



March 8, 1966

W-231

R. C. TUCKER, PRES.

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

New Mexico Oil Conservation Commission
Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter

Re: Great Western Drilling Company
North Central Caprock Queen Unit
Well in Section 18 No. 5

Gentlemen:

Great Western Drilling Company, Operator of the North Central Caprock Queen Unit, Lea and Chaves Counties, New Mexico, requests administrative permission to convert Well in Section 18 No. 5, E, 13-S, 32-E, Lea County, from a producing well to an injection well.

The above well is currently non - commercial, producing 1 barrel of oil and 42 barrels of water daily. It has produced 62,205 barrels of secondary oil as of February 1, 1966.

The Unit Operators voted to convert the above well to see if more recovery of oil can be economically produced. This unit is in the last stages of secondary recovery. There are no direct offset operators to this producer. As an experiment in the search for an increase in oil from this unit we make this request.

A similar request was granted just a year ago on three producing wells. Since that time this unit has produced 61,444 barrels of oil.

Enclosed please find three plats of this area, indicating the status of all wells in the unit and offset operators. These operators are being sent waivers at this time.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

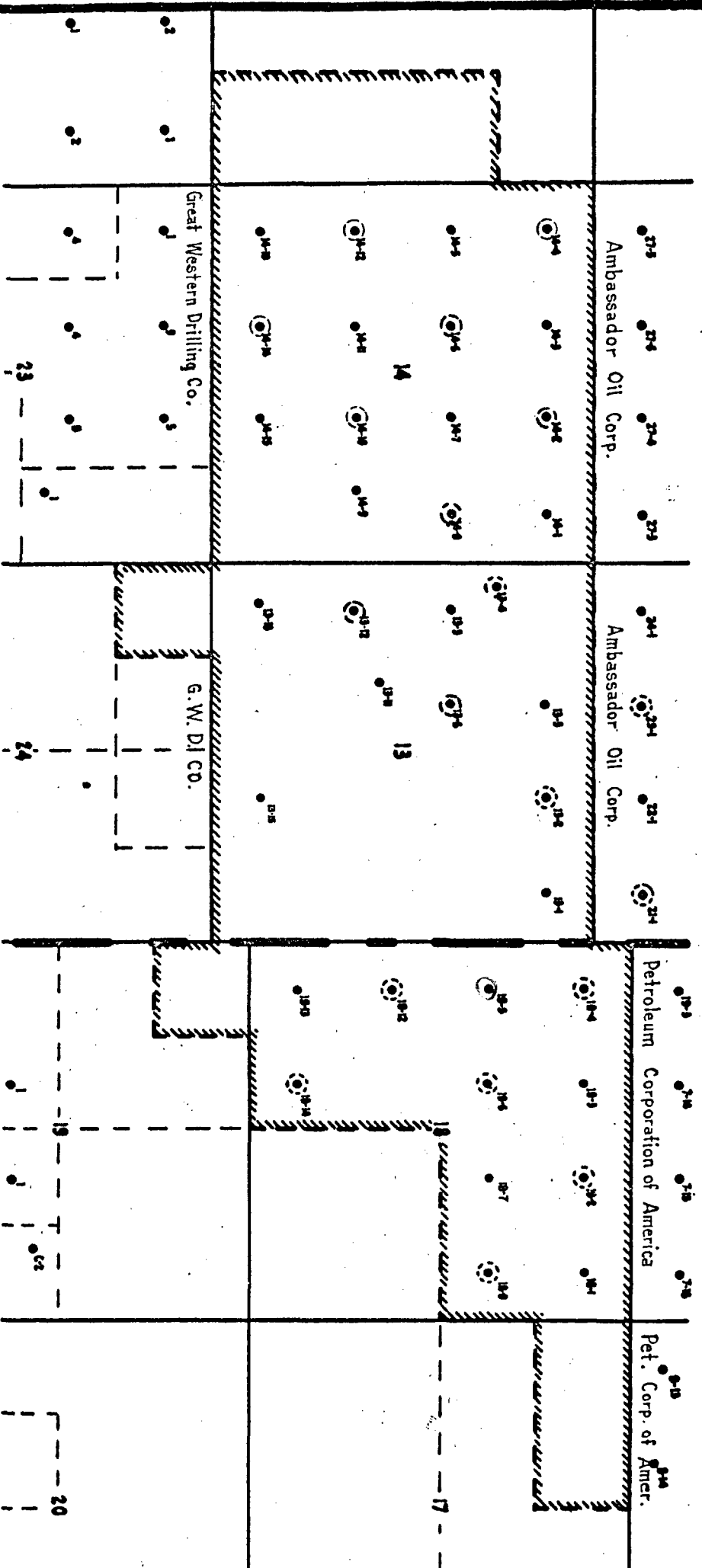
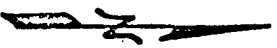

O. H. Crews

OHC:SM
Encls.



