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R. C. TUCKER, PRES.

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

September 11, 1964

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

Re: APPLICATION TO CONVERT UNIT WELL 12-12
TO AN INJECTION WELL, BY ADMINISTRATIVE
APPROVAL, MALMAR UNIT

Gentlemen:

As provided by Commission Order Number R-2155 Great Western Drilling Company, as operator of the Malmar Unit, requests administrative approval for the conversion of the following unit well to water injection:

Well No. 12-12 Section 12, T-17-S, R-32-E, Lea County, New Mexico

Well No. 12-11, an offset well to 12-12, has received response to water injection. In July, Well 12-11 averaged 1 bbl per day of oil. In August, Well 12-11 averaged 4 bbls of oil per day.


We believe that production from the Unit will be increased by the conversion of Well No. 12-12 to injection. That waste and an unbalanced pattern will occur should this not be done at this time.

Attached to this application are: The C-116 of the Malmar Unit Well 12-11, before and after stimulation; a plat of the area showing all producing, water injection, proposed water injection, stimulated and a sketch of the proposed injection well. The offset operators are included in the plat.

Waivers and a copy of this application are being sent to all offset operators as of this date.

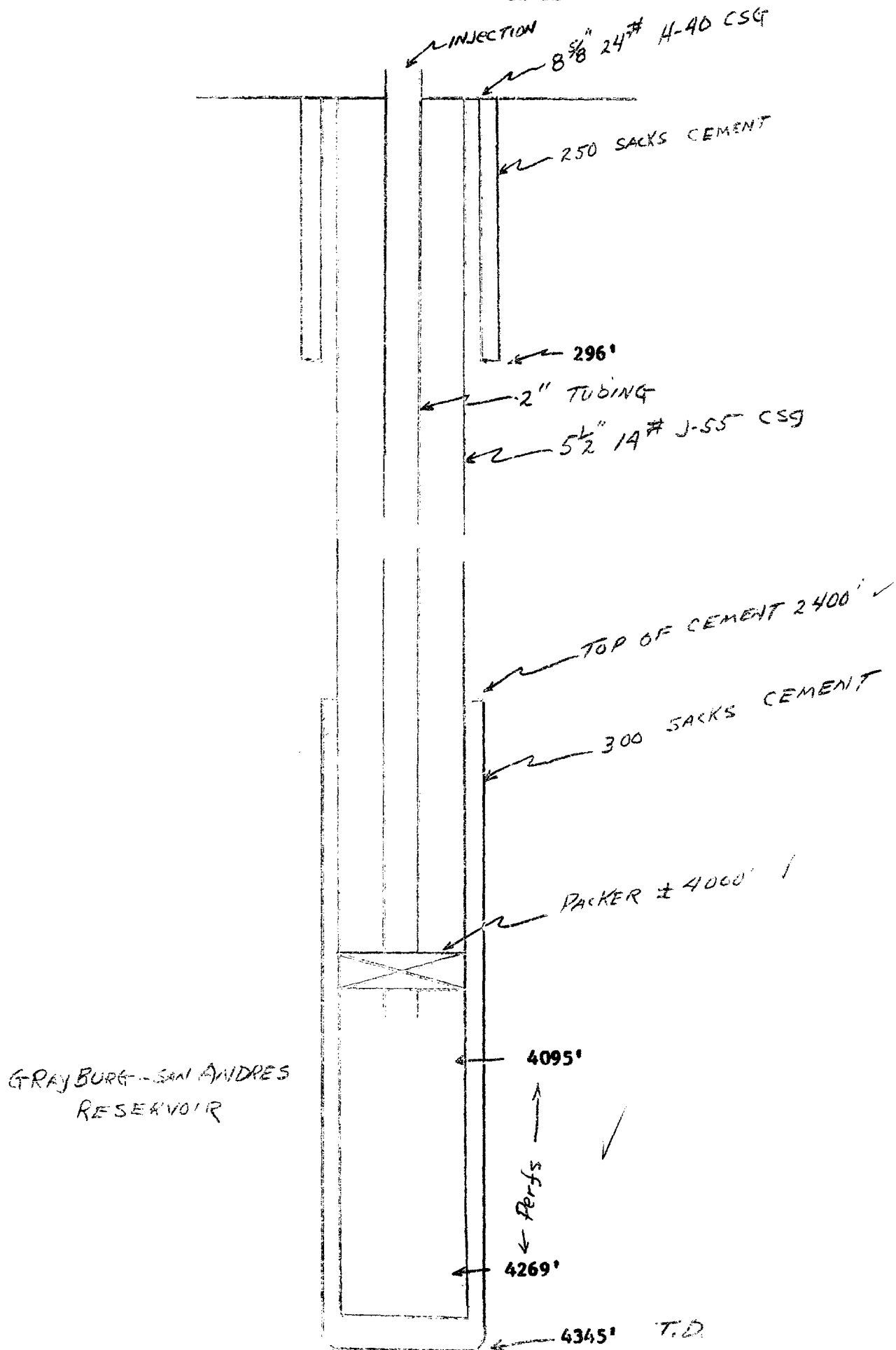
Yours very truly,

GREAT WESTERN DRILLING COMPANY


O. H. Crews
Administrative Coordinator



GREAT WESTERN DRILLING COMPANY - Well 12-12 - MALMAR UNIT



NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Great Western Drilling Co. POOL Maljamar
ADDRESS Box 1659 Midland, Texas MONTH OF August, 1964
SCHEDULED TEST _____ COMPLETION TEST _____ SPECIAL TEST X (Check One)
(See Instructions on Reverse Side)

Lease	Well No.	Date of Test	Producing Method	Choke Size	Test Hours	Daily Allowable Bbls.	Production During Test			GOR Cu. Ft. Per Bbl.
							Water Bbls.	Oil Bbls.	Gas MCF	
Malmar Unit	12-12	8-30-64	P		24	6	0	4	TSTM	
