



January 3, 1961

R. C. TUCKER, PRES.

PHONE MU 2-5241
ADDRESS REPLY TO:
BOX 1659
MIDLAND, TEXAS

Oil Conservation Commission,
Box 871,
Santa Fe, New Mexico

Re: Application for Administrative Approval
for Conversion of Unit Well 26-6 to Water
Injection, Rock Queen Unit, Lea and Chaves
Counties, New Mexico

Gentlemen:

As provided in the Oil Conservation Commission order R-1541, Great Western Drilling Company as operator of the Rock Queen Unit, requests Administrative Approval for conversion of Unit Well No. 26-6 to Water Injection. Well 26-6 is in the SE/4 of NW/4 of Sec. 26, T-13-S, R-31-E, Chaves County, New Mexico.

Well 26-5 in the Rock Queen Unit, is a direct offset to Well No. 26-6. Since December 30, well 26-5 has been stimulated by water injection. This well produced 2 barrels per day during November and early December. The test on January 1, 1961 was 40 barrels in 24 hours.

We respectfully submit that the ultimate recoverable oil from the Rock Queen Unit Reservoir will be decreased and that waste will occur due to an unbalanced condition in the pattern flooding system unless Well 26-6 is converted to a water injection well at this time.

Attached to this application are: The C-116 of Well 26-5, before and after stimulation; a plat of the area showing producing, water injection and proposed water injection wells; and the offset operators.

Waivers from the offset operators are being requested at this time.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

By O. H. Crews
O. H. Crews
Administrative Coordinator

OHC:TR



R-31-E

R-32-E

T-13-S

T-13-S

G.W.D. CO.

