

Case Number

4550

Application

Transcripts

Small Exhibits

ETC.

dearnley-meier reporting service, inc.

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

209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
June 16, 1971

EXAMINER HEARING

IN THE MATTER OF:)

Application of Roger C. Hanks)
for salt water disposal, Eddy)
County, New Mexico.)

Case No. 4550

BEFORE DANIEL S. NUTTER, EXAMINER

TRANSCRIPT OF HEARING

1 MR. NUTTER: Call Case Number 4550.

2 MR. HATCH: Case 4550. Application of Roger C. Hanks
3 for salt water disposal, Eddy County, New Mexico.

4 MR. CHRISTY: Sam Christy, Jennings Christy & Copple,
5 Roswell, New Mexico, for the applicant, Roger C. Hanks. We
6 have one witness, Mr. Examiner.

7 Would you stand and be sworn, please?

8 (Witness sworn)

9 WALTER R. BAIRD

10 having been first duly sworn, testified upon his oath as
11 follows:

12 DIRECT EXAMINATION

13 BY MR. CHRISTY:

14 Q Would you please state your name, address, and by whom
15 you are employed and in what capacity?

16 A Walter R. Baird, Midland, Texas. I am employed in the
17 capacity of a geologist by Roger C. Hanks.

18 Q Have you previously had your qualifications accepted as
19 a petroleum geologist for this regulatory body?

20 A Yes, sir.

21 Q The case involved in this application is in township
22 twenty south, range twenty-five east, Eddy County, New
23 Mexico. Are you generally familiar with the wells and
24 the petroleum geology in that area?

25 A I am.

dearnley-meier reporting services

1 MR. CHRISTY: Any further questions concerning the
2 qualifications of the witness?

3 MR. NUTTER: No.

4 Q (Mr. Christy continuing) Now, Mr. Baird, will you briefly
5 tell me what is sought in Case Number 4550?

6 A If I heard the number correctly, in this case, we wish
7 to have permission granted to dispose salt water in a
8 particular well.

9 Q And would you tell me where that well is located, please,
10 sir?

11 A Yes, sir. That well is located in the northwest forty
12 acre tract of section five.

13 Q Twenty south twenty-five east?

14 A Twenty south twenty-five east, twenty south, 205.

15 Q Was that known as the Manzano Federal Well?

16 A It was at the time Manzano, yes, sir.

17 Q Very briefly, was that well drilled to the Cisco Canyon
18 and dry at that point?

19 A It was plugged and abandoned as a Cisco Canyon attempt.

20 Q And did your employer, Mr. Hanks, then take over the
21 well and deepen it?

22 A He purchased it at that point and deepened it to the
23 Devonian.

24 Q To the Devonian?

25 A Yes.

1 Q I see. Now, let's go to the exhibit. Let me refer you
2 to Exhibit 1, which I believe, is a plat map, and ask
3 you if it shows the location of the wells within two
4 miles from the subject well and the lessees.

5 A Yes. It does.

6 Q And your Manzano Federal injection well is circled in
7 yellow?

8 A That's true.

9 Q Exhibit Number 2, which you offer here, is the log of
10 that well; is that correct?

11 A That's correct. It is actually, I believe, the Exhibit
12 Number 2, it is two logs; that's correct.

13 Q Yes, sir. I was going to ask you about that.

14 MR. NUTTER: Two wells?

15 Q (Mr. Christy continuing) Exhibit 2A now is the log that
16 was originally run to the Cisco Canyon, and Exhibit 2B is
17 the log run on down by Mr. Hanks to the Devonian?

18 A Right.

19 Q Is that correct?

20 A Run by different operators.

21 Q Run by different operators?

22 A Yes.

23 Q All right. Now, I would like to take up Exhibit 3, sir,
24 and I notice it is a three-page document.

25 Would you initially turn to the third page of it

dearnley-meier reporting services

1 and let me ask you does it show the casing strings of
2 both the diameters and the depth, and if so, would you
3 give us that information for the record?

