

Case Number

3921

Application

Transcripts

Small Exhibits

ETC.

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. 3921
Order No. R-3576

APPLICATION OF KERN COUNTY LAND
COMPANY FOR SALT WATER DISPOSAL,
ROOSEVELT COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

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

NOW, on this 19th 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, Kern County Land Company, is the
owner and operator of the Federal 21 Well No. 3, located in Unit
O of Section 21, Township 7 South, Range 33 East, NMPM, Chaveroo-
San Andres Pool, Roosevelt County, New Mexico.

(3) That the applicant proposes to utilize said well to
inject produced salt water into the San Andres formation, with
injection into the perforated interval from approximately 4165
feet to 4291 feet.

(4) That the subject well should be classified as a pressure
maintenance project injection well.

(5) That the subject pressure maintenance project is in the
interest of conservation and should result in greater ultimate
recovery of oil, thereby preventing waste.

(6) That the subject application should be approved and the
project should be governed by the provisions of Rules 701, 702, and
703 of the Commission Rules and Regulations.

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CASE No. 3921

Order No. R-3576

IT IS THEREFORE ORDERED:

(1) That the applicant, Kern County Land Company, is hereby authorized to institute a pressure maintenance project in the Chaveroo-San Andres Pool, Roosevelt County, New Mexico, by the injection of water into the San Andres formation through its Federal 21 Well No. 3, located in Unit O of Section 21, Township 7 South, Range 33 East, NMPM, Roosevelt County, New Mexico.

(2) That said injection should be accomplished through 2 7/8-inch tubing installed in a packer set at approximately 4100 feet, and into the perforated interval from approximately 4165 feet to 4291 feet;

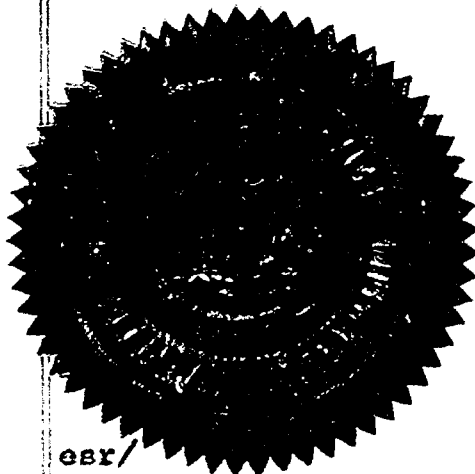
PROVIDED HOWEVER, that the tubing shall be plastic-lined; that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus in order to determine leakage in the tubing, casing, or packer.

(3) That the subject pressure maintenance project is hereby designated the Kern County Federal 21 Pressure Maintenance Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(4) That monthly progress reports of the pressure maintenance project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(5) 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/

39²¹
~~72~~

Heard 11-7-68

Rec. 11-8-68

1. Grant Kernco Co. (Denneco)
permission to convert their
Dad '28' #3, O-21-75-33E, Chavero
pool into a S.W.D. well. Injection
shall be thru 2 $\frac{3}{8}$ " internally plastic
coated tubing, under a packer set at
approx. 9100' and into the S.A. zone.
Thru perfs from 4165-4281.

The 4 $\frac{1}{2}$ " x 2 $\frac{3}{8}$ " Annulus shall be
filled with inert fluid with
a pressure gauge at the surface.
Must be

Docket No. 32-68

DOCKET: EXAMINER HEARING - THURSDAY - NOVEMBER 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 3910: (Continued from the October 23, 1968 Examiner Hearing)

Application of Atlantic Richfield Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Bough "C" zone of the Pennsylvanian formation underlying the SW/4 of Section 17, Township 10 South, Range 34 East, Vada-Pennsylvanian Pool, Lea County, New Mexico. Said acreage to be dedicated to a well located in the NE/4 SW/4 of said Section 17.

CASE 3911: (Continued from the October 23, 1968 Examiner Hearing)

Application of Atlantic Richfield Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Bough "C" zone of the Pennsylvanian formation underlying the SE/4 of Section 8, Township 10 South, Range 34 East, Vada-Pennsylvanian Pool, Lea County, New Mexico. Said acreage to be dedicated to a well located in the NW/4 SE/4 of said Section 8. In the alternative applicant seeks approval of a non-standard oil proration unit comprising the E/2 SE/4 of said Section 8 and the W/2 SW/4 of Section 9, said Township and Range, said unit to be dedicated to a well to be drilled in the NE/4 SE/4 of said Section 8.

