

CASE 3720: Application of SINCLAIR
OIL & GAS CO. FOR SALT WATER
DISPOSAL, EDDY COUNTY, N. MEX.

Case No.

3720

Application, Transcript,
Small Exhibits, Etc.

GOVERNOR
DAVID F. CARGO
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
GUYTON B. HAYS
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 2088
SANTA FE

February 12, 1968

Mr. Charles White
White, Gilbert, Koch & Kelly
Attorneys at Law
Post Office Box 787
Santa Fe, New Mexico

Re: Case No. 3720
Order No. R-3378
Applicant:
Sinclair Oil & Gas Company

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Carbon copy of order also sent to:

Hobbs OCC x

Artesia OCC x

Aztec OCC

Other Mr. D. E. Gray - State Engineer Office

**BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO**

**IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:**

CASE No. 3720
Order No. R-3378

**APPLICATION OF SINCLAIR OIL & GAS
COMPANY FOR SALT WATER DISPOSAL,
EDDY COUNTY, NEW MEXICO.**

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on February 7, 1968, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 12th day of February, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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 this cause and the subject matter thereof.

(2) That the applicant, Sinclair Oil & Gas Company, is the owner and operator of the Turner "B" Well No. 73, located in Unit C of Section 29, Township 17 South, Range 31 East, NMPM, Cedar Lake-Abo Pool, Eddy County, New Mexico.

(3) That the applicant proposes to utilize said well to dispose of produced salt water into the Abo formation, with injection into the perforated interval from approximately 6982 feet to 7092 feet.

(4) That the injection should be accomplished through 2-inch internally plastic-coated tubing installed in a packer set at approximately 6957 feet; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge

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CASE No. 3720

Order No. R-3378

should be attached to the annulus or the annulus left open at the surface in order to determine leakage in the tubing or packer.

(5) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

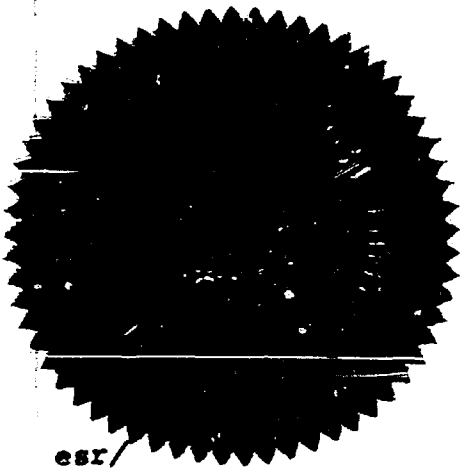
(1) That the applicant, Sinclair Oil & Gas Company, is hereby authorized to utilize its Turner "B" Well No. 73, located in Unit C of Section 29, Township 17 South, Range 31 East, NMPM, Cedar Lake-Abo Pool, Eddy County, New Mexico, to dispose of produced salt water into the Abo formation, injection to be accomplished through 2-inch tubing installed in a packer set at approximately 6957 feet, with injection into the perforated interval from approximately 6982 feet to 7092 feet;

PROVIDED HOWEVER, that the tubing shall be internally plastic-coated; that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus or the annulus left open at the surface in order to determine leakage in the tubing or packer.

(2) That the applicant shall submit monthly reports of its disposal operations in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

David F. Cargo
DAVID F. CARGO, Chairman

Guyton B. Hays
GUYTON B. HAYS, Member

A. L. Porter, Jr.
A. L. PORTER, Jr., Member & Secretary

esr/

Case 3720

Heard. 2-7-68

Rec. 2-7-68

1. Grant. Sundry permission to
to convert the Turner B'

73 - C-29-17S-31E. Cole Lake Abs.
pool. to a S.W.D. well.

Packer to be set at approx. 6957"
on 2" Plastic coated tubing. The
4 1/2 x 2" annulus shall be filled
with inhibited fluid.

Injection shall be thru pump
at approx 6952-7092 into the
abs formation.

Thos. J. [Signature]

DOCKET: EXAMINER HEARING - WEDNESDAY - FEBRUARY 7, 1968

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Elvis A. Utz, Examiner, or Daniel S. Nutter, Alternate Examiner:

CASE 3719: Application of Amerada Petroleum Corporation for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Siluro-Devonian formation in the interval from 11,010 feet to 11,325 feet in its L. H. Chambers Well No. 1 located in Unit F of Section 11, Township 12 South, Range 33 East, Bagley Field, Lea County, New Mexico.

