Case Number

Application Transcripts.

Small Exhibits

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico July 9, 1969

EXAMINER HEARING

IN THE MATTER OF:

Application of Western States Producing Company for a dual completion and a salt water disposal, Roosevelt County, New Mexico.

Case No. 4162

BEFORE: Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING

MR. NUTTER: Next case number is 4162.

MR. HATCH: Case 4162, application of
Western States Producing Company for a dual
completion and salt water disposal, Roosevelt County,
New Mexico.

MR. NUTTER: The Commission has received a request from the applicant that this case be dismissed.

Case Number 4162 will be dismissed.

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

I, JERRY MARTINEZ, Notary Public in and for the County of McKinley. 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.

Notary Public

My Commission Expires: January 24, 1970.

M do hereby certify that the foregoing to ecomplete record of the proceedings is the Eraminer hearing of Case No. 4/62.

No Series Oil Conservation Commission



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. COX 2088 - SANTA FE 87501

GOVERNOR
DAVID F. CARGO
CHAIRMAN

LAND COMMISSIONER ALEX J. ARMIJO MEMBER

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

July 16, 1969

Mr. Don C. Bennesco Westorn States Producing Company	Case Orde
900 Building of the Southwest	App]
Midland, Texas 79701	West

Case No	4102	
Order No	₹-3793	
Applicant:	1.2	
Western States	Producing	Co

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	3.	(1) × × ×	
Copy of order	also sent to:	**************************************	
Hobbs OCC	<u> </u>	6	
Artesia OCC_			
Aztec OCC			
Other		 	

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. 4162 Order No. R-3793

APPLICATION OF WESTERN STATES PRODUCING COMPANY FOR A DUAL COMPLETION AND 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 July 9, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 15th day of July, 1969, the Commission, a quorum being present, 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. 4162 is hereby dismissed.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Challrman

ALEX J. ABMETO, Member

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

WESTERN STATES PRODUCTING COMPANY

SOO BUILDING OF THE SOFTHWEST

VICE PRESIDENT AND

MIDLAND, TEXAS 79701

MAMAGER OF OPERATIONS

June 27, 1969

New Mexico Oil Conservation

Commission

Commission

State Land Office Building

Santa Fe, New Mexico 87501

RE: Dual Completion and Salt Water Disposal Application State 30 Well No. 2, Roosevelt County, New Mexico Chaveroo (San Andres) Field

Gentlemen:

Western States Producing Company desires to cancel the subject application and scheduled hearing. This hearing is presently scheduled for July 9, 1969 as Case No. 4162.

Yours very truly,

WESTERN STATES PRODUCING COMPANY

DON C. BENNETT
Operations Manager

DCB:jan

Memo

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EXAMINER HEARING - WEDNESDAY - JULY 9, 1969

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

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

CASE 4160: Application of Roger C. Hanks for pool redelineation, Roosevelt County, New Mexico. Applicant, in the abovestyled cause, seeks the redelineation of certain pool boundaries to include the deletion of the NE/4 of Section 29 from the South Prairie-Cisco Pool and the extension of the Middle Allison-Pennsylvanian Pool to include all of Section 29, the SE/4 of Section 30, and the N/2 of Section 32, all in Township 8 South, Range 36 East, Roosevelt

County, New Mexico.

CASE 4161: Application of Roger C. Hanks for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the North Mescalero-Cisco Pool, Lea County, New Mexico, including a provision for 160-acre spacing and proration units and the assignment of 80-acre allowables.

CASE 3786: (Reopened)

In the matter of Case No. 3786 being reopened pursuant to the provisions of Order No. R-3437, which order established special rules and regulations for the North Paduca-Delaware Pool, Lea County, New Mexico, including provisions for the classification of and spacing for oil and gas wells and a special gas-liquid ratio limitation. All interested parties may appear and show cause why the special rules and regulations should not be discontinued.

CASE 4162:

Application of Western States Producing Company for a dual completion and salt water disposal, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete its State 30 Well No. 2 located in Unit M of Section 30, Township 7 South, Range 33 East, Roosevelt County, New Mexico, in such a manner as to permit the production of oil from the Chaveroo-San Andres Pool and the disposal of produced salt water through 8 $5/8 \times 4 \cdot 1/2$ inch casing-casing annulus into the Yates, Seven Rivers, and Queen formations in the open-hole interval from approximately 1825 feet to 3785 feet.

CASE 4163:

Application of Pan American Petroleum Corporation for a non-standard gas promation unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 181-acre non-standard gas promation unit for its Pike Federal Well No. 1 located in Unit A of Section 6, Township 23 South, Range 38 East, Tubb Gas Pool, Lea County, New Mexico, said unit to comprise the N/2 N/2 of said Section 6.

CASE 4164:

Application of Mobil Oil Corporation for an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill its Fristoe Well No. 8 at an unorthodox location 2470 feet from the North line and 430 feet from the East line of Section 3, Township 25 South, Range 37 East, Langlie Mattix Pool, Lea County, New Mexico.

CASE 4165:

Application of Sam Boren for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the East Bagley-Pennsylvanian Pool, Lea County, New Mexico, including a provision for 160-acre spacing and proration units and the assignment of 80-acre allowables.

