

CASE 6816: HANSON OIL CORPORATION FOR
SALT WATER DISPOSAL, EDDY COUNTY, NEW
MEXICO

Case NO.

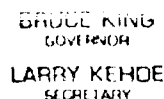
6816

Application

Transcripts

Small Exhibits

ETC.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

March 12, 1980

Mr. A. J. Deans
Vice-President, Drilling & Production
Hanson Oil Corporation
P. O. Box 1515
Roswell, New Mexico 88201

Re: CASE NO. 6816
ORDER NO. R-6286

Applicant:

Hanson Oil Corporation

Dear Sir:

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

Yours very truly,

JOE D. RAMEY
Director

JDR/fd

Copy of order also sent to:

Hobbs OCD	<u>x</u>
Artesia OCD	<u>x</u>
Aztec OCD	

Other

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 6816
Order No. R-6286

APPLICATION OF HANSON OIL CORPORATION
FOR SALT WATER DISPOSAL, EDDY COUNTY,
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on February 27, 1980, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 11th day of March, 1980, the Division Director, having considered the record and the recommendations of the Examiner, and being fully advised in the premises,

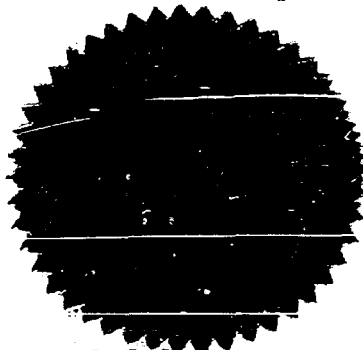
FINDS:

That the applicant's request for dismissal should be granted.

IT IS THEREFORE ORDERED:

That Case No. 6816 is hereby dismissed.

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.



SEAL
fd/

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Joe D. Ramey
JOE D. RAMEY
Director

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
27 February 1980

EXAMINER HEARING

IN THE MATTER OF:

Application of Hanson Oil Corporation
for salt water disposal, Eddy County,
New Mexico.

CASE
6816

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation
Division:

Ernest L. Padilla, Esq.
Legal Counsel to the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

SALLY W. BOYD, C.S.R.
Rt. 1 Box 193-B
Santa Fe, New Mexico 87501
Phone (505) 455-7409

1 MR. STAMETS: Call next Case 6616. Ap-
2 plication of Hanson Oil Corporation for salt water disposal,
3 Eddy County, New Mexico.

4 At the request of the Applicant this case
5 will be dismissed.

6
7 (Hearing concluded.)

SALLY W. BOYD, C.S.R.
Rt. 1 Box 193-B
Santa Fe, New Mexico 87501
Phone (505) 455-7409

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REPORTER'S CERTIFICATE

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that the foregoing Transcript of Hearing before the Oil Conservation Division was reported by me; that the said transcript is a full, true, and correct record of the hearing, prepared by me to the best of my ability.

Sally W. Boyd C.S.R.

SALLY W. BOYD, C.S.R.

Rt. 1 Box 193-B
Santa Fe, New Mexico 87501
Phone (505) 455-7409

I do hereby certify that the foregoing is
a correct and true transcript of the hearing in
the case of 68/6
held by the Oil 3-27 80.
Richard L. Stamm Examiner
Oil Conservation Division

ENERGY AND MINERALS DEPARTMENT
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
27 February 1980

EXAMINE HEARING

IN THE MATTER OF:

Application of Hanson Oil Corporation
for salt water disposal, Eddy County,
New Mexico.

CASE
6816

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation
Division:

Ernest L. Padilla, Esq.
Legal Counsel to the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

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MR. STAMETS: Call next Case 6816. Ap-
plication of Hanson Oil Corporation for salt water disposal,
Eddy County, New Mexico.

At the request of the Applicant this case
will be dismissed.

(Hearing concluded.)

