CASE 3953: Application of B. J. GRAHAM FOR SALT WATER DISPOSAL, LEA COUNTY, NEW MEXICO.

-ase Number 3955

Application Transcripts.

Small Exhibits

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BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
November 20, 1968

IN THE MATTER OF:

Application of B. J. Graham for salt water disposal, Lea County, New Mexico

Case No. 3953

BEFORE: ELVIS A, UTZ

TRANSCRIPT OF HEARING



MR. UTZ: Case 3953.

MR. HATCH: Application of B. J. Graham for salt water disposal, Lea County, New Mexico.

MR. HATCH: Are you Mr. Graham?

MR. GRAHAM: Yes, sir.

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

(Witness sworn.)

* * * * * * *

B. J. GRAHAM, the applicant, having been first duly sworn, testified as follows:

TESTIMONY

MR. GRAHAM: I am Bill Graham appearing for myself, and I would like to use my application that I filed with the exhibits attached to it. The sketch and the contoured map on top of the Seven Rivers. Now this is my first appearance before this Commission. I graduated from Oklahoma A & M in 1951 with a degree in Mechanical Engineering. I'm a Registed Professional Engineer in Texas. I have been practicing as an engineer for 17 years Sohio Petroleum, Creole Petroleum, American Trading, and I have been an individual operator and consultant for the past two years.

(Applicant's Exhibits 1, 2 and 3 marked for identification.)

MR. GRAHAM: I would like to submit a waiver which I requested from Tenneco Oil Company, who is the direct offset operator of this proposed injection well, signed by their District Production Engineer, Mr. Carnes, in Midland. I have three copies of this, I have the original for my own file. If you want the original, I'll be glad to give it to you.

MR. UTZ: A copy will be satisfactory.

MR. GRAHAM: In my application, I was not aware that I needed a plat showing all the operators within a two-mile radius, and I have three copies of the land map for this area with a circle around my well. The plat I did include does include the producers within two miles, but it doesn't have, the whole plat isn't two miles wide each way. I would like to submit this.

MR. HATCH: The waiver will be marked as Exhibit 4 and this weill be marked as Exhibit 5?

MR. GRAHAM: Right.

(Whereupon, Applicant's Exhibits 4 and 5 marked for identification.)

MR. GRAHAM: I have made an agreement with Tenneco
Oil Company to dispose of the salt water they produce on their
Loomis Lease which is immediately to the west of my Dinnin A
No. 2. The Dinnin A No. 2 is a four barrel oil well and

300 barrel water well per day. With the forthcoming No Pit Crder, there is no way it can be continued to produce. So I propose to convert it to salt water disposal well in the Seven Rivers Formation which is where it is producing now, and Tenneco's two direct offset wells are both producing from the Seven Rivers Formation. At the present time, they make about 100 barrels of water per day. I anticipate possibly there might be some other operators in this area who would desire to use this well on a commercial basis where I would dispose of their water for them. I have not contacted anybody, nor am I sure that I'll get any more water, but I anticipate that I possibly will.

EXAMINATION

BY MR. UTZ:

- Q That is, you are going to inject Tennessee's?
- A Yes, sir, I have an agreement with Tennessee to dispose of their water from their Loomis Lease in my Dinnin A No. 2.
- Q Now, Mr. Craham, how much water do you anticipate that you will inject?
- A I'm going to set a pump that will have a capacity of 600 barrels per day.
 - Q That doesn't mean that you are going to inject 600

barrels a day?