			Test after Stimulation							

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 degrees F. Specific gravity base will be 0.60.

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 certify that the information given is true and complete to the best of my knowledge.)

Date September 11, 1964

Great Western Drilling Co.

Company

By O. H. Crews O. H. Crews

Administrative Coordinator

Title

MAIN OFFICE

SEP 24 PM 1 2-



September 22, 1964

R. C. TUCKER, PRES.

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

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

Attention: Mr. J. E. Kapteina

Gentlemen:

Enclosed please find waivers, properly executed,
from all offset operations of the Great Western
Drilling Company Malmar Unit pertaining to the conver-
sion of Unit well No. 12-12 to water injection.

Yours very truly,

GREAT WESTERN DRILLING CO.

By 
O. H. Crews



MAIN OFFICE 1950
SEP 24 PM 1



September 11, 1964

R. C. TUCKER, PRES.

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

Murphy H. Baxter
1126 Vaughn Building
Midland, Texas

Gentlemen:

We have requested expansion of the Malmar Unit through administrative approval as set forth in Commission Order No. R-2155. A copy of our letter is enclosed.

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

Yours very truly,

GREAT WESTERN DRILLING COMPANY


O. H. Crews

OHC:tr

We have no objection to the expansion of the Malmar Unit operations by reason of conversion of Well No. 12-12 to water injection as requested in your application of September 11, 1964.

MURPHY H. BAXTER

By: W. U. Seamer

Date: September 15, 1964



MAIN OFFICE ON

'64 SEP 24 PM 1



September 11, 1964

R. C. TUCKER, PRES.

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

Getty Oil Co.
Petroleum Life Building
Midland, Texas

Attention: Mr. R. W. Coe

Gentlemen:

We have requested expansion of the Malmar Unit through administrative approval as set forth in Commission Order No. R-2155. A copy of our letter is enclosed.