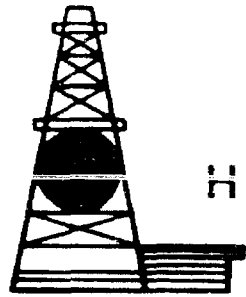
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I do hereby certify that the foregoing is
a true and correct copy of the transcript
of the hearing held on the _____
at _____, _____, _____
_____ Examiner
Oil Conservation Division



HANSON OIL CORPORATION

P. O. BOX 1515

ROSWELL, NEW MEXICO 88201

PHONE AC 506-622-7330

February 19, 1980

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: CREEK #1 SWD
Sec. 35, T.18S, R.30E
Eddy County, New Mexico

Case 6816

[Handwritten signature]

Attention: Mr. Joe D. Ramey
State Petroleum Engineer

Dear Mr. Ramey:

We respectfully withdraw our application for Salt Water Disposal into the above captioned well (CASE 6816).

Thank you.

Yours very truly,

HANSON OIL CORPORATION

A. J. Deans

A. J. Deans
Vice-President, Drilling & Production

AJD/lrs

cc: Mr. Tom Kellahin
P. O. Box 1769
Santa Fe, New Mexico 87501

Dockets Nos. 6-80 and 7-80 are tentatively set for March 12 and 26, 1980. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - FEBRUARY 22, 1980

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

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

CASE 6787: (Continued from February 13, 1980, Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Division on its own motion to consider the approval of 12 non-standard proration units ranging in size from 261.51 acres to 334.24 acres for 320-acre spaced pools, and 19 non-standard proration units ranging in size from 162.65 acres to 207.57 acres for 160-acre spaced pools, all of the aforesaid units being in and resulting from the irregular size and shape of Sections 1 thru 7 and 18, 19, 30, and 31, along the North and West sides of Township 28 North, Range 3 West, Rio Arriba County.

CASE 6811: Application of Laguna Petroleum Company for compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the San Andres formation underlying the SE/4 NE/4 of Section 13, Township 8 South, Range 32 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6812: Application of Maralo Inc. to amend Order No. R-5816, Lea County, New Mexico. Applicant, in the above-styled cause, seeks to amend Order No. R-5816 to permit the seven waterflood injection wells authorized to be drilled at unorthodox locations by said order to be produced until May 1, 1980, or until depleted, prior to being placed on water injection.

CASE 6813: Application of Petroleum Development Corporation to amend Order No. R-6196, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks to amend Order No. R-6196 which authorized re-entry of a well at an unorthodox location in the Lusk-Morrow Gas Pool to be dedicated to the N/2 of Section 13, Township 19 South, Range 31 East. Applicant now seeks approval for a new revised location 750 feet from the North line and 660 feet from the West line of said Section 13.

CASE 6814: Application of Harvey E. Yates Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Betenbough Unit Area, comprising 1921 acres, more or less, of State and fee lands in Township 15 South, Range 36 East.

CASE 6797: (Continued from January 30, 1980, Examiner Hearing)

Application of Yates Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp-Penn formations underlying the N/2 of Section 28, Township 18 South, Range 29 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 6815: Application of Florida Exploration Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Ross Draw Unit Well No. 8, a Wolfcamp gas well 1650 feet from the North and East lines of Section 27, Township 26 South, Range 30 East, the N/2 of said Section 27 being dedicated to the well.

CASE 6816: Application of Hanson Oil Corporation for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water in the Penrose Grayburg formation in the perforated interval from 3404 feet to 3633 feet in its Creek Well No. 1 located in Unit G of Section 35, Township 18 South, Range 30 East, Shugart Pool.

CASE 6817: Application of Mewbourne Oil Company to amend Order No. R-6100, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks to amend Order No. R-6100 whereby the unorthodox Morrow location approved by said order would instead be applicable to the Wolfcamp and Bone Springs formations.

CASE 6818: Application of Tenneco Oil Company for an NGPA determination, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a new onshore reservoir determination for its State HL 11 Well No. 1 located in Unit N of Section 11, Township 19 South, Range 29 East.