CASE 4166:

Application of Sam Boren for a dual completion and salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete his Barbera State "A" Well No. 1 located in Unit P of Section 6, Township 12 South, Range 34 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the East Bagley-Pennsyvlanian Pool and the disposal of produced salt water through the intermediate casing-production casing annulus into the San Andres and Glorieta formations in the open-hole interval from approximately 4060 feet to 6562 feet.

CASE 4167:

Application of Charles B. Read for a dual completion and salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dually complete his Hobbs "Y" Well No. 1 located in Unit J of Section 29, Township 12 South, Range 34 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the East Hightower-Pennsylvanian Pool and the disposal of produced salt water through the intermediate casing-production casing annulus into the San Andres, Glorieta, Yeso, and Abo formations in the open-hole interval from approximately 4195 feet to 7720 feet.

page 3

- Application of Charles B. Read for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water CASE 4168: into the Seven Rivers Reef formation in the open-hole interval between 3783 feet and 3797 feet in his Sinclair State Well No. 1 located 2310 feet from the South and West lines of Section 2, Township 21 South, Range 33 East, Lynch Pool, Lea County, New Mexico.
 - Application of Mask, Jennings, Keohane and Westall for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicants, in the above-styled cause, seek CASE 41.69: an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico, after January 1, 1969. Said exception would be for applicants' wells in the E/2 NW/4 and the NE/4 of Section 2, Township 19 South, Range 31 East, Shugart Pool, Eddy County, New Mexico. Applicants seek authority to dispose of salt water produced by said wells in an unlined surface pit located in Unit C of said Section 2.
 - Application of H. C. Hood for pool redelineation, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the redelineation of the High Plains-Pennsylvanian Pool by the deletion of the SW/4 of Section 14 and the SE/4 of Section 15, CASE 4170: Township 14 South, Range 34 East, Lea County, New Mexico.

WESTERN STATES PRODUCING COMPANY

900 BUILDING OF THE SOUTHWEST

MIDLAND, TEXAS 7970

Champlin Oil Company P. O. Box 1797 Midland, Texas 79701

Cayman Corporation Wilco Building Midland, Texas 79701

Taylor Pruitt 828 Commerce Building Fort Worth, Texas 76102

> RE: Western States Producing Company State 30 Well No. 2 Roosevelt County, New Mexico Chaveroo (San Andres) Field

Alle Cone 4162

Gentlemen:

L.N. DUNNAVANT VICE PRESIDENT AND MAHAGER OF OPERATIONS

> Western States Producing Company proposes to dispose of produced water in the annulus of the above subject well. For your review, enclosed is a copy of application form C-108, and letter to the New Mexico Oil Conservation Commission.

If you, as offset operator, have no objection to this application, please execute two copies of this letter; forward one copy to the New Mexico Oil Conservation Commission, Santa Fe, New Mexico and return one copy to our office in Midland. Included for your convenience are pre addressed envelopes.

Yours very truly,

WESTERN STATES PRODUCING COMPANY

W. E. Hendon &

W. E. Hendon, Jr. Production Engineer

APPROVED:

WEH/bb

encl.

NEW MEXICO OIL CONSERVATION COMMISSION

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W. E. Hard	on h	Product	ion_Engine	er		Apr	il 24, 1969	<u> </u>					
(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.

0.7

WESTERN STATES PRODUCING COMPANY

MIDLANE TEXAS 7970

L.N. DUNNAVANT VICE PRESIDENT AND MAIN D

June 12, 1969

Champlin Oil Company P. O. Box 1797 Midland, Texas 79701 Cayman Corporation
Wilco Building
Midland, Texas 79701

Allo Care 4/67

Taylor Pruitt 828 Commerce Building Fort Worth, Texas 76102

> RE: Western States Producing Company State 30 Well No. 2 Roosevelt County, New Mexico Chaveroo (San Andres) Field

Gentlemen:

Western States Producing Company proposes to dispose of produced water in the annulus of the above subject well. For your review, enclosed is a copy of application form C-108, and letter to the New Mexico Oil Conservation Commission.

If you, as offset operator, have no objection to this application, please execute two copies of this letter; forward one copy to the New Mexico Oil Conservation Commission, Santa Fe, New Mexico and return one copy to our office in Midland, Included for your convenience are pre addressed envelopes.

Yours very truly,

WESTERN STATES PRODUCING COMPANY

W. E. Hendon, Jr.
Production Engineer

APPROVED:

COMPANY

BY

June 17, 1969

WEH/bb

encl.

NEW MEXICO OIL CONSERVATION COMMISSION

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

PERATOR			ADDRESS		,		
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W, E. Hendon Production Engineer April 24, 1969
(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 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.

WESTERN STATES PRODUCING COMPANY 900 BUILDING OF THE SOUTHWEST MIDLAND, TEXAS 79701

2 Case 4/62

for hearing June 12, 1969

New Mexico Oil Conservation Commission State Land Office Building Santa Fe, New Mexico 87501

Proposed dual SWD & Western States Producing Company State 30 Well No. 2 Roosevelt County, New Mexico Chaveroo (San Andres) Field

Gen1temen:

L.N. DUNNAVANT VICE PRESIDENT AND MANAGER OF OPERATIONS

> Attached is Western States Producing Company application form C-108 to dispose of produced water in the annulus of the above subject well. The State 30 No. 2 has 7 inch casing set at 1825 feet and cemented to the surface and 4 1/2 inch oil string set at 4480 feet cemented with 150 sacks of cement. The top of cement by cement log is 3785 feet. The injection interval is not known to be productive of oil or gas in this area. The 1825 feet surface pipe should protect any fresh water zones in the area.