- A Right, at the present Tenneco's water production is roughly 100 barrels per day.
- Q Now, in regard to your Exhibit No. 3, which is your sketch, do you intend to plastic-coat your tubing?
 - A Yes, sir.
 - Q And that's what, 2 and 3/8ths tubing?
- A Yes, sir, plastic-coat the tubing, I'll fill the annulus with either water treated with potassium chromate or oil, and then put a pressure gauge on the surface. I was not aware of these requirements at the time I made this application.
 - Q Your production string is what size, 4 and 1/2?
 - A Four and 1/2-inch casing.
 - Q Top of the cement 160 feet?
 - A 160 feet from the surface by temperature survey.
 - Q The 7-inch surface string is circulated?
 - A Yes, sir.
- Q Now, this injection will be into the Seven Rivers, is that correct?
 - A Yes, sir.
- Q There is other production in the Seven Rivers in this area, is there not?
 - A The production in the Seven Rivers in this area

on the plat which I attached, the contour atop of the Seven Rivers map, the only production is in the northwest quarter of Section 14, which says "W. H. Black, et al", that has all now been sold to Ambassador, but that is the only Seven Rivers Production. The rest of the production is from the Yates.

- Q So you will actually be injecting how many feet below the Yates?
- A Well, the Yates is about 3300, so I will be injecting 118 feet below the Yates.
- What effect do you expect that this injection will have on the Yates production in the area?
- A Well, on the Yates, I don't think it will have any, since I will be injecting into the Seven Rivers.
- O You think there's separation between the Yates and Seven Rivers?
- A Yes, I think there's effective separation between the Yates and Seven Rivers. I'm surrounded by dry holes, between the Dinnin A No. 2 and the production to the north from the Yates, the Yates is extremely tight in Section 23, these wells were drilled with a rotary to the top of the Yates and then cable tooled and there was very, very slight shows of oil, they were not commercial, indicating a very tight

reservoir in the Yates.

- O The Yates is a solution drive pool?
- A Yes, the Seven Rivers is a water drive reservoir.
- Q Well, in this area, escept in Section 14, you have no Seven Rivers production?
 - A That's right.
 - Q But there is a water table in the Seven Rivers?
- A Yes, sir. This is Federal Land and I'm having the same problems with, what was it that fellow called it?
 - Q Slup?
- A Yes, slup. I have sent them my \$10.00 and reams and reams of paper and they said if I could get approval from you that they would approve it. It's kind of like the chicken and the egg, I think.
 - Q I presume we're the egg.

MR. UTZ: Are there any questions of the witness?

I believe you did state on the record that you are representing yourself --

A THE WITNESS: Yes, sir.

MR. UTZ: -- in this case; and you are not a corporation?

THE WITNESS: No, sir, I'm an individual, I own this well, individually.

MR. UTZ: Without objection, Applicant's Exhibits

1 through 5 will be admitted and entered into the record of this case.

(whereupon, Applicant's Exhibits 1 through 5 admitted in evidence.)

MR. UTZ: You may be excused. The case will be taken under advisement.

(Witness excused.)

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B. J. GRAHAM		
Direct Testimony	* 6	2
Examination by Mr. Utz		4

EXHIBITS	MARKED	ADMITTED
Applicant's 1,2,3	2	8
Applicant's 4,5	3	8

STATE OF NEW MEXICO)

COUNTY OF BERNALILLO)

PPSKTTU

I, ADA DEARNLEY, Court Reporter in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me and that the same is a true and correct record to the best of my knowledge, skill and ability.

Ada Dearnley

I do hereby cortify that the foregoing is a complete record of the proceedings in the investor hearing of these to 3953 beard by me on 12066. 19

New Mexico Oil Conservation Consission

State of New Mexico

Bil Conservation Commission

LAND COMMISSIONER GUYTON B. HAYS MEMBER

Other



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

P. O. BOX 2088 SANTA FE

November 26, 1968

	Salar Salar		
Mr. B. J. Graham	Re:	Case No.	3953
Post Office Box 5321		Order No.	R-3595
Midland, Texas 79701		Applicant:	R-3393
		B. J. Gra	ham
Dear Sir:			
mission order recently ente	very truly	yours,	
	A. L. PORTE	•	
	Secretary-D		
ALP/ir			
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Hobbs OCCx_			
Artesia OCC			
Aztec OCC			

