

CASE 3628: Application of CHARLES
E. SEED for four Ogallala oil
proration units & special rules.

Case Number

3628

Application
Transcripts.

Small Exhibits

ETC.

State of New Mexico
Oil Conservation Commission



P. O. BOX 2088
SANTA FE

August 1, 1967

Mr. Mack Easley
Attorney at Law
Post Office Box 638
210 North Turner
Hobbs, New Mexico 88240

Re: Case No. 3628
Order No. R-3288
Applicant:
CHARLES E. SEED

Dear Sir:

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

Carbon copy of order also sent to:

Hobbs OCC X

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. 3628
Order No. R-3288

APPLICATION OF CHARLES E. SEED
FOR FOUR OGALLALA OIL PRORATION
UNITS AND SPECIAL RULES, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on July 26, 1967,
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 1st day of August, 1967, 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, Charles E. Seed, seeks authority to
develop each of the quarter-quarter sections comprising the SW/4
of Section 30, Township 18 South, Range 38 East, NMPM, Lea County,
New Mexico, for the production of oil from the Ogallala formation
to a maximum density of one well per 0.625-acre tract with no well
being nearer than 82.5 feet to the outer boundary of a 40-acre
unit and no nearer than 165 feet to another oil well producing
from the Ogallala formation, provided that an exception should be
made for existing wells located on the aforesaid tracts which are
not located in conformance with said spacing rules.
- (3) That the applicant also seeks a temporary exception to
Rule 307 of the Commission Rules and Regulations for each well
to be drilled on the aforesaid quarter-quarter sections to the
Ogallala formation in order to permit the utilization of a

-2-

CASE No. 3628
Order No. R-3288

vacuum-type drilling unit during the drilling and completion of said wells.

(4) That the applicant further seeks authority to produce all wells, authorized by this order, on each 40-acre unit at capacity even though the aggregate production from said wells exceeds the 40-acre normal unit allowable.

(5) That the Ogallala formation is the major source of fresh water in the Lea County Underground Water Basin as declared by the State Engineer.

(6) That the oil existing in the Ogallala formation is not the result of a natural accumulation of oil and, therefore, does not constitute an oil pool as commonly understood in the oil and gas business.

(7) That the presence of oil in the Ogallala formation constitutes a hazard to the fresh water supplies therein.

(8) That said oil should be removed from the Ogallala formation, a fresh water aquifer, as quickly and efficiently as possible.

(9) That the utilization as proposed by the applicant of a vacuum-type drilling unit during the drilling and completion of said wells will not damage any stratum containing oil or gas.

(10) That in order to facilitate the removal of oil, an adulterous substance when present in the Ogallala formation, from said aquifer, the applicant should be authorized to develop the aforesaid quarter-quarter sections for the production of oil from the Ogallala formation to the density requested by the applicant, to utilize a vacuum-type drilling unit during drilling and completion of said wells, and to produce said wells at capacity.

(11) That the applicant, Charles E. Seed, is the owner of four "water" wells located in the aforesaid quarter section and drilled under authority granted by the State Engineer.

(12) That said four "water" wells are capable of and are producing oil from the Ogallala formation.

(13) That upon expiration of the water well permits authorizing the aforesaid four "water" wells, said wells should be classified as oil wells.

-3-

CASE No. 3628
Order No. R-3288

IT IS THEREFORE ORDERED:

(1) That the applicant, Charles E. Seed, is hereby authorized to develop each of the quarter-quarter sections comprising the SW/4 of Section 30, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico, to a maximum density of one well per 0.625-acre tract for the purpose of removing oil from the Ogallala formation, a fresh water aquifer;

PROVIDED HOWEVER, that no well shall be drilled nearer than 82.5 feet to the outer boundary of a 40-acre tract and no nearer than 165 feet to another oil well located on said tract.

(2) That the locations of the four "water" wells presently completed in and producing oil from the Ogallala formation are hereby approved as oil wells, effective upon the termination of the water well permits authorizing said wells; that the operator of the four "water" wells shall notify the Hobbs District Office of the Commission in writing of the name and location of said four wells upon expiration of the water well permits and shall also file with said office Forms C-101 and C-102 in accordance with Rules 1101 and 1102 of the Commission Rules and Regulations.

(3) That the applicant is hereby authorized, as an exception to Rule 307 of the Commission Rules and Regulations, to utilize a vacuum-type drilling unit during the drilling and completion of each of the oil wells authorized by Order No. (1) of this order.

