

OLIVER & KOTYZA
CONSULTING GEOLOGISTS
PHONE 598 BOX 1755
MIDLAND, TEXAS
September 10, 1951

C. H. SWEET - REQUEST FOR SPECIAL PERMIT TO DRILL
660 feet from North line and 1325 feet from East
Line of Section 23, Township 18 South, Range 37
East, Lea County, New Mexico

*Applicants Exhibit 1
Case 306*

C. H. SWEET - REQUEST FOR SPECIAL PERMIT TO DRILL

The requested location 660 feet from North line and 1325 feet from the East line of Section 23, Township 18 South, Range 37 East, Lea County, New Mexico, is situated on the Northwest flank of the Northwest-Southeast trending Hobbs anticline. The accompanying plat is a detail contour map of the immediate area.

The Shell #1E Sloan State, SE/4 of the SE/4 Section 14, Township 18 South, Range 37 East established a water table for this section of the field when it encountered water in the top of the San Andres (white crystalline lime) at a sub sea datum of -510. The attached sample log and well history of the Shell #1 E Sloan State shows the top of the San Andres to be 4195 and at a depth of 4225 the well swabbed 100% sulphur water which could not be lowered. Since this well was drilled and abandoned in 1936 and since the Hobbs field is an excellent example of a water drive reservoir there is good reason to believe that the water table has risen to the estimated datum of -500 as indicated on the plat.

A normal 1650 feet from East line of Section 23 location would encounter the reservoir San Andres formation at or below the known water level making it useless to attempt to complete a well at that structural position. Since the dip of the Northwest part of the Hobbs structure is relatively steep it is believed that the requested location of 660 feet from the North line and 1325 feet from the East line of Section 23, will be in such a structural position as to encounter the San Andres formation at a sub sea level datum of between -470 and -480 which will be high enough to ensure a producing well (See Plat). This fact is borne out by the Sweet #2 Shell State (SE/4 of NE/4 Section 23) and the Samedan #4 C State (SW/4 of SW/4 Section 24) which are producing from a similar structural position as that occupied by the requested location.

In view of the facts that:

- (1) A producing well could not be completed at a normal location on the 40 acre tract in question.
- (2) The present day need for increased petroleum reserves.
- (3) Requests for similar locations have been granted in the past (see Samedan #3 C and #4 C State on plat), located in SW/4 of Section 24.

It is urgently requested that a special permit be granted to drill a well on the 40 acres comprising the NW/4 of the NE/4 of Section 23, Township 18 South, Range 37 East at a location

of 660 feet from the North line and 1325 feet from the East line
of the said Section 23.

A handwritten signature in cursive script, appearing to read "W. R. Donnell".

W. R. Donnell

TESTS OF THE SAN ANDRES FORMATION IN THE SHELL #1 E SLOAN
STATE - Taken from the original Shell Records

Location - 660' FSL and 330' FEL
Section 14, T 18-S, R 37-E

Elevation - 3685'