CASE 3720: Application of Sinclair Oil & Gas Company for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Abo formation in the interval from 6982 to 7092 feet in its Turner "B" Well No. 73, located in Unit C of Section 29, Township 17 South, Range 31 East, Cedar Lake-Abo Pool, Eddy County, New Mexico.

CASE 3348: (Reopened)

In the matter of Case No. 3348 being reopened pursuant to the provisions of Order No. R-3019-A, which order extended 80-acre spacing units for the South Prairie-San Andres Pool, Roosevelt County, New Mexico, for a period of 14 months. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing units.

CASE 3351: In the matter of Case No. 3351 being reopened pursuant to the provisions of Order No. R-3022-A, which order extended 640-acre spacing units for the Dos Hermanos-Morrow Gas Pool, Lea County, New Mexico, for a period of 14 months. All interested parties may appear and show cause why said pool should not be developed on 320-acre spacing units.

CASE 3520: (Reopened)

In the matter of Case No. 3520 being reopened pursuant to the provisions of Order No. R-3184, which order established 80-acre spacing units for the Northeast Bagley-Wolfcamp Pool, Lea County, New Mexico, for a period of one year. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing units.

CASE 3721: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit H. E. Barnes and all other interested parties to appear and show cause why the H. E. Barnes Levers State Well No. 1 and the H. E. Barnes Levers State Well No. 2, located in Units G and H, respectively, of Section 32, Township 7 South, Range 26 East, Pecos-San Andres Pool, Chaves County, New Mexico, should not be ordered plugged and abandoned in accordance with a Commission-approved plugging program.



SINCLAIR OIL & GAS COMPANY

P. O. Box 1470
MIDLAND, TEXAS 79701
January 4, 1968

Feb. 7th

Case 3720

*S. J. Porter
Secretary*

WEST TEXAS REGION

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

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

MAIN OFFICE

68 JAN 10 AM 8 39

Dear Sir:

Sinclair Oil & Gas Company respectfully requests Administrative approval under Statewide Rule 701,C, to dispose of produced salt water into its Turner "B" Lease Well No. 73, located in Section 29, T-17S, R-31E, Cedar Lake Abo Pool, Eddy County, New Mexico.

The one offset Operator, listed below, and the State Engineer's office have been notified of this application by copy thereof this date.

Attached please find: Plat of Area; Electrical Log; Diagrammatic Sketch of Well and form C-108.

Yours very truly,

R. M. Anderson

R. M. Anderson
Region Regulatory Engineer

RMA/CHO/ar

cc: United States Geological Survey
Drawer "U"
Artesia, New Mexico 88210
Attn: Mr. James A. Knauf

State Engineering Office
Capital Building
Santa Fe, New Mexico

Skelly Oil Company
P. O. Box 730
Hobbs, New Mexico

DOCKET MAILED
Date 1-25-68

NEW MEXICO OIL CONSERVATION COMMISSION *Case 3720*
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 Turner "B"	WELL NO. 73	FIELD Cedar Lake Abo	COUNTY Eddy
LOCATION UNIT LETTER C ; WELL IS LOCATED 380' FEET FROM THE North LINE AND 1980' FEET FROM THE West LINE, SECTION 29 TOWNSHIP 175 RANGE 31E NMPM.			

