

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL OR RECOMPLETE

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Artesia, New Mexico

(Place)

January 26, 1953

(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (Recompletion) of a well to be known as

Madden & Hazel

(Company or Operator)

State E-6427

(Lease)

Well No. 1, in N Lot 4. The well is

(Unit)

located 330 feet from the West line and 280 feet from the

South

line of Section 19, T. 17S, R. 28S, NMPM.

(GIVE LOCATION FROM SECTION LINE) Empire Pool, Kady County

If State Land the Oil and Gas Lease is No.

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows: Cable Tools

The status of plugging bond is \$5,000.00 One Well Bond

Drilling Contractor Madden & Hazel

We intend to complete this well in the Yates-Seven Rivers formation at an approximate depth of 550 feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
10	8 5/8	32#	S. H.	350	Mudded
8	7	24#	New	500	25Sax

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

FEB 2 1953

Approved _____, 19_____
Except as follows:

OIL CONSERVATION COMMISSION

By *L. A. Hansore*

Title OIL AND GAS INSPECTOR

Sincerely yours,

Madden & Hazel

(Company or Operator)

By *W. E. Madelon*

Position

Send Communications regarding well to

Name A. H. Hazel

Address Box 206
Artesia, New Mexico

RECEIVED
JAN 20 1953
Oil & Gas Division
Artesia Office

Company Madden-Hazel

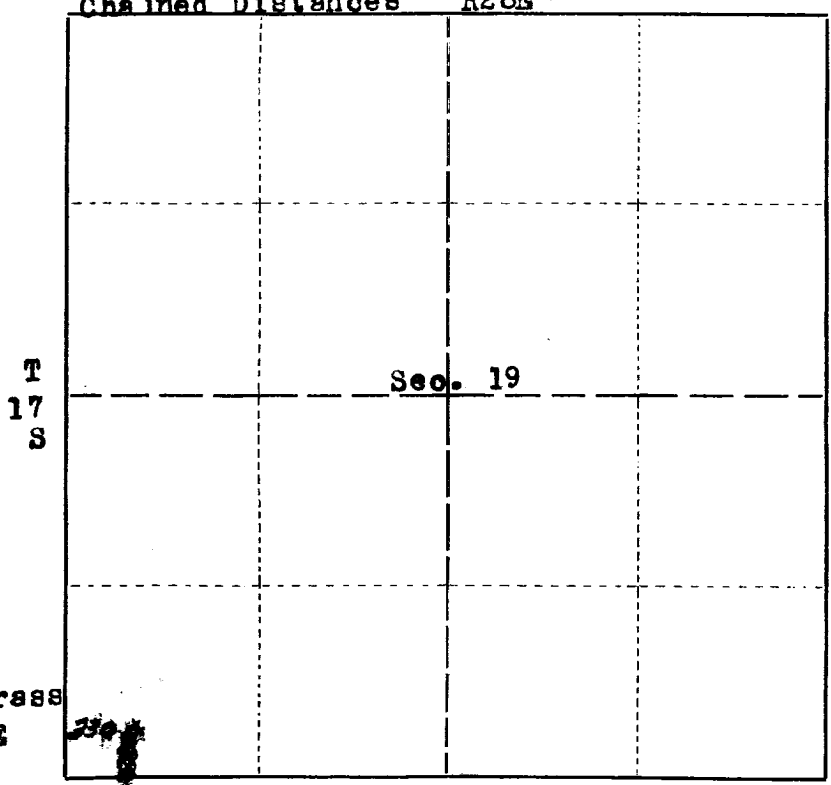
Lease State Well No. 1

Sec. 19 T. 17 S., R. 28 E., N.M.P.M.

Location SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19 (380' fr WL & 330' fr SE) Lot 4

County Eddy, New Mexico

Chained Distances R28E



USGLOS Brass
T17S R28E

S24 | S19
S25 | S30

Scale 4" = 1 mile.