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

Yours very truly,


GREAT WESTERN DRILLING COMPANY


O. H. Crews

OHC:tr

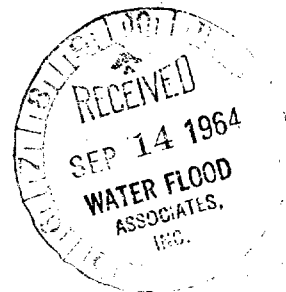
We have no objection to the expansion of the Malmar Unit operations by reason of conversion of Well No. 12-12 to water injection as requested in your application of September 11, 1964.

Getty Oil Co. FOR TIDEWATER OIL COMPANY Oper.

By 
R. H. Coe, District Production Manager
Date September 14, 1964



MAIL ROOM
SEP 24 PM 1



September 11, 1964

R. C. TUCKER, PRES.

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

Waterflood Associate Inc.
2211 Continental Building
Fort Worth, Texas

Gentlemen:

We have requested expansion of the Malmar Unit through administrative approval as set forth in Commission Order No. R-2155. A copy of our letter is enclosed.

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

Yours very truly,

GREAT WESTERN DRILLING COMPANY

O. H. Crews
O. H. Crews

OHC:tr

We have no objection to the expansion of the Malmar Unit operations by reason of conversion of Well No. 12-12 to water injection as requested in your application of September 11, 1964.

Waterflood Associate Inc.

By *Arthur M. Brown* Pres.

Date 9/14/64





September 11, 1964

R. C. TUCKER, PRES.

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

TEXACO Inc.
P. O. Box 728
Hobbs, New Mexico

Attention: W. B. Hubbard

Gentlemen:

We have requested expansion of the Malmar Unit through administrative approval as set forth in Commission Order No. R-2155. A copy of our letter is enclosed.

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

Yours very truly,

GREAT WESTERN DRILLING COMPANY

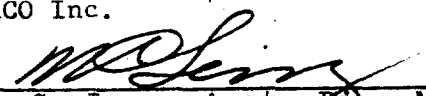

O. H. Crews

OHC:tr

We have no objection to the expansion of the Malmar Unit operations by reason of conversion of Well No. 12-12 to water injection as requested in your application of September 11, 1964.

TEXACO Inc.

By


W. C. Lenz, Asst. Div. Manager

Date September 17, 1964

Copies to:

- 1 - Great Western
- 1 - JMW
- 1 - DMW



MAIN OFFICE 000
24 SEP 1964 PM 12



September 11, 1964

R. C. TUCKER, PRES.

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

Drilling and Exploration Co., Inc.
Box 2075
Hobbs, New Mexico

Attention: Mr. D. C. Webb

Gentlemen:

We have requested expansion of the Malmar Unit through administrative approval as set forth in Commission Order No. R-2155. A copy of our letter is enclosed.

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

Yours very truly,


GREAT WESTERN DRILLING COMPANY


O. H. Crews

OHC:tr

We have no objection to the expansion of the Malmar Unit operations by reason of conversion of Well No. 12-12 to water injection as requested in your application of September 11, 1964.

SINCLAIR OIL & GAS COMPANY
~~Drilling and Exploration Co., Inc.~~

By 
R. E. Powers, Division Engineer
Date September 21, 1964



MAIN OFFICE
SEP 22 AM 10



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

September 21, 1964

ADDRESS CORRESPONDENCE TO:
STATE CAPITOL
SANTA FE, N. M.

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 Great Western Drilling Company which seeks authorization for expansion of their Maljamar Unit by converting well No. 12-12 in Sec. 12, T. 17 S., R. 30 E., to water injection. The diagrammatic sketch submitted with the application indicates that injection will be through 2-inch tubing under a packer set at 4,000 feet which is well below the top of the cement surrounding the 5½-inch casing and it appears that this program will eliminate any threat of contamination to the fresh waters which may exist in the area. Therefore, this office offers no objection to the granting of the application.

Yours truly

FEI/ma
cc-Great Western Drilling Co.
F. H. Hennighausen

S. E. Reynolds
State Engineer

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