



SINCLAIR OIL & GAS COMPANY

P. O. Box 1470
MIDLAND, TEXAS 79701

October 19, 1966

1966 OCT 21 AM 8 11

WEST TEXAS REGION

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

SMD-62
Due Nov 5

Attention: Mr. A. L. Porter, Jr.,
Secretary and Director

Gentlemen:

Enclosed please find Sinclair Oil & Gas Company's "APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION" along with pertinent attachments for our State Lea 403 Well No. 7 in the Vacuum Field Area, Lea County, New Mexico. Sinclair proposes to recomplete this dry hole so as to inject produced salt water from three (3) nearby leases into the Yates, Queen, San Andres and Delaware formations through subject well.

All Offset Operators within 1/2 mile of the well, the State Engineer and the Surface Lessees, as listed below, have been furnished copies of this Application and letter this date and are hereby requested, if they have no objection, to sign two (2) copies of the letter and return to the undersigned.

Please advise if you desire additional information concerning this matter.

Yours very truly,

R. E. Powers
R. E. Powers,
Engineering Supervisor

RMA/ar

cc: Union Oil of California
619 W. Texas
Midland, Texas 79701

New Mexico State Engineer
Capitol Building
Santa Fe, New Mexico

Skelly Oil Company
P. O. Box 1650
Tulsa, Oklahoma
Attn: Mr. George W. Selinger

Scharbauer Cattle Company
111 So. Loraine
Midland, Texas 79701

The undersigned has no objection to the salt water disposal Application referred to above.

Company _____

By _____

Date _____

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR SINCLAIR OIL & GAS COMPANY		ADDRESS P. O. Box 1470, Midland, Texas 79701	
LEASE NAME State Lea 403	WELL NO. 7	FIELD Vacuum Area	COUNTY Lea
LOCATION UNIT LETTER 0 ; WELL IS LOCATED 735 FEET FROM THE South LINE AND 2055 FEET FROM THE East LINE, SECTION 16 TOWNSHIP 18S RANGE 35E NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13 3/8	406	410	Circulated	Observation
INTERMEDIATE	9 5/8	3990	1750	Circulated	Observation
LONG STRING	None				
TUBING	3 1/2	3950	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model N-1 @ 3950		
NAME OF PROPOSED INJECTION FORMATION Yates-Queen, San Andres-Delaware			TOP OF FORMATION See Log		BOTTOM OF FORMATION 6782
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS?		PERFORATIONS OR OPEN HOLE?	PROPOSED INTERVAL(S) OF INJECTION		
Tubing		Open Hole	3990-6600		
IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?			HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?	
No	Devonian Test (Abandoned in Mississippi)			No	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH					
None					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA	
Ogalalla 350 (approx.)		None		Bone Spring - 6782'	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)
	1500	2500	Closed	Pressure	1500 PSI
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE -			WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?
			Yes	Yes	No
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)					
Scharbauer Cattle Company, 111 South Loraine, Midland, Texas 79701					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL					
Union Oil of California, 619 W. Texas, Midland, Texas 79701					
Skelly Oil Company, P. O. Box 1650, Tulsa, Oklahoma					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	
		Yes		Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		PLAT OF AREA		ELECTRICAL LOG	
		Yes		Yes	
				THE NEW MEXICO STATE ENGINEER	
				Yes	
				DIAGRAMMATIC SKETCH OF WELL	
				Yes	