Bureau of Land Management

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. 3953 Order No. R-3595

APPLICATION OF B. J. GRAHAM FOR SALT WATER DISPOSAL, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 8:30 a.m. on November 20, 1968, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 26th day of November, 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, B. J. Graham, is the owner and operator of the Bernice Dinnin A Well No. 2, located in Unit J of Section 23, Township 20 South, Range 33 East, NMPM, Teas Yates-Seven Rivers Pool, Lea County, New Mexico.
- (3) That the applicant proposes to utilize said well to dispose of produced salt water into the Seven Rivers formation, with injection into the open-hole interval from approximately 3418 feet to 3429 feet.
- (4) That the injection should be accomplished through 2 3/8-inch plastic-lined tubing installed in a packer set at approximately 3350 feet; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge should

-2-CASE No. 3953 Order No. R-3595

be attached to the annulus at the surface in order to determine leakage in the casing, 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, B. J. Graham, is hereby authorized to utilize his Bernice Dinnin A Well No. 2, located in Unit J of Section 23, Township 20 South, Range 33 East, NMPM, Teas Yates-Seven Rivers Pool, Lea County, New Mexico, to dispose of produced salt water into the Seven Rivers formation, injection to be accomplished through 2 3/8-inch tubing installed in a packer set at approximately 3350 feet, with injection into the openhole interval from approximately 3418 feet to 3429 feet;

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

- (2) That the applicant shall submit monthly reports of his 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 MEN MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

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

3953 Heard 11-20-68 Rec. 11-20-68 Scout B. J. Kraham permission to council his Bernice Rennin A! # Z J. 23-205-336 Deus SR. Pool. Lyetion Is be into Denn Riners open hake 3418-3429 then 236 internally plantes Could tubing and under a parker set at appoint, 33:0. annihusskall be filled with enut fluit u/ Djection is in 5. R writer table. the S.R. production with 12 mi. of injection + a 60' segnetine between Road o injection wells. Theoli. It.

Lease 6015 ARC Federal Well No. 1 located in Unit O of Section 9, Township 20 South, Range 33 East, West Teas Pool, Lea County, New Mexico.

- CASE 3949: Application of Phillips Petroleum Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Lower Wolfcamp and Upper Pennsylvanian formations in the open-hole interval from approximately 9580 feet to 10,400 feet in its Pello "A" Well No. 1, located in Unit L of Section 2, Township 15 South, Range 32 East, Tulk-Wolfcamp Pool, Lea County, New Mexico.
- CASE 3950: Application of Agua, Inc., for salt water disposal, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres and such other formations as may be present in the perforated interval from approximately 4148 feet to 4388 feet in its Chaveroo SWD Well No. C-30 (formerly the Humble Oil & Refining Company Federal Andrews Well No. 1) located in the NE/4 NW/4 of Section 30, Township 7 South, Range 33 East, Chaveroo-San Andres Pool, Roosevelt County, New Mexico.
- CASE 3951: Application of Marathon Oil Company for salt water disposal, Roosevelt County, New Mexico. Applicant in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the perforated interval from approximately 4163 feet to 4460 feet in its Marathon State Well No. 1 located in Unit G of Section 36, Township 7 South, Range 33 East, Chaveroo-San Andres Pool, Roosevelt County, New Mexico.
- CASE 3952: Application of Sam D. Ares for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Seven Rivers formation in the open-hole interval from approximately 3415 feet to 3492 feet in his Everett Well No. 2 located 660 feet from the South line and 1980 feet from the West line of Section 35, Township 24 South, Range 36 East, Jalmat Pool, Lea County, New Mexico.
- CASE 3953: Application of B. J. Graham for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Seven Rivers formation in the open-hole interval from approximately

November 20, 1968 - Examiner Hearing

Docket No. 35-68

CASE 3953 continued:

3418 feet to 3429 feet in the Bernice Dinnin A Well No. 2 located in Unit J of Section 23, Township 20 South, Range 33 East, Teas Yates-Seven Rivers Pool, Lea County, New Mexico.