(4) That the applicant is hereby authorized to produce each of the wells authorized by this order at maximum capacity until further order of the Commission.

(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

Docket No. 22-67

DOCKET: EXAMINER HEARING - WEDNESDAY - JULY 26, 1967

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 3620: Application of Pubco Petroleum Corporation for an unorthodox location and a dual completion, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of the dual completion (conventional) of its Federal Well No. 16 to produce gas from the Blanco-Mesaverde and Basin-Dakota Pools at an unorthodox location for said pools 330 feet from the South line and 990 feet from the West line of Section 9, Township 27 North, Range 8 West, San Juan County, New Mexico.
- CASE 3621: Application of Mobil Oil Corporation for an amendment to Commission Rule 1103 A. Applicant, in the above-styled cause, seeks the amendment to Rule 1103 A to eliminate the requirement for filing Form C-103 as a notice of intention to acidize, fracture, or clean out previously completed wells.
- CASE 3622: Application of Ryder Scott Management Company for a waterflood buffer zone, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the designation of the N/2 NE/4, SW/4 NE/4 of Section 20, Township 18 South, Range 28 East, Eddy County, New Mexico, as a waterflood buffer zone in the Artesia Pool offsetting its waterflood project in Section 21 and Cima Capitan's waterflood project in Section 17 of the same township.
- CASE 3623: 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 Devonian formation in the interval from 11,610 feet to 11,800 feet in the Amerada Petroleum Corporation State "BTC" Well No. 2, located in Unit B of Section 35, Township 11 South, Range 33 East, Bagley Field, Lea County, New Mexico.
- CASE 3624: Application of Texas Pacific Oil Company to amend Order No. R-69-D, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the amendment to the Bagley Siluro-Devonian Pool Rules promulgated by Order No. R-69-D to

CASE 3624 continued

permit the completion of more than one well on an 80-acre proration unit in said pool, the second well on a unit being located within 150 feet of the center of the NE/4 or the SW/4 of the quarter section, with the 80-acre allowable being produced from either well in any proportion.

CASE 3625:

Application of Gulf Oil Corporation for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its C. E. LaMunyon Well No. 11 located in Unit C of Section 27, Township 23 South, Range 37 East, Lea County, New Mexico, to produce oil from the Teague McKee and Teague Ellenburger Pools through parallel strings of tubing.

CASE 3626:

Application of Gulf Oil Corporation for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its R. E. Cole (NCT-A) Well No. 8 located in Unit K of Section 16, Township 22 South, Range 37 East, Lea County, New Mexico, to produce oil from undesignated Silurian and Montoya oil pools through parallel strings of tubing.

CASE 3627:

Application of Gulf Oil Corporation for an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill its R. E. Cole (NCT-A) Well No. 9 at an unorthodox oil well location 1075 feet from the South line and 2395 feet from the West line of Section 16, Township 22 South, Range 37 East, Lea County, New Mexico, said well being projected to undesignated Silurian and Montoya Oil Pools.

CASE 3628:

Application of Charles E. Seed for four Ogallala oil proration units and special rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of the SW/4 of Section 30, Township 18 South, Range 38 East, Lea County, New Mexico, as four oil proration units for the production of oil from the Ogallala formation. Applicant also seeks the establishment of special rules governing said 40-acre tracts including a maximum density of one well per 0.625-acre with a provision that wells should be drilled no nearer than 82.5 feet to the outer boundary of a 40-acre unit and no nearer than 165 feet to another well producing from the same formation, provided that an exception should be made for existing

CASE 3628 continued

wells which are not located in conformance with said spacing rules. Applicant also seeks a temporary exception to Rule 307 for each well to permit utilization of a vacuum-type drilling unit during the drilling and completion operations. Applicant also seeks authority to produce the wells at capacity even though the aggregate production from wells on a 40-acre tract exceeds the 40-acre normal unit allowable.

CASE 3629:

Application of Southern Minerals Corporation for salt water disposal and a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its State "D" Well No. 1 located in Unit E of Section 8, Township 11 South, Range 34 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Inbe-Pennsylvanian Pool and the disposal of produced salt water through the intermediate casing-production casing annulus into the Glorieta and other formations in the open hole interval from 4045 feet to 7168 feet.

Case 3628

Heard 7-26-67

Rec. 7-26-67

Grant Chas. Seed. permission.
To drill .625 Ac. spacing to the
Ogallala aquifer in SW/430
185-38 E.