CASE 3894: (Continued and Readvertised)

Application of Signal Oil and Gas Company for a non-standard oil proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a non-standard oil proration unit comprising the W/2 NE/4 and the N/2 SE/4 of Section 17, Township 10 South, Range 34 East, Vada-Pennsylvanian Pool, Lea County, New Mexico, said unit to be dedicated to its State AP Well No. 1 located 1980 feet from the South line and 660 feet from the East line of said Section 17.

In the alternative, applicant seeks approval of an 80-acre non-standard oil proration unit comprising the N/2 SE/4 of

(Case 3894 continued)

said Section 17 and the assignment of approximately 79% of a standard 160-acre unit allowable for said pool to said 80-acre unit.

CASE 3918: Application of R. R. Morrison for three non-standard proration units, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of three non-standard 80-acre oil proration units in Township 10 South, Range 34 East, Vada-Pennsylvanian Pool, described as follows:

Unit No. 1 comprising the E/2 SW/4 of Section 17, dedicated to applicant's State "17" Well No. 1 located in Unit K of said Section 17;

Unit No. 2 comprising the E/2 NE/4 of Section 17, dedicated to applicant's Atlantic "A" State Well No. 1 located in Unit A of said Section 17;

Unit No. 3 comprising the W/2 SE/4 of Section 8, dedicated to applicant's State "B" Well No. 1 located in Unit J of said Section 8.

Applicant further seeks the assignment of approximately 79% of a standard 160-acre unit allowable for said pool to each of the aforesaid 80-acre units.

CASE 3919: Application of Sunray DX Oil Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Bough "C" zone of the Pennsylvanian formation underlying the SE/4 of Section 17, Township 10 South, Range 34 East, Vada-Pennsylvanian Pool, Lea County, New Mexico. Said acreage to be dedicated to Signal Oil Company's State AP Well No. 1 located in Unit I of said Section 17. In the alternative applicant seeks approval of a non-standard proration unit comprising the S/2 SE/4 of said Section 17 and the N/2 NE/4 of Section 20, said Township and Range, said unit to be dedicated to applicant's New Mexico "AW" Well No. 1 located in the NE/4 NE/4 of said Section 20.

CASE 3912: Application of American Petrofina Company of Texas 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, Glorieta, and Abo formations in the open-hole interval from approximately 4211 feet to 8690 feet in its Federal "C" Well No. 2 located in

November 7, 1968 - Examiner Hearing

Docket No. 32-68

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(Case 3912 continued)

Unit E of Section 21, Township 8 South, Range 36 East, South Prairie-Cisco Pool, Roosevelt County, New Mexico.

- CASE 3913:** Application of Pan American Petroleum Corporation for salt water disposal, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Pennsylvanian "D" formation in the perforated interval from 6267 feet to 6286 feet in its Navajo Tribal "U" Well No. 1 located in Unit L of Section 21, Township 26 North, Range 18 West, Tocito Dome-Pennsylvanian "D" Pool, San Juan County, New Mexico. Applicant further seeks an administrative procedure whereby other wells in said pool may be approved for disposal purposes, if completed in a manner similar to the subject well, without the requirement of notice and hearing.
- CASE 3914:** Application of Texas Pacific Oil 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 Seven Rivers and Queen formations in the open-hole interval from approximately 3721 feet to 3995 feet in its State "A" a/c-2 Well No. 6 located in Unit B of Section 7, Township 22 South, Range 36 East, South Eunice Pool, Lea County, New Mexico.
- CASE 3915:** Application of Texas Pacific Oil 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 Pennsylvanian formation in the perforated interval from approximately 9570 feet to 9972 feet in its State "AH" Well No. 2 located in Unit N of Section 14, Township 12 South, Range 34 East, Ranger Lake Field, Lea County, New Mexico.
- CASE 3916:** Application of Texas Pacific Oil 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 perforated interval from approximately 6686 feet to 6830 in its Woolley Federal No. 1 located in Unit M of Section 21, Township 17 South, Range 30 East, Loco Hills-Abo Pool, Eddy County, New Mexico.
- CASE 3917:** Application of Agua, Inc., for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres and other formations in the interval from approximately 4530 feet to 6375 feet in its Corbin SWD Well No. G-31 located in the SW/4 NE/4 of Section 31, Township 17 South, Range 33 East, Corbin Field, Lea County, New Mexico.

