



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

December 10, 1965

DEC 13 1965

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

Re: Injection Order R-2196
Eddy County, application
to expand

Mr. A. L. Porter, Jr., Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Dear Mr. Porter:

I have just learned from Mr. Kapteina that the Yates Petroleum Corporation application dated 12-1-65 replaces the application of S. P. Yates Drilling Company dated 11-1-63 which requests administrative approval to put the Dunn "B" No. 3 well on injection. This was brought about by a change of ownership.

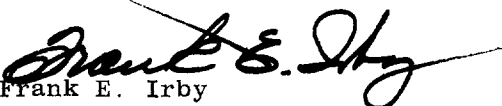
I did not consult the file prior to writing my letter dated 12-9-65 because no additional information was submitted with this application.

My letter of November 15, 1965, should be considered as a part of the record regarding this application, and my December 9, 1965, letter should be ignored.

Very truly yours,

S. E. Reynolds
State Engineer

By:


Frank E. Irby
Chief

Water Rights Division

tmr

cc: Yates Petroleum Corporation
309 Carper Building
Artesia, New Mexico 88210

F. H. Hennighausen
District II Supervisor
P. O. Box 1717
Roswell, New Mexico

S. P. YATES DRILLING COMPANY

S. P. YATES

J. O. MILLER

307-13 Carper Building -- Telephone 552

ARTESIA, NEW MEXICO

November 1, 1965

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

Attention: Mr. A. L. Porter, Jr.
Secretary-Director

Re: Application to expand and
place an additional well on
Injection-Order R-2196 Artesia
Pool, Eddy County, New Mexico

Gentlemen:

Subject order authorized a waterflood project in
Section 14, Township 18 South, Range 28 East, Eddy County, New
Mexico. Our Dunn B No. 4 well located in Unit N, Section 11,
Township 18 South, Range 28 East has experienced substantial
response from the project. Production is from the Premier Zone.
We have just completed drilling our Dunn B No. 3 well in Unit M,
Section 11, Township 18 South, Range 28 East.

Application is hereby made for administrative approval
to inject water into the Premier Zone in our Dunn No. 3 well.


New Mexico Oil Conservation Commission
November 1, 1965
Page two

In support of this application there is attached hereto the following:

1. A plat showing the location of the proposed injection well and the location of all other wells within a radius of two miles producing from the Premier Zone.
2. A log of the proposed injection well.
3. A diagrammatic sketch of the proposed injection well.
4. Commission Form C-116, showing production tests of the offset well, our Dunn B No. 4 well, both before and after stimulation by waterflood.

Your prompt consideration of this application would be appreciated.

Yours very truly,


Hugh W. Parry
Office Manager

HWP/cw

cc: State Engineer, Capitol Bldg., Santa Fe, N. M.
International Oil & Gas Corporation
Waterflood Associates, Inc.

Ленинского

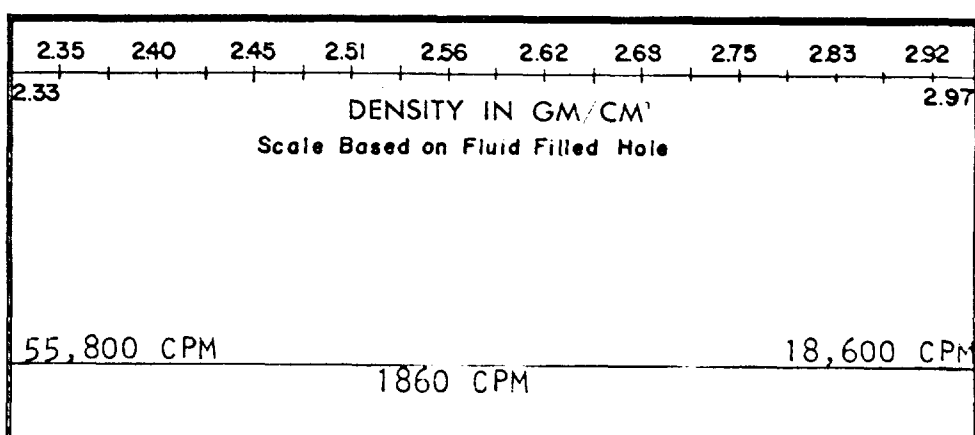
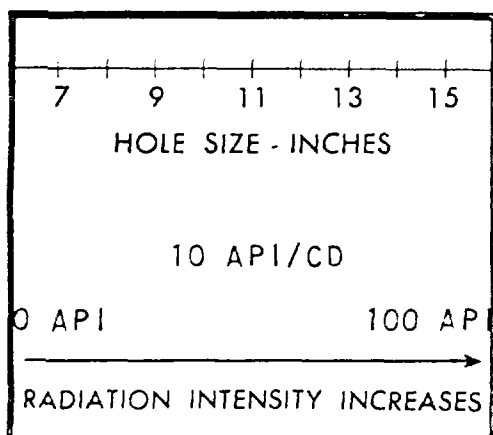
● 2019년 1월 1일부터 2020년 12월 31일까지

