

P. O. Box 249
Hobbs, New Mexico 88240



December 29, 1966

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter

Re: Well No. 915, Unit K, Section 2
Township 20 South, Range 37 East
East Eumont Unit, Eumont Pool
Lea County, New Mexico

Gentlemen:

Tidewater Oil Company respectfully requests administrative approval to inject water in its East Eumont Unit Well No. 915, for the purpose of water flooding in the Yates, Seven Rivers and Queen formations of the Eumont Pool, in accordance with Rule 701-E of the New Mexico Oil Conservation Commission Rules and Regulations.

In support of this application, Tidewater wishes to state the following:

1. Tidewater Oil Company is operator of the East Eumont Unit waterflood project which was approved by the NMOCC on May 4, 1965 by Order No. R-2901. This order approved 69 injection wells.
2. Tidewater's EEU #915, formerly Cities Service Oil Company's State "AR" Well No. 1, came into the East Eumont Unit on January 1, 1966.
3. Tidewater's EEU #915 is on pattern of the injection system of the EEU water flood project. The addition of this injection well to the EEU will result in a more thorough and efficient sweep in the immediate area.
4. Attached is a plat showing the location of the proposed injection well and the entire East Eumont Unit.
5. Attached is a diagrammatic sketch of the proposed injection well showing all pertinent data.
6. Tidewater proposes to inject water into the Queen formation. Perforations in Well No. 915 are at 3746' to 3812'. Derrick floor elevation is 3613'.

12/29/66

7. Source water will be from the EEU water Well No. 1 producing salt water from the San Andres formation. This supply well has been approved by the State Engineer.

8. A copy of this application with all attachments has been sent to the State Engineer's Office in Santa Fe.

Very truly yours,

TIDEWATER OIL COMPANY

C. L. Wade

C. L. Wade

Area Superintendent

WCS/ep

Attachment

cc: State Engineer's Office
Capital Building
Santa Fe, New Mexico

W. M. (Billy) Walker
129 S. Grimes
Hobbs, New Mexico

Mr. R. H. Coe
Tidewater Oil Co.
Midland, Texas

Cities Service Oil Co.
P. O. Box 69
Hobbs, New Mexico

Gulf Oil Corporation
P. O. Box 1938
Roswell, New Mexico

TIDEWATER OIL COMPANY
 East Eumont Unit # 915
 1980 FSL & 1980 FWL
 Sec. 2, T20S, R37E,
 Unit K, Lea Co., N.M.

Present

Proposed

8 $\frac{5}{8}$ " 24# J-55
 Set @ 1430'
 in 12 $\frac{1}{4}$ " hole
 Cemented
 w/730 sks.
 Calculates to
 circulate.

Top of Cement
 behind 5 $\frac{1}{2}$ "
 @ 940' (Calculated)

2 $\frac{3}{8}$ " EUE BR J-55
 Set @ 3798'

5 $\frac{1}{2}$ " 14# J-55
 Set @ 3522'
 in 7 $\frac{7}{8}$ " hole
 Cemented
 w/400 sks.
 Calculates
 back to 940'

Top of Liner @ 3494'
 Top of Cement
 behind Liner @ 3550'
 (Temp. Survey)

4 $\frac{1}{2}$ " 11.35# Hydril
 Liner Set @
 3820'. Top
 of Cement behind
 4 $\frac{1}{2}$ " @ 3550'
 w/75 sks.

Queen Perfs:
 3746-3812'

TD 3820'

2 $\frac{3}{8}$ " BR EUE
 J-55 Plastic
 Coated tubing
 Set @ approx.
 3700'

4 $\frac{1}{2}$ " Tension Pkr.
 set @ approx.
 3700'



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

**S. E. REYNOLDS
STATE ENGINEER**

January 18, 1967

ADDRESS CORRESPONDENCE TO:
STATE CAPITOL
SANTA FE, NEW MEXICO 87501

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Porter:

Reference is made to the application of Tidewater Oil Company which seeks administrative approval to inject water into their East Eumont Unit Well #915 for the purpose of waterflooding in the Yates, Seven Rivers and Queen formations.

This office offers no objection to the granting of this application, provided this well is completed as shown on the diagrammatic sketch attached to the application.

FEI/ma
cc-Tidewater Oil Co.
F. H. Hennighausen

Yours truly,

S. E. Reynolds
State Engineer

By: *Frank E. Irby*

Frank E. Irby
Chief
Water Rights Div.