OIL CONSERVATION COMMISSION
Artisa DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 1-31-80

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD X _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 1-28-80
for the Hanson Pilling Creek #1 G-35-18-30
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Application is incomplete
Does not qualify for Administrative Approval
set for hearing.

Yours very truly,

RECEIVED
FEB - 1 1980
OIL CONSERVATION DIVISION
SANTA FE

W.A. Gressett

RECEIVED

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR HANSON OIL CORPORATION		ADDRESS P. O. Box 1515, Roswell, New Mexico 88201	
LEASE NAME Creek	WELL NO. #1 SWD	CITY Shugart	COUNTY Eddy
LOCATION East		UNIT LETTER LG	WELL NO. LOCATED 1980
LINE, SECTION 35		TOWNSHIP 18S	RANGE 30E
CASSING AND TUBING DATA		RECEIVED	
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT
SURFACE CASING	8-1/4"	742	50
INTERMEDIATE			
LONG STRING	5-1/2"	3650	895
TUBING	2-3/8"	3350	HOWCO R-3
NAME OF PROPOSED INJECTION FORMATION Penrose-Grayburg		TOP OF FORMATION 3404	BOTTOM OF FORMATION 3633
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Perforations	PROPOSED INTERVAL(S) OF INJECTION 3404-3633
IS THIS A NEW WELL DRILLED FOR DISPOSAL? Re-Entry	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? P&A		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 Never Produced, P&A			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 330'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA Penrose 3404	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 3110
ANTICIPATED DAILY INJECTION VOLUME (GALLONS) 300	MINIMUM 300	MAXIMUM 1000	OPEN OR CLOSED TYPE SYSTEM Closed
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 - Yes		IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSIG) 1750
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Federal		ARE WATER ANALYSES ATTACHED? Yes	
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL			
John Trigg, P. O. Box 520, Roswell, New Mexico 88201			
Holley Energy, et al, 2001 Bryan Tower, Suite 2680, Dallas, Texas 75201			
Flag-Redfern, P. O. Box 23, Midland, Texas 79701			
Amoco Production Company, P. O. Box 591, Tulsa, Oklahoma 74102			
R. O. Silverthorne, P. O. Drawer 10, Plainview, Texas 79072			
Getty Oil Company, P. O. Box 3000, Oil Center Building, Tulsa, Oklahoma 74102			
Bruce Anderson, 600 Southwest Tower, Houston, Texas 77002			
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? Federal		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) Yes		ELECTRICAL LOG None	
		DIAGRAMMATIC SKETCH OF WELL Yes	

