

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 17, 1974

Skelly Oil Company
P. O. Box 1351
Midland, Texas 79701

Attention: Mr. C. J. Love

Administrative Order NSL-641

Gentlemen:

Reference is made to your application for approval of unorthodox producing well locations for your Skelly Penrose "A" Unit Wells No. 63 to be located 1310 feet from the South line and 1310 feet from the West line of Section 3, Township 23 South; No. 64 to be located 1330 feet from the South line and 10 feet from the West line of Section 3, Township 23 South; No. 65 to be located 1330 feet from the South line and 1330 feet from the West line of Section 33, Township 22 South, and No. 66 to be located 1330 feet from the South line and 1330 feet from the East line of Section 4, Township 23 South, all in Range 37 East, NMPM, Langlie Mattix Pool, Lea County, New Mexico.

By authority granted me under the provisions of Order No. R-4515, the above-described unorthodox locations are hereby approved.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/dr

cc: Oil Conservation Commission - Hobbs
Oil & Gas Engineering Committee - Hobbs

C
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P
Y



NSL-641

4 wells page 2

R-4515

no writing

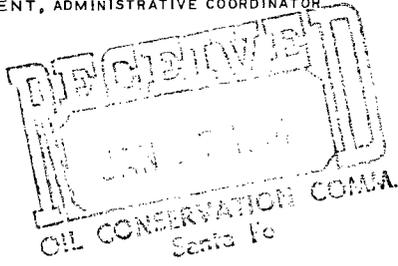
SKELLY OIL COMPANY

January 10, 1974

EXPLORATION & PRODUCTION DEPARTMENT
WEST CENTRAL DISTRICT

ADDRESS REPLY TO:
P. O. BOX 1351
MIDLAND, TEXAS 79701

A. B. CARY, EXPLORATION & PRODUCTION MANAGER
V. E. BARTLETT, EXPLORATION MANAGER
C. J. LOVE, PRODUCTION MANAGER
J. R. AVENT, ADMINISTRATIVE COORDINATOR



File: Skelly Penrose "A" Unit Waterflood Project
Lease No. 00978
Langlie Mattix Pool
Lea County, New Mexico

Re: Application for Administrative
Approval of Unorthodox Locations
for four (4) Infill Producing Wells.

New Mexico Oil Conservation Commission (3)
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Secretary-Director

Gentlemen:

Skelly Oil Company respectfully requests administrative approval of unorthodox locations for four (4) infill producing wells within the Penrose "A" Unit Waterflood Project area in the Langlie Mattix Pool, Lea County, New Mexico. This project was authorized by Order No. R-3208 dated March 17, 1967, and amended by Order No. R-4515 dated May 17, 1973.

The subject waterflood project is governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations; PROVIDED, HOWEVER, that the Secretary-Director may approve such additional producing wells and injection wells at orthodox and unorthodox locations within the Penrose "A" Unit Waterflood Project area as may be necessary to complete an efficient production and injection pattern, provided said wells are drilled no closer than 330 feet to the outer boundary of the subject unit boundary nor closer than 10 feet to any inner boundary.

The Skelly Penrose "A" Unit became effective May 1, 1967, and full scale flood into 26 wells was underway by October 1967. Wells No. 13 and 61 were subsequently converted to injection to complete the presently existing injection pattern with twenty-eight (28) injection wells. Well No. 62 was recompleted in the Penrose Sand interval in June 1973 as a

Skelly Penrose "A" Unit Waterflood Project

Page No. 2

January 10, 1974

producer in an unorthodox location. Latest production test indicates a rate of 83 BOPD and 40 BWPD. This confirms that the unorthodox location did provide a more efficient producing pattern.

Skelly Oil Company requests administrative approval of unorthodox locations for four (4) infill producing at the following locations:

Well No. 63 - 1,310' FWL & 1,310' FSL, Section 3, T23S, R37E
Well No. 64 - 10' FWL & 1,330' FSL, Section 3, T23S, R37E
Well No. 65 - 1,330' FWL & 1,330' FSL, Section 33, T22S, R37E
Well No. 66 - 1,330' FEL & 1,330' FSL, Section 4, T23S, R37E

A plat is attached showing the location of all wells in Skelly Penrose "A" Unit Waterflood Project and indicating the location of these proposed additional producing wells.

Completion of producing wells at the proposed unorthodox locations will provide a more efficient production and injection pattern and assist in maintaining and improving the production efficiency and capacity production of the unit area.