CASE 3954:

Application of C. E. Long, Jr., for a non-standard gas proration unit and an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an 80-acre non-standard gas proration unit comprising the S/2 SW/4 of Section 32, Township 21 South, Range 36 East, Jalmat Gas Pool, Lea County, New Mexico, to be dedicated to his Shell-State Well No. 1 at an unorthodox location for said pool 660 feet from the South line and 2310 feet from the West line of said Section 32.

CASE 3955:

Application of Yates Drilling Company for salt water disposal, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Pennsylvanian formation in the perforated interval from approximately 9640 feet to 9660 feet in its Lillie M. Yates Well No. 4 located in Unit D of Section 31, Township 8 South, Range 37 East, Allison Pennsylvanian Pool, Roosevelt County, New Mexico.

CASE 3956:

Application of Yates Petroleum Corporation 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 perforated interval from approximately 4411 feet to 4464 feet in its Federal AK Well No. 1 located in Unit I of Section 3, Township 19 South, Range 25 East, Penasco-Wolfcamp Pool, Eddy County, New Mexico.

CASE 3957:

Application of Yates Petroleum Corporation for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the interval from approximately 1260 feet to 1410 feet in its A. V. Gissler Well No. 2 located in Unit B of Section 23, Township 17 South, Range 25 East, Eagle Creek-San Andres Pool, Eddy County, New Mexico.

CASE 3958:

Application of Yates Petroleum Corporation for a dual completion and salt water disposal, Eddy County, New Mexico.

Applicant, in the above-styled cause, seeks authority to dually complete three wells in Section 8, Township 19 South, Range 25 East, and Section 25, Township 18 South, Range 25 East,

Penasco Draw-San Andres Yeso Pool, Eddy County, New Mexico, in such a manner as to permit the production of oil from the San Andres formation and the disposal of produced salt water

Care 39 53

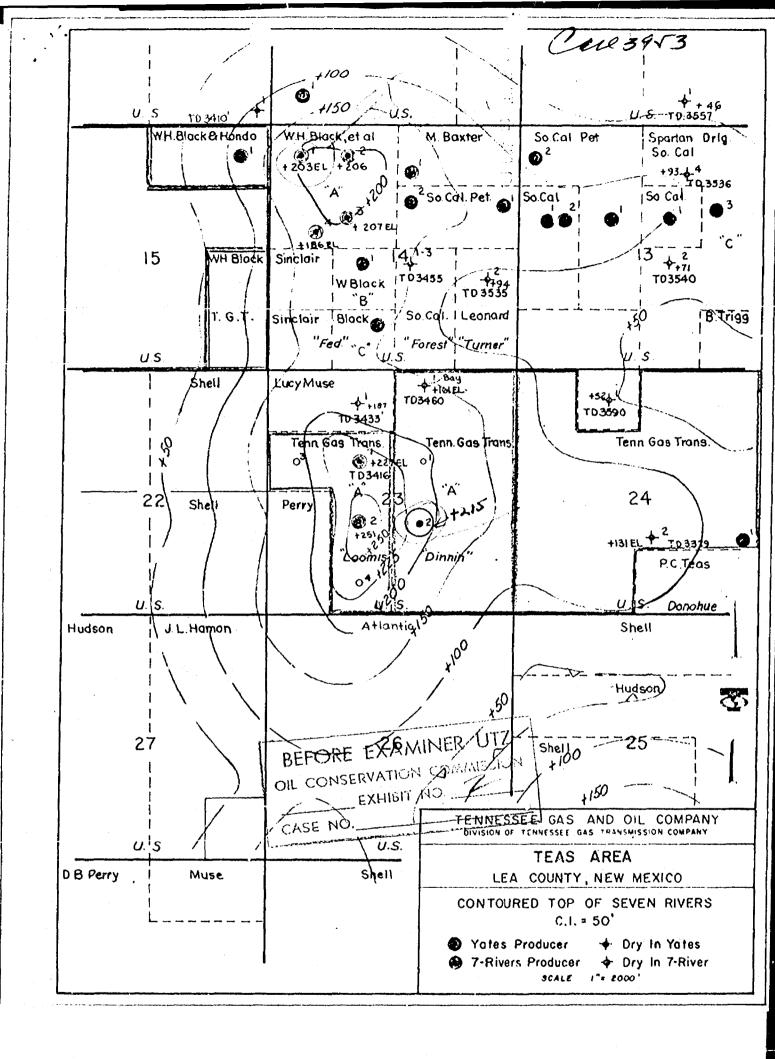
Form C-108 Revised L-1-55

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APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A I	POROUS F	ORMATION

