



POTASH COMPANY OF AMERICA

MINE AND REFINERY: P. O. BOX 31 • CARLSBAD, NEW MEXICO 88502 • AREA CODE 505 • TU 7-2844

February 1, 1972

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OIL CONSERVATION COMM.
SANTA FE

H. N. CLARK
VICE PRESIDENT OF PRODUCTION

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

Handwritten initials: JH

Attention: Mr. A. L. Porter, Jr.

Re: Casing Program - Amoco Production Co.
Shallow Zone Test - Sec. 26, T. 29 S.,
R. 33 E., Lea County, New Mexico

Gentlemen:

Potash Company of America Division of Ideal Basic
Industries, Inc. will not file an objection in the above case.

Very truly yours,

Handwritten signature of H. N. Clark

H. N. Clark
Vice President

HNC/jm

cc: Amoco Production Company
500 Jefferson Building
Houston, Texas 77001
Attention: Mr. D. L. Ray, Division Engineer



MEMBER: AMERICAN POTASH INSTITUTE

ATWOOD, MALONE, MANN & COOTER
LAWYERS

JEFF D. ATWOOD [1883-1960]

P. O. DRAWER 700
SECURITY NATIONAL BANK BUILDING
ROSWELL, NEW MEXICO 88201
[505] 622-6221

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FEB 10 1972
CHARLES F. MALONE
RUSSELL D. MANN
PAUL A. COOTER
BOB F. TURNER
ROBERT A. JOHNSON
JOHN W. BASSETT
ROBERT E. SABIN
RUFUS E. THOMPSON

February 4, 1972

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

RE: Cases Nos. 4662 and 4663
Examiner Hearing for February 16, 1972

Dear Mr. Porter:

Would you please file the enclosed Entries of Appearance in the captioned cases. The presentation will be handled by Jerry Gross of Amoco Production Company's Houston office.

Appreciating your courtesy, and with our kind regards, I am,

Very truly yours,



Paul Cooter

PC:sah
Encl.
cc: Guy Buell, Esquire



Amoco Production Company

500 Jefferson Building
P.O. Box 3092
Houston, Texas 77001

D. L. Ray
Division Engineer

March 3, 1972

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CONSERVATION COMM-
SANTA FE

File: THM-986.51NM-1088

Re: Case No. 4662
East Gem-Yates Pool
Lea County, New Mexico

Mr. George Hatch, Attorney
New Mexico Oil Conservation Commission
State Land Office Building
Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Hatch:

Hearing in the above numbered Case covered our request for an exception to Rule R-111-A for our Bates Federal No. 2 well in East Gem-Yates Pool, Lea County, New Mexico. You requested certain data from our representatives.

Attached is a schematic sketch showing the approximate depths at which surface and production casing will be set in this well. Included are the theoretical volumes between the casing string and hole, based on bit sizes to be used.

Included with the sketch is a data sheet which shows the volume of cement we anticipate placing behind each casing string. The calculations indicate adequate safety factors to assure proper cementing of the casing. The amount of cement used will be changed, as necessary, when a caliper log is run.

You also requested information regarding possible time the salt section might be exposed in the hole before casing is set. Based on the drilling of Bates Federal No. 1, it appears the entire salt section will be drilled in about 36 hours. Total depth should be reached and production casing set in 3 to 4 days thereafter. You recognize, I am sure, that some of

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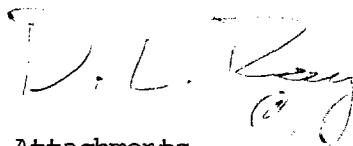
CONSERVATION COMM.
SANTA FE

Mr. George Hatch
March 3, 1972
Page 2

this time would elapse before a salt protection string could be run. The additional exposure time will be quite small.

I trust this furnishes the data you require.