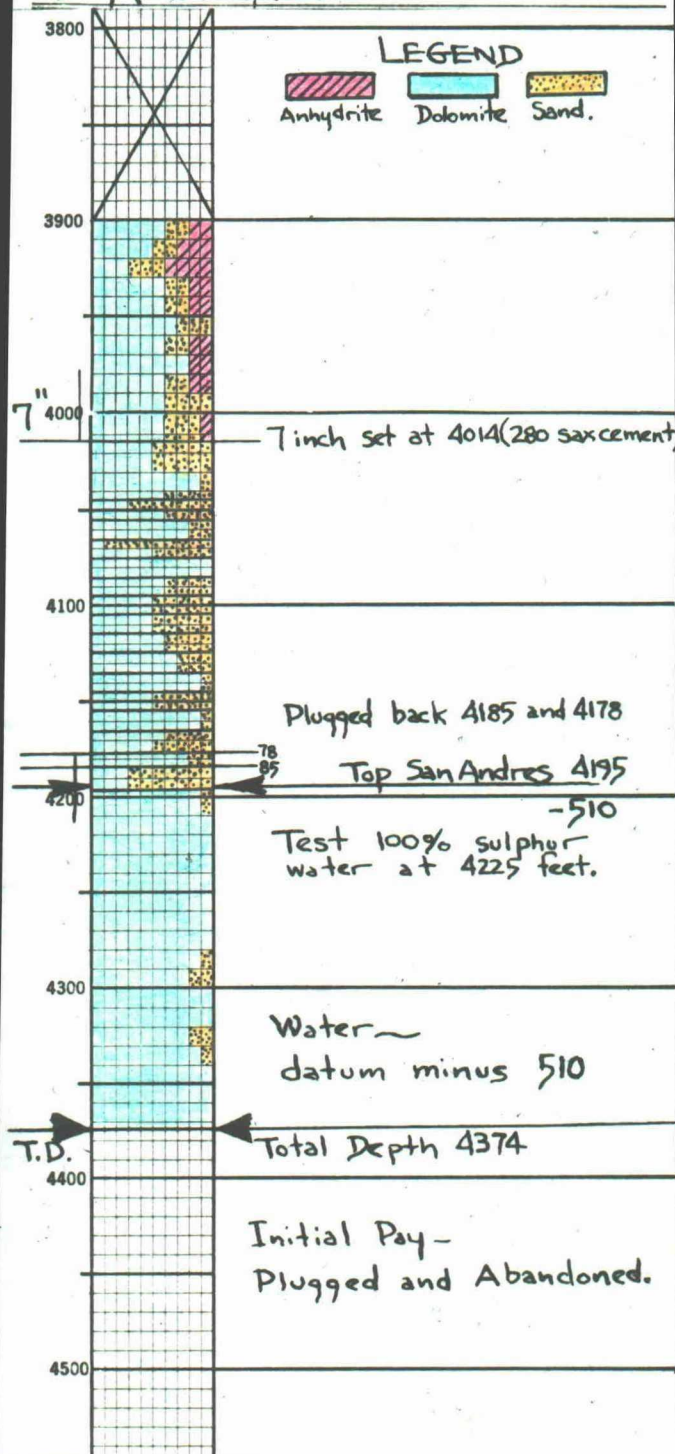
Top San Andres (white crystalline lime) 4195 - 510

At total depth of 4225' well swabbed 100% sulphur
water, could not lower with swab.

At total depth of 4271' packer at 4232' swabbed
100% sulphur water, could not lower with swab.

At total depth of 4374' packer at 4291' swabbed
100% sulphur water, could not lower with swab.

STATE New Mexico		COUNTY LEA	
BLOCK		SURVEY 660' FSL & 330' FEL of	
SEC. 14		Sec. 14	
TWP. 18S.	RGE. 37 E.	COMMENCED Dec. 2, 1935	COMPLETED June 23, 1936
		T. D. 4374	TOOLS Rotary to T.D. (4374)
		CASING RECORD	
		LOGGED W.R.P.	
WELL NO. 1		REMARKS BY F. Kotlyza	
LEASE State-Sloan 'E'			
COMPANY Shell			
ELEV. 3685			
PROD. Dry & Abandoned.			



~~Rough~~

Before the O.C.C.
of the State of N.M.

in the matter of the hearing
called by the oil conservation
commission of new Mexico for
the purpose of considering:

Case No. 306

Order No. _____

The matter of the application
of C.H. Sweet for permission
to drill an unorthodox location
1325 feet west of the east line
and 660 feet south of the
north line, Section 23,
Township 18 South, Range 37 East,
N.M.P.M., Lea County, New Mexico

Order of the Commission

By the Commission

This cause came on for hearing at 10 A.M., on
September 13, 1951, before the oil conservation commission
of new Mexico, hereinafter referred to as the "commission,"
with Commission Director R.R. Spurr sitting for
the purpose of taking testimony only, upon the
application of C.H. Sweet for permission to drill
on an unorthodox location on lands in Lea County.