OIL CONSERVATION COMMISSION
I DISTRICT

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE Jan. 10, 1967

Re: Proposed NSP _____
Proposed Triple _____
Proposed NSL _____
Proposed NFO _____
Proposed DC _____
WFX X

Gentlemen:

I have examined the application dated 1/6/67
for the Tidewater Oil Co. East Eumont Unit #915 2-20-37
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

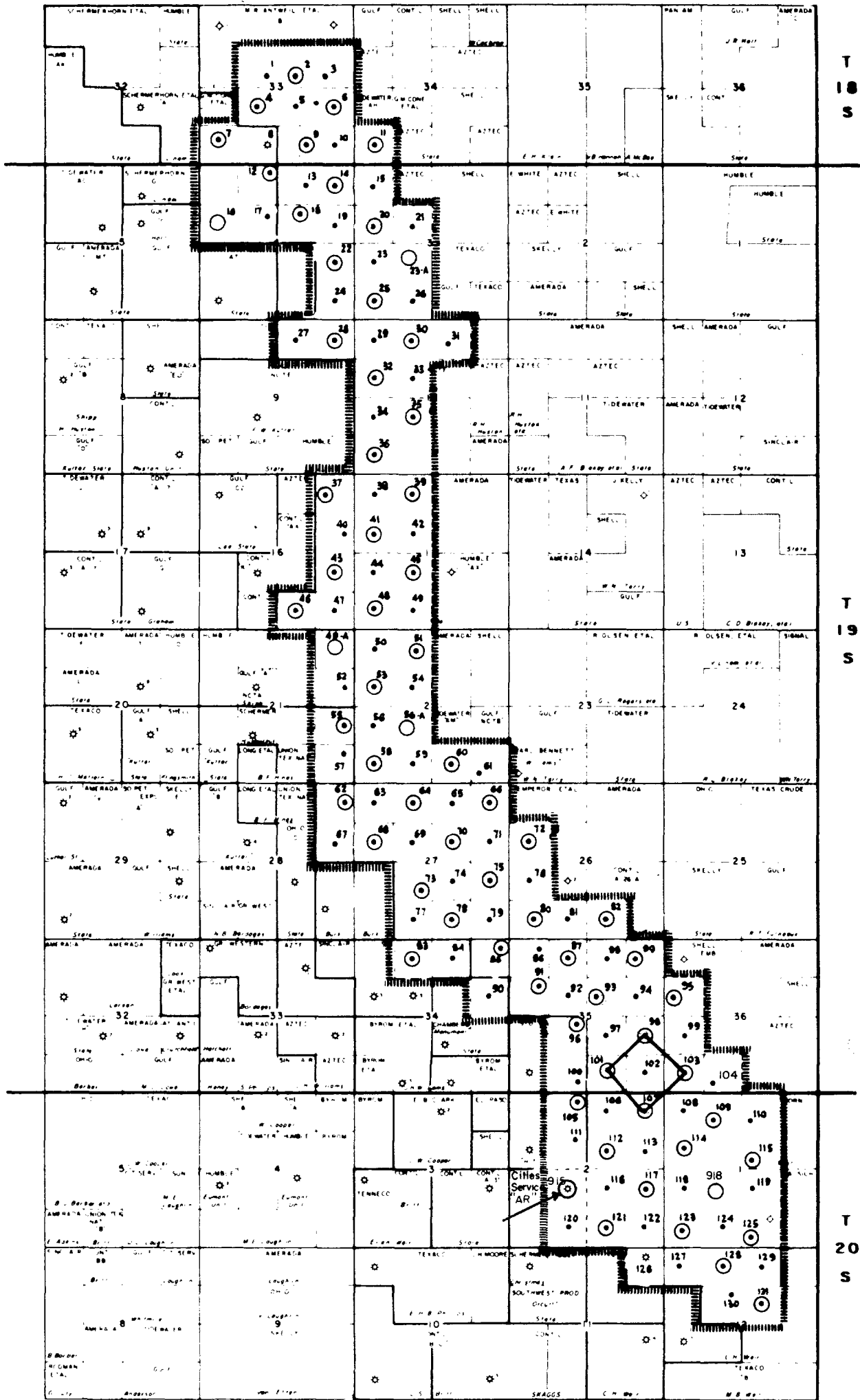
O.K.---E.F.E.
O.K.---J.W.R.

Yours very truly,



67 JAN 14 1967

R 37 E



LEGEND

UNIT AREA (hatched pattern)

- EUMONT OIL WELL
- * EUMONT GAS WELL
- ⊙ PROPOSED INJECTION WELL
- FUTURE INJECTION WELL TO BE DRILLED
- ◇ PILOT FLOOD AREA

MD - H - 24

EAST EUMONT UNIT
EUMONT POOL
LEA COUNTY, NEW MEXICO

UNIT WELL
DESIGNATION