November 7, 1968, Examiner Hearing

Docket No. 32-68

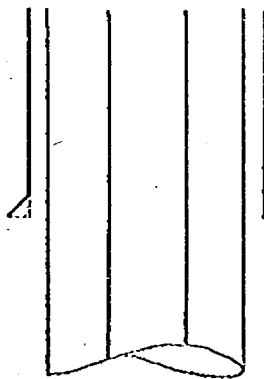
-4-

CASE 3920: Application of Kern County Land 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 4158 feet to 4233 feet in its Federal 23 Well No. 11 located in Unit F of Section 23, Township 7 South, Range 33 East, Chaveroo-San Andres Pool, Roosevelt County, New Mexico.

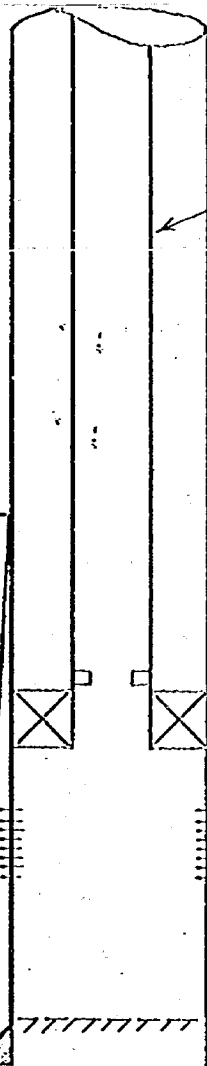
CASE 3921: Application of Kern County Land Company for salt water disposal, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the perforated interval from approximately 4165 feet to 4291 feet in its Federal 21 Well No. 3 located in Unit O of Section 21, Township 7 South, Range 33 East, Chaveroo-San Andres Pool, Roosevelt County, New Mexico.

CASE 3922: Application of Tenneco 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 4214 feet to 4344 feet in its State "V" Well No. 3 located in Unit K of Section 30, Township 7 South, Range 34 East, Chaveroo-San Andres Pool, Roosevelt County, New Mexico.

CASE 3923: Application of Tenneco Oil Company for salt water injection, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to inject produced salt water into the Wolfcamp formation in the perforated interval from approximately 10642 feet to 10699 feet in its Kemnitz-Wolfcamp Unit Well No. 7 located in Unit O of Section 19, Township 16 South, Range 34 East, Kemnitz-Wolfcamp Pool, Lea County, New Mexico.



7" Csg. @ 1810 / 375 Sx. cnt to Surface



2 7/8" Tubing

Top Cement @ 2578' calculated

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Appl EXHIBIT NO. 4
CASE NO. 3920, 3921, 3922

Baker Model "R" Packer @ 4100'

Perfs: 4165' - 4291'

4 1/2" Csg. @ 4373' / 350 Sx.



KERN CO. LAND COMPANY

CHAVEROO FIELD
ROOSEVELT COUNTY, NEW MEXICO

Subsurface Schematic
Proposed SWD Well
Federal "21" No. 3

Ex D

4165-41281

BAIN GEO ATLAS CO R.P.

(P) (C) (A) (C) *Gamma Ray Neutron Log*

FILE NO.		COMPANY <u>KERN COUNTY LAND COMPANY</u>	
WELL <u>FEDERAL 21-3</u>		FIELD <u>CHAVEROO</u>	
COUNTY <u>ROOSEVELT</u>		STATE <u>NEW MEXICO</u>	
LOCATION: <u>660 FSL</u> <u>1980 FEL</u>		Other Services	
SEC <u>21</u> TWP <u>7-S</u> RGE <u>33-E</u>			
Permanent Datum <u>G.L.</u>	Elev. <u>*</u>	Elevations:	
Log Measured from <u>R.T.</u>	<u>9'</u> Ft. Above Permanent Datum	K3 <u>*</u>	
Drilling Measured from <u>R.T.</u>		DF <u>*</u>	
		CL <u>*</u>	
Date <u>10-20-66</u>	Run No. <u>ONE</u>		
Type Log <u>G/N</u>	Depth-Driller <u>4345</u>		
Depth-Logger <u>4349</u>	Bottom Logged Interval <u>4343</u>		
Top Logged Interval <u>1800</u>	Type Fluid in Hole <u>WATER</u>		
Sediment Pom Cl. <u>-</u>	Density Lb./Gal. <u>-</u>		
Level <u>FULL</u>	Max. Rec. Temp. Deg. F <u>-</u>		
Out. Rig Time <u>3 1/2 HRS.</u>	Recorded By <u>ADAMS</u>		
Witnessed By <u>MR. VANCEY</u>			
Run No. <u>ONE</u>		Casing Record	
Bit <u>From</u>	To <u>Size</u>	Wgt. <u>9.5</u>	From <u>SURF</u>
			To <u>10</u>