Now, on this day of September, 1951, the
Commission, a quorum being present, and having
considered all of the testimony adduced and exhibits
(introduced) ~~submitted~~ at said hearing, and being fully advised in the premises,

FINDS: (1). That due public notice having been
given as required by law the Commission has jurisdiction
of the case and the subject matter thereof and the parties
interested therein.

(2). Due to geological conditions it is unlikely that a well drilled by applicant C.H. Sweet in an orthodox location on his lease in NW/4, NE/4, Section 23, Township 18 South, Range 37 East, NM PM, Lea County, New Mexico.

(3) Applicant should be permitted to locate his well 660 feet from the North line and 1325 feet from the East line of Section 23, Township 18 South, Range 37 East, NM PM, and such location will not disturb the correlative rights of adjoining owners.

It is therefore ordered: That C.H. Sweet be permitted to drill a well

660 feet from the North Line and
1325 feet from the East line, Section 23,
Township 18 South, Range 37 East, NM PM

Done at Santa Fe, New Mexico, on the day and
year hereinabove written.

State of N.M.

o c c

E.L.M.

G.S.

P.O.P.

September 20, 1951

To:
The Oil Conservation Commission,
Santa Fe, New Mexico.
Attention: Mr. R. R. Spurrier.

Gentlemen:

This is to advise that the State Land Office of the State of New Mexico has received a communication from W. D. Girand, Jr. enclosing the report prepared by W. R. Donnell in regard to the request for an unorthodox location filed by C. H. Sweet on the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 23, Township 18 South, Range 37 East.

The State of New Mexico through the State Land Office of said state as owners of the minerals unleased covering the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 23, Township 18 South, Range 37 East, consents to the granting of permission to drill at a point 1325 feet West of the East Line and 660 feet South of the North Line of Section 23, to C. H. Sweet.

DATED this the _____ day of September, 1951.

STATE LAND OFFICE OF THE
STATE OF NEW MEXICO,

BY

Guy Shepard

September 20, 1951

To:
The Oil Conservation Commission,
Santa Fe, New Mexico.
Attention: Mr. R. R. Spurrier.

Gentlemen:

This is to advise that the State Land Office of the State of New Mexico has received a communication from W. D. Girand, Jr. enclosing the report prepared by W. R. Donnell in regard to the request for an unorthodox location filed by C. H. Sweet on the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 23, Township 18 South, Range 37 East.

The State of New Mexico through the State Land Office of said state as owners of the minerals unleased covering the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 23, Township 18 South, Range 37 East, consents to the granting of permission to drill at a point 1325 feet West of the East Line and 660 feet South of the North Line of Section 23, to C. H. Sweet.

DATED this the _____ day of September, 1951.

STATE LAND OFFICE OF THE
STATE OF NEW MEXICO,

BY



DOMESTIC SERVICE	
Check the class of service desired; otherwise this message will be sent as a full rate telegram	
FULL RATE TELEGRAM	SERIAL
DAY LETTER	NIGHT LETTER

WESTERN UNION

1206

INTERNATIONAL SERVICE	
Check the class of service desired; otherwise this message will be sent at the full rate	
FULL RATE	LETTER TELEGRAM
VICTORY LETTER	SHIP RADIOGRAM

W. P. MARSHALL, PRESIDENT

NO. WDS.-CL. OF SVC.	PD. OR COLL.	CASH NO.	CHARGE TO THE ACCOUNT OF	TIME FILED
			OIL CONSERVATION COMMISSION	

Send the following message, subject to the terms on back hereof, which are hereby agreed to

MR W D GIRAND JR
NEAL AND GIRAND
HOBBS N M

OCTOBER 8 1951

ORDER R-95 GRANTING SWEET APPLICATION APPROVED BY COMMISSION

COPY MAILED YOU

OIL CONSERVATION COMMISSION
JASON KELLAHN

File - Case 306

Accounting

NEAL & GIRAND
LAWYERS
NEAL BUILDING
HOBBS, NEW MEXICO

October 3, 1951

Oil Conservation Commission,
State Capitol,
Santa Fe, New Mexico.

