



YATES BUILDING - 207 SOUTH 4TH ST.
ARTESIA, NEW MEXICO - 88210

S. P. YATES
PRESIDENT
HARVEY E. YATES
VICE PRESIDENT
MARTIN YATES, III
VICE PRESIDENT
JOHN A. YATES
VICE PRESIDENT
HUGH W. PARRY
SEC. - TREAS.

August 8, 1968

WAX-294
[Handwritten signature]

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

Attn: Secretary Director, Mr. A. L. Porter Jr.

Re: Conversion of (2) Producers
to Water Injection Wells

Dear Sir:

It is respectfully requested that the Yates Petroleum Corporation be given administrative approval to convert the Dunn B No. 2 as located on plat and the Dunn B No. 3 well as located on plat from producers to water injection wells.

In order to more effectively sweep the oil from the formation and to protect correlative rights, Yates Petroleum Corporation, has agreed with Depco, Inc., to perform the work for lease line cooperation.

Attachments to this application include a base map, diagrammatic sketches of the (2) wells, pertinent data sheet, curve showing response of wells to offset flooding, tests showing production before response and after response on C-116.

The Order Number which allowed initial flooding in the immediate area was granted to Depco-Ryder Scott, Section 14-T18S-R28E, No. R-2196.

Recently, Order No. R 2869 granted water-flooding operation to Depco, Inc. in Sections 10-11-12, T18S-R23E.

Copies of this application and attachments will be sent to all offset operators as listed below and also to the USGS offices.

Yates Petroleum Corporation upon approval of application will immediately notify the NMOCC of injection operations and abide by the rules and regulations as set out in the Order and will also file and maintain accurate records as required by the NMOCC.

Yours truly,

A handwritten signature in cursive script that reads "Paul G. White".

Paul G. White
Engineer

cc: Depco, Inc.
Harold Kersey
Water Flood Associates
USGS



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United States Geological Survey
Oil and Gas Division
Carper Building
Artesia, New Mexico 88210

Attn: Mr. Jim Knauf

Re: Coop. Waterflood
Agreement

Dear Mr. Knauf:

Attached please find (2) copies of the application to inject water as submitted to the New Mexico Oil Conservation Commission as per Rule 701.

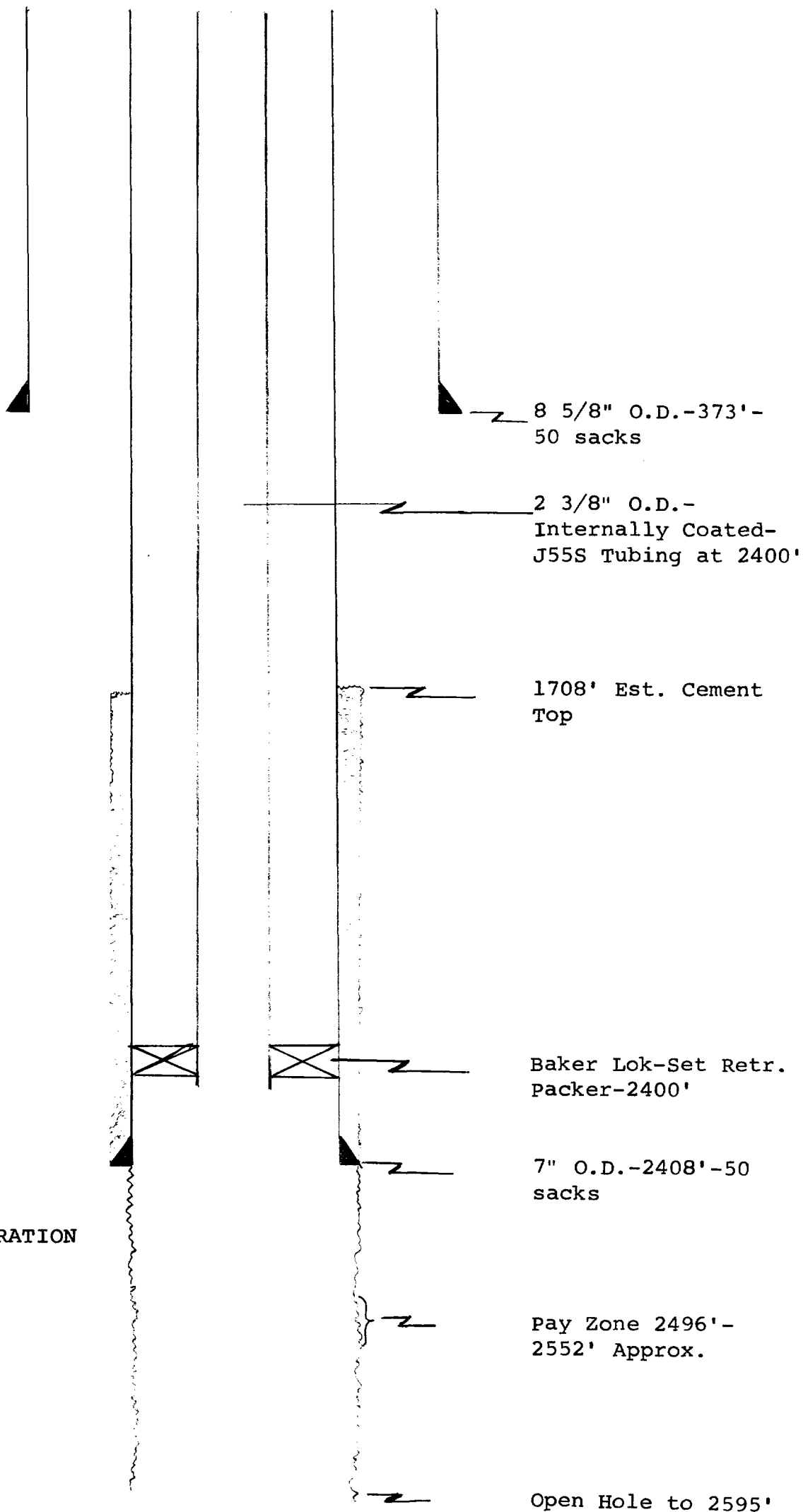
We respectfully request that we receive USGS approval for the outlined project.