Gamma Ray				EQUIPMENT DATA				Neutron			
Run No.	ONE			Run No.	ONE			Run No.	ONE		
Tool Model No.	TELB			Log Type	N/N EPI			Tool Model No.	PH-125		
Diam.	3 5/8			Tool Model No.	PH-125			Diam.	3 5/8		
Detect. Model No.	TELB			Detect. Model No.	PH-125			Detect. Model No.	PH-125		
Type	SC INT			Type	PROP			Type	PROP		
Length	5"			Length	8 7/8"			Length	8 7/8"		
Dist. to N. Source	76.7"			Source Model No.	300+BE			Source Model No.	300+BE		
General				Serial No.				162167162158			
Truck No.	PU-106			Spacing				12"			
Truck No.	PU-106			Type				RA: BE			
Tool Serial No.	201			Strength				1.0X10 ⁷ N/S			

General				Gamma Ray				Neutron			
Run No.	Depths		Speed Ft./Min.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API G.R. Units Per Log Div.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API N. Units Per Log Div.
	From	To									
"	1800	2050	60	2	50	0	10	2	123	3-L	150
"	2050	3430	60	2	50	0	10	2	123	8-L	150
"	3430	3800	60	2	50	0	10	2	123	10-L	150
"	3800	4348	30	3	50	0	10	3	123	10-L	150

Remarks:	Reference Literature:
* INFORMATION NOT AVAILABLE	
BEFORE EXAMINER UTZ	
OIL CONSERVATION COMMISSION	
EXHIBIT NO. <u>7</u>	
CASE NO. <u>2720, 2721, 2722</u>	
LOGGING ORDER 11841	

