

*cc-011-1166
7/27/56*

from gas-out

*DC-306 (amend)
due 8/1/56*

RECEIVED JUL 13 1956

*Case # 1136
sent copy of
document or
8/1/56*

Drawer D
Monument, New Mexico
July 13, 1956

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

Re: Amendment to Dual Completion
Application for Amerada
Cagle "C" No. 1, Langlie-
Mattix Pool

*to
C. B. ...
Hall ...
3/20/56*

Gentlemen:

By this letter of application Amerada Petroleum Corporation wishes to amend their original application dated May 25, 1956, to apply to a Gas-gas dual completion in the Jalmat and Langlie-Mattix Pools. Amerada further wishes to state the following:

- (A) That Amerada Petroleum Corporation Cagle "C" No. 1 is located 990 ft. from north and west lines of Section 3, Township 26 South, Range 37 East, Lea County, New Mexico. The well is located on a 480 acre lease being the E/2 and NW/4 of Section 3, Township 26 South, Range 37 East. The attached Exhibit "A" shows the location of this well together with the location of all offset wells.
- (B) That the subject well has 5½" casing set at 3314 ft. with 500 sacks of cement.
- (C) That the applicant dually completed the well in the following manner:
 - (1) Perforated the 5½" casing in the intervals 2680 ft. to 2735 ft.; 2748 ft. to 2830 ft.; 2838 ft. to 2860 ft., and 2885 ft. to 2940 ft. in the Yates and upper Seven Rivers, Jalmat Gas Pool.
 - (2) Perforated the 5½" casing in the intervals of 3165 ft. to 3195 ft. and 3230 ft. to 3250 ft. in the lower Seven Rivers ~~and Yates~~, Langlie-Mattix Pool.
 - (3) Set production type packer at 2990 ft. to separate the two zones.
 - (4) Produce the Langlie-Mattix gas through the tubing and the Jalmat gas through the tubing-casing annulus. The attached Exhibit "B" is a diagrammatic sketch of the dual completion.

* $\frac{1}{2} \int_{-\infty}^{\infty} \delta(x) dx = \frac{1}{2}$
 $\int_{-\infty}^{\infty} \delta(x) dx = 1$

$\int_{-\infty}^{\infty} \delta(x) dx = 1$
 $\int_{-\infty}^{\infty} \delta(x) dx = 1$

$\int_{-\infty}^{\infty} \delta(x) dx = 1$
 $\int_{-\infty}^{\infty} \delta(x) dx = 1$

$\int_{-\infty}^{\infty} \delta(x) dx = 1$
 $\int_{-\infty}^{\infty} \delta(x) dx = 1$

$\int_{-\infty}^{\infty} \delta(x) dx = 1$
 $\int_{-\infty}^{\infty} \delta(x) dx = 1$

- (D) That the granting of this application for permission to produce this well as a dual completion with gas from the Yates and Upper Seven Rivers, and gas from the lower Seven Rivers and Queen is in the interest of conservation and the protection of correlative rights.
- (E) That the applicant will comply with all the rules and regulations of the New Mexico Oil Conservation Commission to maintain separation of production from the two pay zones.
- (F) That the manner and method of the proposed dual completion is mechanically feasible and practical.
- (G) That by copy of this letter of application by registered mail all offset operators are notified of the proposed dual completion.

Therefore, Amerada Petroleum Corporation requests that the Oil Conservation Commission grant permission to the applicant to dually complete the subject well as proposed in the application.

Respectfully submitted,

AMERADA PETROLEUM CORPORATION

By D. C. Capps
 D. C. Capps
 District Superintendent

DCC/WGA/ljs

STATE OF NEW MEXICO |
 COUNTY OF Lea |

Before me, the undersigned authority, on this day personally appeared D. C. Capps, known to me to be the person whose name is subscribed to this instrument, who after being by me duly sworn on oath, states that he has knowledge of all the facts stated above and that the same is a true and correct statement of the facts therein recited

Subscribed and sworn to before me on this the 13th day of July, 1956.