Sincerely,

Paul G. White
Paul G. White

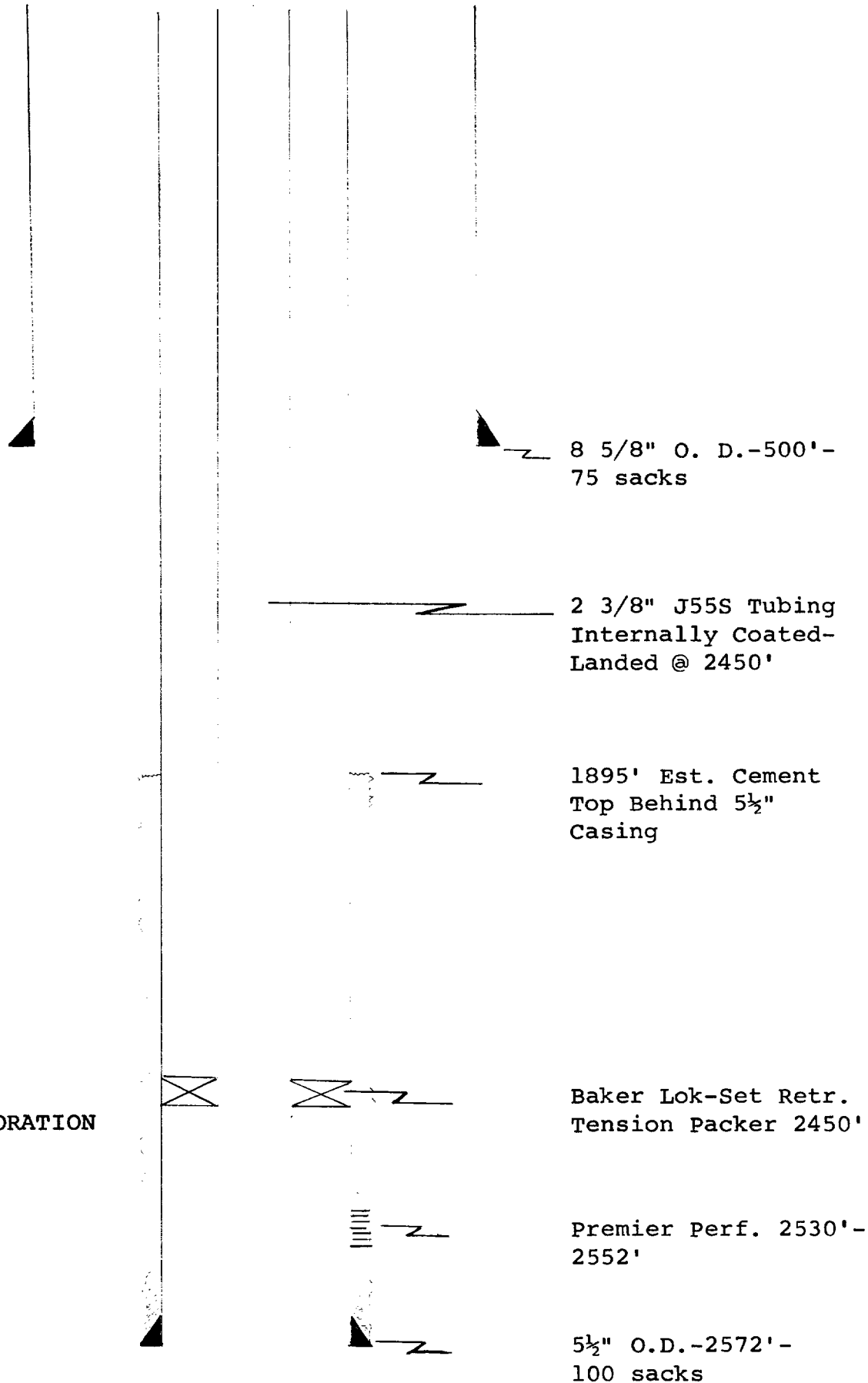
PGW:gs

DIAGRAMMATIC SKETCH PROPOSED WATER INJECTOR
DUNN B LEASE
WELL NO. 2



YATES PETROLEUM CORPORATION
EXHIBIT B
August 8, 1968
pgw

DIAGRAMMATIC SKETCH PROPOSED WATER INJECTOR
DUNN B LEASE
WELL NO. 3



YATES PETROLEUM CORPORATION
EXHIBIT B
August 8, 1968
pgw

NEW MEXICO OIL CONSERVATION COMMISSION
GAS - OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool		County												
Yates Petroleum Corporation		Artesia Queen Grayburg S. A.		Eddy												
Address		TYPE OF TEST - (X)		Completion ☐ Scheduled ☐												
207 South 4th Street, Artesia, N. M. 88210				Special ☒												
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.			
		U	S	T						R	WATER BBLs.	GRAV. OIL		OIL BBLs.	GAS M.C.F.	
Dunn B Federal LC 028772	1	J	11	18S	28E	12-65	P	Open	20#	13.0	24	1.0	34.5	13.0	TSTM	--
	2	O	11	18S	28E	12-65	P	Open	20#	13.0	24	1.0	34.5	13.0	TSTM	--
	3	M	11	18S	28E	6-65	P	Open	20#	17.0	24	8.0	34.5	17.0	TSTM	--
	4	N	11	18S	28E	6-65	P	Open	20#	17.0	24	10.0	34.5	17.0	TSTM	--
Average Tests After Response To Waterflooding																
Yates Petroleum Corporation Exhibit E August 8, 1968 pgw																

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

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 14.7 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.

Don M. White
(Signature)

Engineer

(Title)

8/8/68

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION
GAS - OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool		County												
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		U	S	T						R	WATER BBLs.	GRAV. OIL	OIL BBLs.		GAS M.C.F.	
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	3	M	11	18S	28E	6-64	P	Open	20#	7.0	24	-0-	34.5	7.0	TSTM	--
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Paul J. White
(Signature)

Engineer

(Title)

8/8/68

(Date)

PERTINENT INFORMATION SHEET
AS PER RULE 701 B-4
DUNN B LEASE
Well Numbers 2 & 3

1. Water Injection will be into the Grayburg at approximately 2530 feet.
2. Injection fluid will be fresh water and produced saline water.
3. Anticipated Injection Volumes will be 300 to 500 BWPB per well.
4. Anticipated Injection Pressures will be 1200 psi, not to exceed 1800 psi.
5. Source of Injection water will be from Double Eagle Water Corporation after pressurization by Depco, Inc.
6. Water will be injected down internally coated tubing under a packer.
7. Wellhead will be exposed for inspection of annular space between tubing and casing.

YATES PETROLEUM CORPORATION
EXHIBIT C
August 8, 1968
pgw

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