Very truly yours,

D. L. King

Attachments

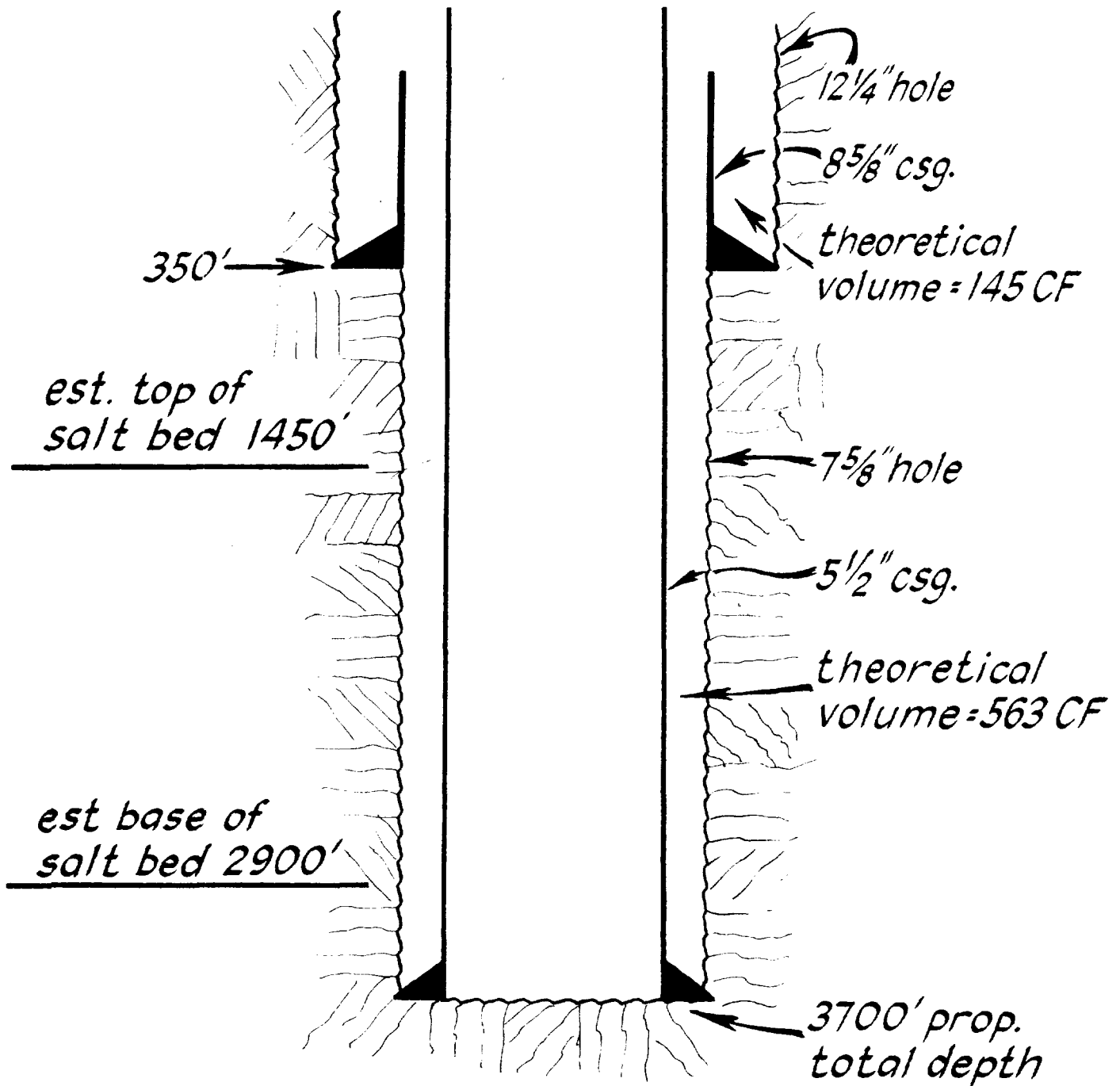
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CONSERVATION COMM.

AMOCO PROD. CO.
Bates Fedr. No.2
EAST GEM-YATES POOL
Lea County, N.M.



CEMENTING PROGRAM

Surface Casing:

200 sacks cement w/2% CaCl = 280 cubic feet
280 cubic feet cement/145 cubic feet hole = 193% of theoretical requirements

Producing Casing:

1300 sacks cement w/4% Gel and 1% CaCl = 2691 cubic feet
2691 cubic feet cement/563 cubic feet hole = 477% of theoretical requirements

Note: Actual amount of cement used behind production pipe will be changed, as necessary, to conform to data obtained from caliper survey.

Depths shown are approximate. Actual depths at which casing is set will be selected to assure a proper casing seat is obtained.



OIL CONSERVATION COMMISSION

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

GOVERNOR
BRUCE KING
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

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

March 15, 1972

Mr. Jerry Gross
Amoco Production Company
Post Office Box 3092
Houston, Texas 77001

Re: Case No. 4662

Order No. R-4272

Applicant:

Amoco Production Company

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 Potash Company of America - Carlsbad, N. Mex.