

CASE 5204: Application of CITIES
SERVICE FOR A DUAL COMPLETION,
EDDY COUNTY, NEW MEXICO

CASE No.

5204

Application,

Transcripts,

Small Exhibits

ETC.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
April 10, 1974

EXAMINER HEARING

IN THE MATTER OF:)
)
)

Application of Cities)
Service Oil Company for)
a dual completion, Eddy)
County, New Mexico.)

Case No. 5204

BEFORE: Richard L. Stamets, Examiner.

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil
Conservation Commission:

Thomas Derryberry, Esq.
Legal Counsel for the
Commission
State Land Office Building
Santa Fe, New Mexico

For the Applicant:

W. Thomas Kellahin, Esq.
Jason W. Kellahin, Esq.
Kellahin & Fox
54-1/2 East San Francisco
Santa Fe, New Mexico

I N D E X

Page

E. F. MOTTER

Direct Examination by Mr. Tom Kellahin

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E X H I B I T S

Applicant's Exhibits Number One through Five

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MR. STAMETS: I will call Case Number 5204,
Application of Cities Service.

MR. DERRYBERRY: Case 5204, Application of Cities
Service Oil Company for a dual completion, Eddy County,
New Mexico.

MR. KELLAHIN: Tom Kellahin and Jason Kellahin of
Kellahin & Fox, Santa Fe, New Mexico, appearing on behalf of
the applicant, Cities Service Oil Company. I have one
witness to be sworn.

MR. STAMETS: Are there any other appearances in
this case? The witness will stand and be sworn.

(THEREUPON, the witness was sworn.)

E. F. MOTTER

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

DIRECT EXAMINATION

BY MR. TOM KELLAHIN:

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

A E. F. Motter, Cities Service Oil Company, Midland,
Texas. I am Engineering Manager of the Exploration Produc-
tion Division of the Southwestern Region.

Q Have you previously testified before this Commission

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SANTA FE, NEW MEXICO 87501
TEL. (505) 982-0386

MOTTER-DIRECT

Page.....4.....

or one of its Examiners, and had your qualifications as an expert accepted?

A. Yes, I have.

Q Are you familiar with the facts surrounding this particular application?

A I am.

MR. KELLAHIN: If the Examiner please, are his qualifications as an expert acceptable?

MR. STAMETS: They are.

Q (Mr. Kellahin continuing.) Mr. Motter, would you please refer to what has been marked as Applicant's Exhibit One and identify it and explain what information it contains?

A Yes. This is a plat with the heavy dash lines around the north half of Section 14, Township 20 South, Range 28 East, Eddy County, New Mexico indicating the proration unit which has been dedicated to our Government T No. 1. That well is located eight hundred and ten feet from the north line, nineteen hundred and eighty feet from the west line. It has been drilled and completed and the subject of this application is dual the well in the Morrow and the Wolfcamp. The well is presently producing from the Morrow formation.

Q Please refer to Exhibit Two, and identify it,

MOTTER-DIRECT

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explain what information it contains?

A. Exhibit Two is merely a diagrammatic sketch outlining the casing program utilized in this well and the cement and cement tops that are recorded on the well.

Q Please identify Exhibit Number Three.

A. All right. Exhibit Three is the present hookup of the well, downholed equipment. For the Examiner's sake, I will have Exhibit Number Four which explains the cross-over assembly a little more in detail. I would like to go ahead and proceed.

This well is producing as I have said, currently from the Morrow perforation from eleven one-o-six to three sixty-five and the calculated flow on this well was seven million three hundred and fourteen thousand.

If you will note up above there, the Wolfcamp perforations are from ninety-two-o-six to ninety-two thirty-one. The calculated open flow on this is three point eight million. It says twenty-nine barrels conducted during tests. That was a four-hour test which would give you roughly one hundred and seventy-five barrels a day. For this reason our plan is to bring the drier gas or the Morrow up the tubing and cross it over to the cross-over assembly to where it will flow out the annulus and the Wolfcamp and the fluid in

MOTTER-DIRECT

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the column will go up the tubing which we feel will be much more efficient.

Q Please refer to Exhibit Four.

A Exhibit Four is just a little bit more detail of what we call the cross-over assembly on Exhibit Three. Quite frankly, I think the Examiner knows and has been through this many times, of how these things work without a lot of elaboration. It is Baker equipment, and it is very easily pulled and retrieved and isolated in separate zones, and so on and so forth. It would be our plan if and when this application is approved, to conduct packer leakage tests and everything. We have briefly tested the zones and we are satisfied that all of the equipment down in the hole is working properly and there will be no problem to conduct such tests whenever the appropriate time arrives.

Q What is the pressure differential between the two?

A Well, basically in this particular area we find that the Morrow will run about forty-seven or forty-eight hundred pounds. We have not run a bottom hole pressure on that.