An estimated maximum of 180 barrels of produced water will be injected at an approximatel pressure of 200 psig. Western States Producing Company will run annual radioactive and/or temperature survey to determine zone of water entry and to check for leaks.

An electric log was not run above 3676 feet but a type log on our Arco State Well No. 1 is attached. Copies of this application have been sent to offset operators and the State Engineer.

Very truly yours,

WESTERN STATES PRODUCING COMPANY

W. E. Llen W. E. Hendon, Jr. Production Engineer

WEH/bb

DOCKET MALED

47 Reym C-108 rtevised 1-1-65

MEN MEXICO OIL CONSERVATION COMMISSION

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Taylor Pruitt	۰	Ft. Wo	rth, Texa	s			·
** Logs run from 36	<u>76 to 4468.</u>	See log acc	ompied by A	rco Stat	e No. 1	applic	cation.
HAVE COPIES OF THIS APPLICATION BE SENT TO EACH OF THE FOLLOWING?	EN SURFACE OWN	ER	EACH OPERATO	SHO MITHIN ONE	HALF MILE	THE NEW	MEXICO STATE ENGINEER
and to real of the torrounds		Yes	i i i i i i i i i i i i i i i i i i i	Yes	;	; !	Yes
ARE THE FOLLOWING ITEMS ATTACHED THIS APPLICATION (SEE RULE 701-B)	TO PLAT OF AREA		ELECTRICAL L			DIAGRAMI	MATIG SKETCH OF WELL
		Yes		**		ا ا	Yes
I hereby ce	rtify that the inf	ormation above is tr	ue and complete	to the best	of my knowl	edge and	belief.
61 5 Slo 1.	\sim	Daniel C					
(Signature)	p	rroduct	ion Engines (Title)	er		Apr	(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 AULE 701.

Care 4/62

THE WESTERN COMPANY Service Laboratory

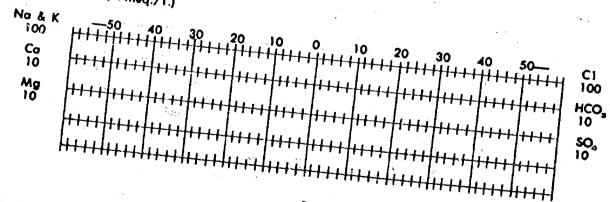
WATER ANALYSIS

Density	1.205 @ 79°F	CHEMICAL DETERMINATIONS	
County	Requevelt, New Mexico	Other Description	
County	4500'	Worked by	Capps
Depth	pan Andres	Submitted by	Hobbs District
Formation	Chaveroo	Date Received	7/22/68
Operator Well Field	Southwestern Natural Gas Pederal 30 #2	Date Sampled	
	J. *	•••	

Density 1.205 @ 79		CHEMICAL	DETERMINATIONS		4
Iron Very Faint			рН6	.1	
Sodium and Potassium	43, 800		Hydrogen Sulfid	e Paint Trace	
Calcium	30, 800	Ppm	Bicarbonate —	537	
Magnesium	19, 440	ppm	Sulfate	420	PPM
Chloride	178, 000	Ppm	Phosphate		PPM
•		ppm · a	Sodium Chloride -	7	PPm PPm
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Remarks:

for Stiff type plot (in meq./1.)