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

A. J. Deans
(Signature)

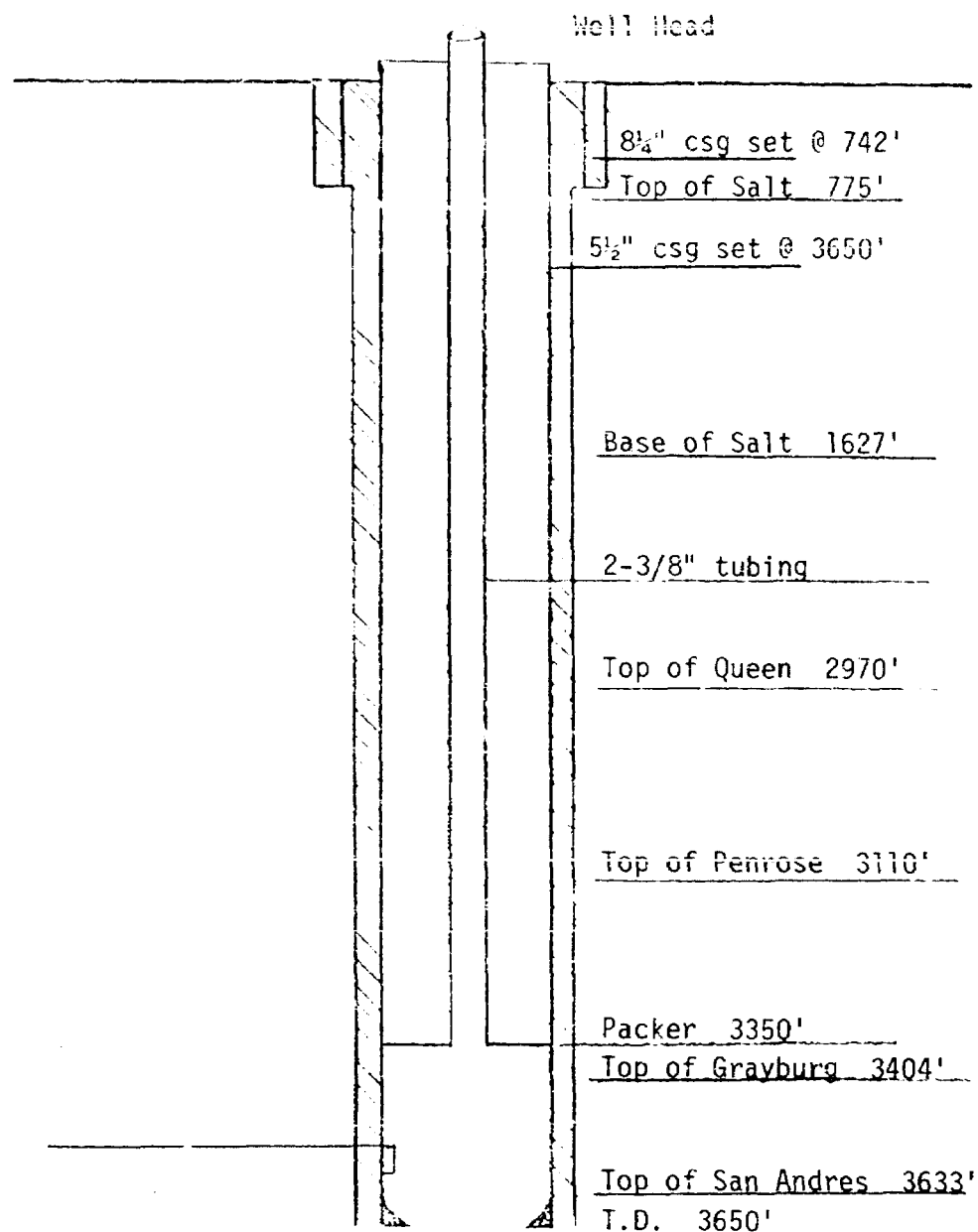
Vice-President Drilling & Prod.

January 28, 1980

(Title)

(Date)

NOTE: Should waivers from 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.



PROPOSED SALT WATER DISPOSAL WELL
Hanson Oil Corporation Creek #1 S.W.D.
1980' FNL & 1980' FEL
Sec. 35, T. 18 S., R. 30 E.
Eddy County, New Mexico

HALLIBURTON DIVISION LABORATORY

HALLIBURTON SERVICES

MIDLAND DIVISION

HOBBS, NEW MEXICO 88240

LABORATORY WATER ANALYSIS

No. W80-029To Hanson Oil CorporationDate 1-9-80Box 342Artesia, New Mexico

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management. It may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Submitted by _____

Date Rec. 1-9-80Well No. Ginsberg #15Depth As MarkedFormation GrayburgCounty EddyField ShugartSource Swab

