, and application for unorthodox gas proration unit embracing 160 acres being; W/80 acres of SW/4 of Section 12, T-21-S, R-35-E and E/80 acres of S/2 of Section 11, T-21-S, R-35-E, Lea County, New Mexico.

Signed:

E. L. Roberts

Title:

Production Manager

For:

Drilling and Exploration Co., Inc.

Date:

July 28, 1954

MAIN OFFICE OCC

1951 JUL 28 AM 9:00

WAIVER

We, the undersigned waive objection to The Superior Oil Company's dual completion of Superior-State #1-12 well, located 990' FWL & 1980' FSL, Section 12, T-21-S, R-35-E, Lea County, New Mexico, from the Jalco Gas Zone and the Eunice Oil Zone, and application for unorthodox gas proration unit embracing 160 acres being; W/80 acres of SW/4 of Section 12, T-21-S, R-35-E and E/80 acres of S/2 of Section 11, T-21-S, R-35-E, Lea County, New Mexico.

Signed: \_\_\_\_\_

Title: \_\_\_\_\_

For: \_\_\_\_\_

Date: \_\_\_\_\_

*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
7/28/54

DC-142  
+  
Case 754  
MAIN OFFICE  
THE SUPERIOR OIL COMPANY

MIDLAND, TEXAS

July 16, 1954

Oil Conservation Commission  
State of New Mexico  
Santa Fe, New Mexico

Re: Application by The Superior Oil Company  
to Dually Complete their State #1-12  
between the Eunice oil pay and the Jalco  
gas pay; and, also, approval of an Un-  
orthodox Gas Unit embracing 160 acres.

Gentlemen:

Please consider this letter our application for Commission approval of a dual gas-oil completion for The Superior Oil Company-State #1-12 well located 990' FWL & 1980' FSL, Section 12, T-21-S, R-35-E (Eunice Oil Pool & Jalco Gas Area) Lea County, New Mexico. Please also consider this as an application for approval of an Unorthodox Gas Unit embracing 160 acres being the W/80 acres of the SW/4 Section 12, T-21-S, R-35-E plus the E/80 acres of the S/2 Section 11, T-21-S, R-35-E.

The attached plat of adjacent leases and ownership shows Superior's lease to be State Lease #E-444 comprising 480 acres & covering the S/2 of Section 11, T-21-S, R-35-E plus the SW/4 Section 12, T-12-S, R-35-E. Charm Oil Company has farmed out from Superior the E/80 acres of the SW/4 Section 12, leaving Superior with the W/80 acres of the SW/4 Section 12. Superior State #1-12 is a recently completed oil well located 990' FWL & 1980' FSL, Section 12, T-21-S, R-35-E, in the Eunice Oil Pool producing thru perforations in 7" casing from 3961-72'. The Charm Oil Company has recently dually completed their Superior-State #1 located 1980' FS & WL, Section 12, T-21-S, R-35-E on the E/80 acres of the SW/4 Section 12, between the Eunice oil pay and the Jalco gas pay, dedicating 80 acres to the gas proration unit.

Superior's State #1-12 was officially completed July 13, 1954 in the Eunice oil pay. The total depth of the well is 4211' with 7", 20#, J-55, ST&C, R-2 casing cemented at 4211' with 300 sack regular cement. A temperature survey inside the 7" casing shows the top of cement outside the 7" casing to be at 2895'. Cement was cleaned out inside the 7" casing to 4175' PBTD and the 7" casing was perforated with 4 jet shots per foot from 3674-75' for a water-shut-off test which was successful. The 7" casing was then perforated with 8 jet shots per foot from 3961-72' and completed as an oil well in this interval (Eunice oil pay). While drilling the 7-Rivers section a one hour drill stem test was taken from 3660-72' with a resulting gas flow of 900 MCFPD, flowing bottom-hole pressure from 275-350 psi, and a 30 minute SIBHP of 1125 psi. The electric log on The Superior-State #1-12 indicates the gas pay (Jalco gas zone) to be from 3674-90'.



THE SUPERIOR OIL COMPANY

Oil Conservation Commission

Page #2

If approval of this application is obtained, applicant proposes to perforate the Jalco Gas Zone from 3674-90', set a casing packer at approximately 3800' in order to separate the oil and gas zones, and run an Otis seating nipple just above the packer so that either an Otis side-door choke or Otis straight-thru choke may be set by means of a wire line in the seating nipple. The side-door choke will permit swabbing the load oil from the annulus between the  $2\frac{1}{2}$ " EUE tubing and the 7" casing in order to unload the annulus and allow gas production from above the packer. Applicant will then pull the side-door choke from the tubing and run the straight-thru choke to dual complete the well so that gas from the Jalco gas zone flows up the annulus and oil from the Eunice oil zone flows up the tubing.

We are mailing copies of this application to all offset operators listed below with a request for waivers from them. We will mail the resulting waivers to you as soon as we receive them.

Yours very truly,

THE SUPERIOR OIL COMPANY,



J. E. Beakey,  
General Superintendent.

FHS-jj-1

ccs: New Mexico Oil & Gas Engineering Committee, Hobbs, New Mexico  
Amerada Petroleum Corporation, Midland, Texas  
Charm Oil Company, Artesia, New Mexico  
Shell Oil Company, Midland, Texas ————— OK  
Olin F. Featherstone, Denver, Colorado  
Drilling & Exploration Company, Inc., Midland, Texas — OK  
American Republics Corporation, Midland, Texas — OK  
W. S. Patterson, Roswell, New Mexico  
The Atlantic Refining Company, Midland, Texas  
Sinclair Oil & Gas Company, Midland, Texas  
Wilson Oil Company, Santa Fe, New Mexico ————— OK

# T21S