4 A Yes. The diagramatic sketch shows in the first part the
5 thirteen and three-eighths inch surface casing set at
6 450 feet with 330 sacks of that that was circulated, which
7 was set before the original operator. The second shows
8 the nine and five-eighths intermediate casing which was
9 set at 1301 with 400 sacks circulated, also set by the
10 original operator.

11 It goes on to show, then, after the deepening by
12 Mr. Hanks, the five and a half inch production-type casing
13 set at 10,524 feet with 200 sacks of cement.

14 Q Now, would you give us the information with respect to
15 the perforated and open-holed intervals, please?

16 A The casing is set at five and a half. Casing is set at a
17 total depth of 10,524 feet, which was the total depth
18 drilled by Mr. Hanks. It is then perforated from the
19 intervals 10,220 to 270, 10,320 to 370, 10,388 to 438, and
20 10,455 to 10,504 feet.

21 Q Now, let me refer you back to page one of Exhibit 3 and
22 ask you if the exhibit indicates a Packer model single
23 grip at about 10,000 feet that you propose to put in?

24 A Yes, it does. It shows a Packer, a Baker model did, I
25 believe, Packer model single grip. That Packer is set at

1 10,000 feet.

2 Q Is it already set?

3 A It is set.

4 Q All right, sir. Now, let me ask you with respect to the
5 injection of water. First of all, as I understand, you
6 proposed to inject this water into the Devonian formation?

7 A That's correct.

8 Q Now, referring you to page two of Exhibit 3, does that
9 accurately depict the quality of the water to be injected
10 of the water that was encountered in the Devonian? I
11 beg your pardon.

12 A Yes, sir. That is an analysis, a laboratory analysis of
13 the water recovered from the Devonian in the well in
14 question.

15 Q Now, I would like to ask you a little bit about where you
16 are expected to obtain the water from that you propose
17 to inject.

18 A At the present time the necessity of this injection well
19 was brought on by the drilling and subsequent completion
20 of Roger Hanks Number 1 Dagger Draw which is located
21 approximately two miles north in section thirty.

22 Q And do you propose to inject nonpotable water from this
23 Dagger Draw Number 1 into this subject well?

24 A Right. From this well. That's right.

25 MR. NUTTER: Mr. Baird, is that the one that is shown

dearnley-meier reporting services

1 as the location in the northwest northwest of section thirty?

2 MR. CHRISTY: No, sir. I do not believe it is. I
3 believe that the map goes off at that point.

4 THE WITNESS: It should be a completed well in
5 northwest northwest of section thirty.

6 MR. CHRISTY: Thirty, right. It does show it.

7 MR. NUTTER: That is the well?

8 THE WITNESS: Right. That is the Roger Hanks Number
9 Dagger Draw Unit.

10 Q (Mr. Christy continuing) Now, do you also propose to
11 inject salt water into that Manzano Well from the Preston
12 Federal Well in section thirty-five which was the subject
13 of Case 4551 at this hearing?

14 A At such time as that well is put on production, and if
15 such water is produced, we would attempt to also dispose
16 of this water.

17 Q That is also nonpotable water?

18 A Nonpotable, it is.

19 Q So you propose to inject potable water and water in a
20 potable Devonian area?

21 A That's true.

22 Q Now, exactly what type of vacuum are you proposing to
23 inject into this well?

24 A Well, at this time we would attempt to inject approximately
25 700 barrels a day which is the water, and which is being

1 produced by the Roger Hanks Number 1 Dagger Draw Unit,
2 and that's all we would inject at this time.

3 Q And what do you think your maximum injection could be at
4 this point, do you estimate it might be?

5 A We feel this well could take up to 2500 barrels a day.
6 That is quite some time down the road, as far as when that
7 amount of water would be necessary.