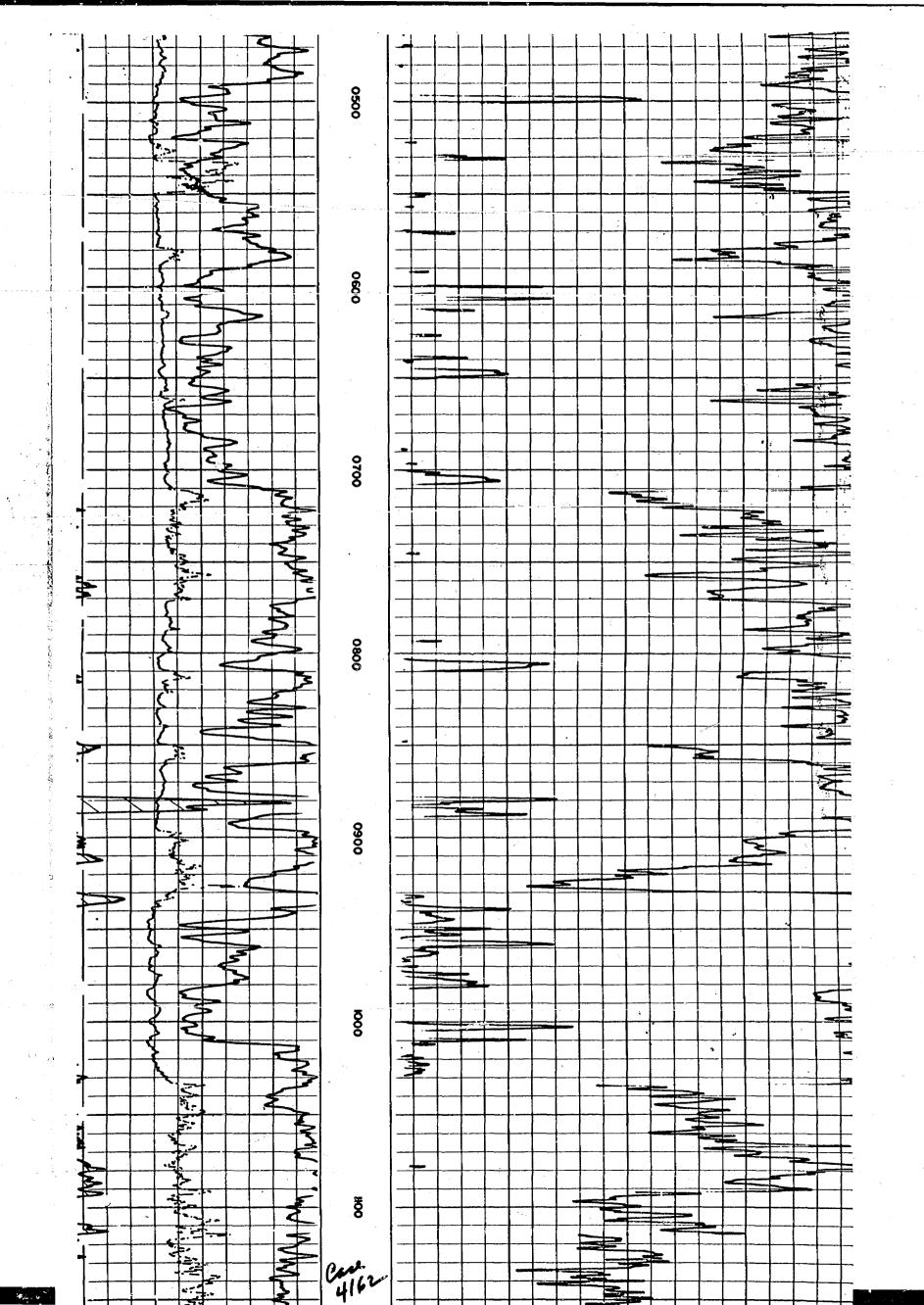


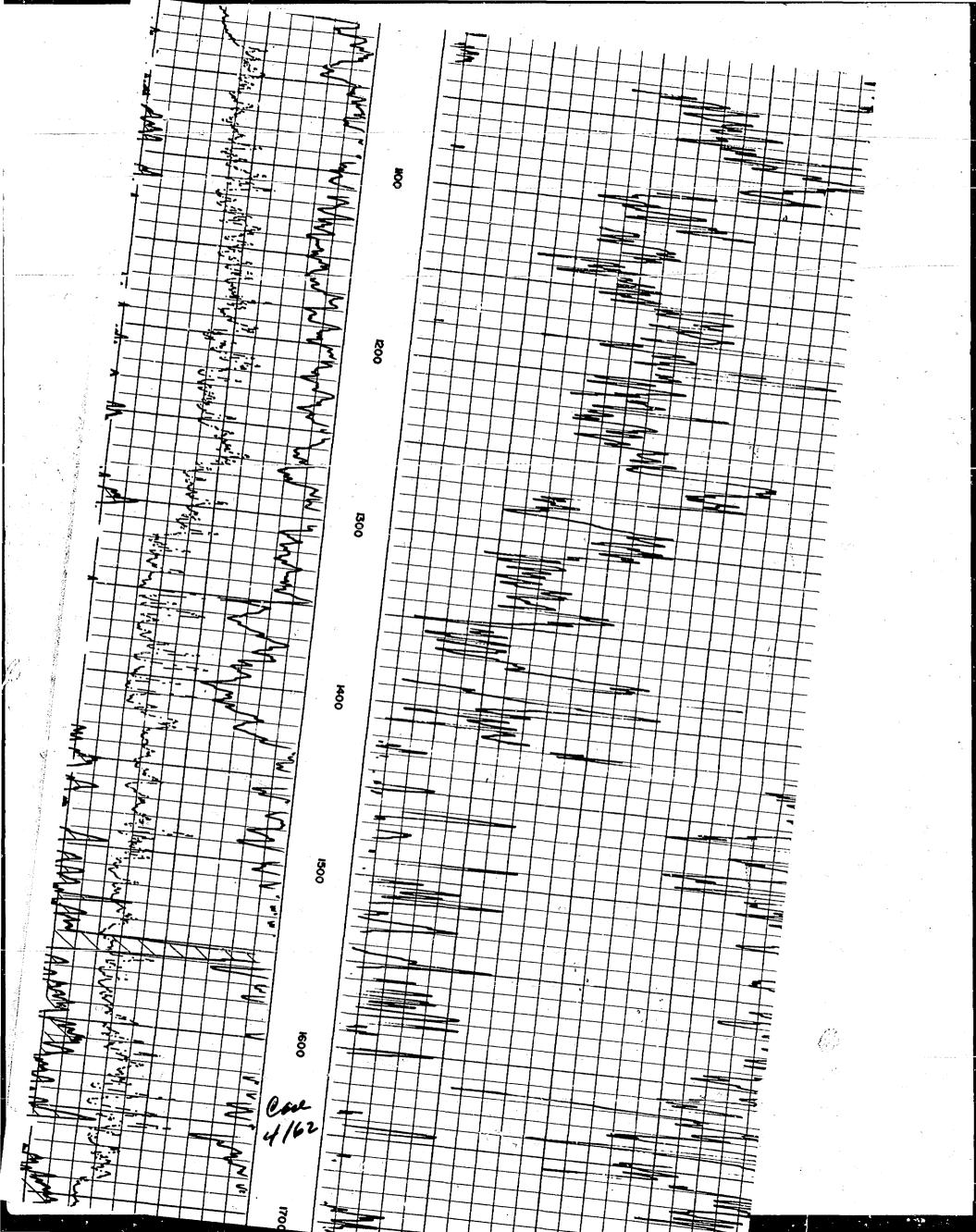
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