JOHN TRIGG

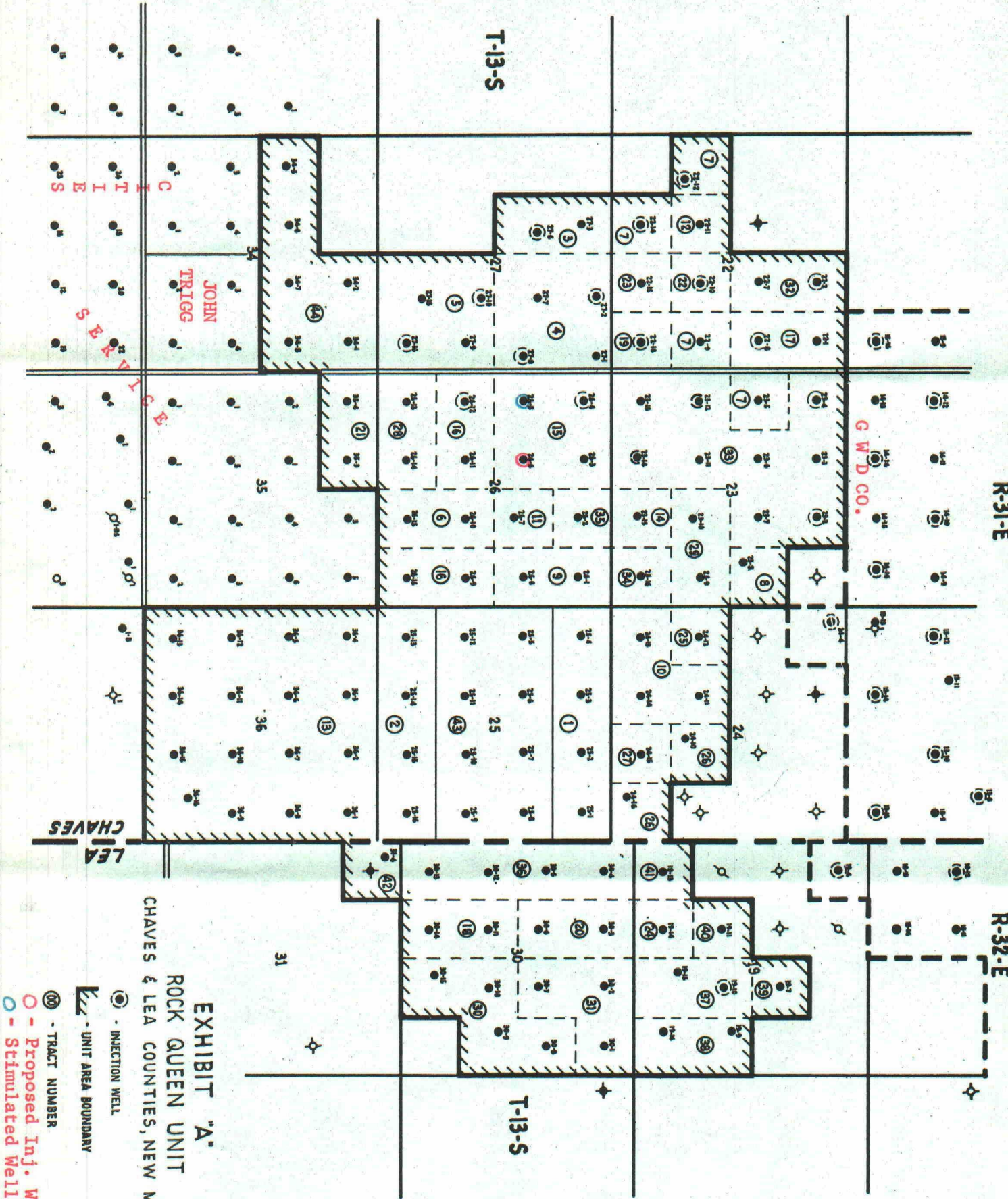
EXHIBIT "A"
ROCK QUEEN UNIT
CHAVES & LEA COUNTIES, NEW MEXICO

INJECTION WELL

UNIT AREA BOUNDARY

TRACT NUMBER

Proposed Inf. Well
Stimulated Well





R. C. TUCKER, PRES.

January 6, 1961

PHONE MU 2-5241
ADDRESS REPLY TO:
BOX 1659
MIDLAND, TEXAS

Oil Conservation Commission,
Box 871,
Santa Fe, New Mexico

Attn: Mr. J. E. Kapteina

Gentlemen:

Enclosed please find the required waivers on the requested expansion of the Rock Queen Unit in the Caprock Field, by the conversion of Well No. 26-6 to a water injection well.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

By *[Signature]*

OHC:TR





January 3, 1961

R. C. TUCKER, PRES.

PHONE MU 2-5241
ADDRESS REPLY TO:
BOX 1659
MIDLAND, TEXAS

Great Western Drilling Company,
Box 1659,
Midland, Texas

Gentlemen:

We have requested expansion of the Rock Queen Unit through administrative approval as set forth in Commission Order No. R-1541. A copy of our letter requesting this expansion is enclosed.

If you have no objection to the application, please signify by signing and returning one copy of this letter to this office.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

By *O. H. Lewis*

OHC:TR

We have no objection to the expansion of the Rock Queen Unit operations by reason of the conversion of the following well to a water injection well:

Unit Well No.

Location

26-6

SE/4 of NW/4 of Sec. 26, T-13-S, R-31-E

as requested in your application of January 3, 1961.

GREAT WESTERN DRILLING COMPANY

By *O. H. Lewis*

Date *Jan 5, 1961*



GREAT WESTERN DRILLING CO.
MIDLAND, TEXAS

RECEIVED
JAN 11 1960
MIDLAND TEXAS

January 3, 1960

John Trigg,
Box 5629,
Roswell, New Mexico

Dear Sir:

We have requested expansion of the Rock Queen Unit through administrative approval as set forth in Commission Order No. R-1541. A copy of our letter requesting this expansion is enclosed.

If you have no objection to the application, please signify by signing and returning one copy of this letter to this office.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

By Officer

OHC:TR

We have no objection to the expansion of the Rock Queen Unit operations by reason of the conversion of the following well to a water injection well.

Unit Well No.

Location

26-6

SE/4 of NW/4 of Sec. 26, T-13-S, R-31-E

as requested in your application of January 3, 1961.

JOHN TRIGG

By

Date

John H. Trigg
1-4-61



January 3, 1961

R. C. TUCKER, PRES.

PHONE MU 2-5241
ADDRESS REPLY TO:
BOX 1659
MIDLAND, TEXAS

Cities Service Oil Company,
Box 97,
Hobbs, New Mexico

Gentlemen:

We have requested expansion of the Rock Queen Unit through administrative approval as set forth in Commission Order No. R-1541. A copy of our letter requesting this expansion is enclosed.

If you have no objection to the application, please signify by signing and returning one copy of this letter to this office.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

By *[Signature]*

OHC:TR

We have no objection to the expansion of the Rock Queen Unit operations by reason of the conversion of the following well to a water injection well.

Unit Well No.

Location

26-6

SE/4 of NW/4 of Sec. 26, T-13-S, R-31-E

as requested in your application of January 3, 1961.

Cities Service Petroleum Company

~~XXXXXXXXXXXXXXXXXXXX~~

By *[Signature]*

Date 1/5/61

NOTE: Effective January 1, 1961, the name CITIES SERVICE OIL COMPANY was changed to CITIES SERVICE PETROLEUM COMPANY. Please correct your mailing list.





STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

ADDRESS CORRESPONDENCE TO:

P. O. BOX 1079
SANTA FE, N. M.

January 9, 1961

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

Dear Mr. Porter:

Reference is made to the application of Great Western Drilling Company dated January 3, 1961 which seeks administrative approval for the conversion of Unit Well 26-6 to water injection, Rock Queen Unit, Lea and Chaves Counties, New Mexico.

In view of the fact that injection will be through 2" tubing under a packer set at about 3000 feet, which in each case is well below the top of the cement behind the oil string, it is concluded that a threat of contamination to any fresh waters which may exist in the area is not likely to occur. Therefore, this office offers no objection to the granting of this application.

Very truly yours,

S. E. Reynolds
State Engineer

By: *Frank E. Irby*
Frank E. Irby
Chief
Water Rights Division

FEI/ma

cc-F. H. Hennighausen
Great Western Drilling Co.