Use ~~same~~ or best that used in
the recent Colorado order.

Classify water wells as art wells
after the 5 water well permit expires.

Trust R

JERRY N. WILLIAMS
ASSOCIATE

MACK EASLEY
LAWYER
210 NORTH TURNER - P. O. BOX 638
HOBBS, NEW MEXICO 88240

TELEPHONE
393-4155

July 3, 1967

MAIN OFFICE 000

'67 JUL 6 AM 10 42

Case 3628

Mr. A. L. Porter
Oil Conservation Commission
State Capitol
Santa Fe, New Mexico

Dear Mr. Porter:

Enclosed please find an Application, filed on behalf
of Charles E. Seed.

I talked with Utz about this matter a few days back,
and will be in touch with your office sometime Wednesday of
this week.

Sincerely,

Mack Easley
MACK EASLEY

ME/ab

Enc.

DOCKET MAILED

Date 7-14-67

'67 JUL 6 AM 10 12

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

Application of

CHARLES E. SEED

Case No. 3628

for an Ogallala Oil
Proration Unit, Special
Rules for the Unit and
Authority for Fresh Water
Disposal, Lea County,
New Mexico.

APPLICATION

COMES NOW the applicant, Charles E. Seed, by and through his attorney, Mack Easley, Hobbs, New Mexico, and states:

I.

Applicant is the owner and operator of the rights to recover oil from the Ogallala Formation under the following described land in Lea County, New Mexico:

The Southwest quarter (SW/4) of Section 30, Township 18 South, Range 38 East, N.M.P.M., Lea County, New Mexico.

II.

Applicant requests the Commission's authority to develop the above acreage for the production of oil from the Ogallala Formation to a maximum density of one well per 0.625-acre tract with no well being nearer than 82.5 feet to the outer boundary of the unit and no nearer than 165 feet to another oil well producing from the Ogallala Formation, provided that an exception should be made for existing wells located on the described tract which are not located in conformance with the spacing rules.

III.

Applicant requests a temporary exception to Rule 307 of the Commission Rules and Regulations for each well to be drilled on the

described land to permit the use of a vacuum-type drilling unit during the drilling and completion of the wells.

IV.

Applicant requests authority to produce the wells drilled on the described acreage at capacity, although the total production from the wells exceeds the forty-acre normal unit allowable.

V.

Applicant is the owner of a "water" well being drilled on the above acreage under authority granted by the State Engineer, and has permits to drill four (4) additional "water" wells. In the event that oil is discovered in the "water" well now being drilled or in any of the subsequent wells drilled, the Commission should authorize the classification of these wells as oil wells upon the expiration of the water well permits.

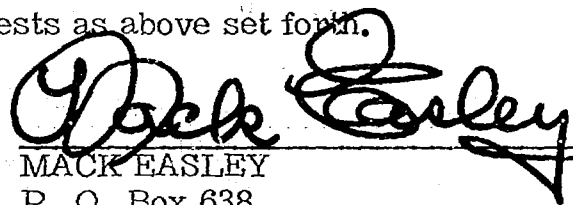
VI.

Applicant requests authority to dispose of any fresh water produced with the oil in surface pits.

VII.

A plat showing the location of all wells on lands off-setting the described acreage, the formation from which the wells are producing or have produced and indicating lessees within the off-setting area is not attached hereto but will be forwarded to be attached hereto and made a part hereof as Exhibit "A".

WHEREFORE, Applicant prays that the Oil Conservation Commission issue its order approving the requests as above set forth.



MACK EASLEY
P. O. Box 638
Hobbs, New Mexico

Attorney for Applicant

dearnley-meier reporting service, inc.

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

1120 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-6491 • ALBUQUERQUE, NEW MEXICO



BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
July 26, 1967

EXAMINER HEARING

IN THE MATTER OF:

Application of Charles E. Seed
for four Ogallala oil proration
units and special rules, Lea
County, New Mexico.

Case No. 3628

BEFORE:

Elvis A. Utz, Examiner

TRANSCRIPT OF HEARING

MR. UTZ: Case 3628.

MR. HATCH: Case 3628, application of Charles E. Seed for four Ogallala oil proration units and special rules, Lea County, New Mexico.

MR. EASLEY: Mack Easley, Box 638, Hobbs, New Mexico appearing for the Applicant. I have one witness, Charles E. Seed.

(Witness sworn.)

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

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

DIRECT EXAMINATION

BY MR. EASLEY:

Q State your name and address, please?