8 Q But in your opinion, it will take about 2500?

9 A It should take from our engineering subjects it has been
10 set as high as 3000.

11 Q Initially about 7500?

12 A Initially all we have today is necessary of disposing of
13 is 7500 barrels.

14 Q What kind of volumes of water down the Dagger Draw makes
15 it the 700?

16 A It is the 700. That is what we are speaking of.

17 Q And we don't know about the Preston Federal at this point?

18 A Right.

19 Q Is there anything I failed to ask you that you think would
20 be of interest to the examiner in consideration of this
21 application?

22 A No, sir. I don't believe there is.

23 MR. CHRISTY: I might mention to the examiner we
24 have obtained the Manzano, too. It was a form out from
25 Pubco King, and we have obtained a business lease from this,

1 or are obtaining one from the Federal Government, federal
2 acreage, so that we have one from the lessee of the oil and
3 gas lease and from owners of the service, and now we seek
4 permission from this regulatory body.

5 We have nothing further from this witness.

6 CROSS EXAMINATION

7 BY MR. NUTTER:

8 Q Well, now, Mr. Baird, isn't the only well right now that
9 is making water would be this well up here in section
10 thirty to the north, and it is making about 700 barrels
11 per day?

12 A That's right.

13 Q And then this other well that we had the hearing on a
14 minute ago, is the second well, then, in the area that
15 will be producing water, possibly?

16 A That's correct. And it is not producing today.

17 Q And it is not producing yet?

18 A Right. There will be other wells in the area which we
19 hope will make small amounts of water, but whatever they
20 produce, we will hope to inject.

21 Q Now, you mentioned this morning that Form C108 has been
22 amended to show the Baker Packer set at 10,000 feet, so
23 in effect, we could amend our Exhibit Number 3 and draw
24 in a Packer then at 10,000 feet on this, too, right?

25 A That is absolutely correct.

dearnley-meier reporting service

1 Q And now, will the annulus between the casing and the
2 tubing be loaded with some sort of inert fluid?

3 A Between the annulus?

4 Q The casing tubing and annulus.

5 A I can't answer that.

6 Q Well, let me put it this way. It is customary that the
7 Commission's orders require that the annulus would be
8 loaded with an inert fluid, and then equipped with a
9 pressure guage at the heads at the surface so that --

10 A Oh, I understand you. That will be the case.

11 Q And that can be done?

12 A Right.

13 MR. CHRISTY: We would certainly agree with that.

14 A Yes.

15 Q (Mr. Nutter continuing) And what about the tubing? Will
16 this just be plain tubing, or do you plan to use
17 plastic-coated or cement?

18 A It will be plastic-coated.

19 Q Plastic-coated?

20 A Right.

21 MR. NUTTER: Are there any further questions of
22 Mr. Baird? He may be excused.

23 (Witness excused)

24 MR. CHRISTY: We would at this point like to offer
25 applicant's Exhibits 1, 2, 3 inclusive.

1 MR. NUTTER: Applicant's Exhibits 1 through 3 will
2 be admitted in evidence. Does anyone have anything further
3 that they wish to offer in Case Number 4550?

4 We will take the case under advisement.
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

dearnley-meier reporting services

I N D E XWITNESSPAGE

WALTER R. BAIRD

Direct Examination by Mr. Christy

2

Cross Examination by Mr. Nutter

9

dearnley-meier reporting service

1 STATE OF NEW MEXICO)
2 COUNTY OF BERNALILLO)

3 I, LINDA MALONE, Court Reporter, do hereby certify that
4 the foregoing and attached Transcript of Hearing before the
5 New Mexico Oil Coservation Commission was reported by me; and
6 that the same is a true and correct record of the said
7 proceedings, to the best of my knowledge, skill and ability.
8
9

