SKELLY OIL COMPANY

TULSA, OKLAHOMA 74102

PRODUCTION DEPARTMENT
C. L. BLACKSHER, VICE PRESIDENT
W. P. WHITMORE, MGR. PRODUCTION
W. D. CARSON, MGR. TECHNICAL SERVICES
ROBERT G. HILTZ, MGR. JOINT OPERATIONS
GEORGE W. SELINGER, MGR. CONSERVATION

November 19, 1965

Re: Proposed Salt Water Disposal Well and
Dual Producer - Hobbs "T" No. 11
SE SE Section 33-7S-33E
Roosevelt County, New Mexico

Mr. A. L. Porter, Jr., Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Porter:

Skelly Oil Company is in the process of drilling the captioned well in the Chaveroo Pool, and intends to complete the well so that oil will be produced from the Upper San Andres formation and produced salt water will be injected into the Lower San Andres reservoir. We anticipate that the daily water production injected into this well will be approximately 800 barrels per day. The well performance and structural position indicate the Lower San Andres zone will not be productive to the south and east of the proposed disposal well. Produced water is presently disposed of by means of surface pits.

While it is true that there are no presently approved dual completions in this field like this, since the "dual completion" will be within the San Andres reservoir we believe this matter may be handled administratively. Likewise, we feel that permission to utilize the Lower completion for disposal may be handled administratively. We are, therefore, attaching the required number of copies of Form C-107, Application for Multiple Completion, together with diagrammatic sketch, plat, and evidence of mailing a copy of the application to offset operators as required by Rule 112-A IV. As the well is presently drilling, an electrical log is not now available, but will be furnished at a later date. We are, also, attaching the required number of copies of completed Form C-108, in accordance with Rule 701-C, together with the same plat and diagrammatic sketch. A copy of this form is being sent to the surface owner, and a copy with all attachments is being sent to the State Engineer. We are, also, attaching a structure map and cross-sections, which should aid in the handling of this application.

If it is necessary for these matters to be presented at a hearing, we have a problem. This well is being drilled at this time, but we note that the only hearing to be held by the Oil Conservation Commission in December is on Tuesday, December 14th. Unfortunately, we have a very important hearing on that same day in Austin, which involves the first pooling application under the new 1965 Mineral Pooling Act affecting

a deep well, below 20,000 feet, requiring a lengthy period of time for such drilling, and it is with deepest regret that we must ask for a temporary emergency order pending a hearing to be set the early part of January. This emergency order would be based on the attached information and can be justified at the first opportunity at a hearing in January. Copies of the request together with the data are being sent to all interested parties as provided for administrative handling. By carbon copy of this letter we are likewise advising them of our emergency order request.

Yours very truly,

George W Selinger

RJJ:br
Attach.

cc-New Mexico Oil Conservation Commission w/ attach.
District I
P. O. Box 1980
Hobbs, New Mexico

State Engineer w/ attach.
P. O. Box 1079
Santa Fe, New Mexico

Mr. S. W. Tucker w/ attach.(Form C-108)
Elida, New Mexico

Interested Parties - Mailing List Attached
(Offset Operators indicated by *)

CHAVEROO POOL MAILING LIST

Allirish Company and B. G. Howell
1133 Fulton
Fresno, California

American Trading and Production Corp.
Drawer 992
Midland, Texas

*Atlantic Refining Company
Box 1978
Roswell, New Mexico

*Champlin Petroleum Company
Box 1797
Midland, Texas

*Dalport Oil Corporation
930 Fidelity Union Life Building
Dallas, Texas

Enfield, R. W.
Box 807
Roswell, New Mexico

Farrell, I. F.
Box 848
Carlsbad, New Mexico

Olen F. Featherstone
236 Petroleum Building
Roswell, New Mexico

Geror Oil Production and Development
1846 East Broadway
Tuscon, Arizona

Hondo Drilling Company
Box 116
Midland, Texas

Humble Oil and Refining Company
Box 2100
Hobbs, New Mexico

Intex Oil Company
Box 122
Midland, Texas

*Kerr-Mc Gee Oil Industries, Inc.
Box 1347
Odessa, Texas

Lovelady, I. W.
8409 West 27th
Odessa, Texas

*Marathon Oil Company
Box 2107
Hobbs, New Mexico

*Morgan Drilling Company
4904 Delwood
Odessa, Texas

*Pan American Petroleum Corporation
Box 68
Hobbs, New Mexico

Phillips Petroleum Company
Phillips Building
4th and Washington Streets
Odessa, Texas