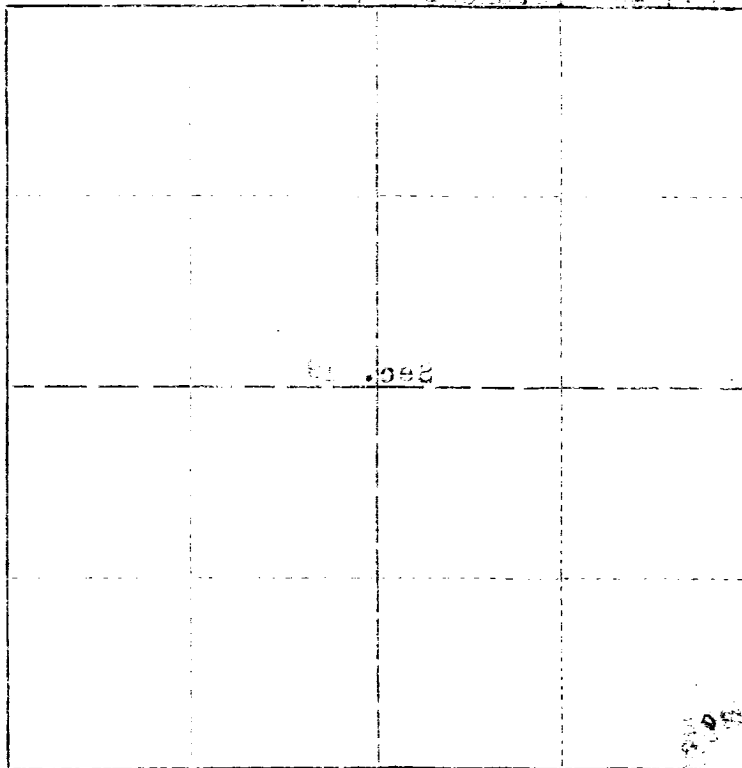
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:
Artesia, New Mexico

John A. Madden Jr.
Registered Professional
Engineer and Surveyor.

Surveyed January 17, 19 53

Company _____
 Lease _____
 Well No. 1
 Sec. _____ T. _____ S. R. _____ M.P.M.
 Location _____
 County _____
 New Mexico



N
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This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

[Signature]
 Registered Professional
 Engineer and Land Surveyor

Sec. _____
 Artesia, New Mexico

Surveyed _____, 19____

LAST PLAT
 T. 1 N. R. 2 E.
 SEC. 19
 1988

STATE OF NEW MEXICO
OFFICE OF STATE GEOLOGIST
SANTA FE, NEW MEXICO

January 30, 1953

AIR MAIL

C
Madden and Hazel
Box 206
Artesia, New Mexico

Attention: Mr. W. E. Madden

O
Gentlemen:

P
This will acknowledge your letter of January 27, 1953
in which you refer to an unorthodox location to be made 330 feet
from the west line and 280 feet from the south line of Section 19,
Township 17 South, Range 28 East, NMPM, Eddy County, New
Mexico.

Y
Under authority granted to me by Rule 104 of the Commis-
sion, this will constitute your permission to drill and produce the
unorthodox well as you have set it out in your letter.

A copy of this letter is being sent to our Artesia, New
Mexico office in whose district the location will be drilled.

Very truly yours,

R. R. Spurrier (2N)

R. R. Spurrier
Secretary-Director

lh
cc:

Mr. L. A. Hanson - OCC - Artesia, New Mexico

W. E. Madden

OFFICE OF STATE GEOLOGIST
SANTA FE, NEW MEXICO
STATE OF NEW MEXICO

San Juan Co., N. M.

May 11

San Juan Co., N. M.

May 11

San Juan Co., N. M.

San Juan Co., N. M.

San Juan Co., N. M.

The following is a list of the names of the persons who have been appointed to the various positions in the State of New Mexico, and who have been sworn in as such. The names are given in alphabetical order, and the positions are given in parentheses. The names are given in the order in which they were sworn in.

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San Juan Co., N. M.

January 27, 1953

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Gentlemen:

It has come to our attention that Madden & Hazel desire to drill a well to a depth not to exceed 600 feet in an unorthodox location which is 330 feet from the west line and 280 feet from the south line of Section 19, 173-28E.

