

CASE 4238: Appli. of McCASLAND
DISPOSAL SYSTEM FOR THE AMENDMENT
OF ORDER NO. R-3781, LEA COUNTY.

Case Number
4238

Application

Transcripts

Small Exhibits

ETC.

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SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

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BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
October 22, 1969

EXAMINER HEARING

IN THE MATTER OF:

Application of MacCasland Disposal
System for the amendment of Order
No. F=3781, Lea County, New
Mexico.

CASE NO. 4238

BEFORE: Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING

MR. NUTTER: We'll call Case No. 4238.

MR. HATCH: Case No. 4238. Application of MacCasland Disposal System for the amendment of Order No. R-3781, Lea County, New Mexico.

MR. MacCASLAND: My name is Dallas MacCasland.
I represent MacCasland Disposal System.

(Witness sworn.)

DALLAS MacCASLAND

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. NUTTER:

Q Mr. MacCasland, you are the Applicant in Case Number 4238; is that correct?

A Yes, sir.

Q Now, Commission Order Number R-3781 authorized MacCasland Disposal System to use two wells, the JP Day Number One and the JH Day Number Two, for salt water disposal in the Jalmat Pool, Lea County, New Mexico.

A Yes, sir.

Q Now, today we have this case docketed to amend this order. Now, would you explain, in your own words, just what is the amendment proposed and why?

A Well, at the present, I'm authorized to inject

water. The perforated interval is 3918, 3939. It's 21 feet. That's been in operation approximately three months and it's taken Number Two well at 20,000 barrels of salt water and it seems to be loaded up. It will not take any more. I would request to come up to the top of the Yates and reperforate down through the bottom of the Seven Rivers.

Q Now, you've put in about 20,000 barrels so far?

A Yes, sir.

Q And when you first started putting water into that well, was it taking it on the vacuum or what kind of pressure?

A It was taking it on the vacuum, about a barrel per minute.

Q It started about one barrel per minute on the vacuum?

A Yes, sir.

Q Now, what's happened now?

A It just gradually declined and it takes 2500 pounds now to pump a quarter of a barrel a minute in it. I tried -- I pumped a thousand gallons of acid in it at 2500 pounds at a quarter of a barrel a minute, attempted to flush with 30 barrels of lease water, got about 15 in it, and shut down, and the pressure dropped from 2575 in 30 minutes. I bled it off and it pushed my flush back out,

so it indicated to me it's just loaded and --

Q Now, you've got 21 feet open there at the present time?

A Yes, sir.

Q 3918 to 3939?

A That's correct.

Q And so, you propose to also open the interval from 4533 to 3939?

A Yes, sir.

Q That would be the overall interval?

A Well, I would employ someone that knows to pick the perforations up in the Yates.

Q I see. And, at the present time, all the disposal is into the Seven Rivers formation?

A Yes, sir. This 21 feet, that's the bottom of it.

Q How about the JH Day Well Number One?

A Well, I have the packer stuck in that and I haven't been able to free it yet, so I haven't started --

Q So, you're not using it as an injection well yet?

A No, sir.

Q I see.

MR. NUTTER: Are there any further questions of this witness? He may be excused.

(Witness excused.)

MR. NUTTER: Does anyone have anything they wish to offer in Case 4238? We'll take the case under advisement and call Case 4239.

I N D E X

<u>WITNESS</u>	<u>Page</u>
DALLAS MacCASLAND	
Direct Examination by Mr. Nutter	2

STATE OF NEW MEXICO)
) ss
 COUNTY OF BERNALILLO)

I, DAVID BINGHAM, a Court Reporter in and for the County of Bernalillo, 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.

David Bingham
 COURT REPORTER

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 4238, heard by me on 10/22, 19 69.
[Signature] Examiner
 New Mexico Oil Conservation Commission



OIL CONSERVATION COMMISSION

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

GOVERNOR
DAVID F. CARGO
CHAIRMAN
LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER
STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

October 29, 1969

Mr. Dallas McCasland
Eunice, New Mexico

Re: Case No. 4238
Order No. R-3781-A
Applicant:
McCasland Disposal System

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

Copy of order also sent to:

Hobbs OCC x

Artesia OCC

Aztec OCC

Other Mr. D. E. Gray, 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. 4238
Order No. R-3781-A**

**APPLICATION OF McCASLAND DISPOSAL SYSTEM
FOR THE AMENDMENT OF ORDER NO. R-3781, LEA
COUNTY, NEW MEXICO.**

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 22, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Mutter.