*Shackelford, W. L.
Shackelford Drilling Company
Box 1095
Fort Stockton, Texas

*Shell Oil Company
Petroleum Building
Box 1509
Midland, Texas

*Southern Minerals Corporation
Box 1816
Midland, Texas

*Southern Petroleum Exploration, Inc.
Box 1434
Roswell, New Mexico

Sun Oil Company
Box 1861
Midland, Texas

*Sunray DX Oil Company
1101 Wilco Building
Midland, Texas

The Superior Oil Company
Box 1900
Midland, Texas

November 15, 1965

/bh

CERTIFICATE OF MAILING

This is to certify that a copy of the attached letter and a completed copy of Form C-108 has been mailed to the surface owner and all operators in the Chaveroo Pool, as shown on the attached address list.

This is to further certify that a completed copy of Form C-107 has also been mailed to offset operators indicated on the attached list by an asterisk (*).

In addition, this is to also certify that a copy of the attached letter, completed forms C-107 and C-108, together with all Exhibits (1, 3, 5, 6, 7 and 8) was mailed to the State Engineer's Office, and that two copies of the aforementioned letters, forms and exhibits were mailed to the Commission's District Office in Hobbs.

Dated the 19th day of November, 1965.

(Signed) GEORGE W. SELINGER

George W. Selinger

Form C-108
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

HOBBS OFFICE O.C.C.

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

Nov 22 11 12 AM '65

OPERATOR		ADDRESS	
SKELLY OIL COMPANY		P.O. BOX 730	
LEASE NAME	WELL NO.	FIELD	COUNTY
HOBBS "T"	11	CHAVERCO	ROOSEVELT

LOCATION

UNIT LETTER P ; WELL IS LOCATED 660 FEET FROM THE East LINE AND 660 FEET FROM THE

SOUTH LINE, SECTION 33 TOWNSHIP 7S RANGE 33E NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	10 3/4"	370'	350	Circulated	---
INTERMEDIATE					
LONG STRING	7 5/8"	4900'	850	2000' Est	Survey
TUBING	2 3/8" 2 7/8"	4300 4500	NAME, MODEL AND DEPTH OF TUBING PACKER: Baker Mod. D Prod. Packer Set at approximately 4450'.		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION
LOWER SAN ANDRES	3570'	(Top) 4900'(Glorieta)

IS INJECTION THROUGH TUBING, CASING, OR ANNULUS?	PERFORATIONS OR OPEN HOLE?	PROPOSED INTERVAL(S) OF INJECTION
Tubing	Perf.	4700-4780

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?
Yes	Well to be dual producer & disposal	Yes

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

Dual Completion W/producing perfs. 4310-4365 (Est.)

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
Ogallala (Approx. 200')	4500' (Approx.)	None

ANTICIPATED DAILY INJECTION VOLUME (BBLS.) MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)
		Closed	Pressure	1000

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 ANALYSES ATTACHED?
	Yes	Yes	(Available) No(at a later date)

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

Mr. S. W. Tucker, Elida, New Mexico

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

See Attached List

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
	Yes	Yes	Yes

ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL
	Yes	No(Available at later date)	Yes

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

J. E. Webb — (Signature)

Dist Supt — (Title)

Nov. 16, 1965 — (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.