Linda Malone
Court Reporter

10
11
12
13
14
15
16
17
18
19
20
21
22
23 I do hereby certify that the foregoing is
24 a complete record of the proceedings in
the Examiner hearing of Case No. 4550,
heard by me on 6/16 1971.
25 *[Signature]*, Examiner
New Mexico Oil Conservation Commission



western union

Telegram

KA096 SSK319

1971 MAY 24 PM 4 31

(400) *71 MAY 25*

K RWA024 HO PDF=ROSWELL NMEX 24 351P MDT=
NEW MEXICO OIL CONSERVATION COMMISSION=
STATE CAPITOL BLDG SANTA FE NMEX=

Case 4550

IN BEHALF OF ROGER C HANKS REQUEST EXAMINER HEARING
JUNE 16 FOR SALT WATER DISPOSAL INJECTION WELL 660
FEET FROM NORTH LINE AND 660 FEET FROM WEST LINE IN
SECTION 5 TOWNSHIP 20 SOUTH RANGE 25 EAST. INJECTION
INTO DEVONIAN FORMATION AT APPROXIMATELY 10500 FEET SUB
SURFACE. REQUEST PER YOUR RULE 701 APPLICATION FOLLOWS=
JENNINGS CHRISTY AND COPPLE==

DOCKET MAILED

16 660 660 5 20 25 10500 701=

6-3-71

WU 1201 (H 5-69)



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

June 21, 1971

Mr. Sim Christy
Jennings, Christy & Copple
Attorneys at Law
Post Office Box 1180
Roswell, New Mexico 88201

Re: Case No. 4550
Order No. R-4158
Applicant:
ROGER C. HANKS

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 *lp*

ALP/ir

Copy of order also sent to:

Hobbs OCC x
Artesia OCC x
Aztec OCC

Other 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. 4550
Order No. R-4158

APPLICATION OF ROGER C. HANKS
FOR SALT WATER DISPOSAL, EDDY
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 10:30 a.m. on June 16, 1971, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 21st day of June, 1971, 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, Roger C. Hanks, is the owner and operator of the Monsanto Foster Well No. 1, located 660 feet from the North line and 660 feet from the West line of Section 5, Township 20 South, Range 25 East, NMPM, Eddy County, New Mexico.

(3) That the applicant proposes to utilize said well to dispose of produced salt water into the Devonian formation, with injection into the perforated interval from approximately 10,220 feet to 10,504 feet.

(4) That the injection should be accomplished through 2 3/8-inch plastic-lined tubing installed in a packer set at approximately 10,000 feet; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge should be attached to the annulus at the surface in order to determine leakage in the casing, tubing, or packer.

-2-

CASE NO. 4550
Order No. R-4158

(5) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Roger C. Hanks, is hereby authorized to utilize his Monsanto Foster Well No. 1, located 660 feet from the North line and 660 feet from the West line of Section 5, Township 20 South, Range 25 East, NMPM, Eddy County, New Mexico, to dispose of produced salt water into the Devonian formation, injection to be accomplished through 2 3/8-inch tubing installed in a packer set at approximately 10,000 feet, with injection into the perforated interval from approximately 10,220 feet to 10,504 feet.

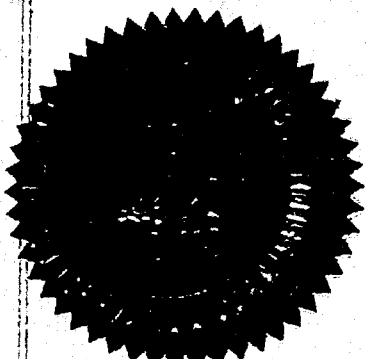
PROVIDED HOWEVER, that the tubing shall be plastic-lined; that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus at the surface in order to determine leakage in the casing, tubing, or packer.

(2) That the applicant shall submit monthly reports of its disposal operations in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(3) 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


Bruce King
BRUCE KING, Chairman

Alex J. Armijo
ALEX J. ARMILLO, Member

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

S E A L

dr/

Docket No. 12-71

DOCKET: REGULAR HEARING - WEDNESDAY - JUNE 16, 1971

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

- ALLOWABLE: (1) Consideration of the oil allowable for July and August, 1971;
- (2) Consideration of the allowable production of gas for July, 1971, from fifteen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico for July, 1971; also presentation of purchaser's nominations for the six-month period beginning August 1, 1971, for that area.

