

77  
CASE 6293: CITIES SERVICE COMPANY FOR  
A DUAL COMPLETION, EDDY COUNTY, NEW  
MEXICO

CASE NO.

6293

---

APPLICATION,  
TRANSCRIPTS,  
SMALL EXHIBITS,

ETC.



SALLY WALTON BOYD  
CERTIFIED SHORTHAND REPORTER  
730 Bishop's Lodge Road • P.O. Box 5011 888-3404  
Santa Fe, New Mexico 87501

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
State Land Office Building  
Santa Fe, New Mexico  
16 August 1978

EXAMINER HEARING

IN THE MATTER OF:

Application of Cities Service Com-  
pany for a completion, Eddy County,  
New Mexico.

CASE  
6293

BEFORE: RICHARD L. STAMETS

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation  
Division:

Lynn Teschendorf, Esq.  
Legal Counsel for the Division  
State Land Office Building  
Santa Fe, New Mexico 87501

For Cities Service Company:

W. Thomas Kellahin, Esq.  
KELLAHIN & FOX  
500 Don Gaspar  
Santa Fe, New Mexico 87501

I N D E X

E. J. MOTTER

Direct Examination by Mr. Kellahin

3

Cross Examination by Mr. Stamets

7

E X H I B I T S

Applicant Exhibit One, Plat

7

Applicant Exhibit Two, Schematic

7

SALLY WALTON BOYD  
CERTIFIED SHORTHAND REPORTER  
730 Bishop's Lodge Road • Phone (505) 988-3404  
Santa Fe, New Mexico 87501

1 MR. STAMETS: Call next Case 6293.

2 MS. TESCHENDORF: Case 6293. Application of  
3 Cities Service Company for a dual completion, Eddy County,  
4 New Mexico.

5 MR. KELLAHIN: Tom Kellahin, Kellahin and Fox,  
6 appearing on behalf of the applicant, and I have one wit-  
7 ness to be sworn.

8 MR. STAMETS: If you'll stand and be sworn,  
9 please.

10 (Witness sworn.)

11  
12 E. F. MOTTER

13 being called as a witness and having been duly sworn upon  
14 his oath, testified as follows, to-wit:

15  
16 DIRECT EXAMINATION

17 BY MR. KELLAHIN:

18 Q Would you please state your name, by whom  
19 you're employed, and in what capacity?

20 A E. F. Motter, M-O-T-T-E-R, Cities Service  
21 Company, engineering manager of the southwest region,  
22 located in Midland, Texas.

23 Q Mr. Motter, have you previously testified before  
24 the Division and had your qualifications as an expert petro-  
25 leum engineer accepted and made a matter of record?

1 A. Yes, numerous times.

2 Q. Have you made a study of and are you familiar  
3 with the facts surrounding this particular application?

4 A. Yes, I am.

5 MR. KELLAHIN: I tender the witness as an ex-

6 pert.

7 MR. STAMETS: The witness is considered quali-

8 fied.

9 Q. (Mr. Kellahin continuing.) Mr. Motter, would  
10 you refer to what we have marked as Exhibit Number One,  
11 identify it, and tell us what Cities Service is seeking to  
12 accomplish?

13 A. Yes. This is a plat indicating in Section 17  
14 the location of our Polk "A" No. 1, which is located 2310  
15 from the east line, 660 from the north line. We're seeking  
16 approval to dual complete this well as a gas-gas dual from  
17 the Morrow and Strawn formations.

18 Q. What acreage is going to be dedicated to the  
19 well?

20 A. The north half of Section 17, 320 acres will  
21 be dedicated to the Polk well, and all this has been pre-  
22 viously filed with the Commission.

23 Q. Please refer to Exhibit Number Two and identify  
24 it.

25 A. This is our schematic of the dual completion in

SALLY WALTON BOYD  
CERTIFIED SHORTHAND REPORTER  
730 Bishop's Lodge Road • Phone (505) 988-3404  
Santa Fe, New Mexico 87501

SALLY WALTON BOYD  
CERTIFIED SHORTHAND REPORTER  
730 Bishop's Lodge Road • Phone (505) 988-3404  
Santa Fe, New Mexico 87501

1 the Polk "A" No. 1, but before going into that in detail,  
2 I might comment that we originally planned to drill this  
3 well and test the Morrow. Our application to the Commission  
4 indicated we'd use 5-1/2 casing to TD.