Gamma Ray

DEPTH

Neutron

API GAMMA RAY UNITS

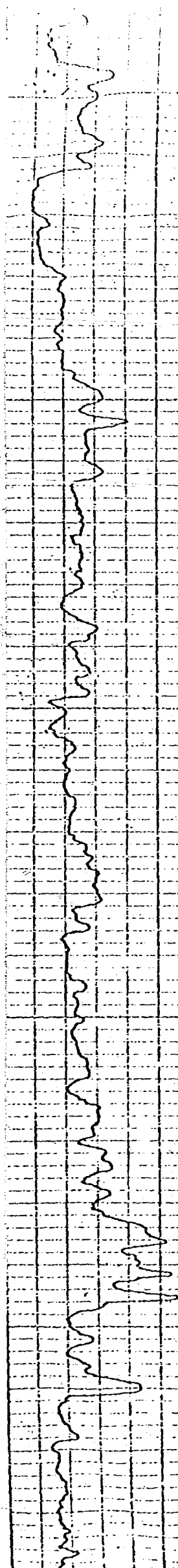
API NEUTRON UNITS

100

450

A

3450

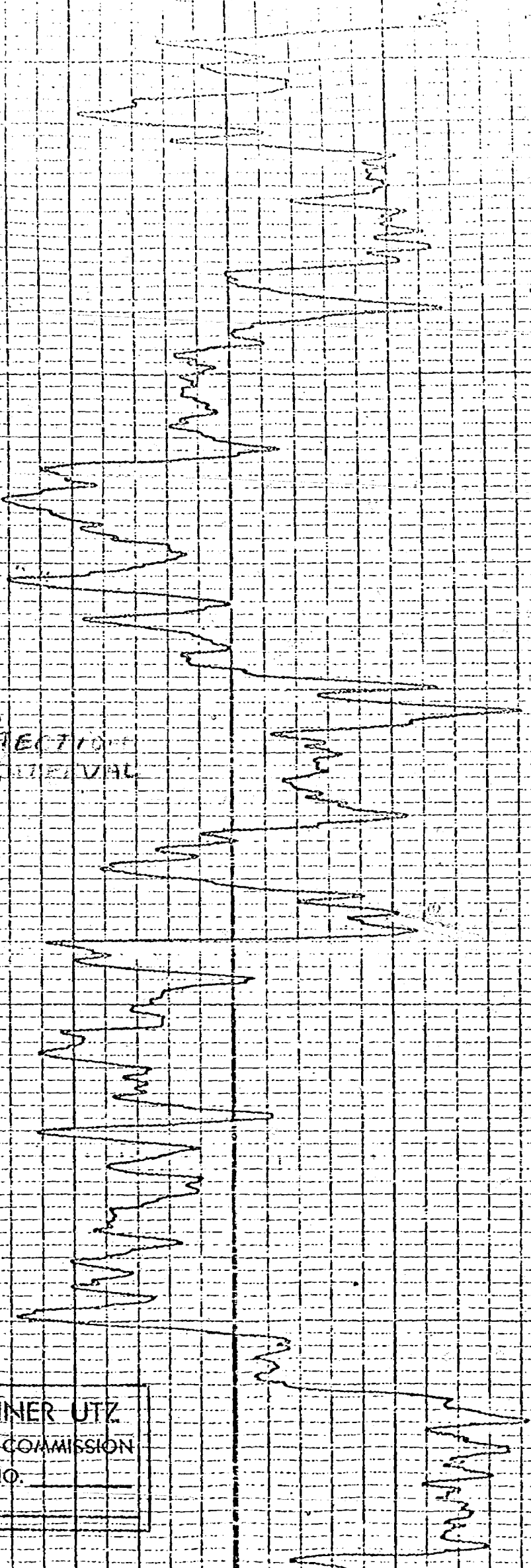


4100

4200

4300

INJECTION
INTERVAL



BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. _____
CASE NO. _____

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR Kern County Land Company		ADDRESS P. O. Box 1031 Midland, Texas 79701			
LEASE NAME Federal "21"	WELL NO. 3	FIELD Chaveroo	COUNTY Roosevelt		
LOCATION UNIT LETTER 0 ; WELL IS LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 21 TOWNSHIP 7-S RANGE 33-E NMPM.					
CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	7"	1810	375	Circulated	-----
INTERMEDIATE					
LONG STRING	4-1/2	4373	350	2578	Calculated
TUBING	2-7/8	4125	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model "R" @ 4100		
NAME OF PROPOSED INJECTION FORMATION San Andres		TOP OF FORMATION 3427		BOTTOM OF FORMATION Not Penetrated	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLES Perforations		PROPOSED INTERVAL(S) OF INJECTION 4165 - 4291	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Well		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No	
LIST ALL SUCH PERFORATE INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 200		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None	
ANTICIPATED DAILY INJECTION VOLUME (BBL/DAY) 200	MINIMUM 150	MAXIMUM 500	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure if needed	APPROX. PRESSURE (PSI) 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 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) Federal Land Office - USGS - Drawer 1857 - Roswell, New Mexico 88201					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL					
Geror Oil Prod. & Dev. - 1846 E. Broadway - Tucson, Arizona 85719					
Pan American Petroleum Corp. - P. O. Box 68 - Hobbs, New Mexico 77240					
Allrigh & Howell - P. O. Box 848 - Roswell, New Mexico 88201					
Sure Oil Company - P. O. Box 1861 - Midland, Texas 79701					
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	