CASE 4487: (De Novo) This case will be continued to the August 18, 1971, Regular Hearing.

Application of Pennzoil United, Inc., for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Strawn formation underlying the W/2 of Section 6, Township 23 South, Range 27 East, South Carlsbad-Strawn Gas Pool, Eddy County, New Mexico, said acreage to be dedicated to the Morris R. Antweil Joell Well No. 1 located 660 feet from the North line and 1980 feet from the West line of said Section 6. Also to be considered will be the cost of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

Upon application of Pennzoil United, Inc., this case will be heard De Novo under the provisions of Rule 1220.

CASE 4503: (De Novo)

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Penroc Oil Corporation and all other interested persons to appear and show cause why the intentional deviation of Penroc Oil Corporation State Well No. 2, having a surface location 360 feet from the South line and 330 feet from the East line of Section 28, Township 17 South, Range 28 East, Empire-Abo Pool, Eddy County, New Mexico, to a bottom hole location 123 feet from the South line and 149 feet from the East line of said Section 28 should be approved and why the allowable assigned to said well should not be reduced to offset any advantage gained by said bottom hole location over other producers.

Regular Hearing
Wednesday - June 16, 1971

Docket No. 12-71

-2-

Upon application of Amoco Production Company, this case will be heard De Novo under the provisions of Rule 1220.

THE FOLLOWING CASES WILL BE HEARD BEFORE DANIEL S. NUTTER, EXAMINER, OR ELVIS A. UTZ, ALTERNATE EXAMINER, IN THE OIL CONSERVATION COMMISSION CONFERENCE ROOM ON THE SECOND FLOOR OF THE LAND OFFICE BUILDING AT 10:30 a.m.:

- CASE 4547: Application of Hanson Oil Corporation 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 formation in the perforated interval from 4009 feet to 4036 feet in its Mescalero Ridge Unit "35" Well No. 17 located in Unit G of Section 35, Township 19 South, Range 34 East, Pearl-Seven Rivers Pool, Lea County, New Mexico.
- CASE 4548: Application of Hanagan Petroleum Corporation for creation of a new gas pool and special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Morrow gas pool for its Catclaw Draw Unit Well No. 1-Y located in Unit F of Section 26, Township 21 South, Range 25 East, Eddy County, New Mexico. Applicant further seeks the promulgation of special rules therefor, including a provision for 640-acre spacing units.
- CASE 4549: Application of Tom L. Ingram for unorthodox gas well location, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location for his Light Well No. 1 located 1980 feet from the South line and 660 feet from the East line of Section 15, Township 8 South, Range 37 East, Bluit-San Andres Associated Pool, Roosevelt County, New Mexico, the S/2 of said Section 15 to be dedicated to the well.
- CASE 4550: Application of Roger C. Hanks for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Devonian formation at approximately 10,500 feet in a well located 660 feet from the North and West lines of Section 5, Township 20 South, Range 25 East, Eddy County, New Mexico.
- CASE 4551: Application of Roger C. Hanks for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 104 of the Commission Rules and Regulations to drill a well at an unorthodox gas well location 1900 feet from the South line

Regular Hearing
Wednesday - June 16, 1971

Docket No. 12-71

-3-

(Case 4551 continued)

and 850 feet from the West line of Section 35, Township 20 South, Range 24 East, undesignated Pennsylvanian gas pool, Eddy County, New Mexico, the S/2 of said Section 35 to be dedicated to the well.

CASE 4552: In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider the amendment of Rule 506 of the Commission Rules and Regulations by deleting therefrom the provision that all gas produced with the current oil allowable determined in accordance with Rule 506 shall be deemed to have been lawfully produced.

CASE 4554: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Henry S. Birdseye and all other interested persons to appear and show cause why the following-described wells in the Chaco Wash-Mesaverde Pool in Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

Santa Fe Railroad Wells Nos. 1, 2, 3, and 4 and in Unit P of Section 21; Well No. 6 in Unit M of Section 22; and Wells Nos. 5, 7, 8, 9, 11, and 12 in Units D, D, C, F, D, and F, respectively, of Section 27.