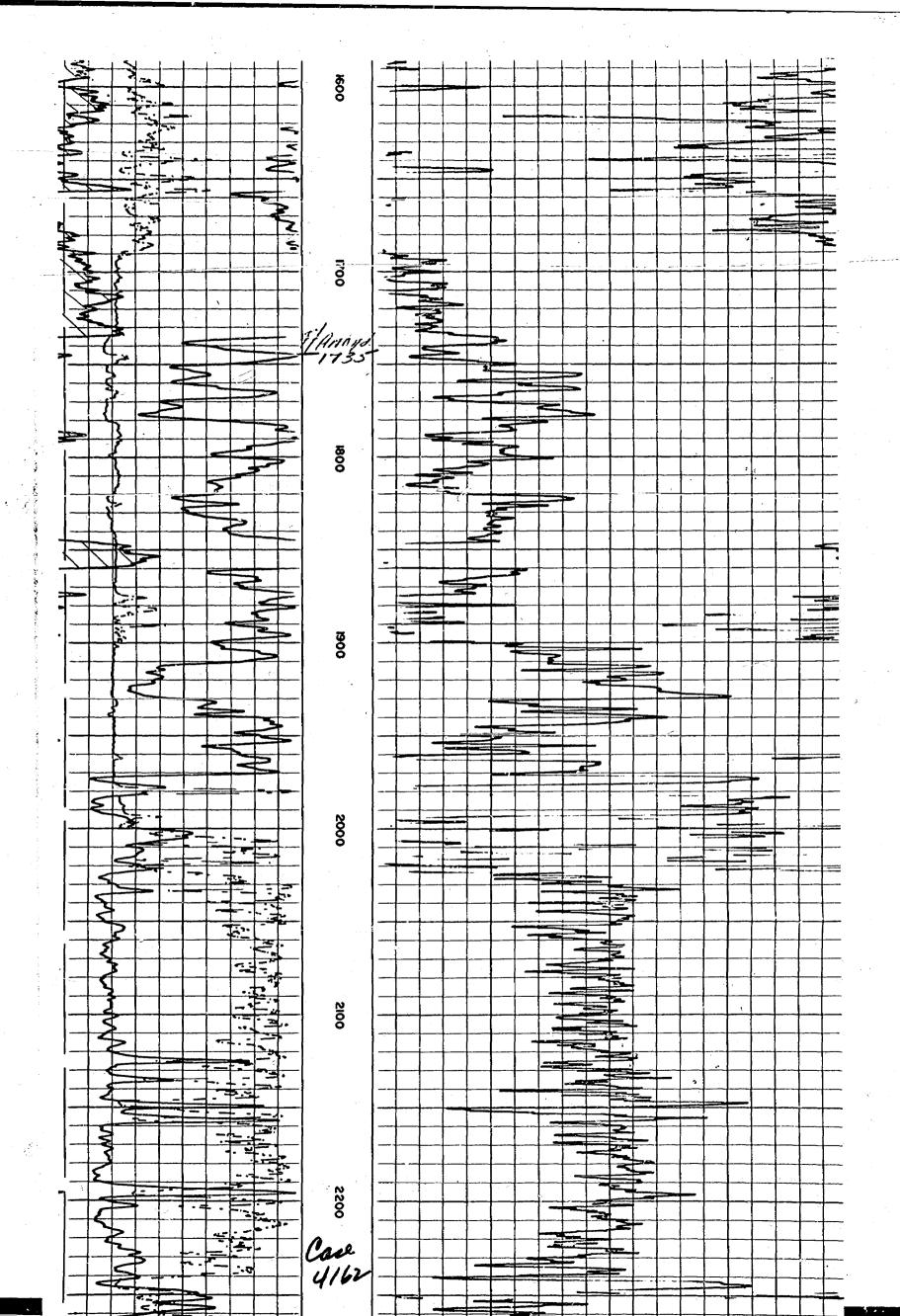
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