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(Signature) (Title) (Date)

NOTE: Should waivers from the State Engineer, the surface owher, 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 not prove the 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.



Cen 3953

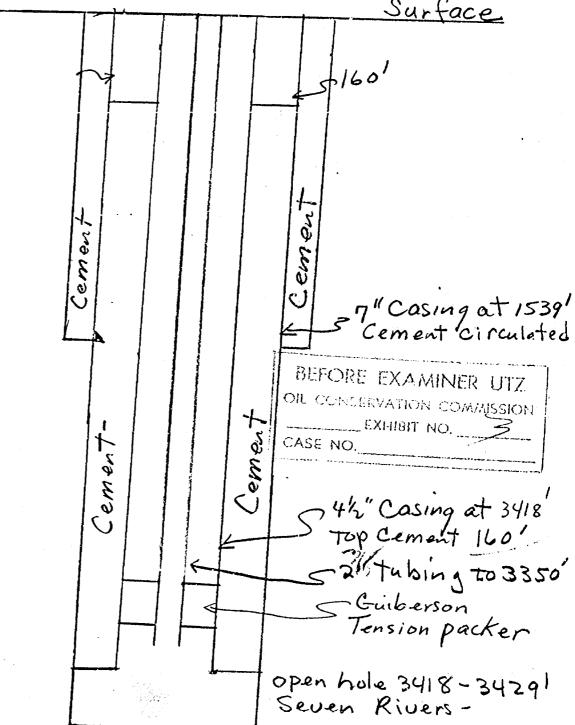
BILL J. GRAHAM

CONSULTING PETROLEUM ENGINEER . OIL OPERATOR

202 WEST BUILDING P. C. BOX 5321 MUTUAL 4-6872 AREA CODE 915

MIDLAND, TEXAS

Diagrammatic Sketch of Bernice Dinnin A#2



BILL J. GRAHAM

CONSULTING PETROLEUM ENGINEER - OIL OPERATOR

File Dinnin 7

202 WEST BUILDING P. O. BOX 5321

MUTUAL 4-6872 AREA CODE 915

October 18, 1968

Tenneco Oil Company P, 0. Box 1031 Midland, Texas 79701

United States Bureau of Land Management P. O. Drawer 1857 Roswell, New Mexico

Gentlemen:

Attached is one copy of an application to dispose of salt water into the Seven Rivers formation in the B. J. Graham, Bernice Dinnin A, Well #2. (1980' FSL E 1980' FEL, Sec. 23, T 20 S, R 33 E, Lea County, New Mexico.

If you have no objections to this well being used for salt water disposal, please sign below and return one copy to the above address.

Very truly yours,

Bill J Graham

U. S. Bureau of Land Management

BJG/kb Enclosure

BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

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NM 8274 (4.20e) SLUP Application



S UNITED STATES
DEPARTMENT OF THE INTERIOR

TREAU OF LAND MANAGEMENT

PROGRAM MANAGEMENT & LAND OFFICE
P. O. Box 1449
Santa Fe, New Mexico 87501

November 18, 1968

Mr. Bill J. Graham P. O. Box 5321 Midland, Texas 79701

Dear Mr. Graham:

Your application to utilize the following-described lands for salt water disposal purposes has been assigned serial New Mexico 8274:

T. 20 S., R. 33 E., N. Mex. Prin. Mer., New Mexico Sec. 23, Sanwanna SEL, Naswanna SEL

It will be necessary that you furnish a copy of the approval from the Oil Conservation Commission of New Mexico, authorizing your disposal operations. The application will be processed when this evidence is received.