My Commission Expires: August 23, 1959

[Signature]
 Notary Public in and for
 Lea County, New Mexico

(1) $\frac{1}{x^2} = x^{-2}$ $\Rightarrow \frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

(2) $\frac{1}{x^3} = x^{-3}$ $\Rightarrow \frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$

(3) $\frac{1}{x^4} = x^{-4}$ $\Rightarrow \frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$

(4) $\frac{1}{x^5} = x^{-5}$ $\Rightarrow \frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$

(5) $\frac{1}{x^6} = x^{-6}$ $\Rightarrow \frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$

(6) $\frac{1}{x^7} = x^{-7}$ $\Rightarrow \frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$

(7) $\frac{1}{x^8} = x^{-8}$ $\Rightarrow \frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$

(8) $\frac{1}{x^9} = x^{-9}$ $\Rightarrow \frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$

(9) $\frac{1}{x^{10}} = x^{-10}$ $\Rightarrow \frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$

(10) $\frac{1}{x^{11}} = x^{-11}$ $\Rightarrow \frac{d}{dx} x^{-11} = -11x^{-12} = -\frac{11}{x^{12}}$

(11) $\frac{1}{x^{12}} = x^{-12}$ $\Rightarrow \frac{d}{dx} x^{-12} = -12x^{-13} = -\frac{12}{x^{13}}$

(12) $\frac{1}{x^{13}} = x^{-13}$ $\Rightarrow \frac{d}{dx} x^{-13} = -13x^{-14} = -\frac{13}{x^{14}}$

(13) $\frac{1}{x^{14}} = x^{-14}$ $\Rightarrow \frac{d}{dx} x^{-14} = -14x^{-15} = -\frac{14}{x^{15}}$

Oil Conservation Commission

-3-

cc: El Paso Natural Gas Company
P. O. Box 1384
Jal, New Mexico

Stanolind Oil & Gas Company
P. O. Box 899
Roswell, New Mexico

Southern California Petroleum Corp.
P. O. Box 172
Midland, Texas

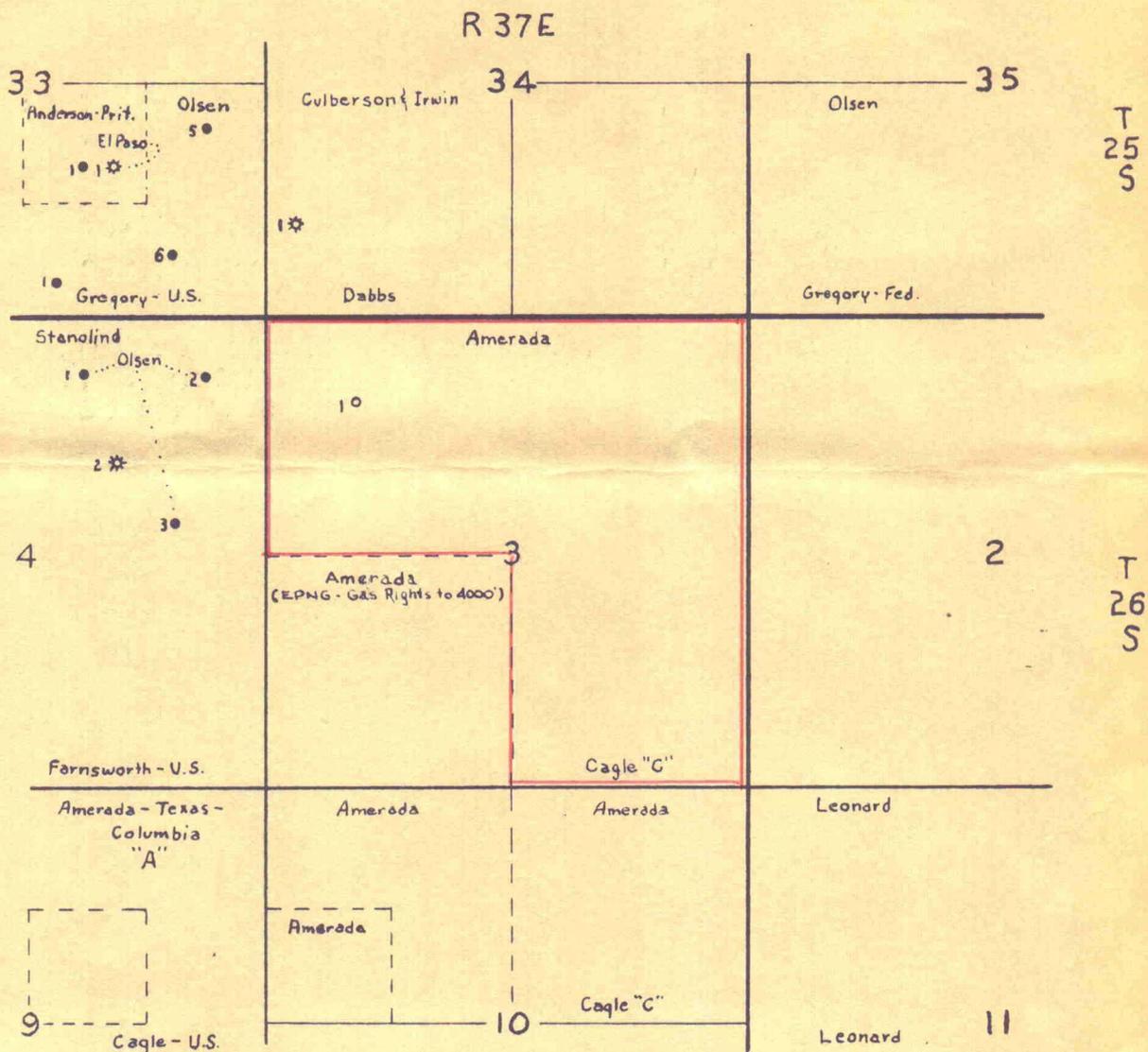
R. Olsen Oil Company
Drawer Z
Jal, New Mexico