On drill stem tests the Wolfcamp produced -- if you will bear with me just a moment while I check my records -- on the drill stem tests the bottom hole pressure at the end

MOTTER-DIRECT

Page..... 7.....

of ninety minutes was forty-four eighty-five. Considering the gradient and so forth, it looks like it would be somewhere around three or four hundred pounds. The difference between the two zones in the packer point probably is somewhere in the neighborhood of a couple of hundred pounds.

Q Would this type of dual completion handle the pressure differential?

A No problem.

Q And does the method of completion conform to good engineering practices?

A Yes, it certainly does.

Q In your opinion will approval of this application be in the best interests of conservation, prevent waste, and protect the correlative rights of others?

A Very much so. In fact, the Wolfcamp in this particular area is of such a nature I seriously doubt that a single well could be drilled in this economically.

Q Will you please refer to Exhibit Number Five and identify it?

A This is a log of the well and it has all of the tops of the important formations along with the perforated intervals marked thereon.

Q Were Exhibits One through Five either prepared by

MOTTER-DIRECT
-CROSS

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you or compiled and prepared under your supervision and direction?

A Yes, they were.

MR. KELLAHIN: If the Examiner please, we move the introduction of Exhibits One through Five.

MR. STAMETS: Without objection, Exhibits One through Five will be admitted.

MR. KELLAHIN: That concludes our examination.

CROSS EXAMINATION

BY MR. STAMETS:

Q Mr. Motter, what is the current rate of liquid production from the Morrow formation?

A In this particular well, surprisingly we are getting -- I can't tell you exactly, but it is somewhere in the neighborhood of eight to ten barrels a day.

As you are probably aware, in general out there the Morrow is normally dry. If you will note here when we conducted our tests we actually produced fifteen barrels of condensate but the well is only flowing now around four or five million. So, I am judging from that that we are probably producing eight to ten condensate per day or what, two barrels per million?

Q And the well is currently being produced through

MOTTER-CROSS

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this cross-over assembly?

A. Right.

Q And you have not experienced any problems with the liquid buildup or the Morrow buildup?

A. No.

Q Any pressure drop or anything like that?

A. No, no problems.

Q If you would experience this type of problem would you be able to overcome it by just changing the mechanics of the well?

A. Yes, the mechanics of the well would probably have to be two strings of tubing and would probably require with five and a half casing, probably two strings of two and a sixteenth and as you are aware it may be a little hard to come by right now. But it could be overcome. Quite frankly, we anticipate no problems with this hookup.

We were surprised to find a little bit of condensate in the Morrow. We are glad to get it of course, but we were a little surprised to see it.

MR. STAMETS: Are there any other questions of the witness? If not, he may be excused. Is there anything further in this case?

We will take the case under advisement.

MOTTER-CROSS

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(THEREUPON, the witness was excused.)

STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

I, SIDNEY F. MORRISH, Court Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

SIDNEY F. MORRISH, Court Reporter

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 5207,
heard by me on 4-10, 1994.
Richard T. Blum, Examiner
New Mexico Oil Conservation Commission

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SANTA FE, NEW MEXICO 87501
TEL. (505) 982-0386

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. 5204
Order No. R-4766

APPLICATION OF CITIES SERVICE
OIL COMPANY FOR A DUAL COMPLETION,
EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on April 10, 1974, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 16th day of April, 1974, 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, Cities Service Oil Company, seeks authority to complete its Government T Well No. 1, located in Unit C of Section 14, Township 20 South, Range 28 East, NMPM, Eddy County, New Mexico, as a dual completion (conventional) to produce gas from the Wolfcamp formation through the casing-tubing annulus and thence, by means of a crossover assembly, through tubing to the surface, and gas from the Morrow formation through tubing and thence, by means of a crossover assembly, through the casing-tubing annulus to the surface, with separation of the zones achieved by means of a packer set at approximately 10,987 feet.

(3) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

(4) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Cities Service Oil Company, is hereby authorized to complete its Government T Well No. 1, located in Unit C of Section 14, Township 20 South, Range 28 East, NMPM, Eddy County, New Mexico, as a dual completion

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CASE NO. 5204
Order No. R-4766

(conventional) to produce gas from the Wolfcamp formation through the casing-tubing annulus and thence, by means of a crossover assembly, through tubing to the surface, and gas from the Morrow formation through tubing and thence, by means of a crossover assembly, through the casing-tubing annulus to the surface, with separation of the zones achieved by means of a packer set at approximately 10,987 feet.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Shut-In Pressure Test Period for gas wells in South-eastern New Mexico.

(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.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

A. J. Armijo
ALEX. J. ARMILLO, Member

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

S E A L

jr/

5204

Cities dual OK

Morrow up tubing & annulus
by means of crossover assembly
at approx 9126' with work stop
prod up 2 7/8 tubing

Zones separated by packer
at about 10987'

DOCKET: EXAMINER HEARING - WEDNESDAY - APRIL 10, 1974

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

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas from seventeen prorated pools in Lea, Eddy, Roosevelt, and Chaves Counties, New Mexico, for May, 1974;
- (2) Consideration of the allowable production of gas from five prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for May, 1974.