Attention: Mr. R. R. Spurrier.

In re: Case No. 306

Gentlemen:

I have just been advised today by the Amerada Petroleum Corporation that waiver for unorthodox location requested by Mr. C. H. Sweet has been mailed to your office. I believe that with the receipt of this waiver the Commission can now act upon our application.

I would appreciate your advising by wire whether or not the application is granted.

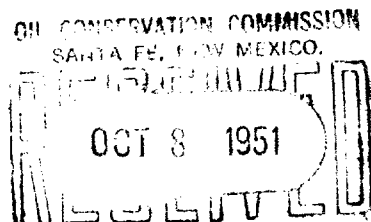
Very truly yours,

NEAL & GIRAND,

BY:



G/lis



GENERAL OFFICES
120 BROADWAY NEW YORK

AMERADA PETROLEUM CORPORATION

BEACON BUILDING

P. O. BOX 2040

TULSA 2, OKLA.

October 2, 1951

Case # 306

The Oil Conservation Commission
Santa Fe, New Mexico

Attention: Mr. R. R. Spurrier

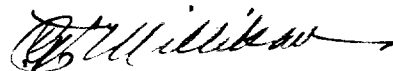
Gentlemen:

We are advised that C. H. Sweet has made application for an unorthodox location in the Hobbs Field, Lea County. The proposed location is 660' south of the north line and 1325' west of the east line of Section 23, Township 18 South, Range 37 East. Amerada Petroleum Corporation owns leases offsetting the above lease and hereby waives objection to granting a permit for the unorthodox location as described above.

Very truly yours,

AMERADA PETROLEUM CORPORATION

By

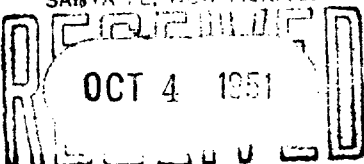


C. V. Millikan

CVM/mw

cc: Messrs. Neal & Girand
Attorneys at Law
Neal Building
Hobbs, New Mexico

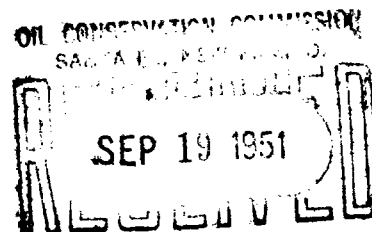
Case 306
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO.



W. D. GIRAND, SR.

NEAL & GIRAND
LAWYERS
NEAL BUILDING
HOBBS, NEW MEXICO

September 17, 1951



Hon. Guy H. Shepard,
State Land Office,
Santa Fe, New Mexico.

Dear Sir:

On September 13, 1951 C. H. Sweet, owner of Oil & Gas Lease covering the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 23, Township 18 South, Range 37 East, Lea County, New Mexico, had a hearing on his application for permission to drill an unorthodox location, to-wit: 1325 feet West of the East Line and 660 feet South of the North Line of said Section 23.

At the time of the hearing it was disclosed that the State of New Mexico owns the minerals unleased covering the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 23, Township 18 South, Range 37 East, being the forty immediately West of the C. H. Sweet property, and that the State had not been notified of the time and place of hearing. The Commission advised that a Consent from your department would be satisfactory, and that the record produced at the hearing could be considered along with your request.

For your information this property was previously under Oil & Gas Lease issued by your department and numbered B-9304 in favor of the Tidewater Associated Oil Company, which lease expired for failure to pay rentals on September 10, 1951.