NORTH CENTRAL CAPROCK QUEEN UNIT GREAT WESTERN DRILLING COMPANY, OPERATOR

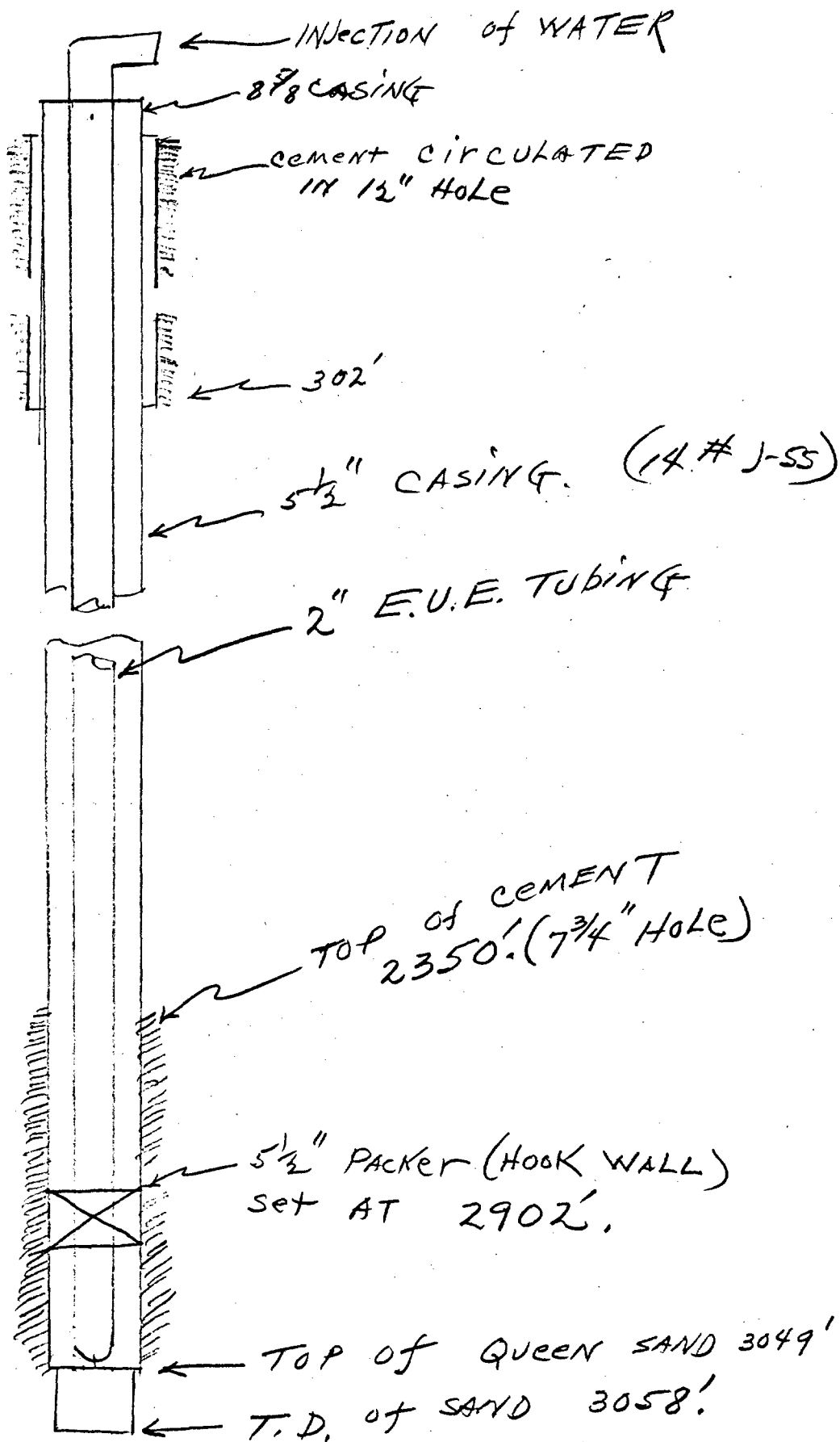
• Producing Well
 ⊙ Injection Well
 --- Unit Outline



Field: CAPROCK QUEEN
Operator: GREAT WESTERN DRILL CO.
MARCH 14, 1966.