Sincerely yours,

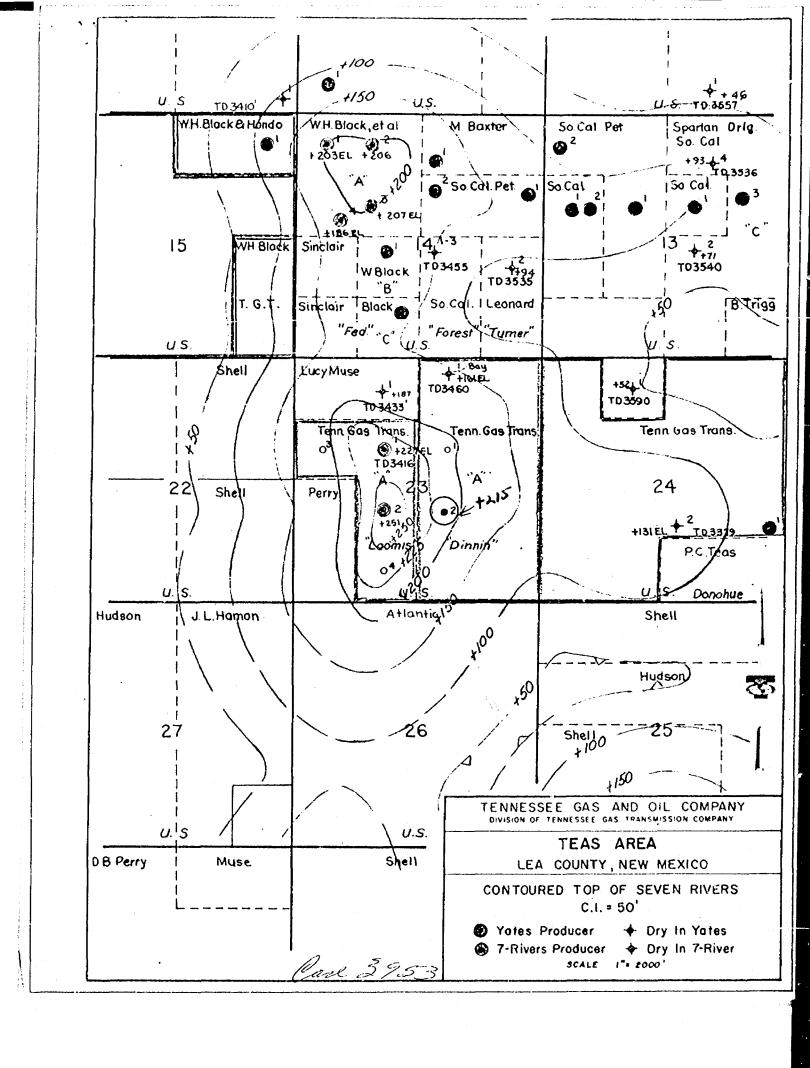
11 Harold A. Berends

Chief, Branch of Lands

cc: Oil Conservation Commission of ew Mexico P. O. Box 2088
Santa Fe, New Mexico 87501
Attention: Mr. Daniel S. Nutter