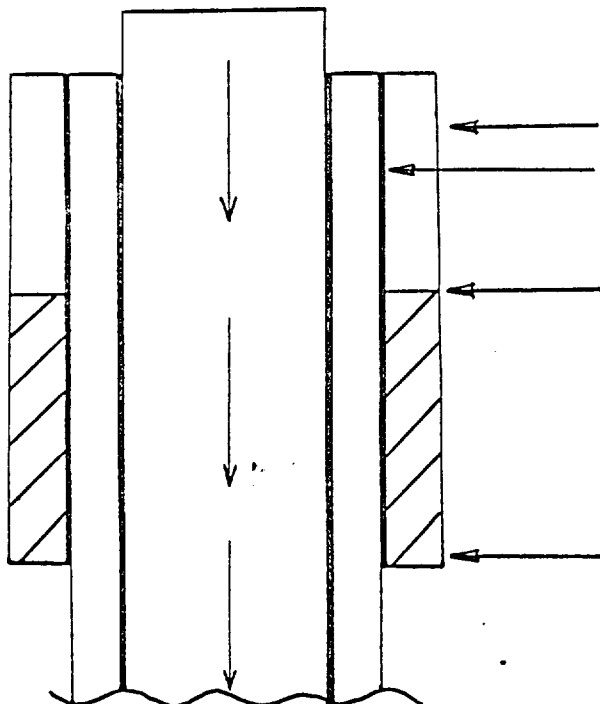
2479'

2500

TOP OF PREMIER SAND

Premier Sand Zone that will be n water in this proposed injection



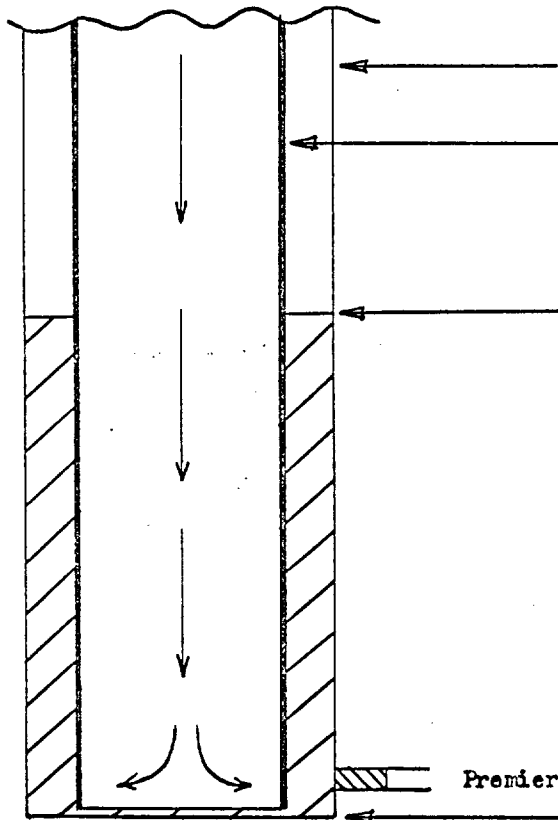


11" Hole

8 5/8" J-55, 2 1/4" casing set at 500'
with 75 sxs

Calculated top of cement at 200'

Top of Salt at 489'



7 7/8" Hole

5 1/2" J-55, 1 1/4" casing set at 2572'
with 100 sxs

Top of cement by temperature survey at 2075'

Premier pay zone

Total depth at 2580'

SCHEMATIC DRAWING OF PROPOSED INJECTION WELL

S. P. Yates Drilling Company
Dunn No. 3 - Section 11-18S-28E

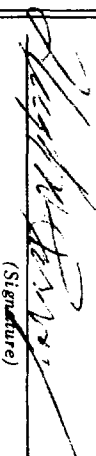
NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator S. P. Yates Drilling Company		Pool Artesia Queen Grayburg SA		County Eddy	
Address 309 Carper Bldg., Artesia, New Mexico		TYPE OF TEST - (X) <input checked="" type="checkbox"/> TEST - (X)		Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>	
LEASE NAME Dunn B Federal	WELL NO. 4	LOCATION U S T R " " " "		DATE OF TEST 9-63	STATUS P
" " " "	" " " "	" " " "		3-64	P
" " " "	" " " "	" " " "		9-64	P
" " " "	" " " "	" " " "		3-65	P
" " " "	" " " "	" " " "		10/30/65	P
		CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS
				4 bbl. 24	Nil
				15 bbl. 24	Nil
				29 bbl. 24	Nil
				25 bbl. 24	Nil
				31 bbl. 24	Nil
		PROD. DURING TEST		GAS - OIL RATIO	
		WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.F.
		Nil	36	7	Nil
		Nil	36	13	Nil
		Nil	36	18	Nil
		Nil	36	23	Nil
		Nil	36	46	Nil
				GAS - OIL RATIO CU.FT./BBL.	