For your convenience, we are enclosing consent which we would appreciate your executing and filing with the Commission.

Thanking you, we remain

Very truly yours,

NEAL & GIRAND,

BY:

A handwritten signature in dark ink, appearing to read "W. D. Girand, Sr.", written over the "BY:" line.

G/lr
encls.

cc: Oil Conservation Commission, State Capitol, Santa Fe, N.M.
Mr. C. H. Sweet, 412 North Dal Paso, Hobbs, New Mexico.

September____, 1951

To:
The Oil Conservation Commission,
Santa Fe, New Mexico.
Attention: Mr. R. R. Spurrier.

Gentlemen:

This is to advise that the State Land Office of the State of New Mexico has received a communication from W. D. Girand, Jr. enclosing the report prepared by W. R. Donnell in regard to the request for an unorthodox location filed by C. H. Sweet on the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 23, Township 18 South, Range 37 East.

The State of New Mexico through the State Land Office of said state as owners of the minerals unleased covering the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 23, Township 18 South, Range 37 East, consents to the granting of permission to drill at a point 1325 feet West of the East Line and 660 feet South of the North Line of Section 23, to C. H. Sweet.

DATED this the _____ day of September, 1951.

STATE LAND OFFICE OF THE
STATE OF NEW MEXICO,

BY _____

C. H. NEAL
W. D. GIRAND, JR.

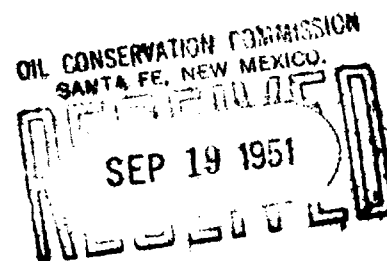
TELEPHONES: 54 & 854
P. O. BOX 1326

W. D. GIRAND, SR.

NEAL & GIRAND

LAWYERS
NEAL BUILDING
HOBBS, NEW MEXICO

September 17, 1951



Amerada Petroleum Corporation,
Midland, Texas.

Gentlemen:

On September 13, 1951 C. H. Sweet, owner of Oil & Gas Lease covering the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 23, Township 18 South, Range 37 East, Lea County, New Mexico, had a hearing on his application for permission to drill an unorthodox location, to-wit: 1325 feet west of the East line and 660 feet South of the North Line of said Section 23.

At the time of the hearing it was disclosed that your company as holder of State Oil & Gas Lease No. A-1469, held a lease on the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 14, Township 18 South, Range 37 East, being the forty immediately North of the C. H. Sweet property, had not been notified of the time and place of hearing. The Commission advised that a Consent from your company would be satisfactory, and that the record produced at the hearing could be considered along with your consent.

We are enclosing a copy of the Engineer's report substantiating the reason for the unorthodox location, together with supporting exhibits. We are also enclosing a form of Consent to be executed by your proper officer consenting to the granting of the application.

We would appreciate your giving this matter your immediate attention.

Thanking you, we remain

Very truly yours,

NEAL & GIRAND,

BY: 

G/lr
encls.

cc: Oil Conservation Commission, State Capitol, Santa Fe, N.M.
Mr. C. H. Sweet, 412 North Dal Paso, Hobbs, New Mexico.

September____, 1951.

To:
The Oil Conservation Commission,
Santa Fe, New Mexico.
Attention: Mr. R. R. Spurrier.

Gentlemen:

This is to advise that the Amerada Petroleum Corporation has received a communication from W. D. Girand, Jr. enclosing the report prepared by W. R. Donnell in regard to the request for an unorthodox location filed by C. H. Sweet on the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 23, Township 18 South, Range 37 East.

As owners of an Oil & Gas lease covering the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 14, Township 18 South, Range 37 East, we consent to the granting of permission to drill at a point 1325 feet West of the East Line and 660 feet South of the North Line of Section 23, to C. H. Sweet.