NEW MEXICO OIL CONSESSATION COMMISSION
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR .	CATION TO DI	OF OSE OF SALT MAI	IAIGNESS	IN INTO A POROU	
B. J. Graham			. 2	ox 5321. Nid	lland, Texas
Bernice Dinni	in A	2	Teas		Lea
LOCATION UNIT LETTER _	J.	; WELL IS LOCATED 198		South	NE AND 1980 FEET FROM TH
			FEET FROM T	HE SOULII LIN	NE AND THE PROM IN
East LINE, SECTION	23	TOWNSHIP 20S CASING A	IND TUBING DATA	NMPM.	
NAME OF STRING SURFACE CASING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMEN	TOP DETERMINED BY
INTERMICIATE	7."	1539	240	Surface	Circulated
	41/211	3418	250	160!	Temp. Survey
LONG STRING			-		
TUBING	2"	3350	3350	Guibers	on Tension
NAME OF PROPOSED INJECTION FOR			TOP OF FORMATION		BOTTOM OF FORMATION
Seven Rivers IS INJECTION THROUGH TUBING, CA	SING, OR ANNUEUS?	PERFORATIONS O	R OPEN HOLE? PAUPOSI	ED INTERVAL(S) OF INJECT	3429
Tubing IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER	IS NO, FOR WHAT PURPOSE	WAS WELL ORIGINALLY	1 1	HAS WELL EVER BEEN PERFORATED IN AN ZONE OTHER THAN THE PROPOSED INJEC-
NO LIST ALL SUCH PERFORATED INTER	VALS AND SACKS OF	CEMENT USED TO SERL OF	OR SOBERT EACH		TION ZONE?
None				·	
DEPTH OF BOTTOM OF DEEPEST Fresh water zone in this area		DEPTH OF BOTTOM OF N	EXT HIGHER IS AREA 3300	DEPTH OF TOP O	OF NEXT LOWER IE IN THIS AREA None
ANTICIPATED DAILY MINIMUM INJECTION VOLUME (BBLS.)	1 MAXIMUM	OPEN OR CLOSED	}	NJECTION TO BE BY GRAVI	سيبا
ANSWER YES OR NO WHETHER THE FERALIZED TO SUCH A DEGREE AS TO	0LLOWING WATERS		BE DISPOSED OF NATE	Pressure JRAL WATER IN EISPO- /	400
STOCK, IRRIGATION, OR OTHER GENE NAME AND ADDRESS OF SURFACE ON	RAL USE -	Ye	t	Yes	No
Federal Land					
IST NAMES AND ADDRESSES OF AL				1 -	
Tenneco Oil C	ompany	P.o. Box 103	1, 1716016	nd Texa	
Note-This wel	l is low	in the reserv	voir and pr	oduces 90% v	water. Injection
of water will	aid in r	ecovery of of	il in the u	p dip wells.	
, , , , , , , , , , , , , , , , , , , ,					
AVE COPIES OF THIS APPLICATION	BEEN SURFACE OF	VNER	EACH OPERATOR WIT	HIN ONE-HALF MILE T	HE NEW MEXICO STATE ENGINEER
ENT TO EACH OF THE FOLLOWING?	Yes		Yes	1	Yes
RE THE FOLLOWING ITEMS ATTACH HIS APPLICATION (SEE RULE 701-B	ED 10 PLAT'OF AR	EA	ELECTRICAL LOG	10	TAGRAMMATIC SKETCH OF WELL
3.1	Yes	Aformation above to b	Yes	. hant of	Yes
O 1 1 f	certify that the in	nformation above is true	e and complete to th	e best of my knowled	ge and better.
Bull (Signature)	ecom	Owne	(Title)		(Date)
	the State Engine	eer the surface owner		within one-half mi	le of the proposed injection well.
not accompany this c from the date of rec	application, the cipt by the Com Fe office, the a	New Mexico Oil Con nmission's Santa Fe o pplication will be p-o	servation Commissi Office. If at the en ocessed. If a protes	on will hold the ap d of the 15-day waiti t is received, the ap	oplication for a period of 15 daysing period no protest has been re- oplication will be set for hearing,
			Care	2953	