A Charles E. Seed, Hobbs, New Mexico.

Q What business are you engaged in?

A Self occupation, self employed.

Q Mr. Seed, you have made an application here seeking to drill some wells in the southwest quarter of Section 30, Township 18 South, Range 38 East, Lea County, New Mexico. Do you hold a farmout agreement with Marathon on that acreage?

A Yes, sir.

dearnley-meier reporting services, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS
1120 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87101
1400 FIRST NATIONAL BANK EAST • PHONE 256-1294 • ALBUQUERQUE, NEW MEXICO 87108

Q And are you the owner and operator of the working interest in the minerals under the quarter of a section?

A Yes, sir.

Q What is it you are attempting to have the Commission approve here?

A We are trying to remove oil from fresh water, pollution problem.

Q And you have requested here that these wells be spaced on .625 acre tracts, with the wells being 165 feet from each other, and each one of them, or the boundary wells being 82 feet from the boundary of the tract, is that correct?

A Yes, sir.

Q Now, to what depths are you drilling these wells?

A They will go to the Ogallala formation, which is around fifty feet.

Q Do you have permits at this time to drill some wells?

A Water permits.

Q Water permits?

A Right.

Q And how many of those permits do you have?

A Five.

(Whereupon, Applicant's Exhibits A and B were marked for identification.)

Q I am going to just, for purposes of identifying the property, I have had these exhibits marked. Exhibit A, which is the smaller map, does that exhibit show the area in question --

A Yes, sir.

Q -- that you have the operating rights on, or working interest in?

A Yes, sir.

Q And that is the southwest quarter of Section 30, Township 18 South, Range 38 East, that is in the darker color?

A Yes, sir.

Q Now, what does this particular map show here?

A It locates your deeper wells.

Q Now, does this show any of the Ogallala formation wells, Ogallala sand?

A It shows them in the section, the complete Section 30. It doesn't show them in this quarter.

Q I see. Is it your testimony that some of these wells here, that are indicated, are the Ogallala wells, to your knowledge?

A Yes, sir.

Q Let's turn to Exhibit B and ask if this particular map purports to show the greater number of Ogallala wells?

A Yes, sir.

Q Now, where is the acreage that you have under contract?

A It is in the lower section; it is in the southwest quarter.

Q The lower left hand part of the map?

A Yes, sir.

Q On which there are only two wells indicated?

A Yes, sir.

Q Now, those two oil wells, are they deeper wells?

A To my knowledge, I don't know.

Q Well, the map indicates there at the bottom, does it not, that they are San Andres wells and Bowers wells?

A Yes, sir.

Q How are the Ogallala oil wells indicated there?

A They are indicated by a triangle with a blacked out circle in the center.

Q In the center of them?

A In the center of them.

Q Now, what about the water wells that are producing fresh water, how are they indicated?

A They have a triangle with a circle, a plain circle in the center.

Q Where are the wells which you have proposed to produce oil from, in relationship to the wells that are presently indicated on this map?

A They start at the center of the quarter section and run 82.5 south and 82.5 west, and start a line at that point, 165 feet apart.

Q Now, have you drilled down to the water bearing formation there?

A Yes, sir.

Q In how many wells?

A Four.

Q You haven't produced any of those wells as yet?

A No, sir.

Q And do you have the location staked for the fifth well?

A Yes, sir.

Q Was there any oil indicated in those four that you have drilled?

A Yes, sir.

Q Now, you have also asked here, in addition to the spacing of these wells on the four proration units, you have asked that there be an exception made by the Commission for these wells with regard to Rule 307, which prohibits the

dearnley-meier reporting service, inc.

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

1120 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87101
1400 FIRST NATIONAL BANK EAST • PHONE 256-1294 • ALBUQUERQUE, NEW MEXICO 87108

utilization of a vacuum type drilling unit. Now, have you, up to this point, used a vacuum type unit?

A No, sir.

Q Do you think that you would like to have this included in the order so that you may use a vacuum type unit at sometime on other wells that are drilled?

A Yes, sir, I sure would.

Q Now, you have also asked to produce the wells at capacity, even though the aggregate production from wells on a forty acre tract may exceed the forty acre normal unit allowable, is that correct?

A Yes, sir.

MR. EASLEY: If the Examiner please, I believe that is the extent of our case at this time. I would like to move for introduction of the exhibits.

MR. UTZ: A and B?

MR. EASLEY: Yes, sir, Exhibits A and B.