	<u>3426-33</u>	<u>3476-77</u>	<u>3494-99</u>	<u>3537-54</u>
Resistivity	<u>0.080 @ 74°F.</u>	<u>0.078 @ 74°F.</u>	<u>0.101 @ 74°F.</u>	<u>0.078 @ 74°F.</u>
Specific Gravity	<u>1.093</u>	<u>1.096</u>	<u>1.070</u>	<u>1.098</u>
pH	<u>6.3</u>	<u>5.9</u>	<u>5.8</u>	<u>6.0</u>
Calcium (Ca)	<u>7,900</u>	<u>11,300</u>	<u>9,800</u>	<u>8,950</u> *MPL
Magnesium (Mg)	<u>3,480</u>	<u>Nil</u>	<u>Nil</u>	<u>450</u>
Chlorides (Cl)	<u>80,500</u>	<u>82,500</u>	<u>59,500</u>	<u>84,500</u>
Sulfates (SO ₄)	<u>High</u>	<u>High</u>	<u>High</u>	<u>High</u>
Bicarbonates (HCO ₃)	<u>475</u>	<u>330</u>	<u>185</u>	<u>160</u>
Soluble Iron (Fe)	<u>Medium</u>	<u>Medium</u>	<u>Medium</u>	<u>Medium</u>

Remarks: API Gr. of Oil @ 60°F. - 31.2

*Milligrams per liter

Respectfully submitted,

Analyst: Jackson

HALLIBURTON COMPANY

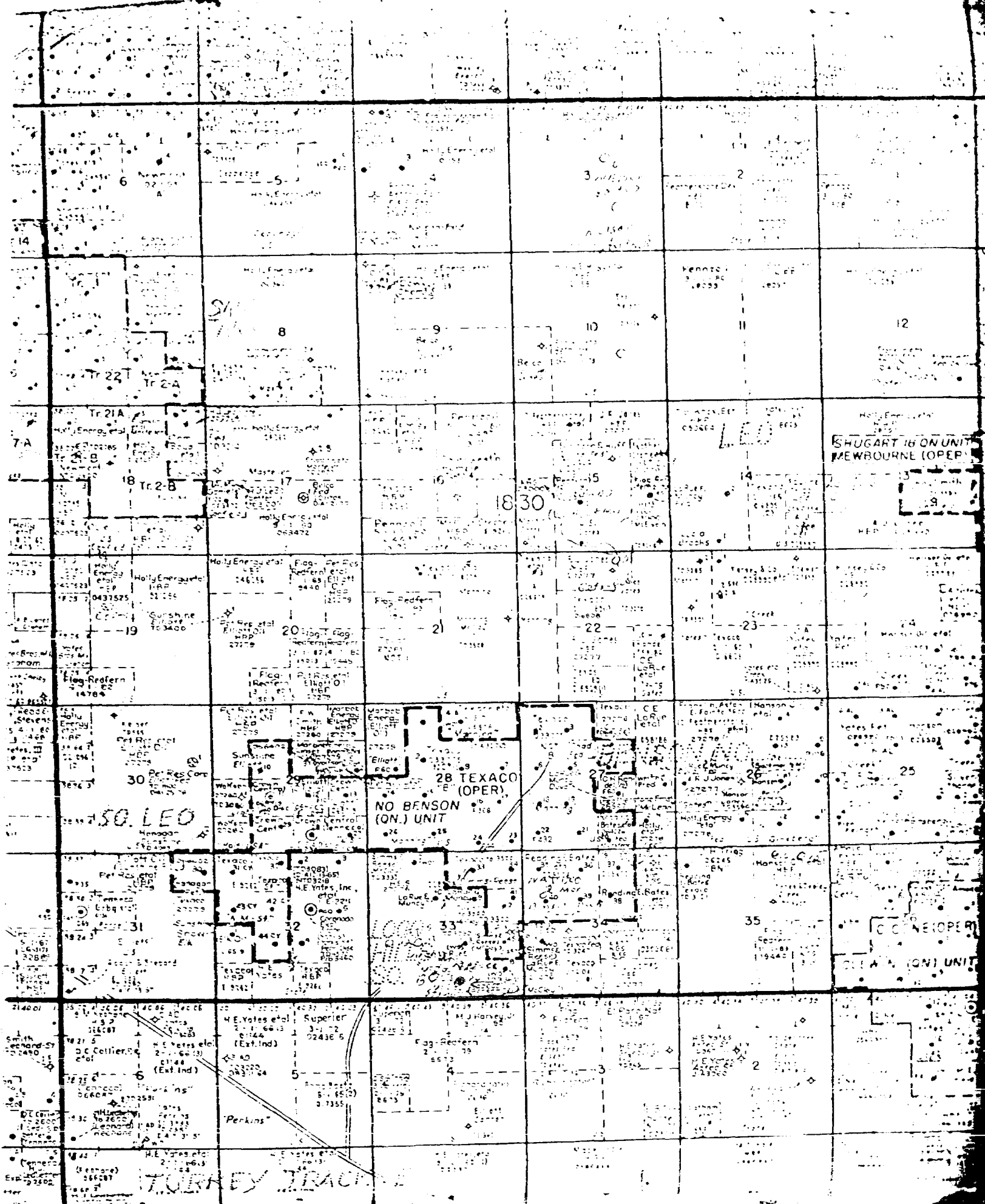
cc:

By W. L. Brewer

CHEMIST

NOTICE

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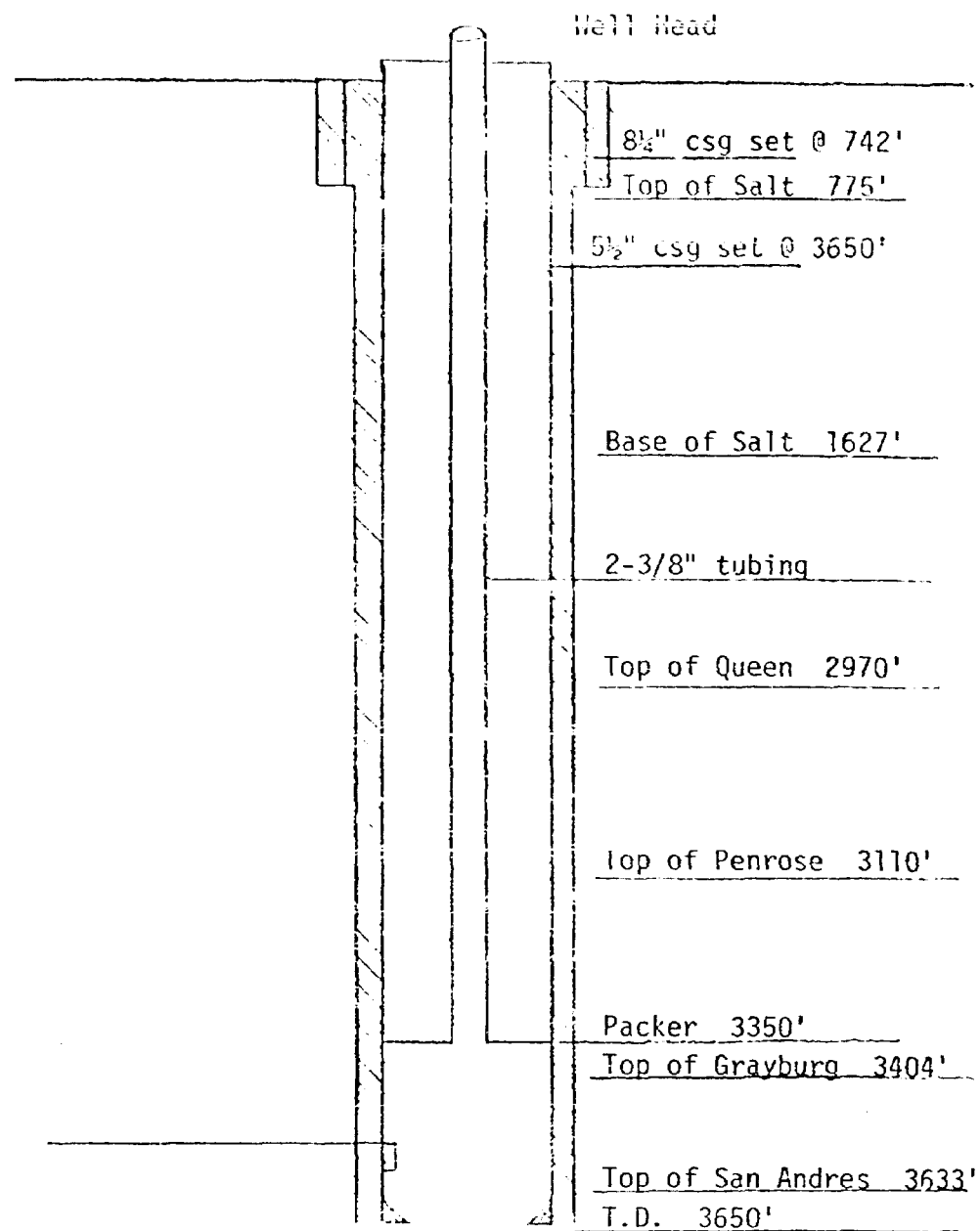