5 In the previous case there was reference to  
6 a Delta well which blew out about the time we got ready  
7 to -- were drilling this well, and we felt it necessary to  
8 change that casing program, so we did file and received  
9 permission to set 7-inch casing before we went into the  
10 Atoka formation and use a liner from there on down, and  
11 it proved a very wise thing to do. We had to go to elevated  
12 mud weights.

13 But anyway, this is our hookup. We are perfor-  
14 ated in the Strawn from 11,152 to 11,158, and we're also  
15 perforated in the Morrow.

16 Now, we have tested the Morrow zone but this  
17 is the present completion from 12,076 to 80 and 12,144 to  
18 50.

19 On top of the Morrow we have a Baker Lok-Set  
20 Packer set at 12,023. We have completed the Morrow with  
21 2-3/8ths inch N-80 tubing, turndown collars, and the packer,  
22 the dual packer, then, is set at 10,563 and we have the  
23 Strawn tubing as 2-3/8ths N-80, turndown collars. These --  
24 we do have a blast joint, of course, on the Morrow string  
25 off the Strawn perforations.



1           These zones were both tested and it's indicated  
2           there. The test rates -- these were very short tests since  
3           we did not have a hookup to a sales gas line at the time.  
4           We had -- or did run a bottom hole pressure on the Strawn  
5           while testing and we allowed it to be build-up for awhile  
6           and was 6863. We will run a bottom hole pressure soon on  
7           the Morrow.

8           Q       Did you have any shut-in surface pressures on  
9           either zone?

10          A       Yes, just going into that. The -- after  
11          testing the zones, the surface pressures were as follows:  
12          The Morrow was 4100 at the surface; the Strawn, 5500, and  
13          the casing annulus was 500 pounds.

14          We did test those zones independent of each  
15          other and in both cases the pressure on the Morrow would  
16          stay at 4100 while pulling down the Strawn, and vice versa.  
17          When we were testing the Morrow the Strawn stayed at 5500.  
18          We did have some problems in getting a good seal. We had  
19          to pull the tubing out of the hole a couple times, but we  
20          feel well satisfied and we've tested it thoroughly, and  
21          this has all been filed with the Commission, and we do have  
22          adequate protection between both zones at this time.

23          I might further say that we made initial sale  
24          of gas to El Paso on this past Monday, 8-13-78, from the  
25          Strawn, and of course, we will start delivery from the

SALLY WALTON BOYD  
CERTIFIED SHORTHAND REPORTER  
730 Bishop's Lodge Road • Phone (505) 988-3404  
Santa Fe, New Mexico 87501

Page 7

1 MORROW upon, hopefully, receiving approval from the Com-  
2 mission.

3 Q Were Exhibits One and Two prepared by you  
4 directly or compiled under your direction and supervision?

5 A Under my supervision.

6 Q In your opinion, Mr. Motter, will approval of  
7 this application be in the best interests of conservation,  
8 the prevention of waste, and the protection of correlative  
9 rights?

10 A Yes, I certainly do.

11 Q In your opinion the packers used to segregate  
12 the Morrow and the Strawn zones are effectively --- will  
13 effectively protect communication between the two zones?

14 A I think we've already proved that, yes.

15 MR. KELLAHIN: That concludes my examination of  
16 Mr. Motter. We tender our exhibits.

17 MR. STAMETS: These exhibits will be admitted.  
18

19 CROSS EXAMINATION

20 BY MR. STAMETS:

21 Q Mr. Motter, you indicated that you were glad  
22 you set this extra string of pipe. Is the 6800 pounds  
23 pressure that you encountered in the Strawn the excess  
24 pressure that you were referring to?

25 A Yes. We originally had planned on drilling

1 this down with normal mud we use in this area, about 10-1/2  
2 pounds, and we had to go to 13 pounds mud to control the  
3 Strawn and we did drill for a little bit with back pressure  
4 on the surface. So we think it was a very wise move and  
5 it did give us protection of the upper zones, so we'd go  
6 to the heavier muds without any breakdown of formation.

7 Q Well, I wish there was some kind of a medal or  
8 public display that we could give you on this. So many  
9 times we see the opposite. Operators cutting corners and  
10 not advising us that they are doing that. This is certainly  
11 refreshing to see somebody trying to do it right for a  
12 change, and I want you to know I personally appreciate it.

13 A Well, thank you. I think that we ourselves are  
14 self-satisfied in that we would have had lots of problems  
15 had we tried to worry this thing on down, and probably  
16 saved a lot of money.