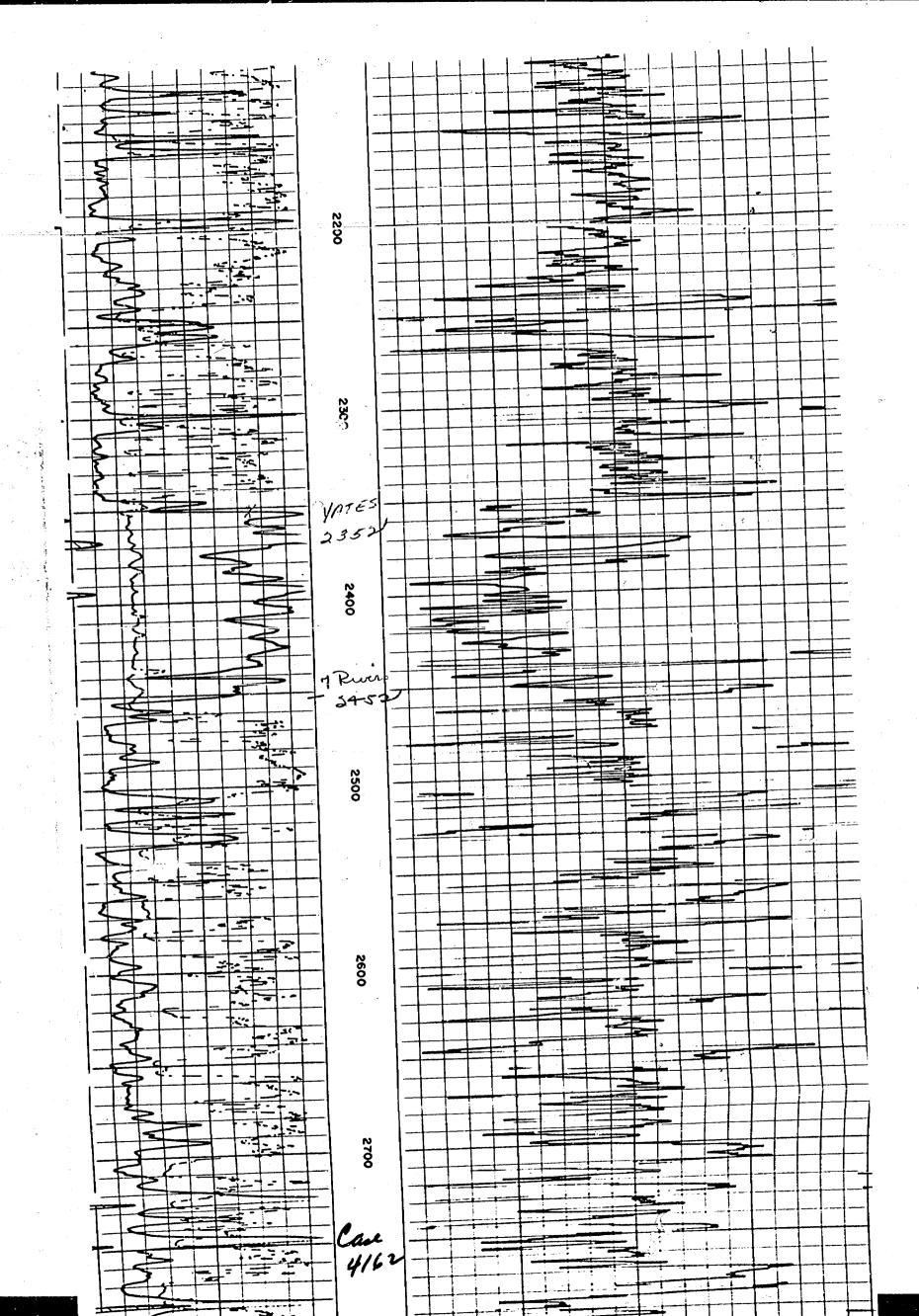
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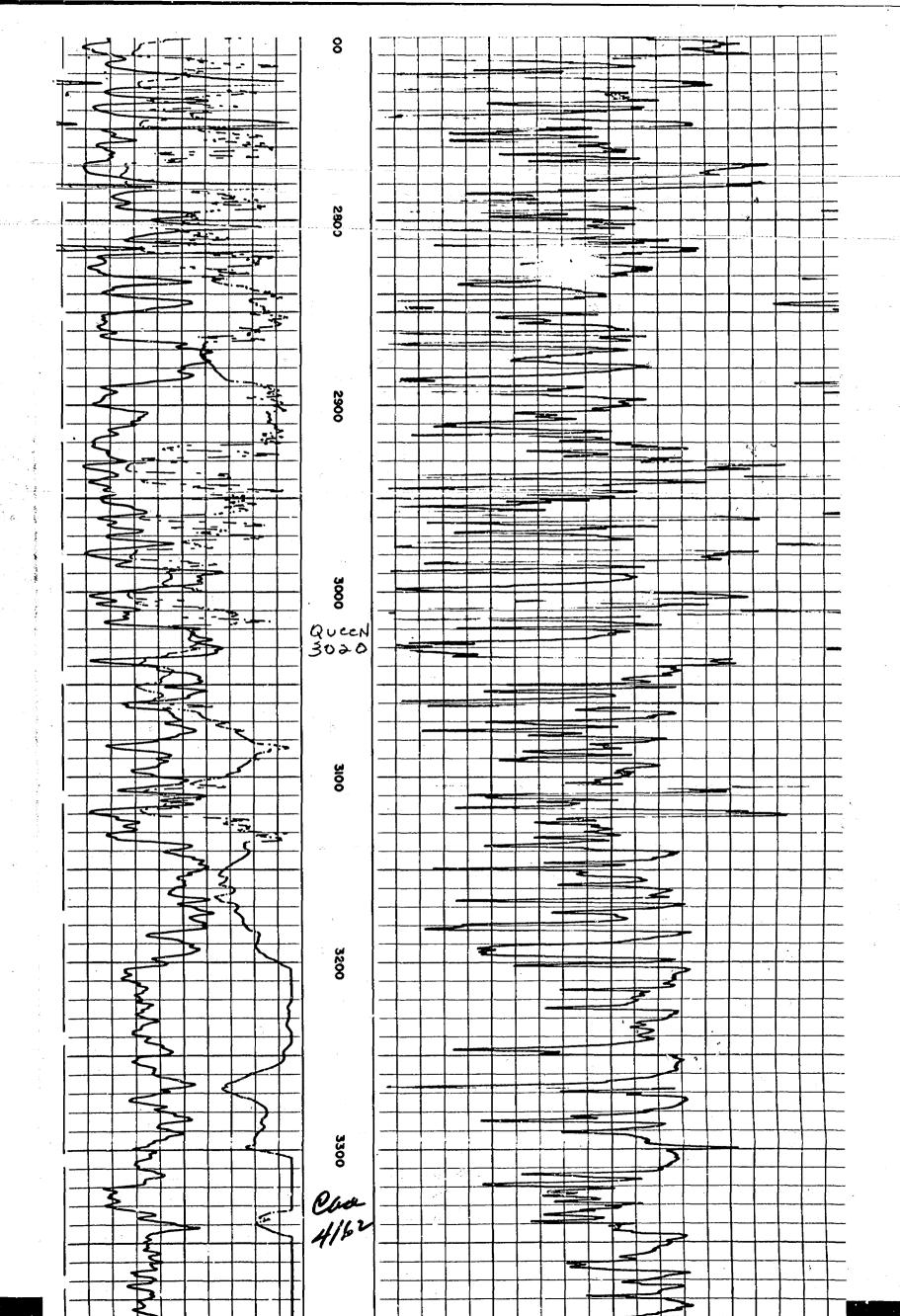