BILL J. GRAHAM

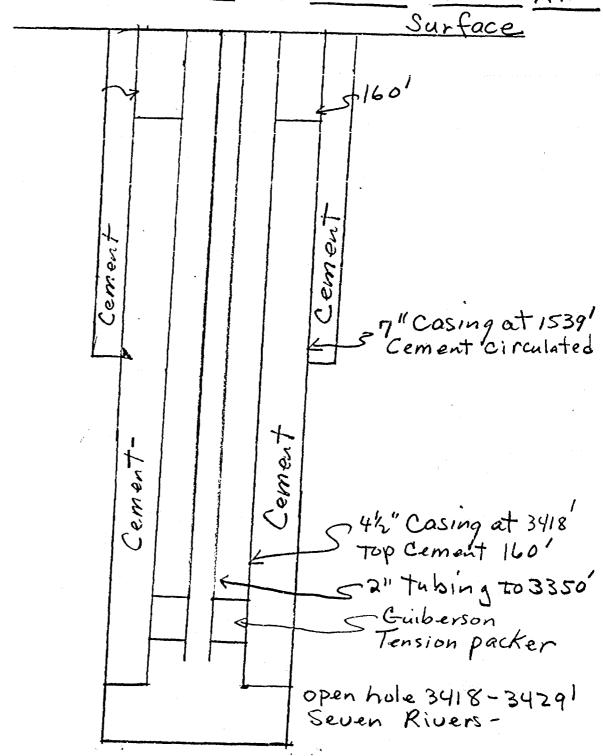
CONSULTING PETROLEUM ENGINEER - OIL OPERATOR

202 WEST BUILDING P. O. BOX 5321

MUTUAL 4.6872

MIDLAND, TEXAS

Diagrammatic Sketch of Bernice Dinnin A#2



Care 375-3

BILL J. GRAHAM

CONSULTING PETROLEUM ENGINEER - OIL OPERATOR

202 WEST BUILDING P. O. BOX 5321

MUTUAL 4-6872 AREA CODE 915 MIDLAND, TEXAS 79701

October 18, 1968

Tenneco Oil Company P, O. Box 1031 Midland, Texas 79701

United States Bureau of Land Management P. O. Drawer 1857 Roswell, New Mexico

Gentlemen:

Attached is one copy of an application to dispose of salt water into the Seven Rivers formation in the B. J. Graham, Bernice Dinnin A, Well #2. (1980' FSL E 1980' FEL, Sec. 23, T 20 S, R 33 E, Lea County, New Mexico.

If you have no objections to this well being used for salt water disposal, please sign below and return one copy to the above address.

Bill Haliam

Bill & Graham

Tenneco Oil Company

U. S. Bureau of Land Management

BJG/kb Laclosure

Car 3953

DRAFT

GMH/esr

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; But compton
orders BLM

And

CASE No. 3953

Order Nc. R- 3595

APPLICATION OF B. J. GRAHAM FOR SALT WATER DISPOSAL, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

	SSION:	

8:30
This cause came on for hearing at 9 a.m. on November 20 1968, at Santa Fe, New Mexico, before Examiner Elvis A. Utz

NOW, on this <u>day of November</u>, 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, B. J. Graham
 is the owner and operator of the Bernice Dinnin A Well No. 2
 located in Unit J of Section 23, Township 20 South, Range
 33 East, NMPM, Teas Yates-Seven Rivers Pool Lea
 County, New Mexico.
- (3) That the applicant proposes to utilize said well to dispose of produced salt water into the Seven Rivers formation, with injection into the open-hole interval from approximately 3418 feet to 3429 feet.
- (4) That the injection should be accomplished through 238—inch plastic-lined tubing installed in a packer set at

approximately 3350 feet; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge should be attached to the annulus or the annulus left open at the surface in order to determine leakage in the casing, 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, B. J. Graham

is hereby authorized to utilize his Bernice Dinnin A Well No. 2,
located in Unit J of Section 23, Township 20 South, Range

33 East, NMPM, Teas Yates-Seven Rivers Pool, Lea

County, New Mexico, to dispose of produced salt water into the

Seven Rivers formation, injection to be accomplished through

238 -inch tubing installed in a packer set at approximately

3350 feet, with injection into the open-hole interval

from approximately 3418 feet to 3429 feet;

PROVIDED HOWEVER, that the tubing shall be plastic-lined; 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 casing, tubing, or packer.

- (2) That the applicant shall submit monthly reports of the 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.