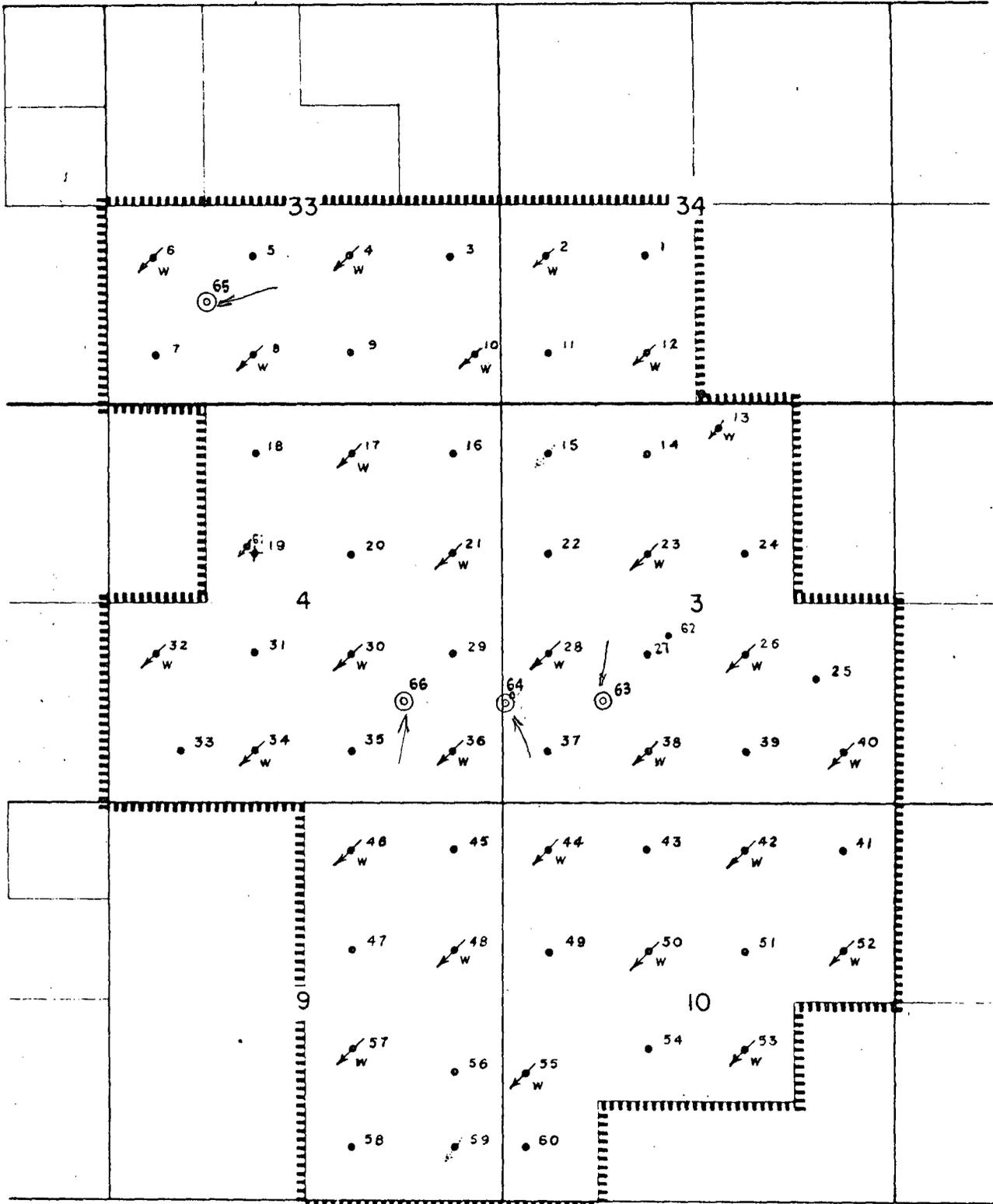
Yours very truly,


for: C. J. Love
District Production Manager

OVS/rc
Attach.

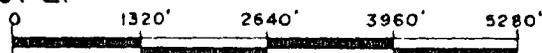
R. 37 E.

T. 22 S. T. 22 S.



T. 23 S. T. 23 S.

R. 37 E.



SCALE

SKELLY PENROSE "A" UNIT
LEA COUNTY, NEW MEXICO

© Proposed Well