The Texas Company
P. O. Box 1270
Midland, Texas

١- في قوله تعالى: "وَالَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ"
 ٢- في قوله تعالى: "وَالَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ"
 ٣- في قوله تعالى: "وَالَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ"

٤- في قوله تعالى: "وَالَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ"
 ٥- في قوله تعالى: "وَالَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ"
 ٦- في قوله تعالى: "وَالَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ"

٧- في قوله تعالى: "وَالَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ"
 ٨- في قوله تعالى: "وَالَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ"



Amerada Petroleum Corporation

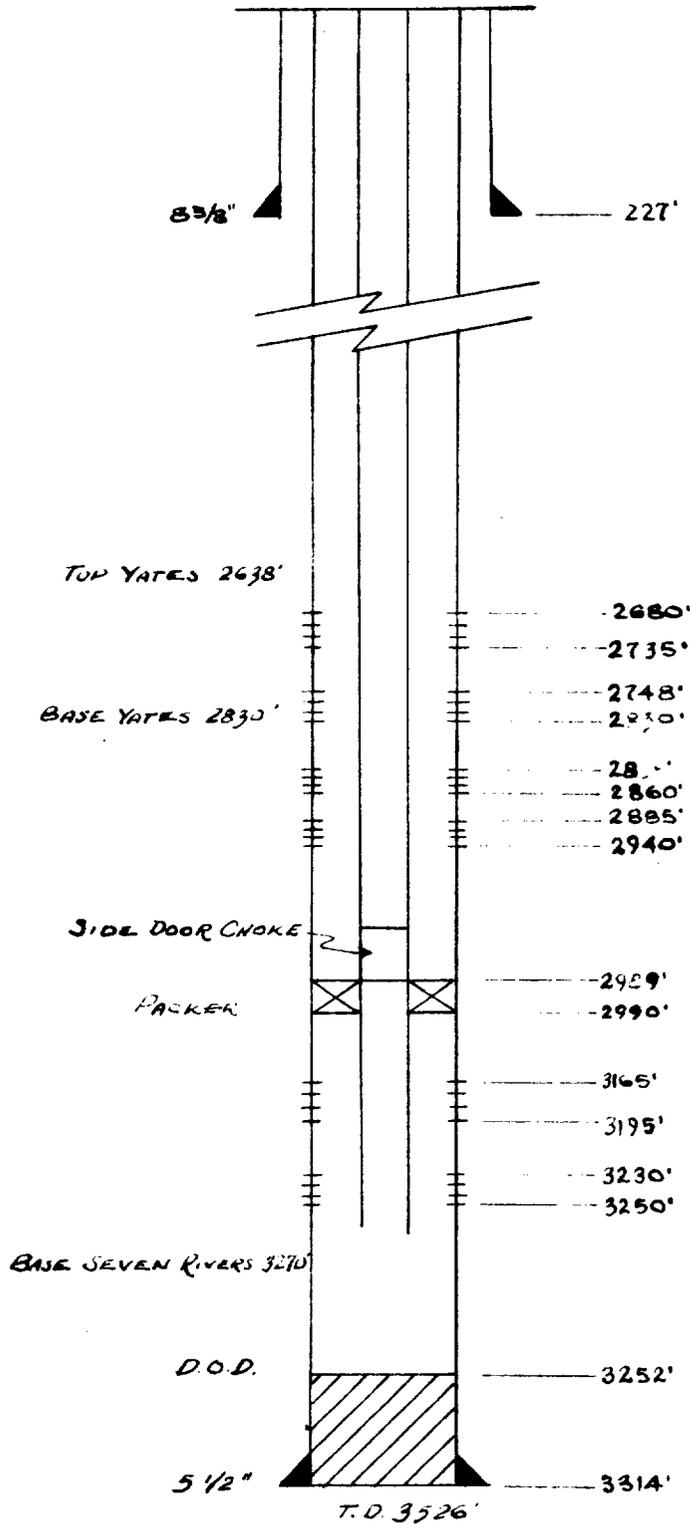
C. C. Cagle "C" No. 1

990' FN & WL

Section 3, T-26-S, R-37-E

480 Acres

Exhibit "A"



31

Amerada Petroleum Corporation

Proposed Dual Completion

C. C. Cagle "C" No. 1

Sec. 3, T-26-S, R-37-E

Exhibit "B"

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

DATE July 26, 1956

RECEIVED
MAIL ROOM
JUL 27 9:57
MAIL OFFICE OCC

MR. W. B. MACEY
OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

RE: PROPOSED ORDER NO. DC 306 (Amend)

Dear Mr. Macey:

I have examined the application for dual completion dated 7/13/56
for Amerada Pet. Corp. Cagle "C" #1 3-26-37
Operator Lease Name Well No. Unit S-T-R

and my recommendations are as follows:

- O.K.----C.R.
- O.K.---J.W.R.
- _____
- _____
- _____

Yours very truly,

OIL CONSERVATION COMMISSION

O. M. Ledy
Engineer-District 1

THE UNIVERSITY OF CHICAGO

1

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO

1

THE UNIVERSITY OF CHICAGO

1

1

1

GENERAL OFFICES
120 BROADWAY NEW YORK

Case 1136

MAIN OFFICE GOC

AMERADA PETROLEUM CORPORATION

DSN

BEACON BUILDING
P. O. BOX 2040
TULSA 2, OKLA.

ROBERT J. STANTON
GENERAL COUNSEL
JOHN S. MILLER
ASSISTANT GENERAL COUNSEL

LEGAL DEPARTMENT

H. D. BUSHNELL
HAROLD J. FISHER
JAMES C. McWILLIAMS
VIRGIL C. MORELLE
ARDEN E. ROSS
JOHN W. STEWART
ATTORNEYS

August 14, 1956

Oil Conservation Commission
State of New Mexico