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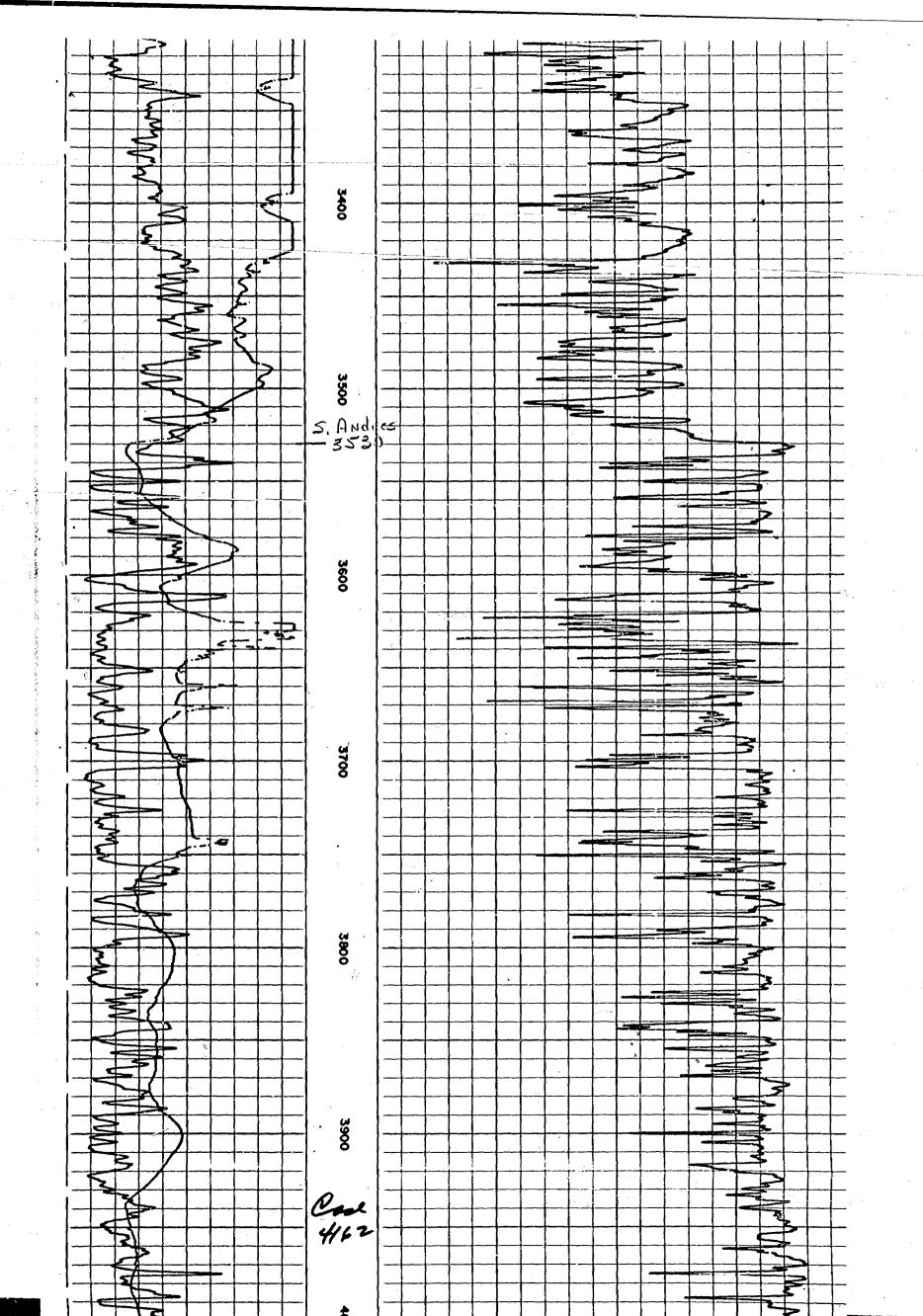


