

Union Oil Company of California

NEW MEXICO AND TEXAS

NOV 1 PM 1 25

due Nov 20

October 31, 1960

PC (waiters) 22

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Union Oil Company of California requests administrative approval of an exception to Rule 303 to commingle production from the Anderson Ranch (Wolfcamp) Pool and an Undesignated (Devonian) Pool on the State "A" lease, Number E-8974, Lea County, New Mexico. Information pertinent to the commingling of this production follows:

1. Lease Description: 320 acres being; SW/4 of the SW/4, NW/4 of the SE/4, NW/4 of the NE/4 Section 33, and SE/4 of the SW/4, N/2 and SE/4 of the SE/4, NW/4 of the NW/4 Section 28, all in Township 15 South, Range 32 East. The working interest and the royalty interest are uniform under this lease.

2. Production To Be Commingled:

Pools:	Anderson Ranch (Wolfcamp)	Undesignated (Devonian)
Allowable (Nov.):	129 BOPD	272 BOPD
Gravity at 60 F :	36°	52°
Value per barrel:	\$ 2.93	\$ 2.73
Value per day:	\$377.97	\$742.56

Total Commingled	
Production (Nov.):	401 BOPD
Estimated Gravity of	
Commingled Production	
at 60 F:	46.8°
Value per barrel:	\$ 2.97
Value per day:	\$1,190.97

Prices based on intermediate crude posting of \$3.01 per barrel offered by purchasers in the Field.

3. Producing Wells: State "A" 1-33 is located 330 feet from the south and west lines, Section 33, T-15-S, R-32-E, Lea County, New Mexico. This well has developed commercial production

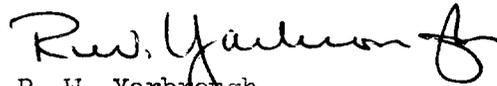
October 31, 1960

from the Anderson Ranch (Wolfcamp) Field and an Undesignated (Devonian) Pool. Dual completion of this well is planned. An extension to the Anderson Ranch (Devonian) Field will be requested. A map showing the lease and well locations is enclosed.

4. Lease Storage: Storage will consist of ~~four~~ 500 barrel tanks. A metering separator will be installed on production from each pool from each well. A schematic drawing of the installation is enclosed. Custody transfer is planned should the lease be connected to Gulf Refining Company's pipe line system as requested.

Very truly yours

UNION OIL COMPANY OF CALIFORNIA



R. W. Yarbrough
Drilling Supt.

RWY:bt
Encl:

CC: State Land Office
Santa Fe, New Mexico (2)

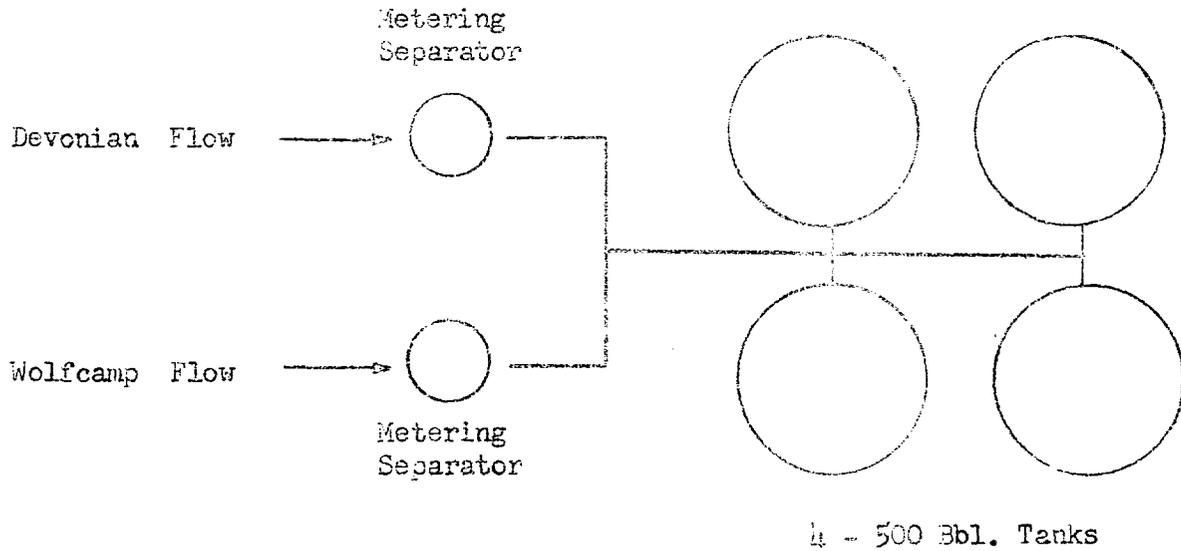
New Mexico Oil Conservation Commission
Hobbs, New Mexico
Attn: Mr. Joe D. Ramey (2)

SCHEMATIC OF TANK INSTALLATION

Union Oil Company Of California - State "A" Well No. 1-33

Located 330' FS&WL of Sec. 33, T-15-S, R-32-E
Lea County, New Mexico

Lease Storage and Metering Facilities



Refer Reply To:
Oil & Gas Royalty Division

November 15, 1960

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Union Oil Company of California
P. O. Box 7600
Los Angeles 54, California

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Gentlemen:

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Permission is hereby granted to you to commingle production from the Anderson Ranch (Wolfcamp) Pool and an Undesignated (Devonian) Pool on the State "A", lease E-8974, covering 320 acres, SW/4 of the SW/4, NW/4 of the SE/4, NW/4 of the NE/4 Section 33, and SE/4 of the SW/4, N/2 and SE/4 of the SE/4 NW/4 of the NW/4 Section 28, T-15S R-32E, Lea County, State of New Mexico.

Y

All of this acreage is committed to one beneficiary, that being Common Schools.

Sincerely yours,

MURRAY E. MORGAN,
Commissioner of Public Lands
BY:

Ted Bilberry, Supervisor
Oil & Gas Royalty Division

TB:ML

cc: Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

MAIL OFFICE 800
OIL CONSERVATION COMMISSION

NOV 10 1960 AM 10 55 BOX 2045

HOBBS, NEW MEXICO

DATE Nov. 10, 1960

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

Re: Proposed NSP _____

Proposed NSL _____

Proposed NFO _____

Proposed DC _____

PC 22

Gentlemen:

I have examined the application dated _____
for the Union Oil Co. of Calif. State "A" lease Anderson Ranch Wc. & Dev.
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

O.K.—E.F.E.

O.K.—J.W.R.

Yours very truly,

OIL CONSERVATION COMMISSION



THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYS 440

LECTURE 1

STATISTICAL MECHANICS

LECTURER: [Name]

DATE: [Date]

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1. Introduction to Statistical Mechanics

2. The Microcanonical Ensemble

3. The Canonical Ensemble

4. The Grand Canonical Ensemble

5. Summary

6. References

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

DATE Nov. 23, 1960

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

Re: Proposed NSP _____

Proposed NSL _____

Proposed NFC _____

Proposed DC _____

PC 23

Gentlemen:

I have examined the application dated _____
for the Union Oil Co. of Calif. State "A" lease 28 & 33-5-32
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

PC-22 which has been approved by this office is identical to this one--mc

Yours very truly,

OIL CONSERVATION COMMISSION



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