125 Mabry Hall
Capitol Building
Santa Fe, New Mexico

Re: Case No. 1136,
Amerada's application to permit
dual completion of its C.C.Cagle
C-#1 Well located in NW/4 of
Section 3-26S-37E, Lea County,
New Mexico.

Gentlemen:

The applicant, Amerada Petroleum Corporation, requests
dismissal with prejudice of captioned Case No. 1136, which was set
on the Examiner's Hearing Docket 29-56 for hearing at Hobbs, New
Mexico on August 22, 1956.

A copy of this request for dismissal is being mailed
to the five off-set operators.

Very truly yours,

H. D. Bushnell
H. D. Bushnell.

HDB:FC

Air Mail

El Paso Natural Gas Company

El Paso, Texas

July 30, 1956

Examined by before 12/1/56

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

re: Amendment of Application of
Amerada Petroleum Corporation
to dually complete its Cagle "C"
No. 1 well in the NW/4 NW/4,
Section 3, Township 26 South,
Range 37 East, Lea County, N. M.

Case # 1136

Gentlemen:

El Paso Natural Gas Company, as an offset owner to captioned well, hereby objects to administrative approval of Amerada's amended application for dual completion of captioned well for the reason that both completion intervals proposed in that application are within the vertical limits of the Jalmat Gas Pool, and the separate assignment of allowable to each interval will result in a disproportionate withdrawal from the well to the prejudice of the correlative rights of offset owners.

Accordingly, El Paso requests administrative approval of subject application be denied and this matter be set down for hearing by the Commission upon due notice. Inasmuch as the question of what allowable should be assigned to captioned well was raised in Case No. 1093 and is now pending before the Commission, and inasmuch as such question is relevant to Amerada's amended application to dually complete captioned well, we further request the Commission issue no order in Case No. 1093, until subject application is heard by the Commission and the records in both cases are considered concurrently.

Yours very truly,

John A. Woodward
John A. Woodward

JAW:jw