EXHIBIT 1

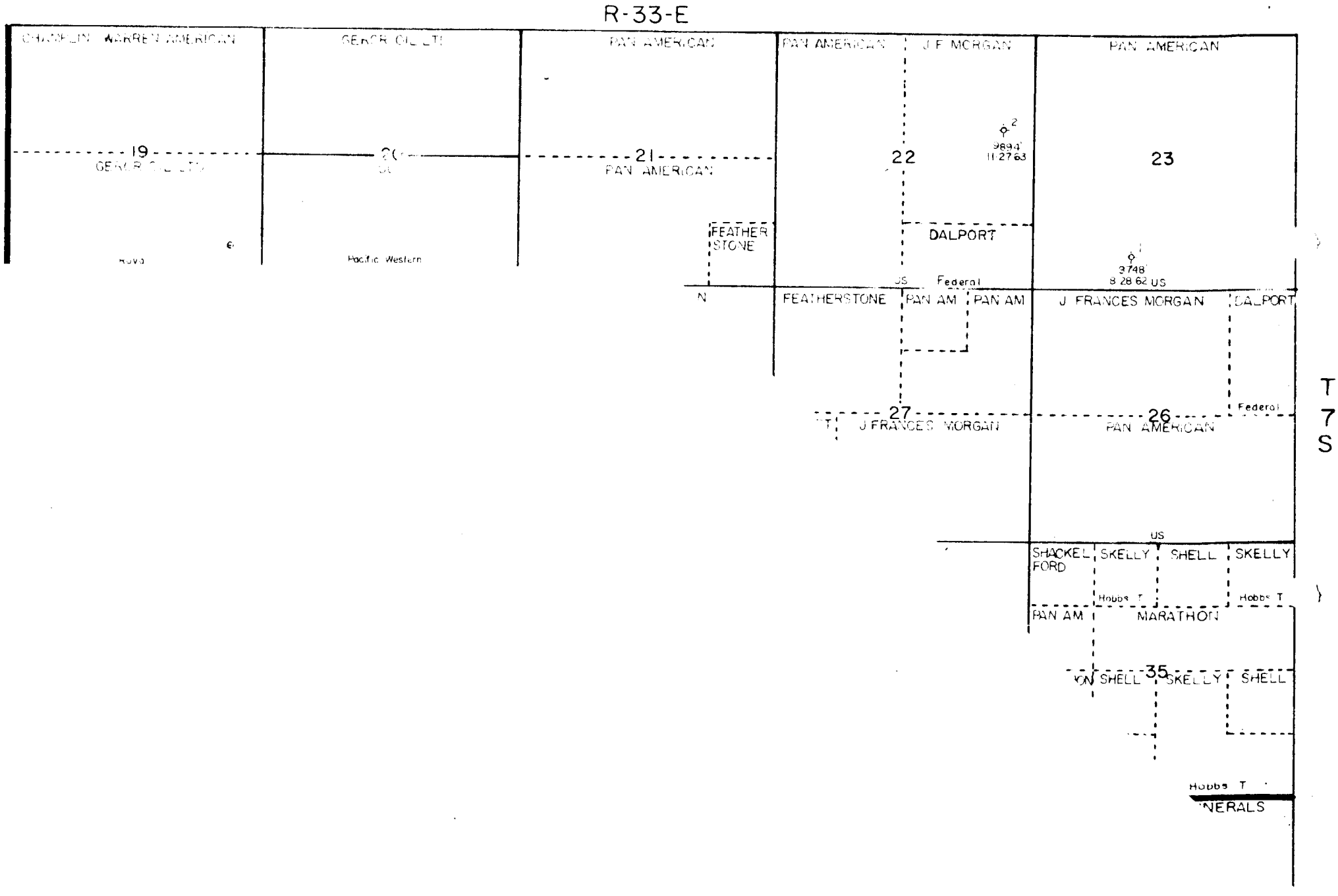