17 MR. STAMETS: Any other questions of the wit-  
18 ness? He may be excused.

19 Anything further in this case? Take the case  
20 under advisement.

21 (Hearing concluded.)  
22  
23  
24  
25

SALLY WALTON BOYD  
CERTIFIED SHORTHAND REPORTER  
730 Bishop's Lodge Road • Phone (505) 988-3404  
Santa Fe, New Mexico 87501

REPORTER'S CERTIFICATE

I, SALLY WALTON BOYD, a Court Reporter, DO HEREBY  
 CERTIFY that the foregoing and attached Transcript of  
 Hearing before the Oil Conservation Division was reported  
 by me; that the said transcript is a full, true, and correct  
 record of the hearing, prepared by me to the best of my  
 ability, knowledge, and skill, from my notes taken at the  
 time of the hearing.

*Sally Walton Boyd CSR*  
 Sally Walton Boyd, C.S.R.

I do hereby certify that the foregoing is  
 a complete record of the proceedings in  
 the Examiner hearing of Case No. 6293  
 heard by me on 8-16, 1978.  
*Richard R. Stumm*, Examiner  
 New Mexico Oil Conservation Commission

SALLY WALTON BOYD  
 CERTIFIED SHORTHAND REPORTER  
 730 Bishop's Lodge Road • Phone (505) 988-3404  
 Santa Fe, New Mexico 87501



**JERRY APODACA**  
**GOVERNOR**

NICK FRANKLIN  
SECRETARY

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

August 25, 1978

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

Re: CASE NO. 6293  
ORDER NO. R-5787

Applicant:

Cities Service Company

Dear Sir:

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

Yours very truly,

JOE D. RAMEY  
Director

JDR/Ed

Copy of order also sent to:

Hobbs OCC	x
Artesia OCC	x
Aztec OCC	

**Other**

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 6293  
Order No. R-5787

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

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 o'clock a.m. on August 16, 1978, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 25th day of August, 1978, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Cities Service Company, seeks authority to complete its Polk "A" Well No. 1, located in Unit B of Section 17, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico, as a dual completion (conventional) to produce gas from the Strawn and Morrow formations through parallel strings of tubing.

(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 Company, is

-2-

Case No. 6293  
Order No. R-5787

hereby authorized to complete its Polk "A" Well No. 1, located in Unit B of Section 17, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico, as a dual completion (conventional) to produce gas from the Strawn and Morrow formations through parallel strings of 2 3/8-inch tubing with separation of the zones by means of a packer set at approximately 12,023 feet.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Division 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 located in Southeast New Mexico.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

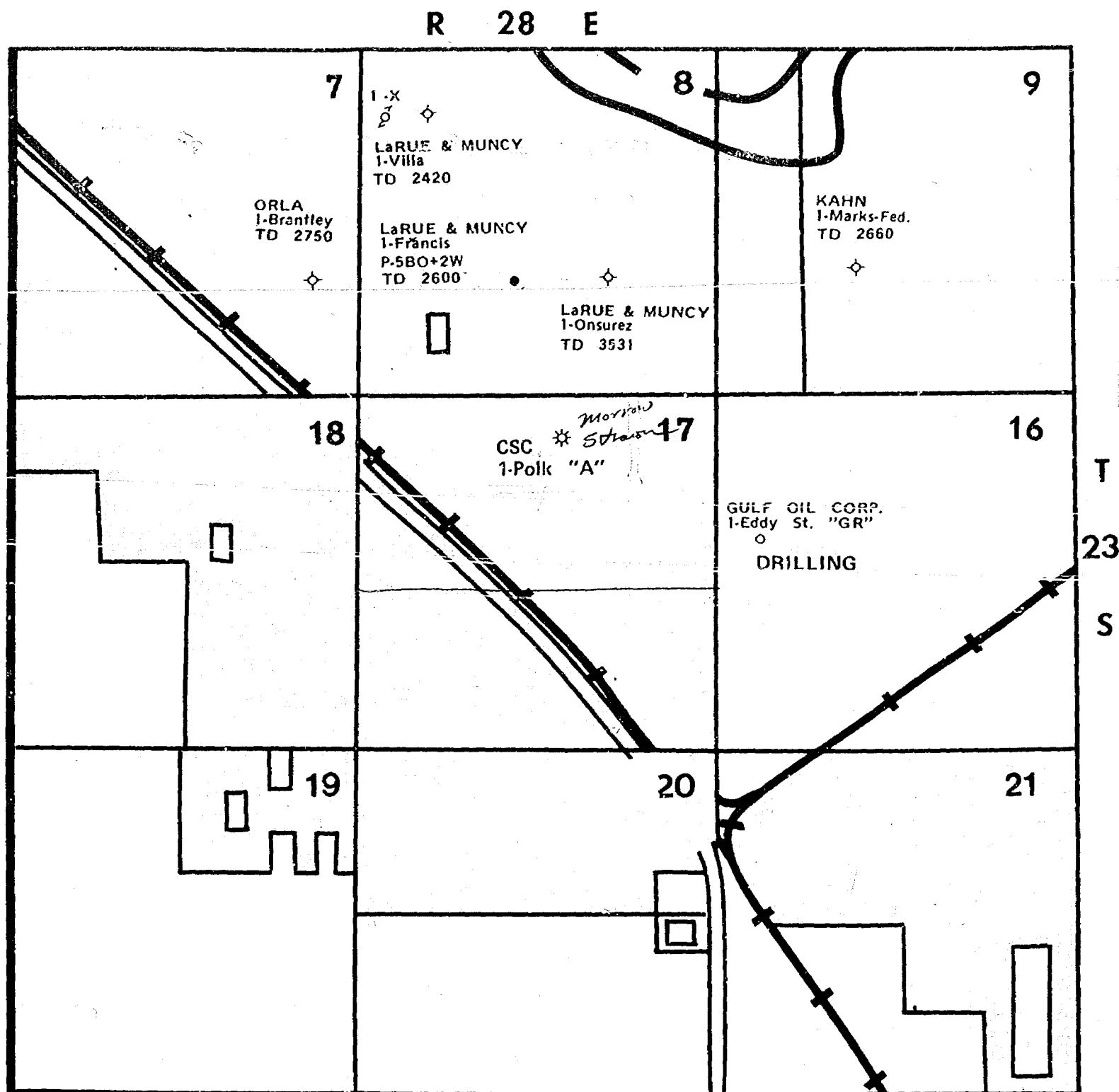
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