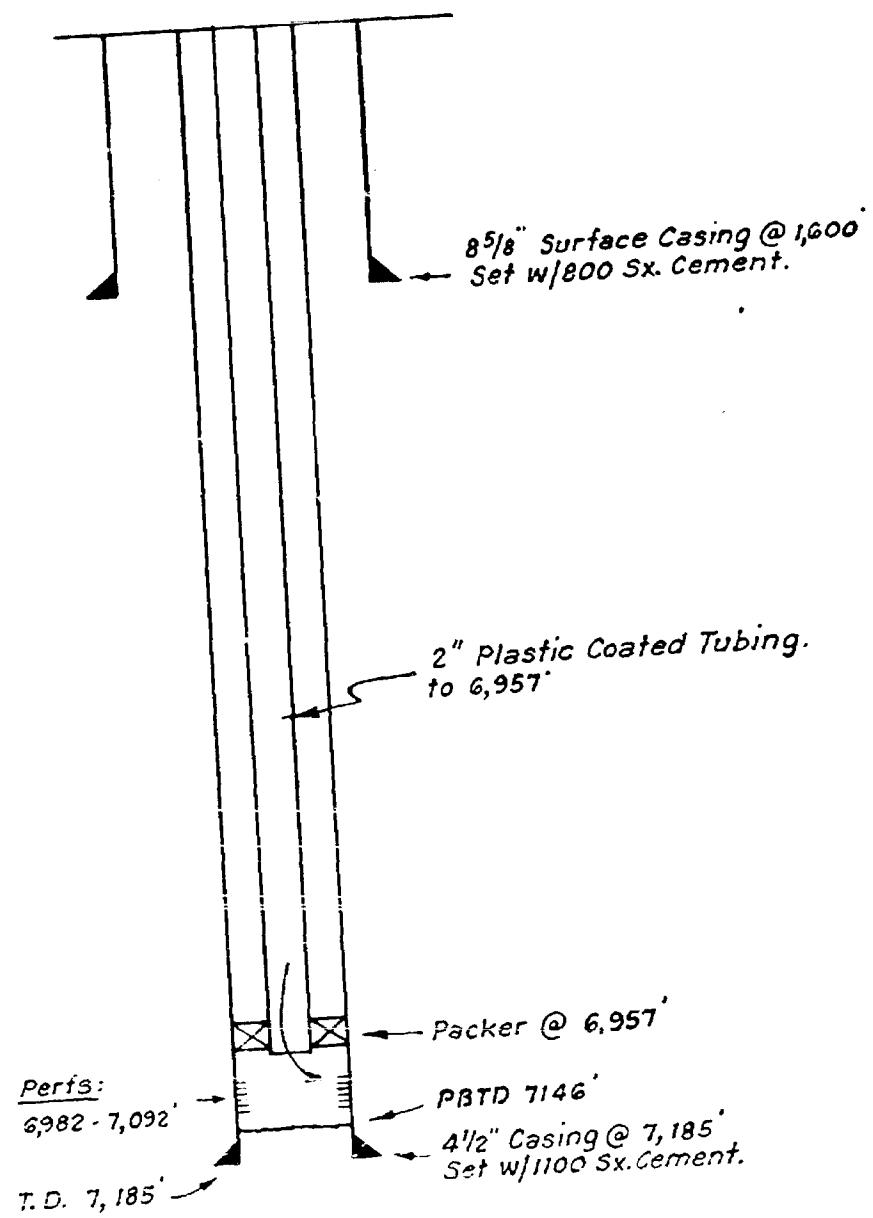
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8 5/8"	1600'	800 sx.	Surface	Circulated
INTERMEDIATE					
LONG STRING	4 1/2"	7185'	1100 sx.	590	Temp. Svy.
TUBING	2"	5540	NAME, MODEL AND DEPTH OF TUBING PACKER None		
NAME OF PROPOSED INJECTION FORMATION 6982-86, 6994-7008, 7024-36, 7084-92 Abo			TOP OF FORMATION 6952'		BOTTOM OF FORMATION 7146'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing			PERFORATIONS OR OPEN HOLES? PROPOSED INTERVAL(S) OF INJECTION Perforations 6982-7092'		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? 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 480'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA 4854'		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 3300'	
ANTICIPATED DAILY INJECTION VOLUME (BBL/S.)	MINIMUM 300	MAXIMUM 1,000	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1,000 (Max.) Vacuum-
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 Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? No
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) United States Dept. of Interior - USGS, Drawer "U", Artesia, New Mexico - Attn: Mr. James A. Kneuf					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Skelly Oil Company P. O. Box 730 Hobbs, New Mexico					
68 JAN 10 AM					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		PLAY OF AREA Yes		ELECTRICAL LOG 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.

[Signature] **Region Regulatory Engineer** **January 4, 1968**
(Signature) (Title) (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.

DIAGRAMMATIC SKETCH OF
PROPOSED INSTALLATION.



SINCLAIR OIL & GAS CO.
TURNER "B" No. 73
CEDAR LAKE (ABO) POOL
380' FNL AND 1980' FWL SEC. 29, T-17-S, R-31-E
EDDY COUNTY, NEW MEXICO.

3720

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIAMUS BLVD. • P. O. BOX 1092 • PHONE 243-6491 • ALBUQUERQUE, NEW MEXICO

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
February 7, 1968
EXAMINER HEARING

Application of Sinclair Oil & Gas)
Company for salt water disposal)
Eddy County, New Mexico)

Case 3720

BEFORE: Elvis A. Utz, Examiner

TRANSCRIPT OF HEARING

MR. UTZ: The next case will be Case 3720.