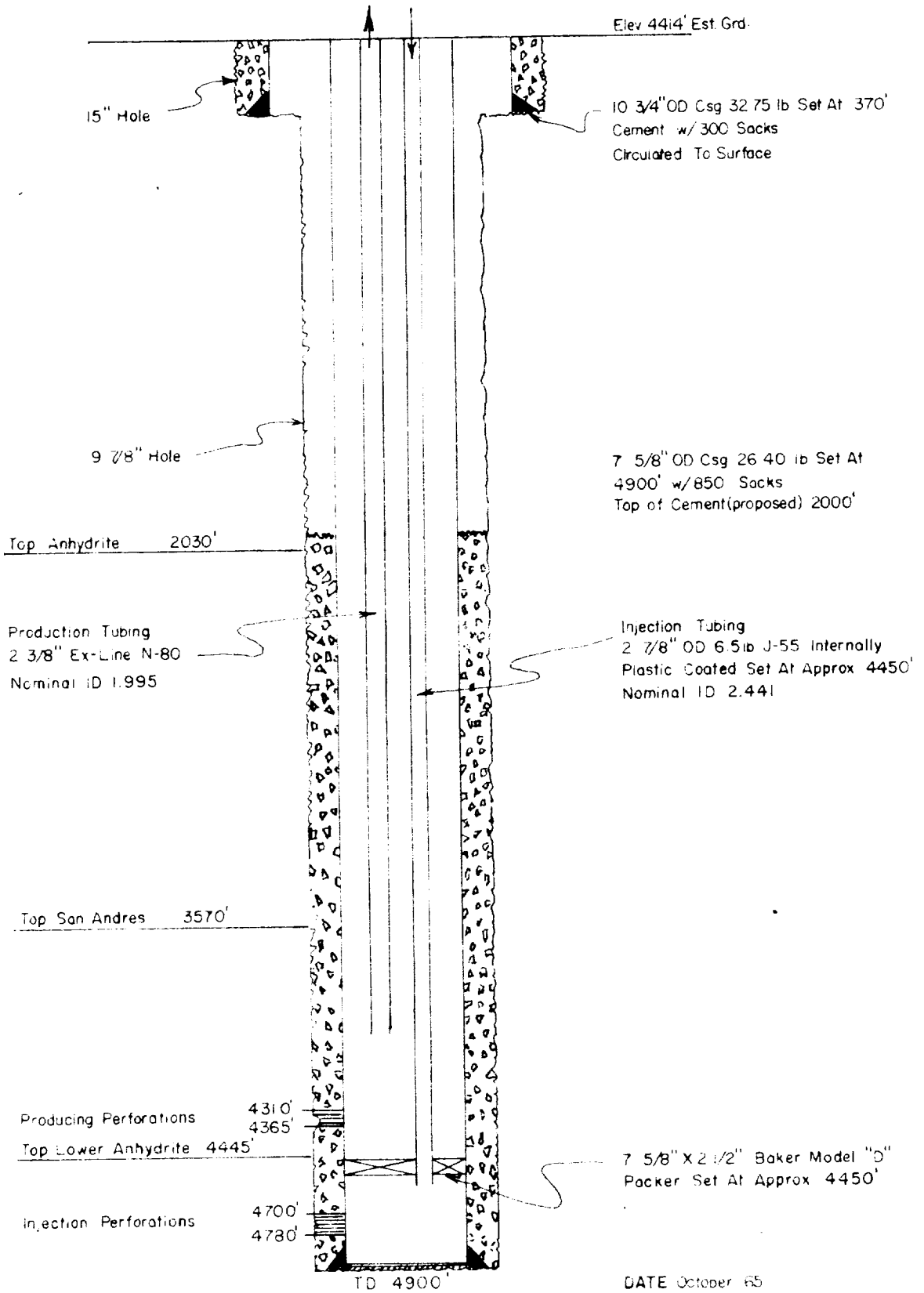