*Joe D. Ramey*  
JOE D. RAMEY,  
Director

dr/



BEFORE EXAMINER STATEMENTS  
OIL CONSERVATION COMMISSION

Civies EXHIBIT NO. 1

CASE NO. 6293

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

Hearing Date \_\_\_\_\_

CSO-1-POLK 'A'

660 FNL, 2310 FEL

SEC. 17, T 23 S, R 28 E

EDDY CO., NEW MEXICO

SCALE 1" = 2000'



# DOWN HOLE DUAL COMPLETION SCHEMATIC

CITIES SERVICE CO.  
Polk-A No. 1  
Dual Completion  
660' FNL & 2310' FWL  
SEC. 17, T 23 S, R 29 E  
EDDY COUNTY, NEW MEXICO

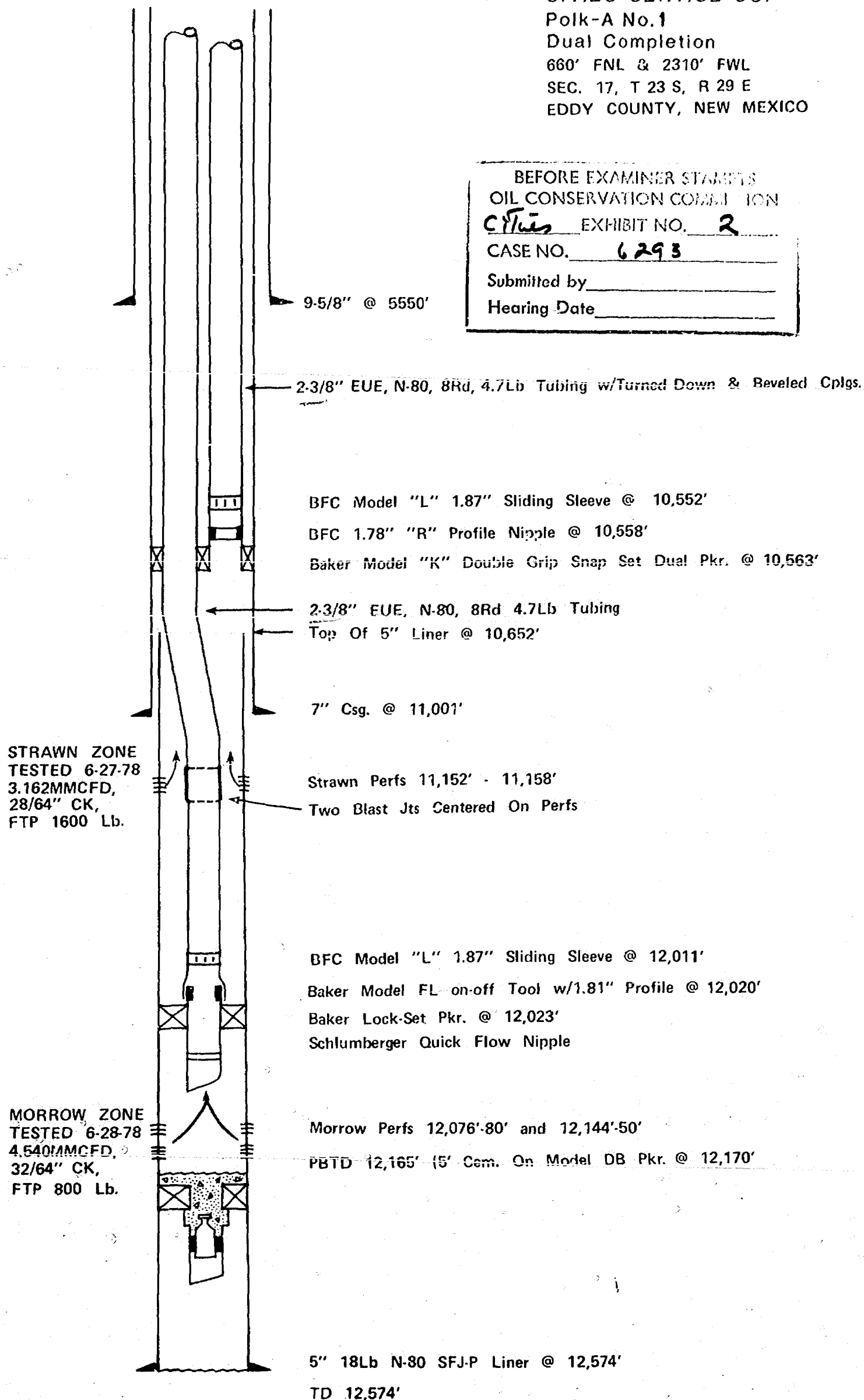
BEFORE EXAMINER STARTS  
OIL CONSERVATION COMMISSION

*Cities* EXHIBIT NO. 2

CASE NO. 6293

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

Hearing Date \_\_\_\_\_



Dockets Nos. 28-78 and 29-78 are tentatively set for hearing on August 30 and September 13, 1978. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - AUGUST 16, 1978

9 A.M. - OIL CONSERVATION DIVISION 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 for September, 1978, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.
- (2) Consideration of the allowable production of gas for September, 1978, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 6290: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit R. A. Crane, Jr., Great American Insurance Co., and all other interested parties to appear and show cause why the Donella Well No. 1 located in Unit P of Section 3, Township 29 North, Range 15 West, San Juan County, New Mexico, should not be plugged and abandoned in accordance with a Division-approved plugging program.
- CASE 6291: Application of Mesa Petroleum Co. for a triple completion, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the triple completion (conventional) of its State Com S Well No. 15A located in Unit D of Section 36, Township 32 North, Range 12 West, San Juan County, New Mexico, to produce gas from an undesignated Fruitland pool, the Blanco-Pictured Cliffs Pool, and the Blanco Mesaverde Pool thru two strings of tubing and the casing-tubing annulus.