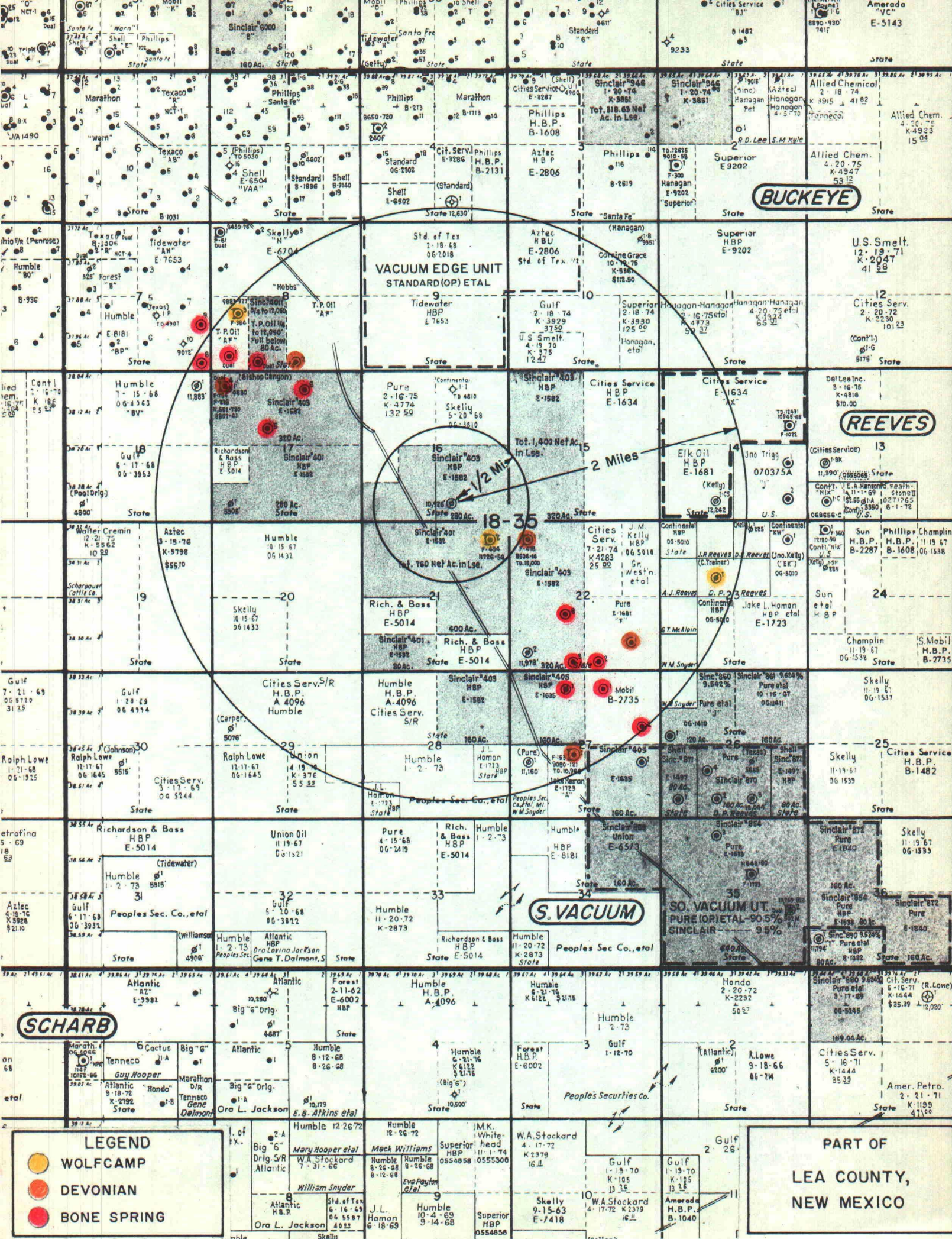
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