NOW, on this 29th day of October, 1969, 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 by Order No. R-3781, dated July 7, 1969, the applicant, McCasland Disposal System, was granted authority to dispose of produced salt water into the Seven Rivers formation in the open-hole interval from approximately 3756 feet to 3851 feet in its Getty Oil Company J. H. Day Well No. 1 and in the perforated interval from approximately 3918 feet to 3939 feet in its Getty Oil Company J. H. Day Well No. 2, said wells being located, respectively, in Units C and D of Section 6, Township 22 South, Range 36 East, NMPM, Jalmat Pool, Lea County, New Mexico.

(3) That the applicant seeks the amendment of said Order No. R-3781 to permit the disposal of produced salt water in the Yates formation, in addition to the previously authorized Seven

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Order No. R-3781-A

Rivers formation, in its Getty Oil Company J. H. Day Well No. 2, with the overall disposal interval to be from approximately 3543 feet to 3939 feet.

(4) That approval of the subject application will prevent the drilling of unnecessary wells and will otherwise prevent waste and will not violate correlative rights.

IT IS THEREFORE ORDERED:

(1) That Order (1) of Order No. R-3781 is hereby amended to read in its entirety as follows:

"(1) That the applicant, McCasland Disposal System, is hereby authorized to utilize the following-described wells, located in Units C and D, respectively, of Section 6, Township 22 South, Range 36 East, NMPM, Jalmat Pool, Lea County, New Mexico, to dispose of produced salt water as follows:

Getty Oil Company J. H. Day Well No. 1, injection to be into the Seven Rivers formation through 2 3/8-inch tubing installed in a packer set at approximately 3700 feet, with injection into the open-hole interval from approximately 3756 feet to 3851 feet; and

Getty Oil Company J. H. Day Well No. 2, injection to be into the Yates and Seven Rivers formations through 2 3/8-inch tubing installed in a packer set just above the disposal zone, with injection into the perforated interval from approximately 3543 feet to 3939 feet;

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

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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Order No. R-3781-A

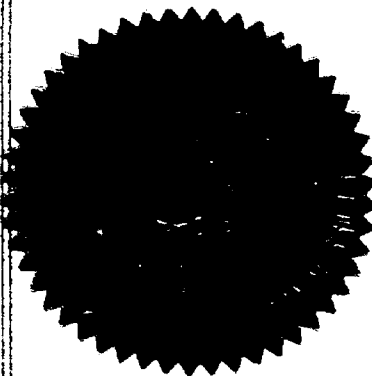
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
CIVIL CONSTRUCTION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMSTRONG, Member

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



esr/

DRAFT

GMH/esr

October 27, 1969

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

(9)

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 4238

Order No. R-3781-A

APPLICATION OF McCASLAND DISPOSAL SYSTEM
FOR THE AMENDMENT OF ORDER NO. R-3781, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 22, 1969,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this _____ day of October, 1969, 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 by Order No. R-3781, dated July 7, 1969, the
applicant, McCasland Disposal System, was granted authority to
dispose of produced salt water into the Seven Rivers formation
in the open-hole interval from approximately 3756 feet to 3851
feet in its Getty Oil Company J. H. Day Well No. 1 and in the
perforated interval from approximately 3918 feet to 3939 feet in
its Getty Oil Company J. H. Day Well No. 2, said wells being
located, respectively, in Units C and D of Section 6, Township
22 South, Range 36 East, NMPM, Jalmat Pool, Lea County, New
Mexico.

(3) That the applicant seeks the amendment of said Order
No. R-3781 to permit the disposal of produced salt water in the

Yates formation, in addition to the previously authorized Seven Rivers formation, in its Getty Oil Company J. H. Day Well No. 2, with the overall disposal interval to be from approximately 3543 feet to 3939 feet.

(4) That approval of the subject application will prevent the drilling of unnecessary wells and will otherwise prevent waste and will not violate correlative rights.

IT IS THEREFORE ORDERED:

(1) That Order (1) of Order No. R-3781 is hereby amended to read in its entirety as follows:

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Getty Oil Company J. H. Day Well No. 2, injection to be into the Yates and Seven Rivers formations through 2 3/8-inch tubing installed in a packer set just above the disposal zone, with injection into the perforated interval from approximately 3543 feet to 3939 feet;

PROVIDED HOWEVER, that the tubing of each of the subject wells shall be plastic-lined; that the casing-tubing annulus of each of the subject wells shall be filled with an inert fluid;

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CASE No. 4238

and that a pressure gauge shall be attached to the annulus of each of the subject wells at the surface in order to determine leakage in the casing, tubing, or packer."

(2) 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.

**CASE 4239: Application of AMINI
OIL CORPORATION FOR COMPULSORY
POOLING, LEA COUNTY, NEW MEXICO.**