MR. HATCH: Case 3720, Application of Sinclair Oil & Gas Company for salt water disposal, Eddy County, New Mexico.

MR. WHITE: If the Examiner please, Charles White of White, Gilbert, Koch & Kelly, Santa Fe, New Mexico appearing on behalf of the applicant and we have one witness to be sworn.

(Witness sworn)

MR. UTZ: Are there other appearances? You may proceed.

R. M. ANDERSON

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. WHITE:

Q Will you state your full name, by whom you are employed, and in what capacity?

A R. M. Anderson, Sinclair Oil & Gas Company. I am employed as Region Regulatory Engineer in Midland, Texas.

Q Have you previously testified before this Commission?

A I have.

Q Have your qualifications been accepted?

A Yes.

Q What does Sinclair seek by the subject application?

A We seek approval to dispose of produced salt water into our Turner B Well Number 73, which is a depleted producing oil well in the Cedar Lake-Abo Pool, Eddy County, New Mexico.

(Whereupon, Applicant's Exhibits 1 through 3 marked for identification.)

Q Mr. Anderson, will you refer to what has been marked Exhibit 1, the area map and explain that exhibit, please?

A Exhibit 1 is an area map of a portion of Eddy County, New Mexico, showing the oil wells drilled in the vicinity of the subject proposed disposal well. I have circled, colored in red the wells that are or have been producing from the Abo-Reef Formation. There are a narrow band of wells running east and west across the center of Exhibit 1. The proposed disposal well has been circled with a large blue circle and has been identified with a label. The current status of all these wells is not indicated. At the present time of the sixteen wells that have been producing from the Cedar Lake-Abo Field, there are only eleven presently producing. Before I indicate those, the three wells that are shown on the left of Exhibit 1 colored red are in the Jackson-Abo Field and this is a separate field from the Cedar Lake-Abo Field in that it has a

different oil-water contact and there has been a well drilled, not shown on this map between these two fields that was completed as a dry hole.

Q Are there any waterflood projects in the immediate area?

A Yes, but before I get to them, let me indicate the status of the Cedar Lake-Abo wells. The two wells on Penroc and Hanagan's Lease, now going from west to east, are producing at the present time. The Sinclair-Fren Oil Company lease, Well Number 8 is a shut-in temporarily abandoned producer. It should have a temporary abandoned mark on it. Well 20 is a producer, Well 17 is producing, Well 19 is producing, and Well 16 is producing. Kennedy Oil Company has a Well Number 3 colored in red on this map, Freeze 3, that well is producing. Then moving to the east Well 7 on Sinclair's Turner B Lease is a producer. Well 70 is shut in, depleted, temporarily abandoned. Well 65 is producing. Well 72 is producing. Well 75 is shut in, temporarily abandoned. Well 58 is shut in, temporarily abandoned. Well 73 is shut in, temporarily abandoned. It's the proposed disposal well. It's been shut in for over a year and depleted. Well 69 is producing and Well 74 is shut in, temporarily abandoned, so Sinclair has five depleted wells out of this field of sixteen wells.

Q And you operate eight wells now?

A Yes, we have eight current producing wells, all with marginal low allowables or penalized allowables.

Q Now, are there any waterflood projects in this immediate area?

A Yes, the Turner B Lease has a Grayburg Jackson waterflood in progress, as does the Turner A and as the Russell A, so all of the Sinclair property to the north of the Cedar Lake-Abo wells is under waterflood at the present time and every other well is an injection well.

Q Would it be prudent to dispose of salt water into this area?

A We attempted to do this and we had the waters studied and analyzed for compatibility; we found that the Cedar Lake-Abo water was not compatible with the produced Grayburg Jackson water and it caused a precipitate to form that would make it very imprudent to try to inject that into an injection well. You would damage your injection well in a short time.

Q Now, would you refer to what has been marked as Exhibit 2, that is your application to dispose of the salt water under standard form of OCC 108, is that correct?

A That is correct, and that sets out the pertinent

information concerning the subject well.

Q It is self-explanatory, is it not?

A Yes, sir, I believe it is.

Q Now, will you refer to Exhibit 3, your diagrammatic sketch and explain that, please?

A Exhibit 3 is a diagrammatic sketch of the well and graphically, schematically depicts the data shown on Exhibit 2.

MR. WHITE: Exhibit 4 is your electric log which has been filed with the application, and we would like to have it introduced into evidence for the record.

Q What anticipated volumes do you intend to inject?