MR. UTZ: Without objection, Exhibits A and B will be entered into the record of this case.

(Whereupon, Applicant's Exhibits A and B were admitted in evidence.)

CROSS EXAMINATION

BY MR. UTZ:

Q Mr. Seed, it is the southwest quarter of 30 that is

shown on Exhibit B, is it not?

A Yes, sir.

Q The two Ogallala water wells that are shown in the southwest quarter, are they producing water at the present time?

A I believe that this one well here is a Marathon well and I don't know whether they are using that water or what they are doing with it. They do have a pump over it and I assume they are producing fresh water.

Q You don't know whether they have any oil problems in those water wells or not, do you?

A I don't believe they do. The cased it and went to the bottom of the water.

MR. EASLEY: Off the record.

(Whereupon, an off-the-record discussion was held.)

Q (By Mr. Utz) And that is as far to the south or southwest that the Ogallala has been tested in this quarter section?

A Yes, sir.

Q You intend to start up in the far northeast corner of that quarter section?

A Yes, sir.

dearnley-meier reporting

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS
1120 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87101
1400 FIRST NATIONAL BANK EAST • PHONE 256-1294 • ALBUQUERQUE, NEW MEXICO 87108

Q How do you propose to complete your wells?

A We will use a water well type unit, cable tool type drilling and complete them in that method, and put about a ten foot joint of seven inch pipe in there for the pipe and leave the rest of the hole open; and use a submergible type pump to produce the oil from there.

Q You don't intend to cement the casing, do you?

A We are putting a four foot slab at the surface, four inches thick. This is required by the State Engineer, Water Department Engineer.

Q But the bottom part of the casing will be landed?

A Yes, sir.

Q Do you intend to perforate the water zone any at all, or just a small amount?

A Small amount. Just as small amount as possible, so that we can operate a pump efficiently.

Q And what do you intend to do with your produced water?

A We will bleed it back into an open pit and have this pit fenced where that it can't be used for anything else.

Q And how are you going to process the oil and water, are you going to run it through a separator, tankage and so forth?

dearnley-meier reporting service

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

1120 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87101
1400 FIRST NATIONAL BANK EAST • PHONE 256-1294 • ALBUQUERQUE, NEW MEXICO 87108

A We will put it into a tank and the water, the fresh water will separate from the oil, and we will bleed the water off, into the open pit.

Q You are going to use a storage tank as a separator, then, and let it separate by gravity?

A Yes, sir.

Q It is not your intention to run any oil, or very little as possible into the open pits?

A That's right.

MR. UTZ: Are there any other questions?

CROSS EXAMINATION

BY MR. PORTER:

Q Mr. Seed, I understood you to say you have some permits for water wells?

A Yes, sir.

Q Now, you don't intend to drill these as water wells. I assume that you would drill them as oil wells, since you are coming before the Commission to get approval of this. The thing is, we do have some wells down there classified as water wells, Mr. Walton's and we have others classified as oil wells.

A In these remarks on this permit, these water wells, this well is to be used for recovery of oil from the fresh water surface.

Q That is on the State Engineer's permit that he --

A Yes, sir.

MR. PORTER: Off the record.

(Whereupon an off-the-record discussion was held.)

MR. UTZ: Back on the record. Are there any other questions of the witness? The witness may be excused.

(Witness excused.)

MR. UTZ: Any statements?

MR. EASLEY: I have nothing more.

MR. UTZ: The case will be taken under advisement.

STATE OF NEW MEXICO)

COUNTY OF BERNALILLO)

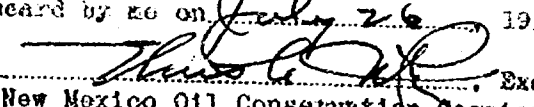
I, JERRY M. POTTS, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission Examiner at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 4th day of August, 1967