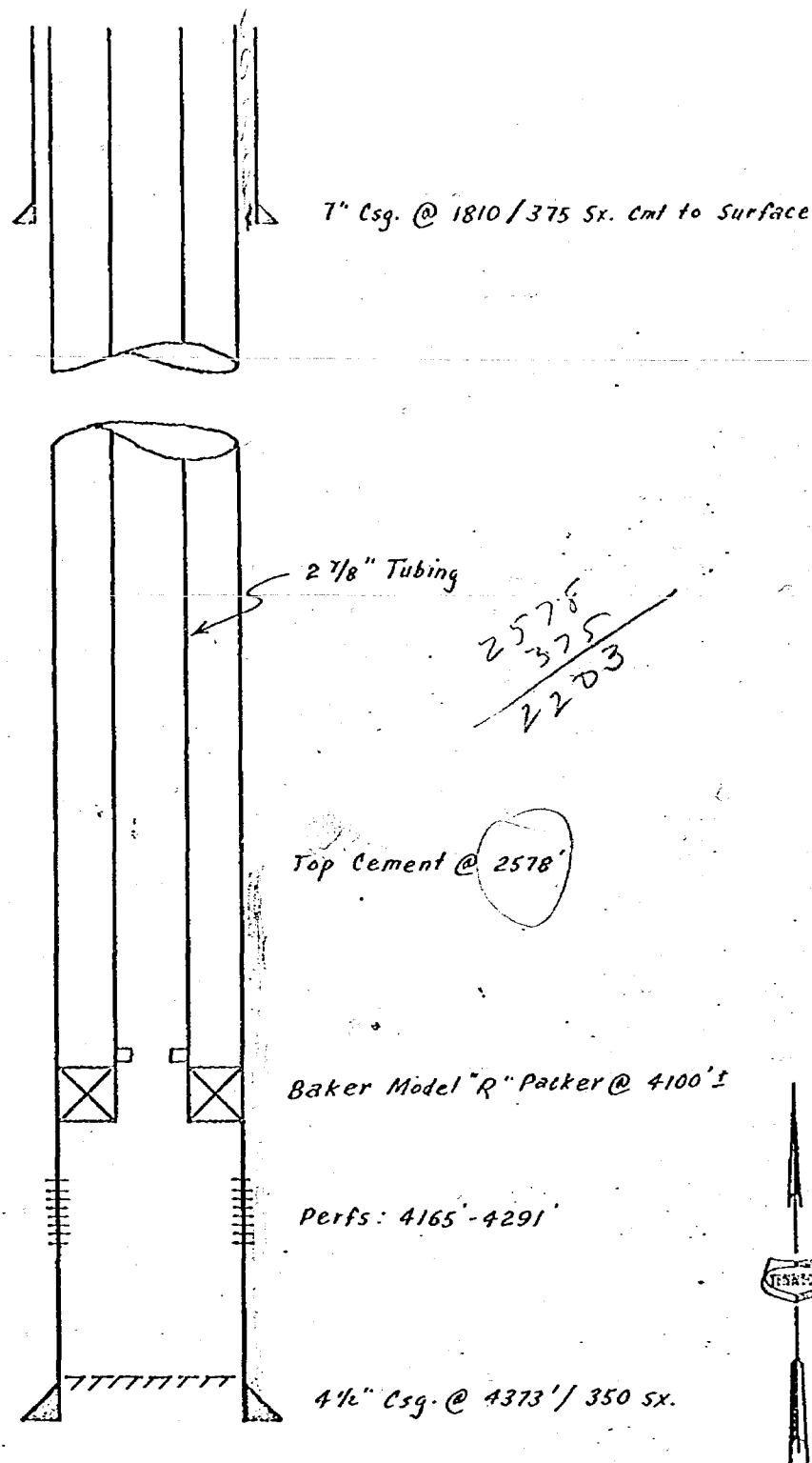
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

L. M. Williams
(Signature)

L. M. Williams

Production Engineer
(Title)October 21, 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.



KERN CO. LAND COMPANY

CHAVEROO FIELD
ROOSEVELT COUNTY, NEW MEXICO

Subsurface Schematic
Proposed SWD Well
Federal "21" No. 3

Case 3921



CHAUVERON FIELD
ROOSEVELT CO., NEW MEXICO.