A Exhibit 2 reflects that we anticipate that we will have salt water to dispose of in this well from the present 300 barrels a day to maybe as high as a thousand barrels a day, and we feel that these other operators in this field are going to have a disposal problem themselves and we anticipate that we will be taking their water at some later date.

Q Do you think this formation can accommodate this volume of water?

A Yes, I do.

Q What pressure do you intend to use?

A We expect the 300 barrels a day that we are now

producing to go in on vacuum, we hope that it will. We have asked for a maximum surface pressure of 1,000 pounds.

Q In your opinion, would the granting of this application tend to prevent premature abandonment and more efficiently produce the pool?

A Yes, sir. We, of course, are faced with a no-pit order on this property and the productivities of the wells are very low, in the neighborhood of ten to twenty barrels a day each at the present time, and anticipate the granting of this application will permit the further economic depletion of this reservoir.

MR. WHITE: At this time we offer the exhibits.

MR. UTZ: Without objection, Exhibits 1 through 4 will be entered into the record of this case.

(Whereupon, Applicant's Exhibits
1 through 4 were offered and
admitted in evidence.)

MR. UTZ: I can't find the electric log. It's undoubtedly around if you sent it.

THE WITNESS: It was supposed to be submitted with our application, but you don't find a copy.

MR. UTZ: It's not in the file.

CROSS EXAMINATION

BY MR. UTZ:

Q Mr. Anderson, how much water did you say that you

wanted to put in this well more eventually?

A We have estimated possibly as much as 1,000 barrels a day will be needed to dispose of that much.

Q Do you have any idea where the top of the cement is on the four and a half?

A Yes, sir, the four and a half was set with eleven hundred sacks of cement and the top of the cement was found to be at 590 feet, which is up inside of the eight and five eighths, which is set at 1,600 feet. We are 1,000 feet up inside the eight and five eighths with our cement.

Q Did you say what you intend to do with the annulus in this?

A No, I didn't. We will fill the annulus with corrosion-inhibited fluid or oil, probably corrosion-inhibited fluid, water.

MR. UTZ: Are there other questions? Witness may be excused.

(Witness excused.)

MR. UTZ: Do we have other statements? If we have none, the case will be taken under advisement.

STATE OF NEW MEXICO)
) ss
 COUNTY OF BERNALILLO)

I, KAY EMBREE, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

Witness my Hand and Seal this 21st day of Feb., 1968.

Kay Embree
 NOTARY PUBLIC

My Commission Expires:

November 19, 1971

I do hereby certify that the foregoing is a complete record of the proceedings in the hearing of Case No. 3220, heard by me on Feb. 1, 1968.