CASE 4555: Application of BTA Oil Producers for expansion of a pressure maintenance project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand its BTA Vada Bond Pressure Maintenance Project, Vada Pennsylvanian Pool, by the conversion to water injection of its Bond Wells Nos. 2 and 3 located, respectively, in Units L and A of Section 5 and its Bond Well No. 4 located in Unit J of Section 4, all in Township 9 South, Range 36 East, Lea County, New Mexico. Applicant proposes to complete the above-described wells in such a manner as to cause, by means of down-hole equipment, water from the Bough "D" zone to flood the Bough "C" zone in each of the wells.

CASE 4556: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Lea, Eddy and Chaves Counties, New Mexico.

(a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Aid-Morrow Gas Pool. The discovery well is Pennzoil United,

Regular Hearing
Wednesday - June 16, 1971

-4-

Docket No. 12-71

(Case 4553 continued)

Inc., Aid State No. 1 located in Unit A of Section 24, Township 17 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 24: N/2

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production and designated as the East Terry-Blinebry Pool. The discovery well is Mark Production Company, Conoco Federal No. 2 located in Unit J of Section 30, Township 20 South, Range 39 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 39 EAST, NMPM
SECTION 30: SE/4

(c) Extend the Arrowhead-Grayburg Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 20: NW/4

(d) Extend the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM
SECTION 5: SE/4

(e) Extend the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
SECTION 10: S/2

(f) Extend the Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
SECTION 30: W/2 W/2

Regular Hearing
Wednesday - June 16, 1971
-5-

Docket No. 12-71

(g) Extend the Double L-Queen Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM
SECTION 23: SE/4 SE/4

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 12: NW/4 NE/4

(h) Extend the Lea-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SW/4

(i) Extend the South McCormack-Silurian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 22: NW/4

(j) Extend the Power Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
SECTION 32: SW/4 SW/4

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
SECTION 6: NW/4 NW/4

(k) Extend the West Sawyer-San Andrea Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
SECTION 21: SE/4

(l) Extend the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 13: NE/4
SECTION 15: S/2 SW/4
SECTION 23: W/2

(m) Extend the Northwest Vacuum-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 5: NE/4

JAMES T. JENNINGS
SIM B. CHRISTY IV
ROGER L. COPPLE
BRIAN W. COPPLE

LAW OFFICES OF
JENNINGS, CHRISTY & COPPLE
1012 SECURITY NATIONAL BANK BUILDING
P. O. BOX 1180
ROSWELL, NEW MEXICO 88201

TELEPHONE 622-8432
AREA CODE 505

May 25, 1971

71 MAY 26 1971

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

Attention: Mr. Dan Nutter

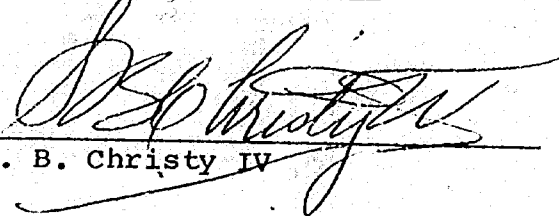
Gentlemen:

Confirming our wire of May 24, we enclose herewith in triplicate Application of Roger C. Hanks under Rule 701, for salt Water disposal, Eddy County, New Mexico.