R. E. Powers
R. E. Powers (Signature)

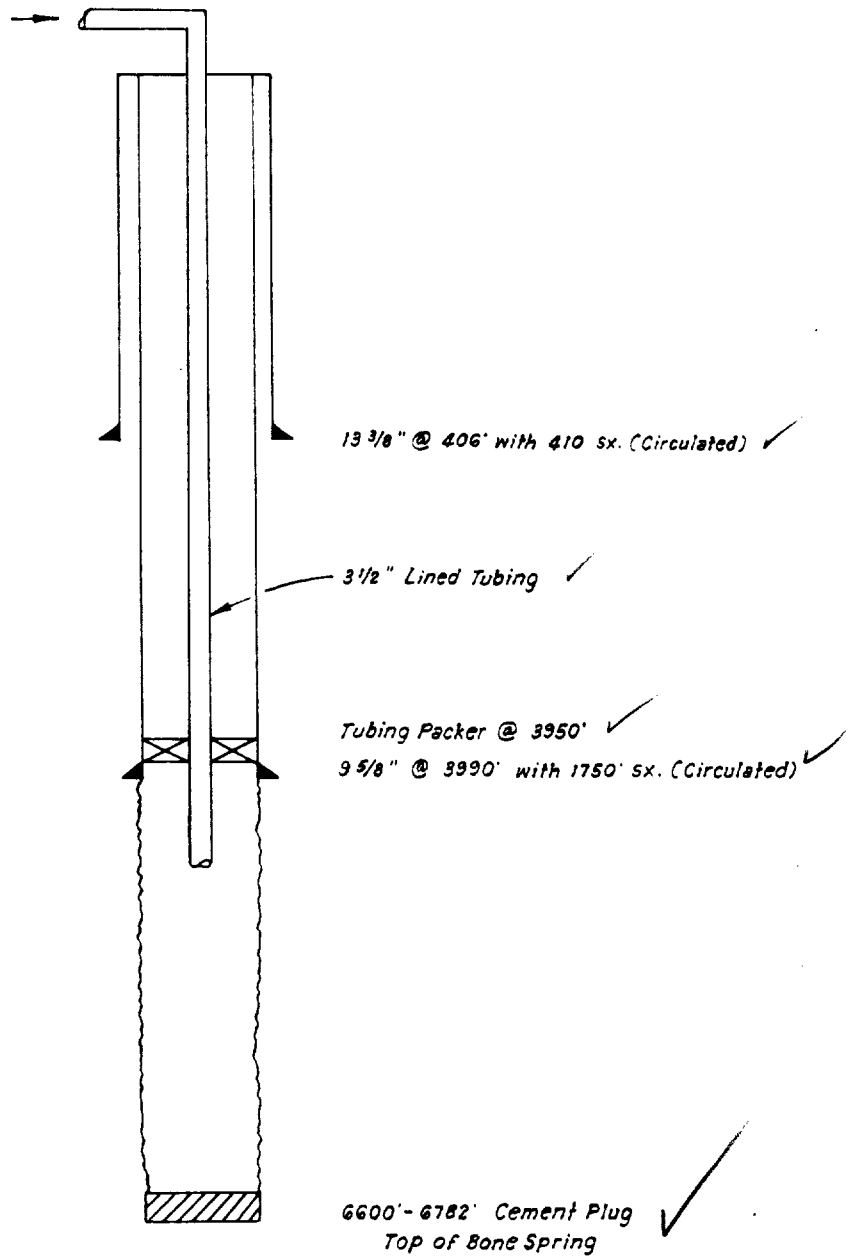
Engineering Supervisor
 (Title)

October 19, 1966
 (Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.



SINCLAIR OIL & GAS COMPANY
STATE LEA 403 - WELL NO. 7
PROPOSED SALTWATER DISPOSAL WELL
VACUUM AREA
LEA COUNTY, NEW MEXICO





SINCLAIR OIL & GAS COMPANY

P. O. Box 1470
MIDLAND, TEXAS 79701

November 9, 1966

WEST TEXAS REGION

*File
SWD-62*

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

Attention: Mr. A. L. Porter, Jr.
Secretary and Director

Gentlemen:

Our October 19, 1966 letter transmitted an application for salt water disposal in Sinclair's State Lea 403 Well No. 7, Vacuum Pools Area and requested waivers from offset operators and surface lessees.

These waivers have been received and are transmitted to you herewith for your files.

Yours very truly,

R. E. Powers

R. E. Powers
Engineering Supervisor

DWC/hl

Enclosures



SINCLAIR OIL & GAS COMPANY

P. O. Box 1470
MIDLAND, TEXAS 79701

October 19, 1966

WEST TEXAS REGION

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.,
Secretary and Director

Gentlemen:

Enclosed please find Sinclair Oil & Gas Company's "APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION" along with pertinent attachments for our State Lea 403 Well No. 7 in the Vacuum Field Area, Lea County, New Mexico. Sinclair proposes to recomplate this dry hole so as to inject produced salt water from three (3) nearby leases into the Yates, Queen, San Andres and Delaware formations through subject well.