DATED this the _____ Day of September, A.D., 1951.

AMERADA PETROLEUM CORPORATION,

BY _____

TELEPHONES
OFFICE 1251
SHOP 398-W

SWEET
OIL WELL EQUIPMENT
INCORPORATED

August 18, 1951

424 NORTH DAL PASO
P. O. BOX 1115
HOBBS, NEW MEXICO

Case 306

IN THE MATTER OF THE APPLICATION OF
C. H. SWEET FOR PERMISSION TO DRILL
UNORTHODOX LOCATION 1325' WEST OF
EAST LINE AND 660' SOUTH OF NORTH
LINE, SECTION 23, T-18-S, R-37-E,
LEA COUNTY, NEW MEXICO

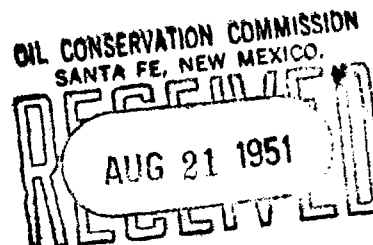
TO THE STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Now comes C. H. Sweet, Petitioner, in the above matter and respectfully
requests the Commission to grant a hearing and the right to present
argument and or exhibits supporting request.

Respectfully submitted,

C. H. SWEET OIL PRODUCER

/s/



YOU CAN ALWAYS GET A

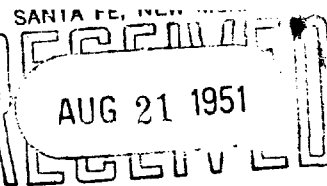
SWEET

PACKER OUT OF THE HOLE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL



Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling 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 triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hobbs, New Mexico

Place

August 18, 1951

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico,

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as _____

C. H. Sweet

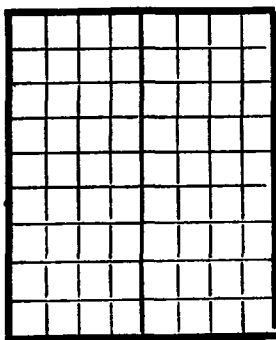
Company or Operator

Lease

well No. 3-A in NE NE NE

of Sec. 23, T. 18-S, R. 37-E, N. M., P. M., NW Hobbs Field, Lea County.

N



AREA 640 ACRES

LOCATE WELL CORRECTLY

The well is 660 feet (N.) (S.) of the North line and 1325 feet (E.) (W.) of the East line of Sec. 23, T-18-S, R-37-E,

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. NM 1179 Assignment No. B-9261

If patented land the owner is _____

Address _____

If government land the permittee is _____

Address _____

The lessee is _____

Address _____

We propose to drill well with drilling equipment as follows: Rotary

The status of a bond for this well in conformance with Rule 89 of the General Rules and Regulations of the Commission is as follows: Has been filed

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
11"	8-5/8"	22.7	New	260'	Cemented	125 to Surface
6-3/4"	5-1/2"	17#	New	3940	Cemented	300

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 3950 feet.

Additional information:

Approved _____, 19____
except as follows:

Sincerely yours,

C. H. Sweet

Company or Operator

By

C. H. Sweet

Position

Owner

Send communications regarding well to:

Name C. H. Sweet

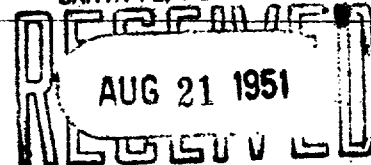
Address Box 1115, Hobbs, New Mexico

OIL CONSERVATION COMMISSION,

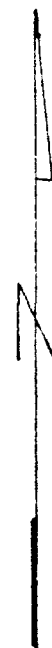
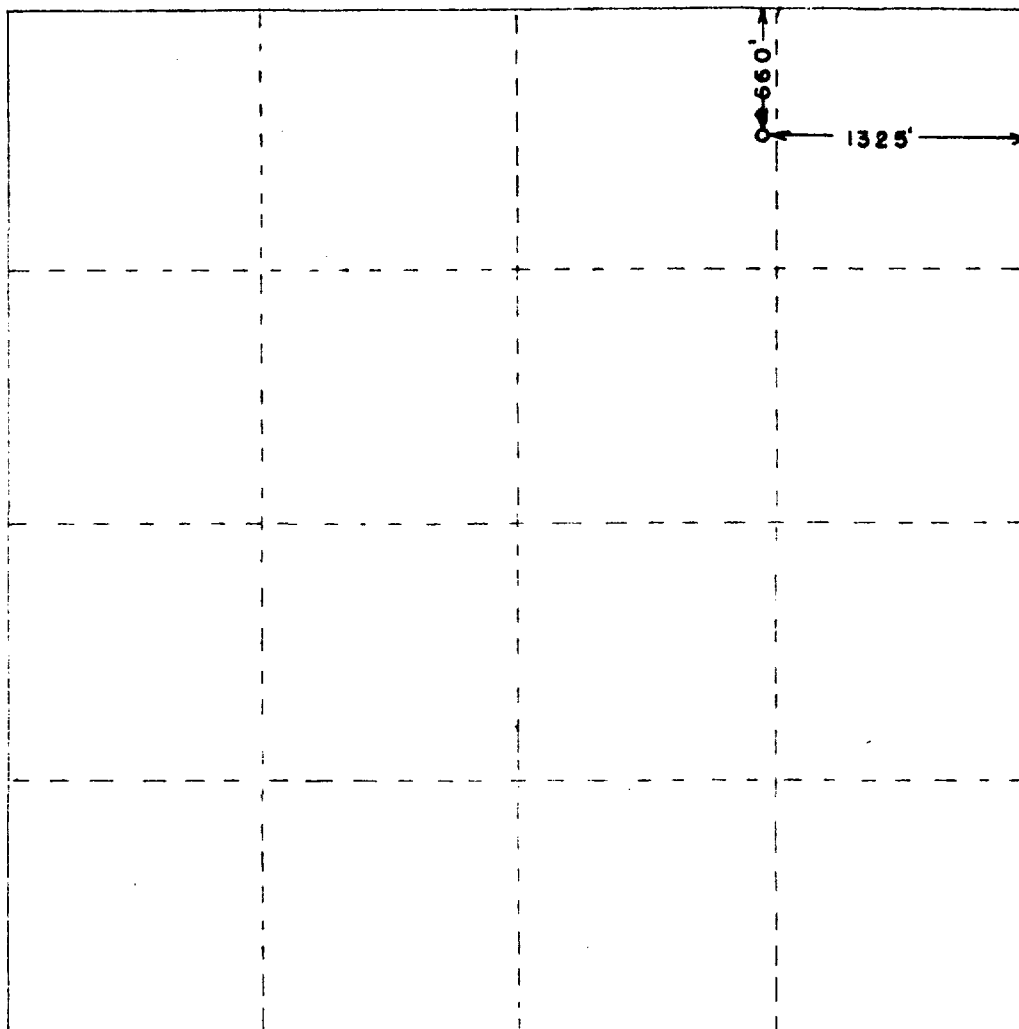
By _____

Title _____

WELL LOCATION SURVEY PLAT



COMPANY C H SWEET
 LEASE STATE F
 WELL NO. 3



SEC. 23, TWP. 18 S., RGE. 37 E., N.M.P.M.

I HEREBY CERTIFY THAT THIS PLAT WAS MADE
 FROM NOTES TAKEN IN THE FIELD BY ME AND THAT
 THE SAME IS TRUE AND CORRECT TO THE BEST
 OF MY KNOWLEDGE AND BELIEF

John W West

JOHN W. WEST, P E & L S NO. 676

AUG. 18, 1951

Case No.

306

Large Exhibits