Respectfully,

JENNINGS, CHRISTY & COPPLE

By


S. B. Christy IV

SBC:pv
Encls.

cc: Mr. Roger C. Hanks
(w/cc of Application)

DOCKET MAILED

Date 6-3-71

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

IN THE MATTER OF ROGER C. HANKS)
APPLICATION FOR SALT WATER DISPOSAL)
EDDY COUNTY, NEW MEXICO)

Case NO. 4550

APPLICATION

Pursuant to Rule 701 of the New Mexico Oil Conservation Commission Rules and Regulations, Roger C. Hanks, whose address is 2100 Wilco Building, Midland, Texas 79701, hereby makes application for original authority for the injection of non-potable water into a formation in a well located in Eddy County, New Mexico, including salt water disposal, and states:

1. The location of the proposed injection well is 660 feet from the North line and 660 feet from the West line of Section 5, Township 20 South, Range 25 East, N.M.P.M.; the well is known as the Monsanto Federal No. 1 and has heretofore been abandoned as a possible producer of hydrocarbons in paying quantities.
2. Applicant seeks to inject non-potable water, including salt water disposal, into the Devonian Formation underlying said well at approximately a depth of 10,500 feet subsurface.
3. There is to be furnished at the hearing on this application a plat showing the location of the proposed injection well and the location of all other wells within a radius of two miles from said proposed injection well and the formation from which said wells are producing or have produced. The plat will also include the lessees, if any there be, within said two mile radius.

4. There is to be furnished at the hearing on this application a log of the proposed injection well if the same is available.

5. There is to be furnished at the hearing on this application a diagrammatic sketch of the proposed injection well showing all casing strings, including diameters and setting depths, quantities used and tops of cement, perforated or open hole intervals, tubing strings, including diameters and setting depths, and type and location of packers, if any.

6. There is to be furnished at the hearing on this application other pertinent information including the name and depth of the zone or formation into which injection will be made, the kind of fluid to be injected, the anticipated volume to be injected, and the source of said injection fluid.

WHEREFORE, Applicant respectfully requests the Commission enter its Order granting Applicant authority for the injection of non-potable water, including salt water disposal, as sought by this application.

Respectfully,

ROGER C. HANKS

By 

S. B. Christy IV, as a member
of the firm of Jennings, Christy
& Copple

P. O. Box 1180
Roswell, New Mexico 88201

Attorneys for the Applicant

DRAFT

GMH/dr

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 ROGER C. HANKS
FOR SALT WATER DISPOSAL, EDDY
COUNTY, NEW MEXICO.

CASE No. 4550

Order No. R- 4158

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 10:30 a.m. on June 16, 1971,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this day of June, 1971, 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, Roger C. Hanks, is the owner and
operator of ~~the~~ *the Monsanto Foster Well No. 1* located 660 feet from the North and West
lines of Section 5, Township 20 South, Range 25 East, Eddy
County, New Mexico. *line and 660 feet from NMPM,*

(3) That the applicant proposes to utilize said well to
dispose of produced salt water into the Devonian formation, with
injection into the perforated interval ~~from~~ *at from* approximately ~~10,500~~ *10,500* to 10,504 feet.

-2-

CASE NO. 4550

Order No. R-

(4) That the injection should be accomplished through ^{*plastic lined*} 2 3/8-inch tubing installed in a packer set at approximately ^{*10,000*} ~~10,500~~ feet; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge should be attached to the annulus at the surface in order to determine leakage in the casing, tubing, or packer.

(5) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Roger C. Hanks, is hereby ^{*Monks-Joslin Well No. 1*} authorized to utilize his ^{*660 feet from the*} well, located 660 feet from the North ^{*line*} and West line of Section 5, Township 20 South, Range 25 East, NMPM, Eddy County, New Mexico, to dispose of produced salt water into the Devonian formation, injection to be accomplished through 2 3/8-inch tubing installed in a packer set at approximately ^{*10,000*} ~~10,500~~ feet, with injection into the perforated interval ^{*from 10,220 feet to 10,504 feet*} ~~at approximately 10,500 feet.~~ ^{*that the tubing shall be plastic lined;*} PROVIDED HOWEVER, that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus at the surface in order to determine leakage in the casing, tubing, or packer.

(2) That the applicant shall submit monthly reports of its disposal operations in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

-3-
CASE NO. 4550
Order No. R-

(3) 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 4551: Application of ROGER
C. HANKS FOR AN UNORTHODOX GAS
WELL LOCATION, EDDY COUNTY, N.M.