CASE 5201: Application of Mobil Oil Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the S/2 of Section 33, Township 22 South, Range 27 East, South Carlsbad Field, Eddy County, New Mexico, to form a standard 320-acre proration unit to be dedicated to a well to be drilled at a standard location for said unit. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5202: Application of El Paso Natural Gas Company for special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the West Sand Dunes-Morrow Gas Pool in Township 23 South, Range 31 East, Eddy County, New Mexico, including a provision for 640-acre spacing.

CASE 5203: Application of Jake L. Hamon 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 perforated interval from 13,230 feet to 13,320 feet in his Getty State L-736 Well No. 1 located in Unit D of Section 32, Township 16 South, Range 36 East, East Shoe Bar-Devonian Pool, Lea County, New Mexico.

CASE 4790: (Reopened)

In the matter of Case No. 4790 being reopened pursuant to the provisions of Order No. R-4370, which order established temporary rules for the Dublin-Ellenburger Gas Pool, Lea County, New Mexico, including a provision for 640-acre spacing. All interested parties may appear and show cause why said pool should not be developed on 320-acre spacing units.

- CASE 5204: Application of Cities Service Oil Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Government T Well No. 1 located in Unit C of Section 14, Township 20 South, Range 28 East, Russell Field, Eddy County, New Mexico, in such a manner as to produce gas from the Wolfcamp and Morrow formations through the casing-tubing annulus and tubing, respectively.
- CASE 5205: Application of Cities Service Oil Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Paslay "A" Com Well No. 1 located in Unit K of Section 8, Township 22 South, Range 27 East, Eddy County, New Mexico, to produce gas from undesignated Strawn and Morrow gas pools through the casing-tubing annulus and tubing, respectively.
- CASE 5211: Application of Cities Service Oil Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the W/2 of Section 8, Township 22 South, Range 27 East, South Carlsbad Field, Eddy County, New Mexico, to be dedicated to its Paslay Well No. 1, located in Unit K of said Section 8. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 5212: Application of Cities Service Oil Company for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Citgo Empire-Abo Unit Area comprising 361 acres, more or less, of Federal and State lands in Townships 17 and 18 South, Range 27 East, Empire-Abo Pool, Eddy County, New Mexico.
- CASE 5213: Application of Cities Service Oil Company for a pressure maintenance project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pressure maintenance project on its Citgo Empire-Abo Unit, Empire-Abo Pool, Eddy County, New Mexico, by the injection of gas into the Abo formation through a well to be drilled at an unorthodox location 990 feet from the South line and 2635 feet from the East line of Section 35, Township 17 South, Range 27 East. Applicant further seeks the establishment of special rules for said pressure maintenance project including a provision for the operation of the project under a net GOR rule and the establishment of a gas injection credit "bank" against which injection credit could be drawn in order to maintain full allowables during such times as injection plant shut-downs, etc.

- CASE 5206: Application of Continental Oil Company for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle West Warren-Blinebry and East Skaggs-Drinkard production in the wellbore of its SEMU Burger Well No. 21 located in Unit 0 of Section 19, Township 20 South, Range 38 East, Lea County, New Mexico.
- CASE 5207: Application of Craig Folsom for a non-standard proration unit and compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests underlying a non-standard oil proration unit comprising the SW/4 NE/4 SE/4, NW/4 SE/4 SE/4, NE/4 SW/4 SE/4, and the SE/4 NW/4 SE/4 of Section 12, Township 13 South, Range 31 East, Caprock-Queen Pool, Chaves County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 1340 feet from the South line and 1300 feet from the East line of said Section 12, said location having been previously been approved by Order No. R-4750. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 5208: Application of S. P. Yates for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks, as an exception to Order No. R-3221, as amended, authority to dispose of produced salt water in an unlined surface pit on its Federal LC 065598 lease in the SW/4 SW/4 of Section 4, and the NE/4 of Section 5, Township 17 South, Range 30 East, Square Lake Pool, Eddy County, New Mexico.
- CASE 5209: Application of Union Oil Company of California for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Estacado Unit Area comprising 1280 acres, more or less, of State and fee lands in Township 14 South, Range 35 East, Lea County, New Mexico.
- CASE 5210: In the matter of the application of the Oil Conservation Commission on its own motion for the contraction of the House-Tubb Gas Pool by the deletion of all of Section 12, Township 20 South, Range 38 East, Lea County, New Mexico, and the creation of the East House-Tubb Oil Pool comprising all of the NW/4 of said Section 12.
- CASE 5214: Application of Inexco Oil Company for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the Robb Spring Unit Area comprising 6402 acres, more or less, of State, Federal, and fee lands in Townships 23 and 24 South, Range 25 East, Eddy County, New Mexico.
- CASE 5215: Application of Morris R. Antwell for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order

Examiner Hearing - Wednesday - April 10, 1974

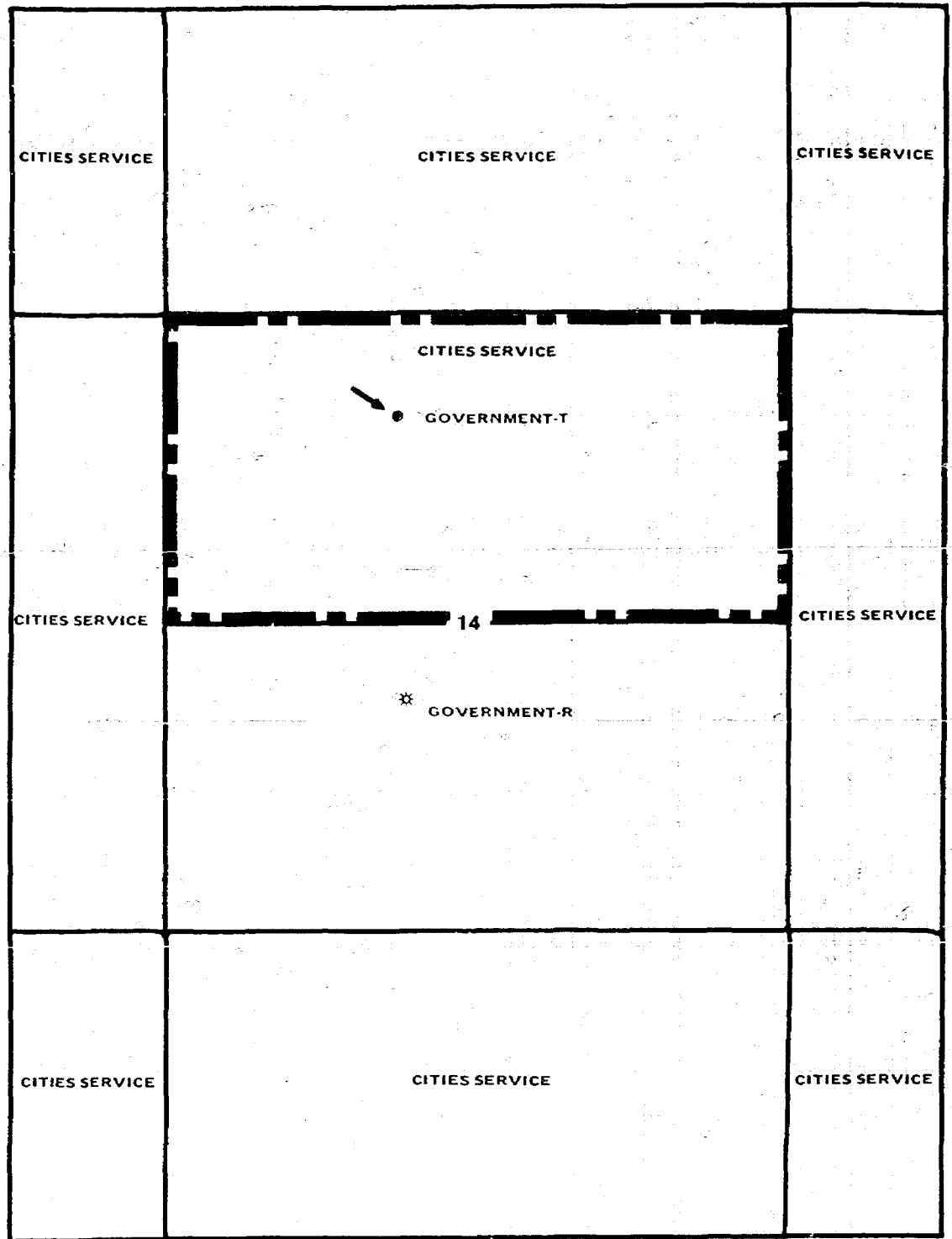
Docket No. 9-74

-4-

(Case 5215 continued from Page 3)

pooling all mineral interests in the Pennsylvanian formation underlying the S/2 of Section 17, Township 22 South, Range 27 East, South Carlsbad Field, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location for said unit. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

20^s
28^E



CITIES SERVICE OIL COMPANY

SOUTHWESTERN REGION
MIDLAND TEXAS

CSO-GOVERNMENT-T
NORTH 1/2 SEC. 14
T-20-S, R-28-E

EDDY CO., NEW MEXICO

Scale: 1/4" = 1 Mile

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION

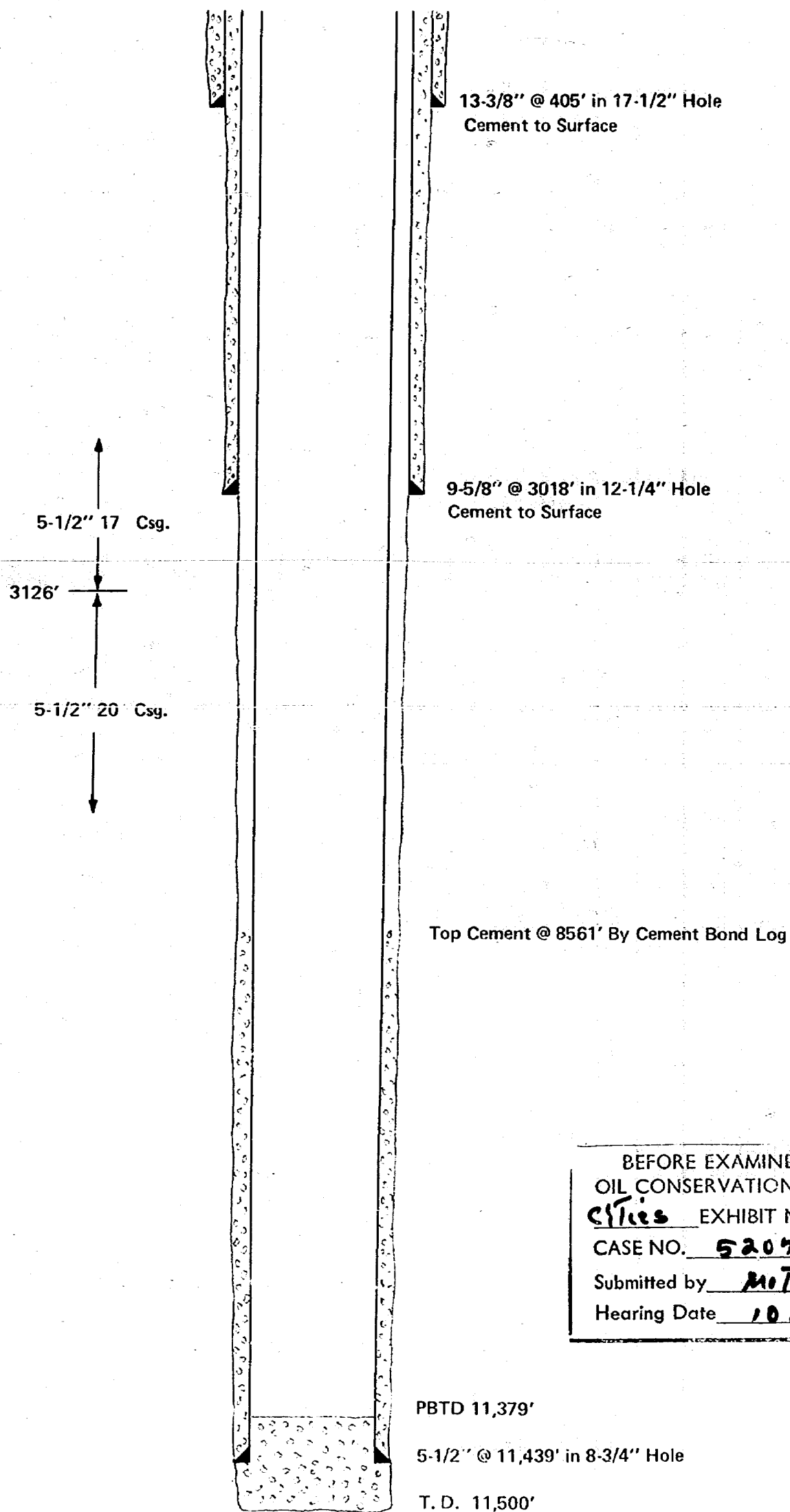
Cities EXHIBIT NO. 1

CASE NO. 5204

Submitted by Mottler

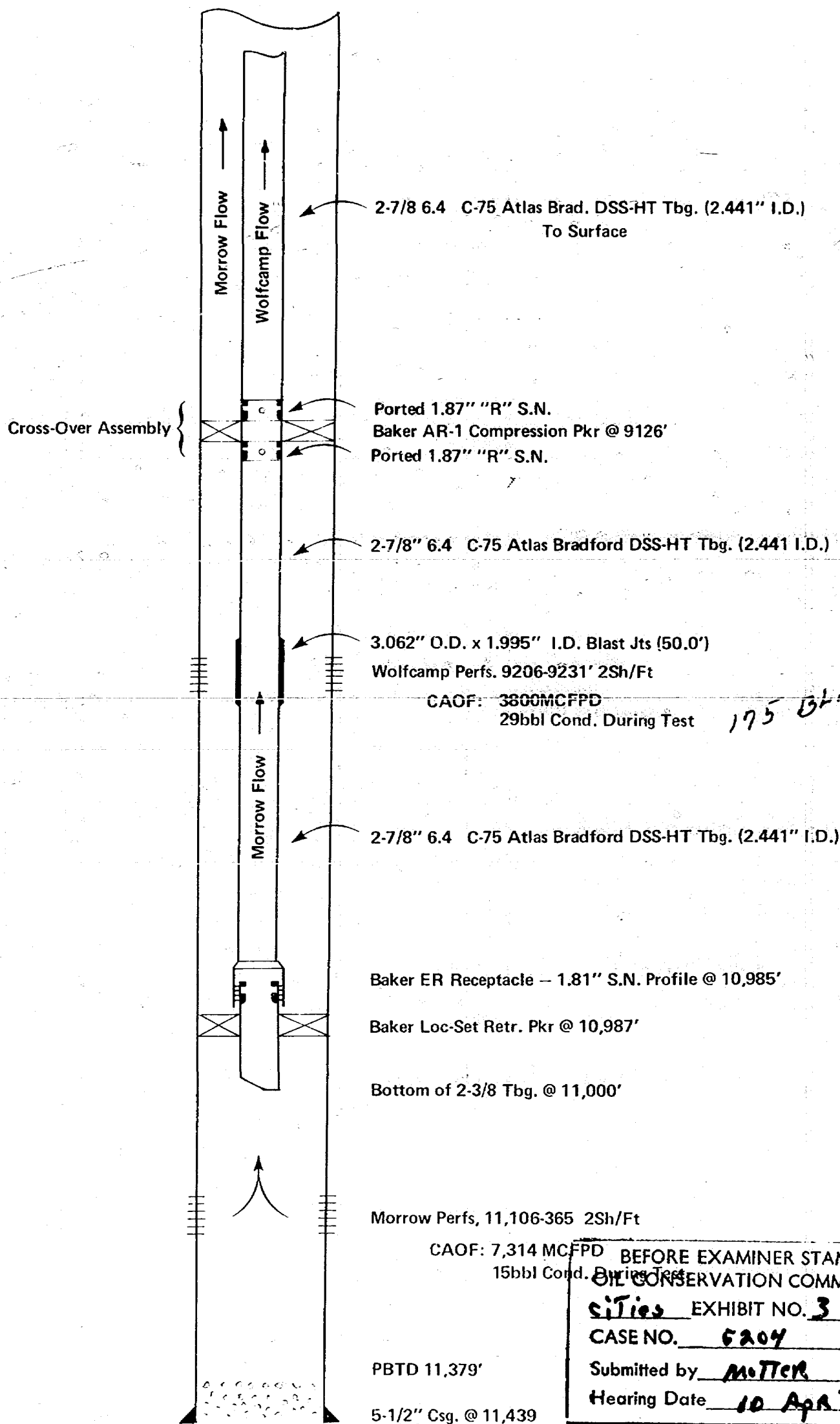
Hearing Date 10 Apr 74

CASING SCHEMATIC



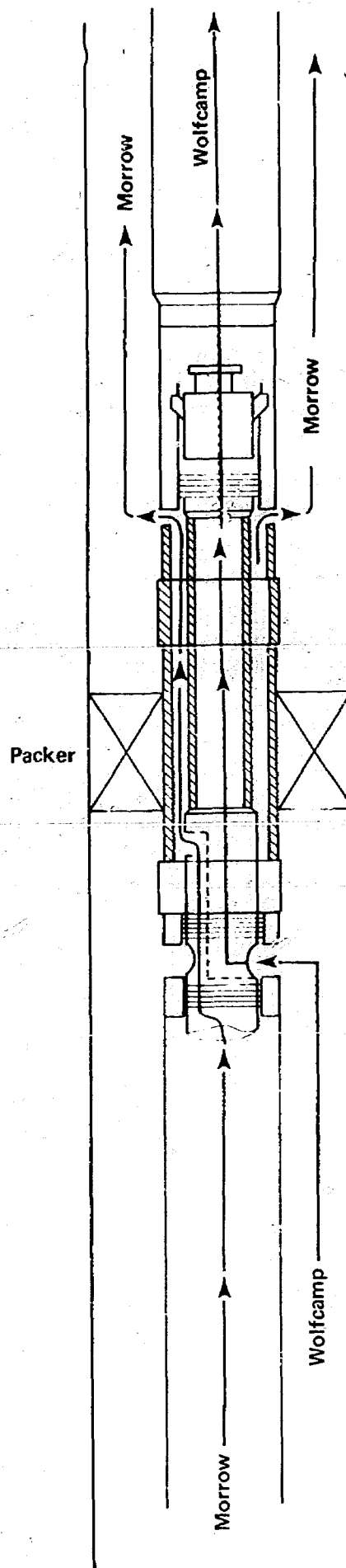
BEFORE EXAMINER STATES
OIL CONSERVATION COMMISSION
cfies EXHIBIT NO. 2
CASE NO. 5207
Submitted by MOTTER
Hearing Date 10 Apr 74

DOWN HOLE COMPLETION SCHEMATIC



BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
CITIES EXHIBIT NO. 3
CASE NO. 6204
Submitted by MOTTEN
Hearing Date 10 Apr 74

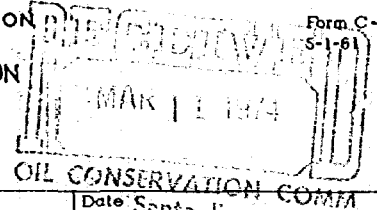
GOVERNMENT T NO. 1
CROSS-OVER ASSEMBLY DETAIL



BEFORE EXAMINER STARTS
OIL CONSERVATION COMMISSION
Cities EXHIBIT NO. 4
CASE NO. 5204
Submitted by MOTTER
Hearing Date 10 APR 74

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61



Case 5204

Operator Cities Service Oil Company		County Gallup	Date March 8, 1974
Address Box 4906 - Midland, Texas 79701		Lease Government T	Well No. 1
Location of Well	Unit C	Section 14	Township 20S
		Range 28E	

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X
2. If answer is yes, identify one such instance: Order No. _____; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<i>Wildcat</i> Undes. - Wolfcamp		Undes. - Russell Morrow
b. Top and Bottom of Pay Section (Perforations)	9,206' - 9,231'		11,106' - 11,365'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

- | | | |
|-------------------------------------|-------------------------------------|---|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Barber Oil Company, Inc. - 901 W. Pierce - Carlsbad, New Mexico 88220

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification **March 8, 1974**.

CERTIFICATE: I, the undersigned, state that I am the **Region Operation Manager** of the **Cities Service Oil Company** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

E. Spiller
Signature

DOCKET MAILED

Date **3-29-74**

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

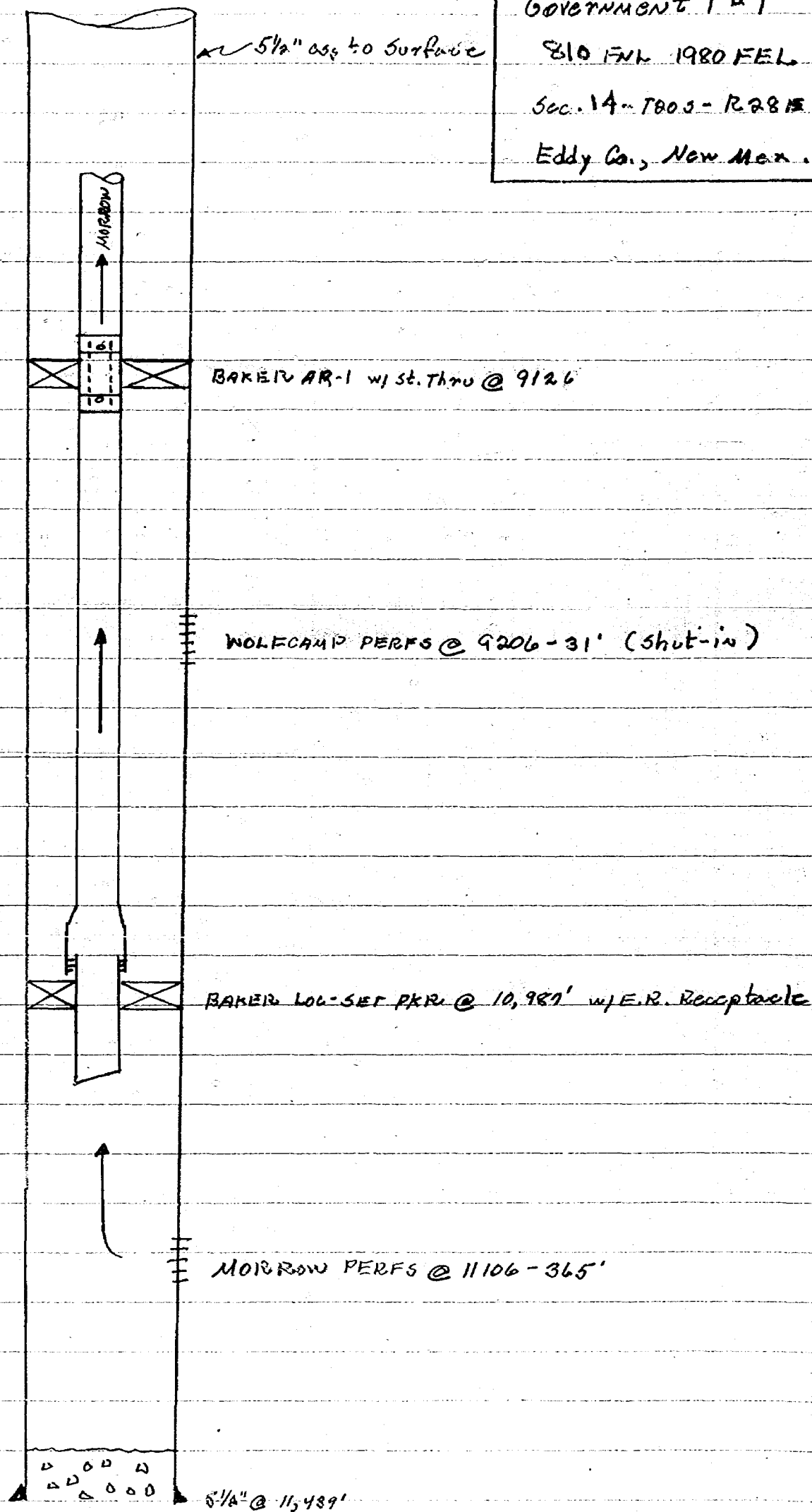
* Copies of the logs were mailed to the survey when they were run.

GOVERNMENT T#1

810 FNL 1980 FEL

SEC. 14 - T803 - R2815

Eddy Co., New Mex.



DRAFT

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 CITIES SERVICE OIL COMPANY
FOR

CASE No. 5204

Order No. R-4766

APPLICATION OF Cities Service Oil Company
FOR A DUAL COMPLETION, EDDY COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on
April 10, 1964, at Santa Fe, New Mexico, before Examiner
Richard L. Stamets.

NOW, on this day of April, 1964, 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, Cities Service Oil Company,
seeks authority to complete its Government T Well No. 1
Well No. 1, located in Unit C of Section 14, Township

20 South, Range 28 East, NMPM, Eddy County, New
~~North~~ ~~West~~

Mexico, as a dual completion (conventional) ~~xxxxxx~~
(combination) to produce gas
(tubingless)

from the Wolfcamp formation through the casing-
tubing annulus and thence, by means of a cross-
over assembly, through tubing to the surface,
and gas from the Morrow formation through
tubing and thence, by means of a crossover
assembly, through the casing-tubing annulus
to the surface, with separation of the zones achieved by
means of a packer set at approximately
10,987 feet.

(3) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

(4) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Cities Service Oil Company, is hereby authorized to complete its Government T Well No. 1 ~~Well No. XXXXXX~~, located in Unit C of Section 14, Township 20 ~~North~~ ^{South}, Range 28 East, NMPM, Eddy County, New Mexico, as a dual completion (conventional) ~~(combination)~~ ~~(hydraulic)~~ to produce gas ~~xxx~~

from the Wolfcamp formation through the casing tubing annulus and thence, by means of a crossover assembly, through tubing to the surface, and gas from the Morrow formation through tubing and thence, by means of a crossover assembly, through the casing tubing annulus to the surface, with separation of the zones achieved by means of a packer set at approximately 10,987 feet.

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PROVIDED FURTHER, that the applicant shall take packer-leakage

tests upon completion and annually thereafter during the Annual

Shut-in Pressure
~~Gas-Off Rate~~ Test Period for the gas wells in southeastern New Mexico.
Deliverability

(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.

END OF ROLL

122

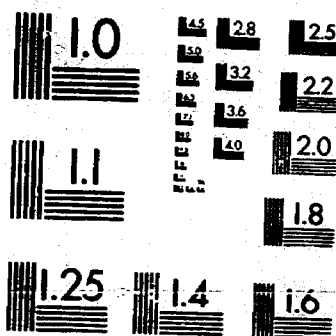
ROLL NUMBER

DOCUMENT TYPE CASE FILES - N. M. OIL CONSERV. DIV

DATE OF FILMING 8-22-85

CAMERA OPERATOR Dennis Rose

ENDING DOCUMENT CASE FILE # 5204



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS
STANDARD REFERENCE MATERIAL 1010a
(ANSI and ISO TEST CHART No. 2)

STATEMENT OF DOCUMENT CERTIFICATION

All microphotographics images of documents following this certificate are of authorized documents in the possession of this Agency. These documents are routinely microfilmed as a necessary operation in the generation of an inviolate document file.

R. David Ortiz
SUPERVISOR

STATE OF NEW MEXICO)
) SS.
COUNTY OF VALENCIA)

Sworn and Subscribed to me, A Notary Public,

This 1st day of December, 19 93

Lyndee Rogers
NOTARY PUBLIC

MY COMMISSION EXPIRES: 10-2-86

CERTIFICATE OF AUTHENTICITY

THIS IS TO CERTIFY that the microphotographs appearing on this Roll of Film are accurate and complete reproductions of the records of the, N.M. OIL CONSERVATION Div. as delivered in the regular course of business for Micro Filming.

Dennis Rose
CAMERA OPERATOR

STATEMENT OF DOCUMENT CERTIFICATION

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R. David Ortiz
SUPERVISOR

STATE OF NEW MEXICO)
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This 1st day of December, 19 93

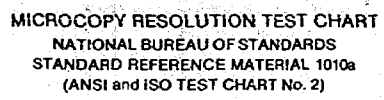
Stephen A. Brown
NOTARY PUBLIC

MY COMMISSION EXPIRES: 10-2-96

CERTIFICATE OF AUTHENTICITY

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Dennis Rose
CAMERA OPERATOR



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