NORTH CENTRAL
CAPROCK QUEEN UNIT.

Well 111 SEC. 18
13-S, 32-E, NO. 5,
to be converted
to injection,
in an eight
year old Flood.





STATE OF NEW MEXICO

STATE ENGINEER OFFICE
SANTA FE

MAR 14 1966

S. E. REYNOLDS
STATE ENGINEER

March 10, 1966

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

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

Dear Mr. Porter:

I have before me a letter from Mr. O. H. Crews, Great Western Drilling Company of Midland, Texas and his application to the Oil Conservation Commission requesting administrative permission to convert well in Sec. 18 No. 5 E., 13-S, 32-E, Lea County, from a producing well to an injection well.

None of the information required under Oil Conservation Commission Rule 701-B was supplied with the application. I am unable to form an opinion as to what effect the granting of Great Western's application would have on the fresh waters in the area. For these reasons, it is my opinion that the application should be denied.

FEI/ma
cc-Great Western Drilling Co.

Yours truly,

S. E. Reynolds
State Engineer

By: 
Frank E. Irby
Chief
Water Rights Div.



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

March 15, 1966

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

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

Dear Mr. Porter:

Reference is made to Great Western Drilling Company's application to the Oil Conservation Commission which seeks administrative approval to convert well No. 5 in Sec. 18, T. 13 S., R. 32 E., in Lea County to an injection well and to my letter dated March 10, 1966 pertaining to that application. Further reference is made to Great Western's letter of March 14, 1966, a copy of which is enclosed.

I have reviewed the exhibits submitted with the March 14th letter and now withdraw my objection to the granting of the application.

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

Yours truly,

S. E. Reynolds
State Engineer

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



March 21, 1966

R. C. TUCKER, PRES.

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

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

Attention: Mr. J. E. Kapteina

Gentlemen:

Enclosed please find required waivers from offset operators to the application by Great Western Drilling Company for the conversion of Well No. 5, Section 18, North Central Caprock Queen Unit from producing to the injecting of water.

Yours very truly,

GREAT WESTERN DRILLING COMPANY


O. H. Crews

OHC:SM
Encls.



ILLEGIBLE

MAR 23 PM 1 01

March 8, 1966

Petroleum Corp. of Texas
Box 752
Breckenridge, Texas

Gentlemen:

We have requested that Well Section 18 No. 5 (North Central Caprock Queen Unit) be converted from producing to injection, as per enclosed application.

If you have no objection, 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:SM

We have no objection to the above referred to application.

Petroleum Corp. of Texas

By *B. H. Harrison*

Date 3-17-66

100-111111

100-111111

Parsons Corp. of Texas
Box 115
Houston, Texas

Dear Sir:

We have requested that well Section 15 No. 1 (North Central
District Court) be converted from producing to injection, as per
attached application.

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

Very truly yours,

W. H. Brown

W. H. Brown

100-111111

I have no objection to the above application.

Parsons Corp. of Texas

By _____



MAR 23 PM 1 01

PRODUCT NO.
MAR 23 1966
☐ FILE
☐ NEW

March 8, 1966

R. C. TUCKER, PRES.

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

Ambassador Oil Company
Box 9338
Fort Worth 7, Texas

Gentlemen:

We have requested that Well Section 18 No. 5 (North Central Caprock Queen Unit) be converted from producing to injection, as per enclosed application.

If you have no objection, 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: SM

We have no objection to the above referred to application.

ANADARKO PRODUCTION COMPANY
~~Ambassador Oil Company~~

By *E. A. Riley*
E. A. Riley, Superintendent Secondary Recovery Div.
Date March 14, 1966



1000 0000 000

MAR 15 AM 00

March 14, 1966

Mr. Frank E. Irby
Chief Water Rights Division
State Engineer Office
Santa Fe, New Mexico

Re: Great Western Drilling Company
Application to Convert Section
18 Well No. 5 to Injection
North Central Caprock Queen Unit

Dear Mr. Irby:

As per our telephone conversation of this A.M., you will please find enclosed a plat of the area and diagrammatic sketch of the well as per Rule 701 - B. (Section 18, Well No. 5, 13-S, 32-E, of North Central Caprock Queen Unit)

We sent the plat with the original letter to you; we are indeed sorry it was lost. We are sending the commission copies of the sketch and this letter.

Yours very truly,

GREAT WESTERN DRILLING COMPANY


O. H. Crews

OHC: SM
Encls.