R-33-E
T 7 S
PAN AMERICAN
19
21
PAN AMERICAN
Pacific Western
22
J F MORGAN
9894'
11 27 63
23
FEATHER STONE
DALPORT
3748'
8 28 62 US
Federal
FEATHERSTONE
PAN AM
PAN AM
J FRANCES MORGAN
DALPORT
27
J FRANCES MORGAN
26
PAN AMERICAN
Federal
US
SHACKEL FORD
SKELLY
SHELL
SKELLY
Hobbs T
Hobbs T
PAN AM
MARATHON
35
SHELL
SKELLY
SHELL
Hobbs T
NERALS

EXHIBIT 3

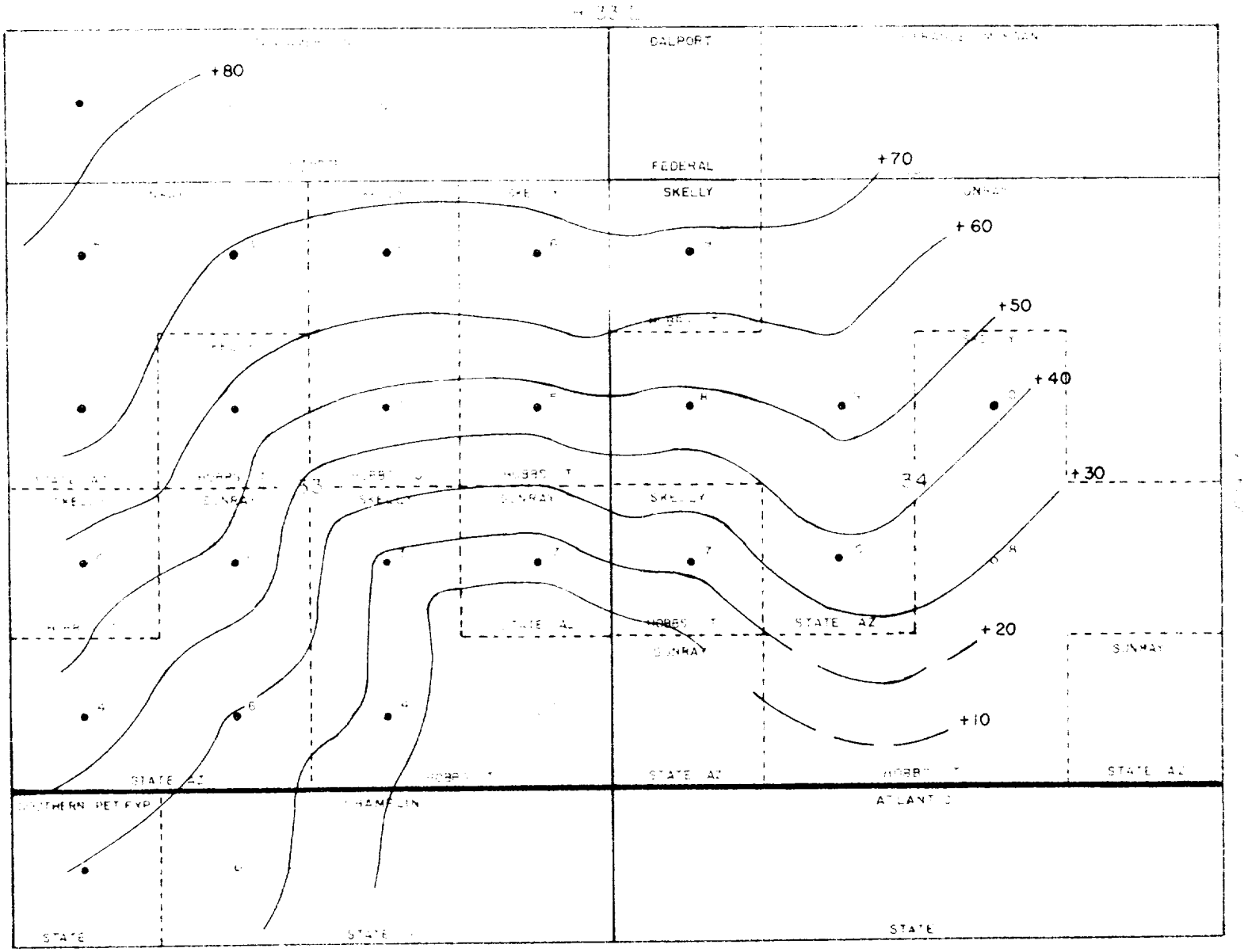
DIAGRAMMATIC SKETCH

PROPOSED SALT WATER DISPOSAL WELL
SKELLY OIL COMPANY HOBBS T 11
660' FSL & FEL SEC. 33-T7S-R33E
ROOSEVELT COUNTY, NEW MEXICO



DATE October 65

EXHIBIT 5



DATE OCTOBER 65 SCALE 4" = 1 MILE

LEGEND

TOP LOWER ANHYDRITE

COUNTOUR INTERVAL 10 FEET

SKELLY OIL COMPANY

CHAVEROO POOL

ROOSEVELT COUNTY NEW MEXICO