Notary Public and Court Reporter

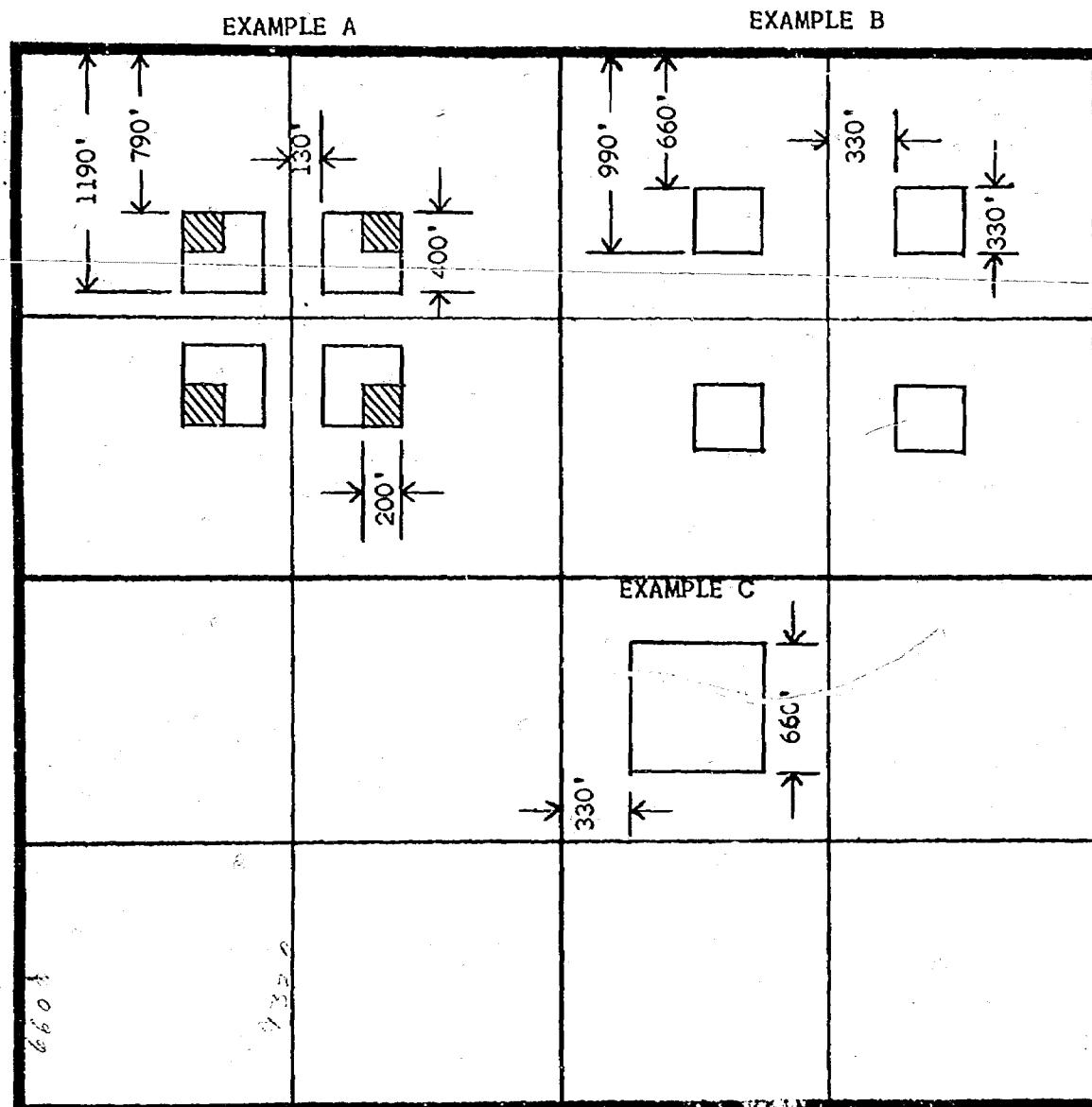
My Commission Expires:

7-10-70

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 3628, heard by me on July 26, 1967.

Examiner
New Mexico Oil Conservation Commission

STANDARD OIL AND GAS WELL LOCATIONS IN NEW MEXICO ACCORDING TO RULE 104
OF THE GENERAL RULES AND REGULATIONS

Sec. _____ Township No. _____ of Range No. _____



EXAMPLE A - Shows Standard Gas Well location in San Juan, Rio Arriba and Sandoval Counties. 200' crosshatched square shows portion of 400' square which is a standard location for oil or gas wells. These locations may be used in any quarter section.

EXAMPLE B - Shows standard gas well location for the State, except San Juan, Rio Arriba and Sandoval Counties. These locations may be used in any quarter section.

EXAMPLE C - Shows Standard Oil Well location for the State. This location may be used for a wildcat oil or gas well except in San Juan, Rio Arriba and Sandoval Counties. This location may be used in any quarter quarter section.

11/19/56

acc. 30 - 185 - 38A

1040.

$\frac{330 - 135}{2} = 52.5$

660

165 52.5)

0	0	0	0
0	0	0	0