Theresa A. [Signature], Examiner
 New Mexico Oil Conservation Commission

NEW MEXICO OIL CONSERVATION COMMISSION

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

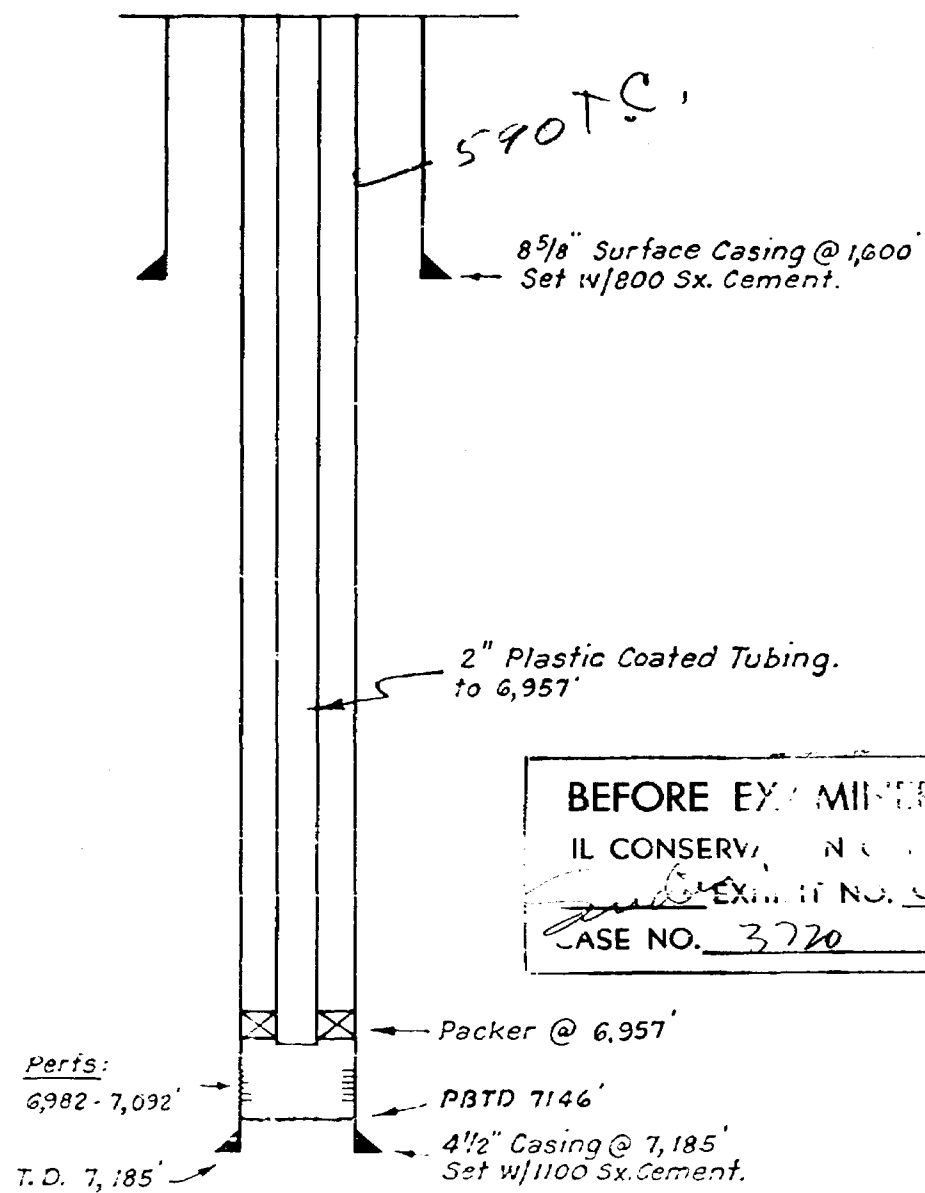
OPERATOR Sinclair Oil & Gas Company		ADDRESS P. O. Box 1470, Midland, Texas 79701			
LEASE NAME Turner "B"	WELL NO. 73	FIELD Cedar Lake Abo	COUNTY Eddy		
LOCATION UNIT LETTER C ; WELL IS LOCATED 380' FEET FROM THE North LINE AND 1980' FEET FROM THE West LINE, SECTION 29 TOWNSHIP 175 RANGE 31E NMPM.					
CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8 5/8"	1600'	800 sx.	Surface	Circulated
INTERMEDIATE					
LONG STRING	4 1/2"	7185'	1100 sx.	590	Temp. Svy.
TUBING	2"	5540	NAME, MODEL AND DEPTH OF TUBING PACKER None		
NAME OF PROPOSED INJECTION FORMATION 6982-86, 6994-7008, 7024-36, 7084-92		TOP OF FORMATION 6952'		BOTTOM OF FORMATION 7146'	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Perforations		PROPOSED INTERVAL(S) OF INJECTION 6982-7092'	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No	
LIST ALL SUCH PERFORATED INTERVALS AND RIGGS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH None					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 480'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA 4851'		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 3300'	
ANTICIPATED DAILY INJECTION VOLUME (BBL/S.)	MINIMUM 300	MAXIMUM 1,000	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1,000 (Max.) Vacuum-
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 Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? No
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) United States Dept. of Interior - USGS, Drawer "U", Artesia, New Mexico - Attn: Mr. James A. Kraus					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Skelly Oil Company P. O. Box 730 Hobbs, New Mexico					
<div style="border: 1px solid black; padding: 5px; display: inline-block;">RECEIVED EXAMINER UT NEW MEXICO OIL CONSERVATION COMMISSION FILED NO. 2 CASE NO. 3770</div>					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		PLAT OF AREA Yes		ELECTRICAL LOG 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.

COPY FILED **R. M. ANDERSON**
(Signature)**Region Regulatory Engineer**
(Title)**January 4, 1968**
(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.

DIAGRAMMATIC SKETCH OF
PROPOSED INSTALLATION.



BEFORE EXAMINATION
IL CONSERVATION COMMISSION
EXHIBIT NO. 3
CASE NO. 3720

SINCLAIR OIL & GAS CO.
TURNER "B" No. 73
CEDAR LAKE (ABO) POOL
380' FNL AND 1980' FWL SEC. 29, T-17-S, R-31-E
EDDY COUNTY, NEW MEXICO.