ROUS FORMATION

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	
	Federal	Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL
	Yes	None	Yes

A. J. Deans Vice-President Drilling & Prod. January 28, 1980
(Signature) (Title) (Date)





PROPOSED SALT WATER DISPOSAL WELL
Hanson Oil Corporation Creek #1 S.W.D.
1980' FNL & 1980' FEL
Sec. 35, T. 18 S., R. 30 E.
Eddy County, New Mexico

HALLIBURTON DIVISION LABORATORY

HALLIBURTON SERVICES

MIDLAND DIVISION

HOBBS, NEW MEXICO 88240

LABORATORY WATER ANALYSIS

No. 430-022To Hanson Oil CorporationDate 1-9-80Box 3-2Artesia, New Mexico

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Submitted by _____

Date Rec. 1-9-80Well No. Ginsberg #15Depth As MarkedFormation GrayburgCounty EddyField ShugartSource Swab

	<u>3426-33</u>	<u>3476-77</u>	<u>3494-99</u>	<u>3537-54</u>
Resistivity	<u>0.080 @ 74°F.</u>	<u>0.078 @ 74°F.</u>	<u>0.101 @ 74°F.</u>	<u>0.073 @ 74°F.</u>
Specific Gravity	<u>1.093</u>	<u>1.096</u>	<u>1.070</u>	<u>1.098</u>
pH	<u>6.3</u>	<u>5.9</u>	<u>5.8</u>	<u>6.0</u>
Calcium (Ca)	<u>7,900</u>	<u>11,300</u>	<u>9,800</u>	<u>8,950</u> *MPL
Magnesium (Mg)	<u>3,480</u>	<u>Nil</u>	<u>Nil</u>	<u>450</u>
Chlorides (Cl)	<u>80,500</u>	<u>82,500</u>	<u>59,500</u>	<u>84,500</u>
Sulfates (SO ₄)	<u>High</u>	<u>High</u>	<u>High</u>	<u>High</u>
Bicarbonates (HCO ₃)	<u>475</u>	<u>330</u>	<u>185</u>	<u>160</u>
Soluble Iron (Fe)	<u>Medium</u>	<u>Medium</u>	<u>Medium</u>	<u>Medium</u>

Remarks: API Gr. of Oil @ 60°F. - 31.2

*Milligrams per liter

Respectfully submitted,

Analyst: Jackson

cc:

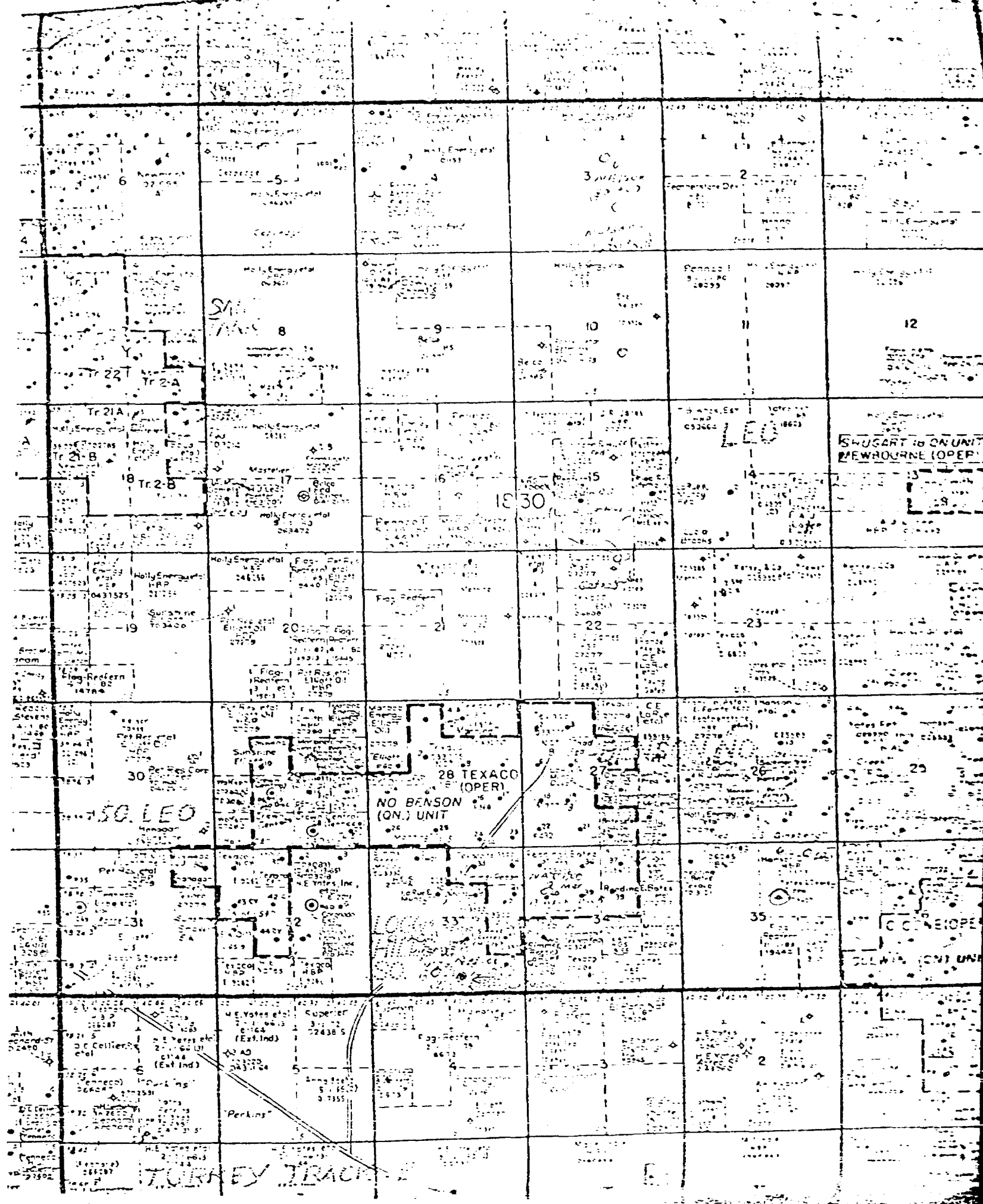
HALLIBURTON COMPANY

By W. L. Brewer

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DRAFT

dr/

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 6816

Order No. R-1186

APPLICATION OF HANSON OIL CORPORATION
FOR SALT WATER DISPOSAL, EDDY COUNTY,
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on February 27
1980, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this _____ day of _____, 19 80, the Division
Director, having considered the record and the recommendations of
the Examiner, and being fully advised in the premises,

FINDS:

That the applicant's request for dismissal should be granted.

IT IS THEREFORE ORDERED:

That Case No. 6816 is hereby dismissed.

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