All Offset Operators within 1/2 mile of the well, the State Engineer and the Surface Lessees, as listed below, have been furnished copies of this Application and letter this date and are hereby requested, if they have no objection, to sign two (2) copies of the letter and return to the undersigned.

Please advise if you desire additional information concerning this matter.

Yours very truly,


R. E. Powers,
Engineering Supervisor

RMA/ar

cc: Union Oil of California
619 W. Texas
Midland, Texas 79701

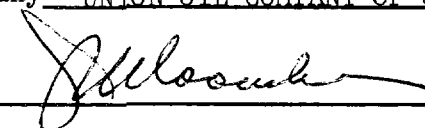
New Mexico State Engineer
Capitol Building
Santa Fe, New Mexico

Skelly Oil Company
P. O. Box 1650
Tulsa, Oklahoma
Attn: Mr. George W. Selinger

Scharbauer Cattle Company
111 So. Loraine
Midland, Texas 79701

The undersigned has no objection to the salt water disposal Application referred to above.

Company UNION OIL COMPANY OF CALIFORNIA

By  _____

Date October 31, 1966



SINCLAIR OIL & GAS COMPANY

P. O. Box 1470
MIDLAND, TEXAS 79701

October 19, 1966

WEST TEXAS REGION

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.,
Secretary and Director

Gentlemen:

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R. E. Powers,
Engineering Supervisor

RMA/ar

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619 W. Texas
Midland, Texas 79701

New Mexico State Engineer
Capitol Building
Santa Fe, New Mexico

Skelly Oil Company
P. O. Box 1650
Tulsa, Oklahoma
Attn: Mr. George W. Selinger

Scharbauer Cattle Company
111 So. Loraine
Midland, Texas 79701

The undersigned has no objection to the salt water disposal Application referred to above.

Company

Scharbauer Cattle Company

By

Clarence Scharbauer Jr.

Date

11/7/66



SINCLAIR OIL & GAS COMPANY

P. O. Box 1470
MIDLAND, TEXAS 79701

October 19, 1966

RECEIVED	
OCT 24 1966	
ENGINEERING	
FILE	10-24
REP	
ENVY	
EGA	
RMA	<input checked="" type="checkbox"/>
JSM	
QWC	
WEL	
CTD	
STC	

WEST TEXAS REGION

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.,
Secretary and Director

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Yours very truly,

R. E. Powers
R. E. Powers,
Engineering Supervisor

RMA/ar

cc: Union Oil of California
619 W. Texas
Midland, Texas 79701

New Mexico State Engineer
Capitol Building
Santa Fe, New Mexico

Skelly Oil Company
P. O. Box 1650
Tulsa, Oklahoma
Attn: Mr. George W. Selinger

Scharbauer Cattle Company
111 So. Loraine
Midland, Texas 79701

The undersigned has no objection to the salt water disposal Application referred to above.

Company

Skelly Oil Co.

By

George W. Selinger

Date

10/21/66



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

October 27, 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

1966 OCT 23 AM 10 00

Dear Mr. Porter:

Reference is made to the application of Sinclair Oil & Gas Company dated October 14, 1966 which seeks administrative approval to convert their State Lea 403 well #7 in Sec. 16, T.18 S., R. 35 E., to a salt water disposal.

I have reviewed the application and the attached exhibits and offer no objection to the granting of this application, provided the well is completed and operated in the manner indicated by the application and the exhibits submitted therewith.

FEI/ma
cc-Sinclair Oil & Gas Co.
F. H. Hennighausen

Yours truly,

S. E. Reynolds
State Engineer

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

NOV 7 1966

OIL CONSERVATION COMMISSION
1 DISTRICT

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE Nov. 2, 1966

Re: Proposed NSP _____
Proposed Triple _____
Proposed NSL _____
Proposed NFO _____
Proposed DC _____

SWD X

Gentlemen:

I have examined the application dated 10/31/66
for the Sinclair Oil & Gas Co. State Lea 403 #7 16-18-35
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

O.K.---E.F.E.

O.K.---J.W.R.

Yours very truly,