— *Chlorophyll a* (mg/g dry weight) = 12.72 (OD₆₈₀) + 0.0001 (OD₆₈₀)² - 0.0001 (OD₆₈₀)³ - 0.0001 (OD₆₈₀)⁴ - 0.0001 (OD₆₈₀)⁵ - 0.0001 (OD₆₈₀)⁶ - 0.0001 (OD₆₈₀)⁷ - 0.0001 (OD₆₈₀)⁸ - 0.0001 (OD₆₈₀)⁹ - 0.0001 (OD₆₈₀)¹⁰ - 0.0001 (OD₆₈₀)¹¹ - 0.0001 (OD₆₈₀)¹² - 0.0001 (OD₆₈₀)¹³ - 0.0001 (OD₆₈₀)¹⁴ - 0.0001 (OD₆₈₀)¹⁵ - 0.0001 (OD₆₈₀)¹⁶ - 0.0001 (OD₆₈₀)¹⁷ - 0.0001 (OD₆₈₀)¹⁸ - 0.0001 (OD₆₈₀)¹⁹ - 0.0001 (OD₆₈₀)²⁰ - 0.0001 (OD₆₈₀)²¹ - 0.0001 (OD₆₈₀)²² - 0.0001 (OD₆₈₀)²³ - 0.0001 (OD₆₈₀)²⁴ - 0.0001 (OD₆₈₀)²⁵ - 0.0001 (OD₆₈₀)²⁶ - 0.0001 (OD₆₈₀)²⁷ - 0.0001 (OD₆₈₀)²⁸ - 0.0001 (OD₆₈₀)²⁹ - 0.0001 (OD₆₈₀)³⁰ - 0.0001 (OD₆₈₀)³¹ - 0.0001 (OD₆₈₀)³² - 0.0001 (OD₆₈₀)³³ - 0.0001 (OD₆₈₀)³⁴ - 0.0001 (OD₆₈₀)³⁵ - 0.0001 (OD₆₈₀)³⁶ - 0.0001 (OD₆₈₀)³⁷ - 0.0001 (OD₆₈₀)³⁸ - 0.0001 (OD₆₈₀)³⁹ - 0.0001 (OD₆₈₀)⁴⁰ - 0.0001 (OD₆₈₀)⁴¹ - 0.0001 (OD₆₈₀)⁴² - 0.0001 (OD₆₈₀)⁴³ - 0.0001 (OD₆₈₀)⁴⁴ - 0.0001 (OD₆₈₀)⁴⁵ - 0.0001 (OD₆₈₀)⁴⁶ - 0.0001 (OD₆₈₀)⁴⁷ - 0.0001 (OD₆₈₀)⁴⁸ - 0.0001 (OD₆₈₀)⁴⁹ - 0.0001 (OD₆₈₀)⁵⁰ - 0.0001 (OD₆₈₀)⁵¹ - 0.0001 (OD₆₈₀)⁵² - 0.0001 (OD₆₈₀)⁵³ - 0.0001 (OD₆₈₀)⁵⁴ - 0.0001 (OD₆₈₀)⁵⁵ - 0.0001 (OD₆₈₀)⁵⁶ - 0.0001 (OD₆₈₀)⁵⁷ - 0.0001 (OD₆₈₀)⁵⁸ - 0.0001 (OD₆₈₀)⁵⁹ - 0.0001 (OD₆₈₀)⁶⁰ - 0.0001 (OD₆₈₀)⁶¹ - 0.0001 (OD₆₈₀)⁶² - 0.0001 (OD₆₈₀)⁶³ - 0.0001 (OD₆₈₀)⁶⁴ - 0.0001 (OD₆₈₀)⁶⁵ - 0.0001 (OD₆₈₀)⁶⁶ - 0.0001 (OD₆₈₀)⁶⁷ - 0.0001 (OD₆₈₀)⁶⁸ - 0.0001 (OD₆₈₀)⁶⁹ - 0.0001 (OD₆₈₀)⁷⁰ - 0.0001 (OD₆₈₀)⁷¹ - 0.0001 (OD₆₈₀)⁷² - 0.0001 (OD₆₈₀)⁷³ - 0.0001 (OD₆₈₀)⁷⁴ - 0.0001 (OD₆₈₀)⁷⁵ - 0.0001 (OD₆₈₀)⁷⁶ - 0.0001 (OD₆₈₀)⁷⁷ - 0.0001 (OD₆₈₀)⁷⁸ - 0.0001 (OD₆₈₀)⁷⁹ - 0.0001 (OD₆₈₀)⁸⁰ - 0.0001 (OD₆₈₀)⁸¹ - 0.0001 (OD₆₈₀)⁸² - 0.0001 (OD₆₈₀)⁸³ - 0.0001 (OD₆₈₀)⁸⁴ - 0.0001 (OD₆₈₀)⁸⁵ - 0.0001 (OD₆₈₀)⁸⁶ - 0.0001 (OD₆₈₀)⁸⁷ - 0.0001 (OD₆₈₀)⁸⁸ - 0.0001 (OD₆₈₀)⁸⁹ - 0.0001 (OD₆₈₀)⁹⁰ - 0.0001 (OD₆₈₀)⁹¹ - 0.0001 (OD₆₈₀)⁹² - 0.0001 (OD₆₈₀)⁹³ - 0.0001 (OD₆₈₀)⁹⁴ - 0.0001 (OD₆₈₀)⁹⁵ - 0.0001 (OD₆₈₀)⁹⁶ - 0.0001 (OD₆₈₀)⁹⁷ - 0.0001 (OD₆₈₀)⁹⁸ - 0.0001 (OD₆₈₀)⁹⁹ - 0.0001 (OD₆₈₀)¹⁰⁰ - 0.0001 (OD₆₈₀)¹⁰¹ - 0.0001 (OD₆₈₀)¹⁰² - 0.0001 (OD₆₈₀)¹⁰³ - 0.0001 (OD₆₈₀)¹⁰⁴ - 0.0001 (OD₆₈₀)¹⁰⁵ - 0.0001 (OD₆₈₀)¹⁰⁶ - 0.0001 (OD₆₈₀)¹⁰⁷ - 0.0001 (OD₆₈₀)¹⁰⁸ - 0.0001 (OD₆₈₀)¹⁰⁹ - 0.0001 (OD₆₈₀)¹¹⁰ - 0.0001 (OD₆₈₀)¹¹¹ - 0.0001 (OD₆₈₀)¹¹² - 0.0001 (OD₆₈₀)¹¹³ - 0.0001 (OD₆₈₀)¹¹⁴ - 0.0001 (OD₆₈₀)¹¹⁵ - 0.0001 (OD₆₈₀)¹¹⁶ - 0.0001 (OD₆₈₀)¹¹⁷ - 0.0001 (OD₆₈₀)¹¹⁸ - 0.0001 (OD₆₈₀)¹¹⁹ - 0.0001 (OD₆₈₀)¹²⁰ - 0.0001 (OD₆₈₀)¹²¹ - 0.0001 (OD₆₈₀)¹²² - 0.0001 (OD₆₈₀)¹²³ - 0.0001 (OD₆₈₀)¹²⁴ - 0.0001 (OD₆₈₀)¹²⁵ - 0.0001 (OD₆₈₀)¹²⁶ - 0.0001 (OD₆₈₀)¹²⁷ - 0.0001 (OD₆₈₀)¹²⁸ - 0.0001 (OD₆₈₀)¹²⁹ - 0.0001 (OD₆₈₀)¹³⁰ - 0.0001 (OD₆₈₀)¹³¹ - 0.0001 (OD₆₈₀)¹³² - 0.0001 (OD₆₈₀)¹³³ - 0.0001 (OD₆₈₀)¹³⁴ - 0.0001 (OD₆₈₀)¹³⁵ - 0.0001 (OD₆₈₀)¹³⁶ - 0.0001 (OD₆₈₀)¹³⁷ - 0.0001 (OD₆₈₀)¹³⁸ - 0.0001 (OD₆₈₀)¹³⁹ - 0.0001 (OD₆₈₀)¹⁴⁰ - 0.0001 (OD₆₈₀)¹⁴¹ - 0.0001 (OD₆₈₀)¹⁴² - 0.0001 (OD₆₈₀)¹⁴³ - 0.0001 (OD₆₈₀)¹⁴⁴ - 0.0001 (OD₆₈₀)¹⁴⁵ - 0.0001 (OD₆₈₀)¹⁴⁶ - 0.0001 (OD₆₈₀)¹⁴⁷ - 0.0001 (OD₆₈₀)¹⁴⁸ - 0.0001 (OD₆₈₀)¹⁴⁹ - 0.0001 (OD₆₈₀)<

SECRET

[illegible]

1. North Carolina Capitol Grounds
 is still not in condition
 for use as a park or for
 other purposes.

1. *Chlorophyll a* (Chl *a*)

[illegible][illegible]

1953 1954 1955

THANKS, BILLIE. BESTA TO GO

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