We wish to file this letter as a waiver of objection to said location as we are the offset operators immediately to the South.

If this letter does not satisfactorily fulfill your requirements we shall appreciate being advised as it is our desire the operations not be held up on our account.

Yours respectfully

Nix & Curtis

Jerry Curtis
Jerry Curtis

JC/gc

11 - File

For the purpose of this study, the following data were collected:

The first data set was collected from the following sources: (1) the results of the first round of the survey, (2) the results of the second round of the survey, (3) the results of the third round of the survey, (4) the results of the fourth round of the survey, (5) the results of the fifth round of the survey, (6) the results of the sixth round of the survey, (7) the results of the seventh round of the survey, (8) the results of the eighth round of the survey, (9) the results of the ninth round of the survey, (10) the results of the tenth round of the survey, (11) the results of the eleventh round of the survey, (12) the results of the twelfth round of the survey, (13) the results of the thirteenth round of the survey, (14) the results of the fourteenth round of the survey, (15) the results of the fifteenth round of the survey, (16) the results of the sixteenth round of the survey, (17) the results of the seventeenth round of the survey, (18) the results of the eighteenth round of the 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John Doe

Artesia, New Mexico
January 27, 1953

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Gentlemen:

Recently we filed a Notice of Intention to Drill 330 feet from the west line and 280 feet from the south line Section 19, 17S-28E for the following reasons:

1. A 330 feet location from both lines would place us squarely over an old abandoned producer. To go Eastward would cause us to dig a pit on an incline thus creating some difficulty and additional expense in our operations, while going South would place us in a flat area thus eliminating such additional expense and inconvenience.

2. On the adjoining 40 acres to the east is a dry hole while to the south of our proposed location is a producer. We therefore feel the possibility of obtaining production would be enhanced by moving 50 feet south of a regular 330 foot location but possibility of production would be reduced by moving 50 feet east of a 330 foot location.

It is our understanding Nix & Curtis have written a letter waiving any objection to this unorthodox location as offset operators and we therefore respectfully request that our application be granted to drill said well 330 feet from the west line and 280 feet from the south line of said Section 19, 17S-28E.

Yours respectfully

Madden & Hazel

By *W E Madden*

W E Madden

1. The first step is to identify the problem. This involves understanding the situation and the goals that need to be achieved.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

[illegible]

1997

W. H. M. & W.

January 28, 1953

JAN 29 1953
J. S. WARD & SON, INC.
Artesia, N. M.

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

Re: \$5,000 One-Well Bond - SWSW Sec. 19,
T. 17 S., R. 28 E. - W. E. Willie Madden
and A. H. Hazel

Gentlemen:

Enclosed kindly find the captioned Bond for filing.

Very truly yours,

J. S. WARD & SON, INC.

By *J. S. Ward*

JSW:hh
Encl.

cc - N. Mex. Oil Conservation Commission
Artesia, New Mexico

Willie Madden

THEORY

1. The first part of the theory is the definition of the function $f(x)$ and the domain of definition $D(f)$.

2. The second part of the theory is the definition of the function $f(x)$ and the domain of definition $D(f)$.

3. The third part of the theory is the definition of the function $f(x)$ and the domain of definition $D(f)$.

4. The fourth part of the theory is the definition of the function $f(x)$ and the domain of definition $D(f)$.

5. The fifth part of the theory is the definition of the function $f(x)$ and the domain of definition $D(f)$.

EXAMPLES

1. The first example is the function $f(x) = x^2$ and the domain of definition $D(f) = \mathbb{R}$.

2. The second example is the function $f(x) = \sin x$ and the domain of definition $D(f) = \mathbb{R}$.

3. The third example is the function $f(x) = \cos x$ and the domain of definition $D(f) = \mathbb{R}$.

4. The fourth example is the function $f(x) = \tan x$ and the domain of definition $D(f) = \mathbb{R} \setminus \{\frac{\pi}{2} + k\pi\}$.