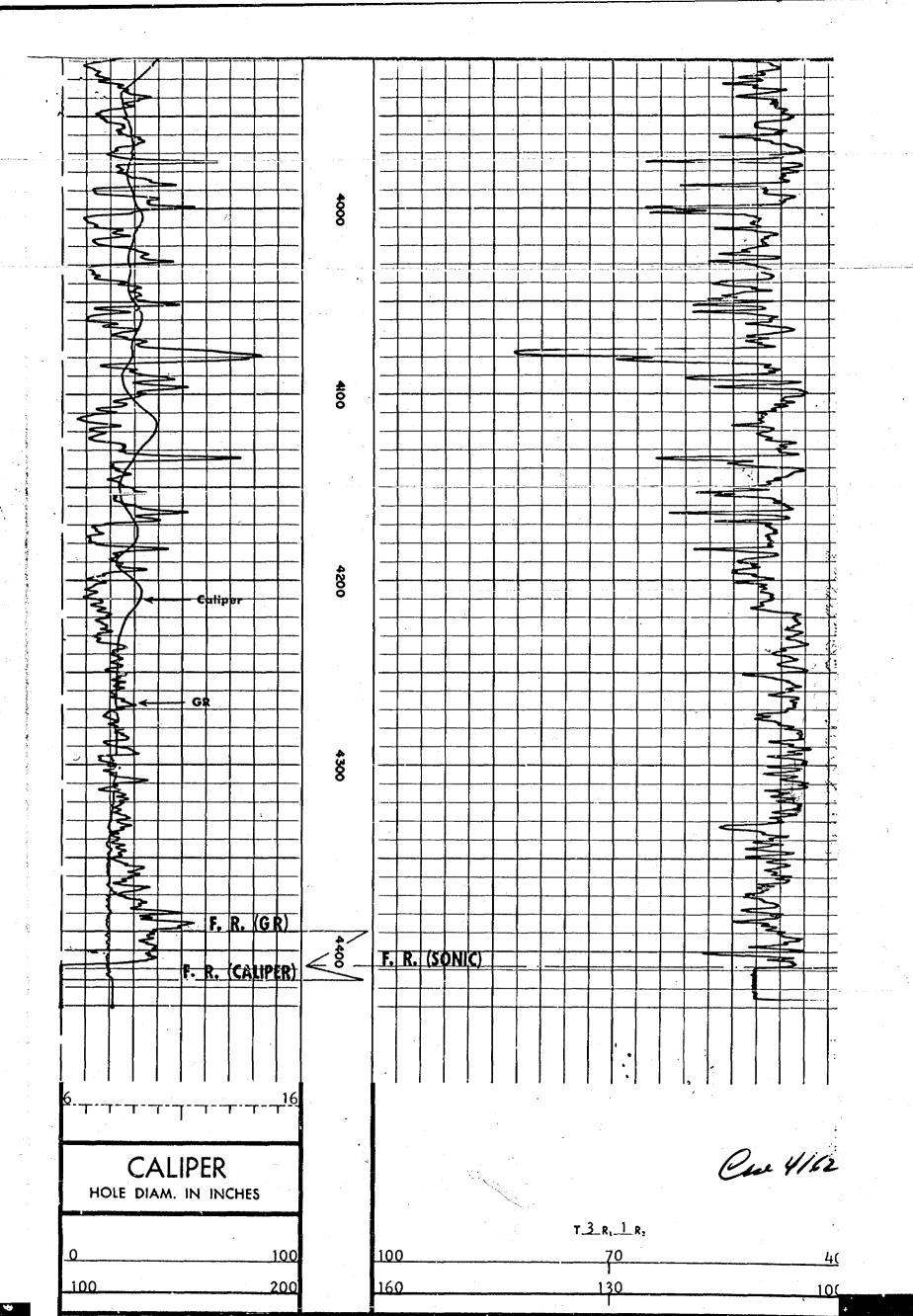












GMH/esr

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:

APPLICATION OF WESTERN STATES PRODUCING

CASE No. 4162

Order No. R-Z

COMPANY FOR A DUAL COMPLETION AND 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 July 9, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

____day of July, 1969, the Commission, a NOW, on this____ quorum being present, 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. 4162 is hereby dismissed.

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