No well will be assigned an allowable greater than the amount of oil produced on the official test.
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.
Report casing pressure in lieu of tubing pressure for any well producing through casing.
Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.


(Signature)

(Title)
November 1, 1965

(Date)

J. CLEO THOMPSON, Trustee
for Water-Flood Associates, Inc.
~~3883 REPUBLIC~~
DALLAS, TEXAS 75201
4505 REPUBLIC NATIONAL BANK TOWER

MAILED

NOV 10 1965

November 8, 1965

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

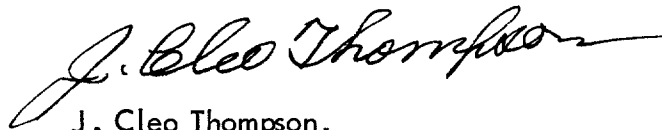
Attention: Mr. A. L. Porter, Jr.
Secretary-Director

Gentlemen:

We have received a copy of the application of the S. P. Yates Drilling Company to inject water into the Premier Zone of their Dunn No. 3 well located in the SW/SW of Section 11, Township 18 South, Range 28 East, Eddy County, New Mexico.

This is to advise that Water-Flood Associates, Inc., the operator of the offset lease to the south, has no objection to their injecting water into their Dunn No. 3 well as set out in their letter to you dated November 1, 1965.

Very truly yours,



J. Cleo Thompson,
Trustee

JCT:ir

cc: Mr. Hugh W. Parry
S. P. Yates Drilling Co.
307-13 Carper Building
Artesia, New Mexico

November 9, 1965

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

Attention: J. E. Kapteina

Re: Applications for WFX Orders

Dear Jim:

Referring to Newmont Oil Company's application of November 2, 1965, and S. P. Yates Drilling Company's application of November 1, 1965, for expansions of waterfloods authorized by Commission Orders R-1267 and R-2196 respectively, I see no reason why either of these applications should not be approved.

Very truly yours,

OIL CONSERVATION COMMISSION

R. L. Stanets
Geologist

RLS/bh



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

November 15, 1965

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

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Comm.
Santa Fe, N. M.

Dear Mr. Porter:

Reference is made to the application of S. P. Yates Drilling Co. which seeks to expand by placing an additional well on injection in the Artesia pool, Eddy County under Order R-2196.

This office offers no objection to the granting of the application provided the well is cased and cemented as shown on the diagrammatic sketch for the Dunn No. 3 well located in Sec. 11, T. 18 S., R. 28 E.

FEI/ma
cc-S. P. Yates Drilling Co.
F. H. Hennighausen

Yours truly,

S. E. Reynolds
State Engineer

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



309 CARPER BUILDING
ARTESIA, NEW MEXICO - 88210

S. P. YATES
PRESIDENT
HARVEY E. YATES
VICE PRESIDENT
MARTIN YATES, III
VICE PRESIDENT
JOHN A. YATES
SECRETARY
HUGH W. PARRY
TREASURER

December 1, 1965

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

Attention: Mr. A. L. Porter, Jr.
Secretary-Director

re: Application to expand and
place an additional well on
Injection-Order R-2196 Artesia
Pool, Eddy County, New Mexico

Gentlemen:

Subject order authorized a waterflood project in
Section 14, Township 18 South, Range 28 East, Eddy County, New
Mexico. Our Dunn B No. 4 well located in Unit N, Section 11,
Township 18 South, Range 28 East has experienced substantial
response from the project. Production is from the Premier Zone.
We have just completed drilling our Dunn B. No. 3 well in Unit M,
Section 11, Township 18 South, Range 28 East.

Application is hereby made for administrative approv-
al to inject water into the Premier Zone in our Dunn No. 3 well.


New Mexico Oil Conservation Commission
November 1, 1965
Page two

In support of this application there is attached hereto the following:

1. A plat showing the location of the proposed injection well and the location of all other wells within a radius of two miles producing from the Premier Zone.
2. A log of the proposed injection well.
3. A diagrammatic sketch of the proposed injection well.
4. Commission Form C-116, showing production tests of the offset well, our Dunn B No. 4 well, both before and after stimulation by waterflood.

Your prompt consideration of this application would be appreciated.

Yours very truly,


Hugh W. Parry
Treasurer

HWP/cw

cc: State Engineer, Capitol Bldg., Santa Fe, N. M.
International Oil & Gas Corporation
Waterflood Associates, Inc.

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE