

CASE 5248: Application of CITIES  
SERVICE FOR A DUAL COMPLETION,  
EDDY COUNTY, NEW MEXICO.

CASE No.

5248

Application,

Transcripts,

Small Exhibits

ETC.

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
May 22, 1974

EXAMINER HEARING

IN THE MATTER OF:

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

Case No. 5248

BEFORE: Richard L. Stamets, Examiner

For New Mexico Oil  
Conservation Commission:

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

For the Applicant:

W. Thomas Kellahin, Esq.  
KELLAHIN & FOX  
500 Don Gaspar  
Santa Fe, New Mexico

CASE 5248

Page.....2.....

I N D E X

PAGE

GEORGE DAVIS

Direct Examination by Mr. Tom Kellahin

Cross Examination by Mr. Stamets

3  
6

E X H I B I T S

Applicant's Exhibits Nos. 1 through 5

8

THE NYE REPORTING SERVICE  
STATE-WIDE DEPOSITION NOTARIES  
225 JOHNSON STREET  
SANTA FE, NEW MEXICO 87501  
TEL. (505) 982-0386

DAVIS-DIRECT

MR. STAMETS: Case 5248.

MR. CARR: Case 5248. Application of Cities Service Oil Company for a dual completion, Eddy County, New Mexico.

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

MR. STAMETS: Are there any other appearances in this case?

The witness will stand and be sworn, please.

GEORGE DAVIS

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 My name is George Davis. I am employed by Cities Service Oil Company, and I am a Region Petroleum Engineer.

Q Mr. Davis, have you previously testified before the Commission?

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A No, I have not.

Q Would you state briefly your educational background and your employment experience?

A I received a B.S. degree in Petroleum Engineering from the University of Oklahoma in 1962. From 1962 until 1965 I was employed as a petroleum engineer, more concerned with waterfloods in Kansas and from 1965 to '68, I worked as a petroleum engineer in Odessa, Texas, working primarily on P.S. Injection Projects. From 1968 to 1969, I worked as a reservoir engineer. From 1969 to 1972, as a District Engineer, working primarily with deep pipe pressure gas wells in Mississippi in the completion and drilling of those wells. From 1973 until the present, I have worked as a region petroleum engineer in Midland, Texas and charged with the responsibility of coordinating engineering of drilling, completion and production in the State of New Mexico.

Q Mr. Davis, have you made a study of the Strawn and Morrow gas production in Eddy County, New Mexico?

A Yes, I have.

Q Have you participated in other similar dual completions as the proposed Application?

A Yes, I have.

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Page.....5

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

A Yes, I am.

MR. TOM KELLAHIN: If the Examiner please, are the witness' qualifications acceptable.

MR. STAMETS: They are. There is one thing I wanted to note: Was all this experience with Cities Service or a variety of --

THE WITNESS: (Interrupting) With Cities Service Oil Company.

MR. STAMETS: Thank you.

BY MR. TOM KELLAHIN:

Q Would you please refer to what has been marked as Exhibit No. 1, identify it, and explain what Cities Service is seeking?

A Cities Service is seeking an Application to permit them to dually complete the Strawn and Morrow zones in the Tracy A No. 1 which is located in the north half of Section 33, Township 21 South, Range 27 East, Eddy County, New Mexico.

Q Please refer to what has been marked as Applicant's Exhibit No. 2 and identify it.

A Very briefly, the Morrow is perforated in the bottom of the well. The Morrow Zone is separated from the

DAVIS-DIRECT

Strawn by a permanent packer. The annulus is isolated from the Strawn with a compression-type packer. The flow is from the Morrow up through the tubing to the compression packer where the cross-over is set and the production is there crossed over into the casing tubing annulus where the Morrow gas is produced. The Strawn, in turn, is produced through the annulus up to the compression packer and at the packer is crossed over into the tubing and is produced to the service.

Q What if any tests have you run on the Strawn?

A We have run calculated absolute open flow on the Strawn. The well produced 3.2 million cubic feet per day on the high rate of the 4. test with a flowing tubing pressure at 3538 pounds, and with 5 barrels of distillate in 3 $\frac{1}{4}$  hours.

Q I am sorry, how much distillate?

A Five barrels.

The Morrow Zone on the 4. test flowed 4.4 million cubic feet per day on the high rate of the 4. test at 3020 pounds, and produced 3 barrels of distillate in four hours.

Q Please refer to what has been marked as Exhibit No. 3.

A Exhibit No. 3 is a <sup>Casing</sup> schematic showing



DAVIS-DIRECT

Page 7

the completion of the well in terms of where the casing is set and where the casing is cemented. The surface hole is cemented to the surface. The intermediate string is cemented to the surface. The 5½ inch production string at the top of the cement came back to 9213 feet. I believe that describes that.

Q Mr. Davis, please refer to Exhibit No. 4 and identify it.

A Exhibit No. 4 is a detail of the cross-over assembly that is located at the compression packer which illustrates the Strawn production entering a porta nipple just below the packer and flowing through the cross-over into the tubing, and the Morrow production entering the cross-over at the bottom of the packer and being crossed over into the tubing casing annulus.

Q Please refer to what has been marked as Exhibit 5 and identify it.

A This exhibit is a compensated neutron formation density log. It shows the top of the formation, not only those that we are primarily concerned with here, the Morrow and Strawn, but also other formation tops that we consider significant.

Q In your opinion, Mr. Davis, will this manner of

DAVIS-DIRECT

dual completion be consistent with sound engineering practices and insure the separation between the two producing horizons?

A Yes, it will.

Q In your opinion, will approval of this Application be in the best interest of conservation, prevention of waste and protection of correlative rights?

A I believe it will.

Q Were Exhibits 1 through 5 prepared by you or prepared under your direction and supervision?

A Yes, they were.

MR. TOM KELLAHIN: I move the introduction of Exhibits 1 through 5.

MR. STAMETS: Exhibits 1 through 5 will be admitted into evidence.

(Whereupon, Applicant's Exhibits Nos. 1, 2, 3, 4 and 5 were marked for identification and offered and admitted into evidence.)

MR. TOM KELLAHIN: That concludes our direct examination.

CROSS EXAMINATION

BY MR. STAMETS:

Q Mr. Davis, what you are seeking here is a typical

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dual completion order of the Commission with the appropriate provisions for packer leakage tests and so on?

A That is correct.

MR. STAMETS: Are there any other questions of this witness? You may be excused.

(Witness dismissed.)

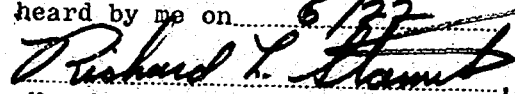
MR. STAMETS: Is there anything further in this case?

We will take the case under advisement.

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

I, RICHARD L. NYE, 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.

  
COURT REPORTER

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5248, heard by me on 6/27/74, 1974.  
  
Examiner  
New Mexico Oil Conservation Commission

THE NYE REPORTING SERVICE  
STATE-WIDE DEPOSITION NOTARIES  
225 JOHNSON STREET  
SANTA FE, NEW MEXICO 87501  
TEL. (505) 982-0385



# OIL CONSERVATION COMMISSION

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

**June 4, 1974**

**I. R. TRUJILLO**  
**CHAIRMAN**

**LAND COMMISSIONER  
ALEX J. ARMIJO  
MEMBER**

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

Mr. Tom Kellahin  
Kellahin & Fox  
Attorneys at Law  
Post Office Box 1769  
Santa Fe, New Mexico

Re: CASE NO. 5248  
ORDER NO. R-4802

**Applicant:**

**Cities Service Oil Company**

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. Porter, Jr.

A. L. PORTER, Jr.  
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC       x        
Artesia OCC       x        
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. 5248  
Order No. R-4802

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 May 22, 1974,  
at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 4th day of June, 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 Tracy "A" Com Well No. 1, located in  
Unit C of Section 33, Township 21 South, Range 27 East, NMPM,  
Eddy County, New Mexico, in such a manner as to produce gas from  
an undesignated Strawn gas pool and gas from an undesignated  
Morrow gas pool through tubing and the casing-tubing annulus,  
respectively, by means of a crossover assembly.

(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 Tracy "A" Com Well No. 1,  
located in Unit C of Section 33, Township 21 South, Range 27  
East, NMPM, Eddy County, New Mexico, as a dual completion  
(conventional) to produce gas from an undesignated Strawn gas  
pool and from an undesignated Morrow gas pool.

-2-

CASE NO. 5248  
Order No. R-4802

(2) That production from the Morrow formation shall be through 2 7/8-inch tubing set in a packer located at approximately 11,047 feet, above the Morrow perforations, and thence, by means of a crossover assembly, through the casing-tubing annulus to the surface. Production from the Strawn formation shall be through the casing-tubing annulus and thence, by means of a crossover assembly, through the 2 7/8-inch tubing to the surface. The crossover assembly shall be set in a packer located above the Wolfcamp perforations at approximately 10,084 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 the provisions of 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 Southeastern New Mexico.

(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



*I. R. Trujillo*  
I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member

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

S E A L

jr/

5248

OK Dual Completion  
and Strawn and Morrow  
Conventional, Cross over assembly



Dockets Nos. 15-74 and 16-74 are tentatively set for hearing on June 5 and June 19. Application for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - MAY 22, 1974

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

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

CASE 5206: (Continued from the April 25, 1974, Examiner Hearing)

Application of Continental Oil Company for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle West Warren-Blinbry and East Skaggs-Drinkard production in the wellbore of its SEMU Burger Well No. 21 located in Unit O of Section 19, Township 20 South, Range 38 East, Lea County, New Mexico.

CASE 5240: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Burwinkle and Scanlon and Husky Energy, Inc. and The Employers' Fire Insurance Company and all other interested parties to appear and show cause why the following wells located in Section 28, Township 20 North, Range 9 West, McKinley County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program:

Ohwell Wells Nos. 1, 2, 3, 5, 8, and 39 in Unit C; Ohwell Wells Nos. 9, 10, 11, 12, and 13 in Unit A; and Jaco State Well No. 104 in Unit G.

CASE 5241: Application of Depco, Inc. for an unorthodox gas well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks, as an exception to Order No. R-1670-H, approval for the unorthodox location of a well to be drilled 1325 feet from the North and East lines of Section 3, Township 15 South, Range 27 East, Buffalo-Pennsylvanian Gas Pool, Chaves County, New Mexico.

CASE 5242: Application of Penroc Oil Corporation for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Allied-Com Well No. 1 located in Unit B of Section 27, Township 20 South, Range 27 East, Eddy County, New Mexico, in such a manner as to produce undesignated Wolfcamp gas through the tubing and undesignated Morrow gas through the annulus by means of a cross-over assembly.

CASE 5243: Application of Continental Oil Company for special gas-oil ratio, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of a special gas-oil ratio limitation of 10,000 cubic feet of gas per barrel of oil for the Weir-Drinkard Oil Pool, Lea County, New Mexico.

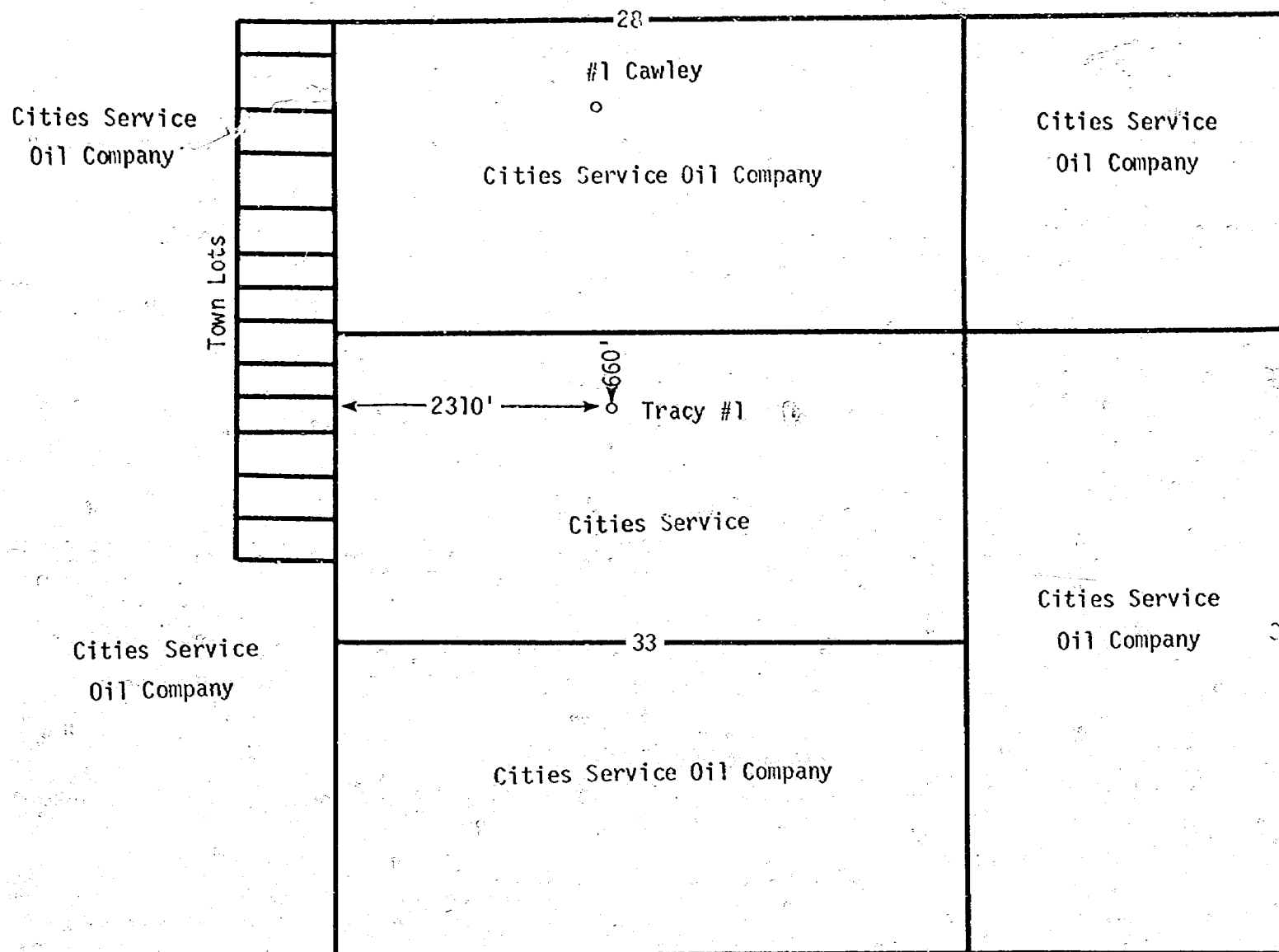
CASE 5248: Application of Cities Service Oil Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Tracy "A" Com Well No. 1 located in Unit C of Section 33, Township 21 South, Range 27 East, in such a manner as to produce undesignated Strawn gas through the tubing and undesignated Morrow gas through the annulus by means of a cross-over assembly.

CASE 5244: Application of El Paso Natural Gas Company for a dual completion, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the tubingless dual completion of its Hubbell Well No. 14 located in Unit G of Section 18, Township 29 North, Range 10 West, San Juan County, New Mexico, in such a manner as to produce Aztec-Fruitland and undesignated Chacra gas through parallel strings of 2 7/8-inch casing cemented in a common wellbore.

CASE 5245: Application of Texaco Inc. for a tubingless quadruple completion and downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the quadruple completion of its C. H. Weir "A" Well No. 8 located in Unit F of Section 12, Township 20 South, Range 37 East, Lea County, New Mexico, in such a manner as to produce Skaggs-Glorieta, East Weir-Blaine, East Weir-Tubb, and Skaggs-Drinkard production through three parallel strings of 2 7/8-inch casing cemented in a common wellbore with the East Weir-Blaine and the Skaggs-Drinkard production commingled and produced through a single string of casing.

CASE 5246: Application of Tenneco Oil Company for pressure maintenance expansion and dual completions, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks approval for the expansion of its South Hospah Lower Sand Pressure Maintenance Project, South Hospah Field, McKinley County, New Mexico, by the dual completion of its Hospah Well No. 41 located five feet from the North line and 1650 feet from the East line and its Hospah Well No. 56, located 1100 feet from the North line and 1275 feet from the East line, both in Section 12, Township 17 North, Range 9 West, to permit injection of water into the Lower Sand as well as the Upper Sand as presently authorized.

CASE 5247: Application of Champlin Petroleum Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Pecos Federal Well No. 1 located in Unit C of Section 1, Township 22 South, Range 27 East, Eddy County, New Mexico, in such a manner as to produce undesignated Strawn gas through the tubing and undesignated Morrow gas through the annulus by means of a cross-over assembly.



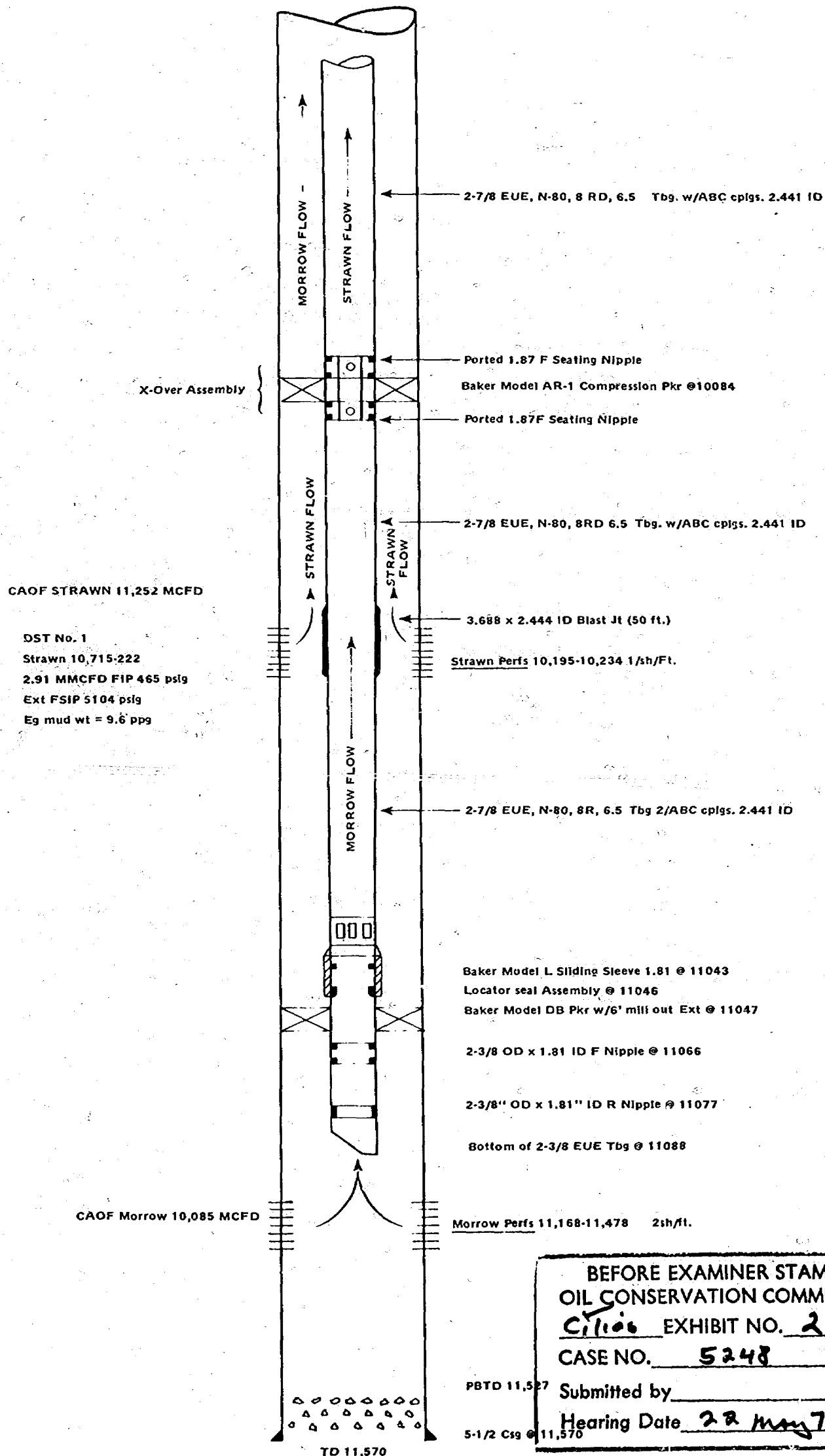
CITIES SERVICE OIL COMPANY  
SOUTHWESTERN REGION  
MIDLAND, TEXAS

CSO - TRACY NO. 1  
North 1/2 Section 33  
T21S - R27E  
Eddy Co., New Mexico  
Scale: 4" = 1 Mile

BEFORE EXAMINER STAMETS	
OIL CONSERVATION COMMISSION	
<u>Cities</u>	EXHIBIT NO. <u>1</u>
CASE NO.	<u>5248</u>
Submitted by	_____
Hearing Date	<u>22 May 74</u>

CITIES SERVICE OIL COMPANY  
 NO. 1 TRACY A COM.  
 660' FNL & 2310' FWL  
 SEC. 33-T21S-R27E  
 EDDY COUNTY, NEW MEXICO

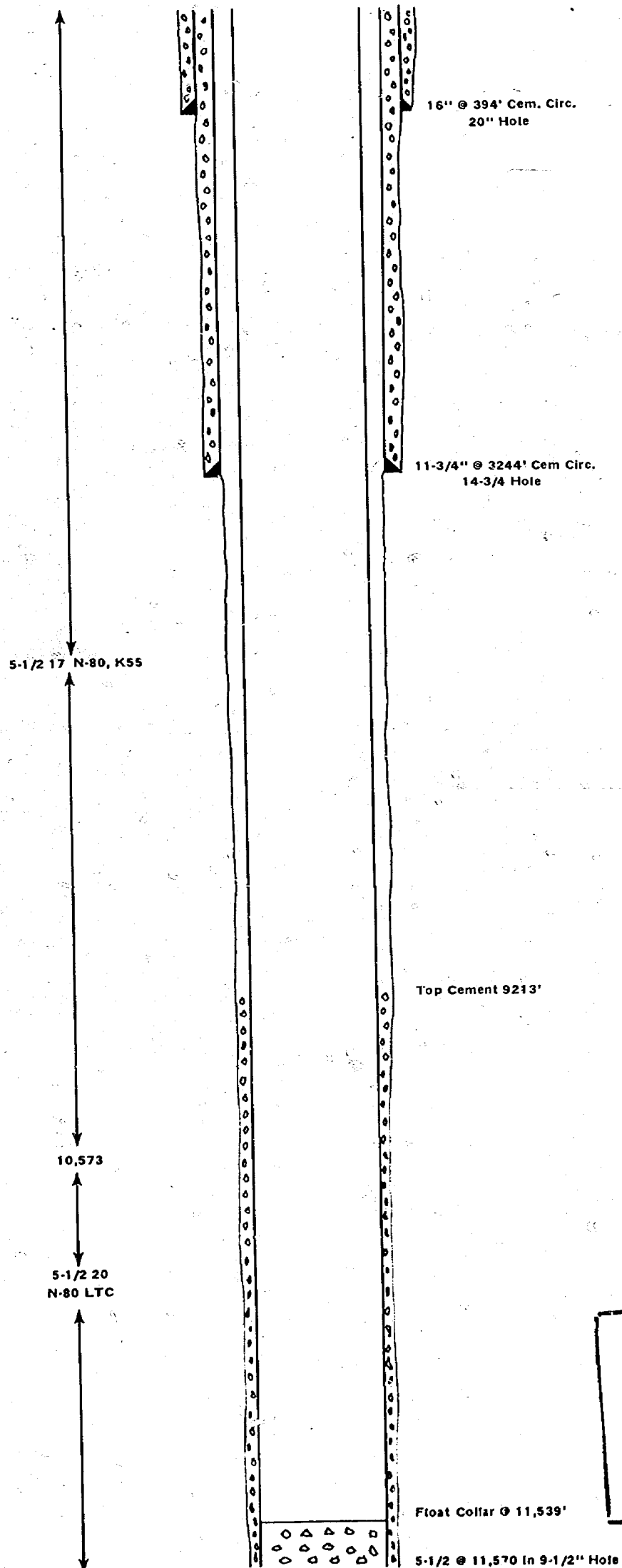
DOWN HOLE COMPLETION SCHEMATIC



BEFORE EXAMINER STAMETS  
 OIL CONSERVATION COMMISSION  
 Cities EXHIBIT NO. 2  
 CASE NO. 5248  
 Submitted by \_\_\_\_\_  
 Hearing Date 22 May 74

CITIES SERVICE OIL COMPANY  
NO. 1 TRACY A COM.  
660' FNL & 2310' FWL  
SEC. 33-T21S-R27E  
EDDY COUNTY, NEW MEXICO

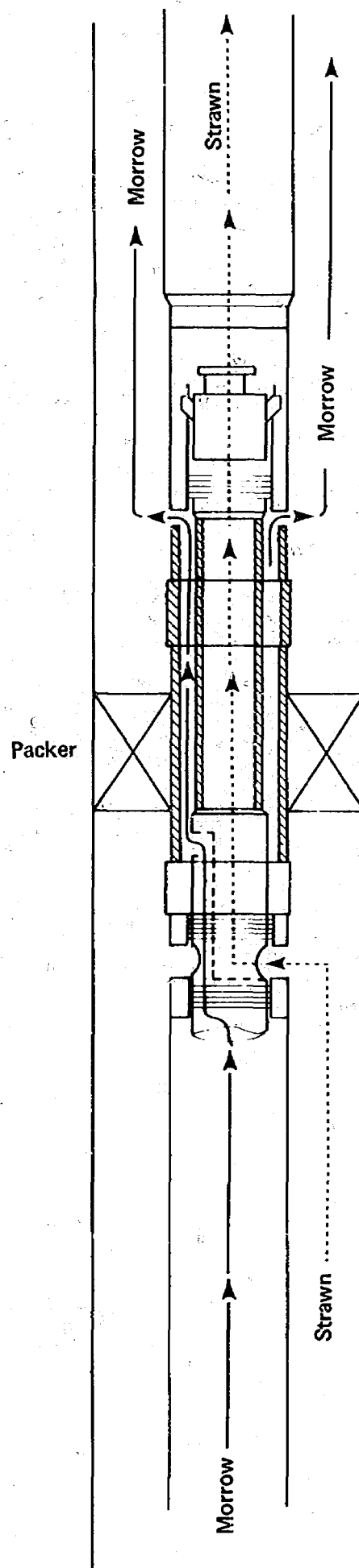
CASING SCHEMATIC



BEFORE EXAMINER STAMETS  
OIL CONSERVATION COMMISSION  
Cities EXHIBIT NO. 3  
CASE NO. 5248  
Submitted by \_\_\_\_\_  
Hearing Date 22 May 74

CITIES SERVICE OIL COMPANY  
NO. 1 TRACY A COM.  
660' FNL & 2310' FWL  
SEC. 33-T21S-R27E  
EDDY COUTNY, NEW MEXICO

CROSS-OVER ASSEMBLY DETAIL



BEFORE EXAMINER STAMETS  
OIL CONSERVATION COMMISSION

*Cities* EXHIBIT NO. 4

CASE NO. 5248

Submitted by \_\_\_\_\_

Hearing Date 22 May 74

## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

## APPLICATION FOR MULTIPLE COMPLETION RECEIVED

Form C-107  
5-1-61

APR 19 1974

Operator Cities Service Oil Company County Eddy Date April 18, 1974  
 Address Box 4906 - Midland, Texas 79701 Lease Tracy A Com. Well No. 1  
 Location of Well C Unit 33 Section 21S Township 27E

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	<u>Undes. Strawn</u>		<u>Undes. LaHuerta Morrow</u>
b. Top and Bottom of Pay Section (Perforations)	<u>10,195' - 10,234'</u>		<u>11,168' - 11,478'</u>
c. Type of production (Oil or Gas)	<u>Gas</u>		<u>Gas</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>		<u>Flowing</u>

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 checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input 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.

Cities Service Oil Company et al - Box 4906 - Midland, Texas 79701

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 \* \_\_\_\_\_.

CERTIFICATE: I, the undersigned, state that I am the Region Operation Manager of the Cities Service Oil Co. (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.

\* Cities Service Oil Company is the offset operator of this lease....

Date 5-9-74

E. J. Wilber  
Signature Wilber

\*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.

Cities Service Oil  
Company

29

Cities Service Oil Company

28

Cities Service Oil  
Company

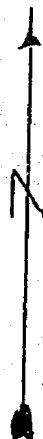
27

Cities Service Oil  
Company

Cities Service Oil  
Company

Cities Service Oil Company  
Tracy Lease  
320 acres

Cities Service Oil Company



32

5

33

4

34

3

Operator of Lease:  
Name of Lease:  
Well No.:  
Total Acres in Lease:  
Description of Property:  
  
County:  
Scale of Plat:

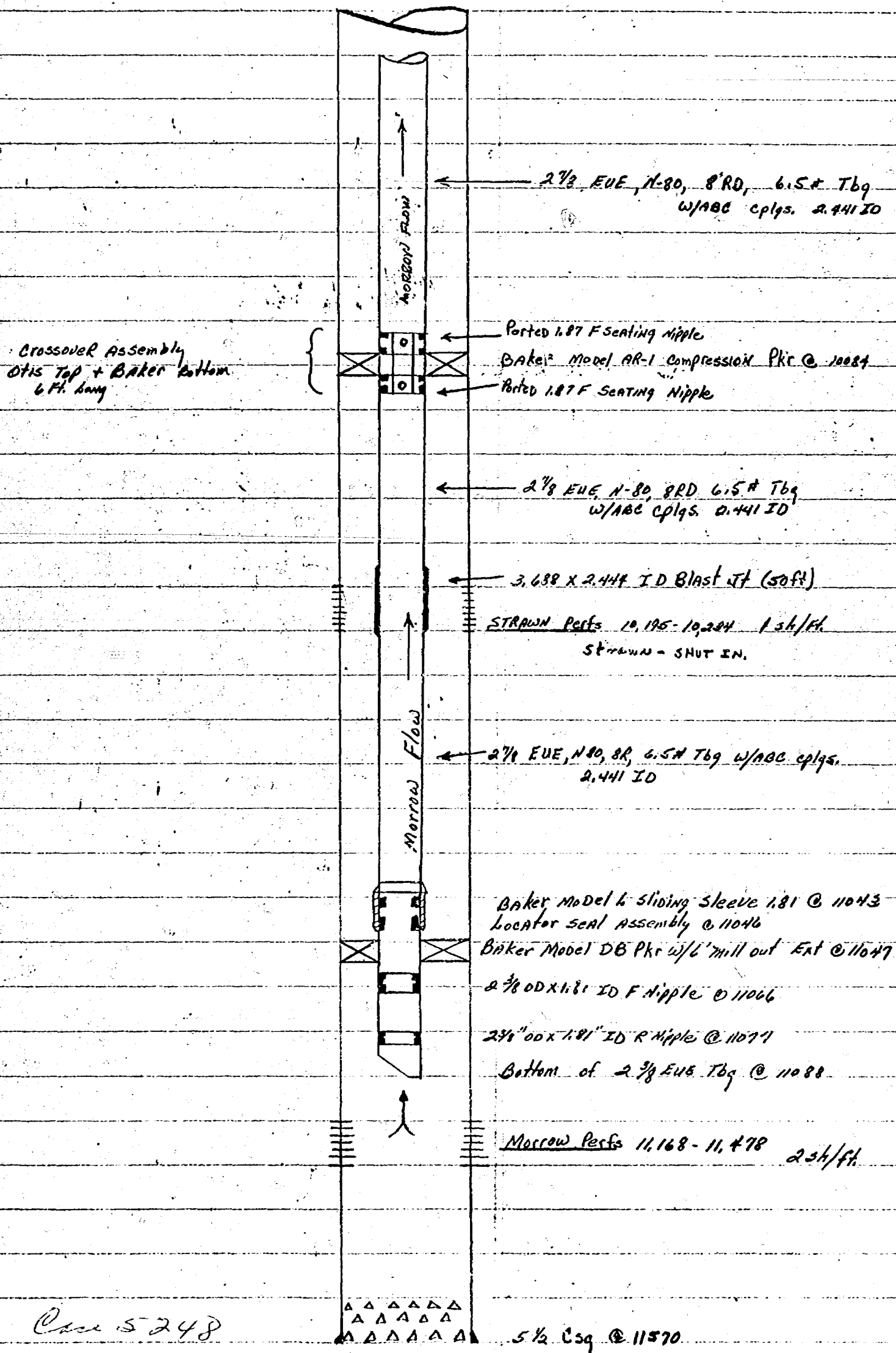
Cities Service Oil Company  
Tracy  
1  
320  
N/2 of Section 33, T-21S,  
Range 27E  
Eddy  
1" = 1000'

Case 5248



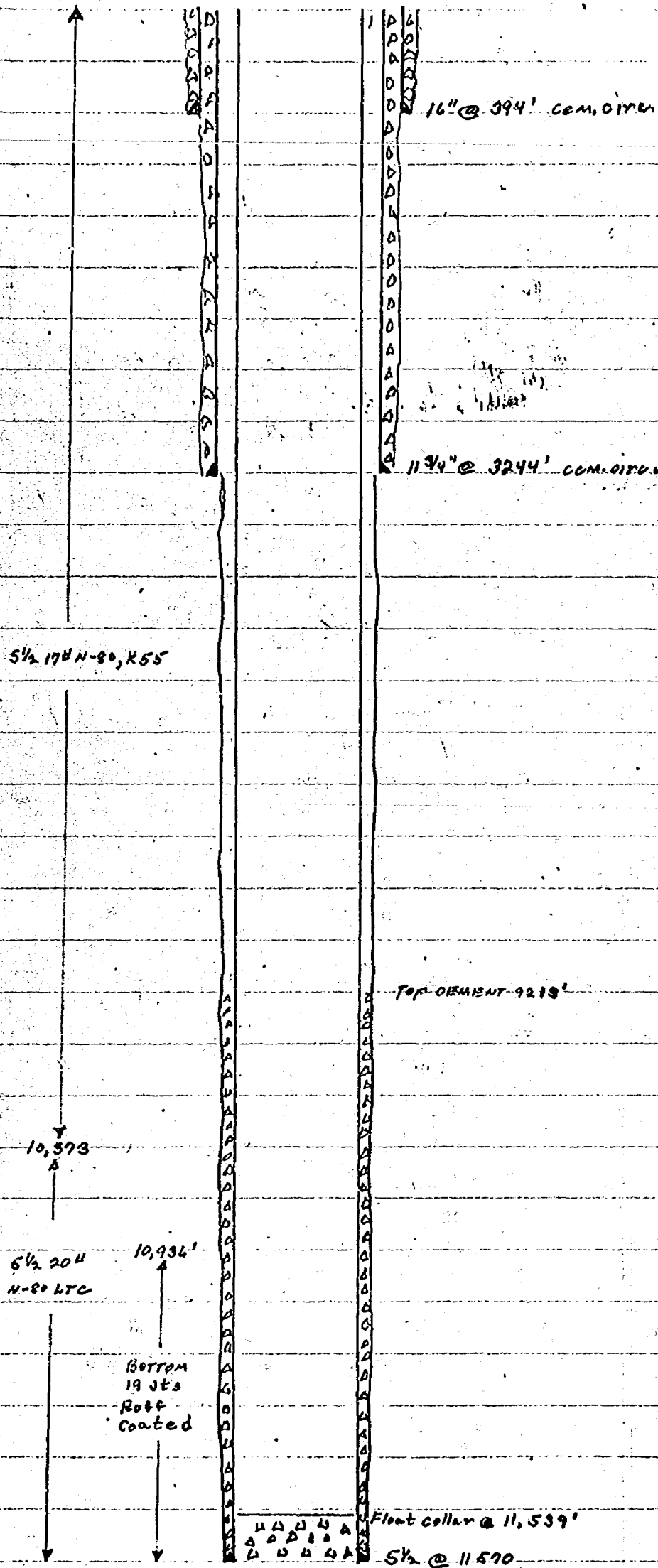
CITIES SERVICE OIL COMPANY  
 #1 TRACY A COM.  
 660' FNL & 2310' FWL  
 SEC. 33-T21S-R27E  
 EDDY COUNTY, NEW MEXICO

*Down Hole Completion Schematic*



Case 5248

CITIES SERVICE OIL COMPANY  
 #1 TRACY A COM.  
 660' FNL & 2310' FWL  
 SEC. 33-T21S-R27E  
 EDDY COUNTY, NEW MEXICO



1035 #1 SEENWN 10,715-222-  
 2191 MMOPD FIP 465 pc/s  
 EXT. F3 IIP 5104 pc/s  
 Eg. Aud. wb = 9.6 ppg

Case 5248

DRAFT

jr/

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. 5248

Order No. R- ~~4802~~

R-4802

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 May 22, 19 74,  
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NOW, on this        day of May, 19 74 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  
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(2) That the applicant, Cities Service Oil Company, seeks  
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Eddy County, New Mexico, in such a manner as to produce gas from  
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gas pool through tubing and the casing-tubing annulus, respectively,  
by means of a crossover assembly.

-2-

CASE NO. 5248

Order No. R-

(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 Tracy "A" Com Well No. 1, located in Unit C of Section 33, Township 21 South, Range 27 East, NMPM, Eddy County, New Mexico, as a dual completion <sup>(conventional)</sup> to produce gas from an undesignated Strawn gas pool and from an undesignated Morrow gas pool.

(2) That production from the Morrow formation shall be through 2 7/8-inch tubing set in a packer located at approximately 11047 feet, above the Morrow perforations, and thence, by means of a crossover assembly, through the casing-tubing annulus to the surface. Production from the Strawn formation shall be through the casing-tubing annulus and thence, by means of a crossover assembly, through the 2 7/8-inch tubing to the surface. The crossover assembly shall be set in a packer located above the Wolfcamp perforations at approximately 10084 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 the provisions of 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 Southeastern New Mexico.

(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.