Proposed SWD Well
Federal "21" No. 3

SCALE IN FEET

4000 0 4000 8000

Case 3921

4165-21281

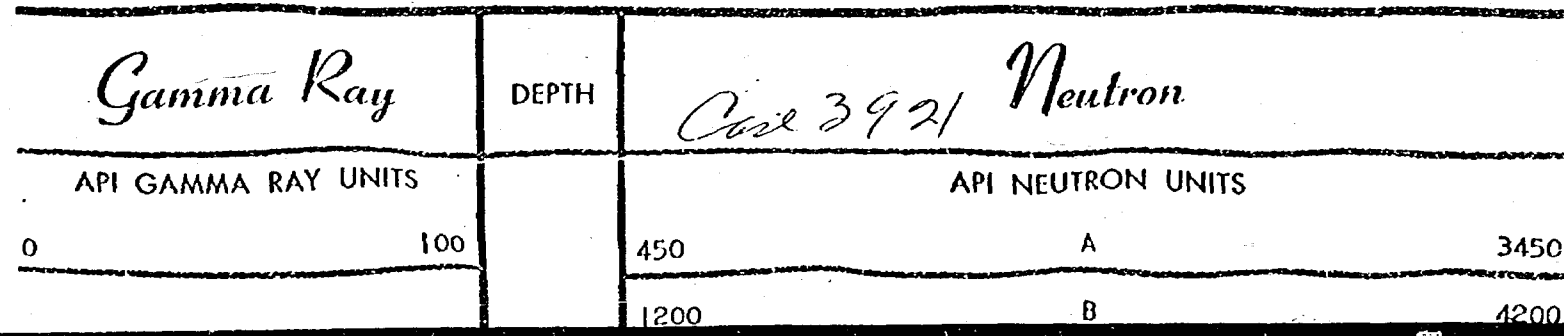
Gamma Ray Neutron Log

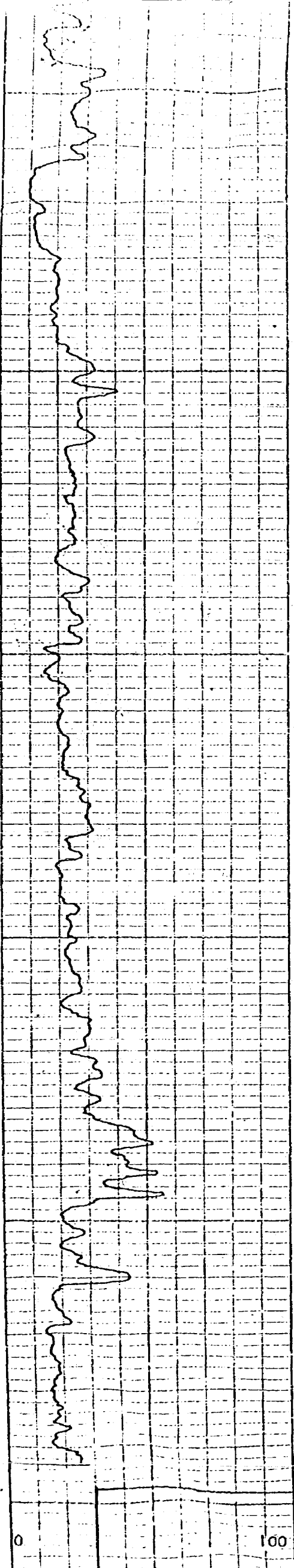
FILE NO.		COMPANY KERN COUNTY LAND COMPANY	
WELL FEDERAL 21-3		FIELD CHAVEROO	
COUNTY ROOSEVELT		STATE NEW MEXICO	
LOCATION: 660 FSL 1980 FEL		Other Services	
SEC 21	TWP 7-S	RGE 33-E	
Permanent Datum G.L. Elev. *		Log Measured from R.T. 9' Ft. Above Permanent Datum	
Drilling Measured from R.T.		KB * Elevations: DF * GL *	
Date 10-20-66	Run No. ONE		
Type Log G/N	Depth-Driller 4345		
Depth-Logger 4349	Bottom Logged Interval 4348		
Top Logged Interval 1800	Type Fluid in Hole WATER		
Salinity Ppm Cl. -	Density Lb./Gal. FULL		
Level -	Max. Rec. Temp. Deg. F -		
Op. Rig Time 3 1/2 HRS.	Recorded By ADAMS		
Witnessed By M. YANCEY			
Bore Hole Record		Casing Record	
Run No.	Bit From To	Size	Wgt. From To
		4 1/2	9.5 SURF TD

Gamma Ray		EQUIPMENT DATA		Neutron	
Run No.	ONE	Run No.	ONE		
Tool Model No.	TELB	Log Type	N/N EPI		
Diam.	3 5/8	Tool Model No.	PH-125		
Detect. Model No.	TELB	Diam.	3 5/8		
Type	SC INT	Detect. Model No.	PH-125		
Length	5"	Type	PROP		
Dist. to N. Source	76.7"	Length	8 7/8"		
		Source Model No.	300+BE		
General		Serial No.	162167162168		
Hoist Truck No.	PU-106	Spacing	12"		
Inst. Truck No.	PU-106	Type	RA:BE		
Tool Serial No.	201	Strength	1.0X10 ⁷ N/S		

General				Gamma Ray				Neutron			
Run No.	From	To	Speed Ft./Min.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API G.R. Units Per Log Div.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API N. Units Per Log Div.
2"	1800	2050	60	2	50	0	10	2	123	3-L	150
2"	2050	3420	60	2	50	0	10	2	123	8-L	150
2"	3430	3800	60	2	50	0	10	2	123	10-L	150
5"	3800	4348	30	3	50	0	10	3	123	10-L	150

Remarks:	Reference Literature:
* INFORMATION NOT AVAILABLE	
LOGGING ORDER 11841	

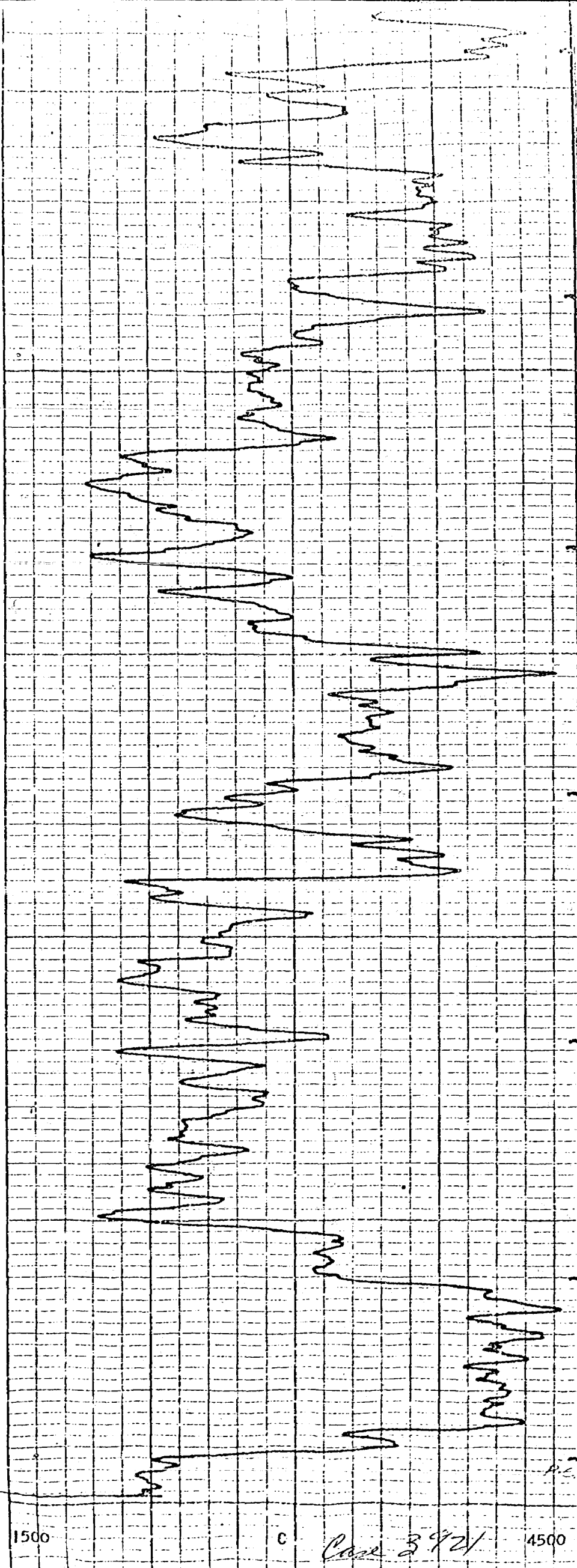




4100

4200

4300



0

100

1500

C

Case 3921

4500

DRAFT

GMH/esr
11-15-68

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:

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Order No. R- 35-76

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ROOSEVELT COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

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NOW, on this _____ day of November, 1968, the Commission, a
quorum being present, having considered the testimony, the record,
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FINDS:

(1) That due public notice having been given as required by
law, the Commission has jurisdiction of this cause and the subject
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(2) That the applicant, Kern County Land Company, is the
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(6) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Kern County Land Company, is hereby authorized to institute a pressure maintenance project in the Chaveroo-San Andres Pool, Roosevelt County, New Mexico, by the injection of water into the San Andres formation through its Federal 21 Well No. 3, located in Unit O of Section 21, Township 7 South, Range 33 East, NMPM, Roosevelt County, New Mexico.

(2) That said injection should be accomplished through 2 7/8-inch tubing installed in a packer set at approximately 4100 feet, and into the perforated interval from approximately 4165 feet to 4291 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 in order to determine leakage in the tubing, casing, or packer.

(3) That the subject pressure maintenance project is hereby designated the Kern County Federal 21 Pressure Maintenance Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(4) That monthly progress reports of the pressure maintenance project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

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(5) 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.

Kern County Land Co.

disposal prod salt water
in the San Andres formation
in the pay out from
4165 to 4291 feet in its

Federal 21. Well No 3.

loc in Unit O. See 21.

T 7 S R 33 E Roosevelt

Co. N Mex.

660 FSL
1980 FEL