- CASE 6292: Application of Amoco Production Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Teledyne Federal Gas Com. Well No. 1 to be drilled 660 feet from the South line and 330 feet from the East line of Section 4, Township 23 South, Range 29 East, Eddy County, New Mexico, the E/2 of said Section 4 to be dedicated to the well.
- CASE 6293: Application of Cities Service Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Polk "A" Well No. 1 located in Unit B of Section 17, Township 23 South, Range 28 East, Eddy County, New Mexico, to produce gas from the Strawn and Morrow formations thru parallel strings of tubing.
- CASE 6279: (Continued from August 2, 1978, Examiner Hearing)
- Application of Hanagan Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Morrow formation underlying the N/2 of Section 28, Township 21 South, Range 26 East, Avalon Hills-Morrow Pool, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.
- CASE 6288: (Continued from August 2, 1978, Examiner Hearing)
- Application of Dorchester Exploration, Inc., for pool creation and special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order creating a new oil pool in the Strawn formation for its Wilson State Com Well No. 1 located in Unit I of Section 13, Township 21 South, Range 34 East, Lea County, New Mexico, and for promulgation of special pool rules, including provision for 160-acre spacing;
- in the alternative, applicant seeks approval of 80-acre spacing for said pool. (This case will be dismissed.)
- CASE 6294: Application of El Paso Natural Gas Company for an exception to Rule 2(A) of Order No. R-1670, as amended, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 2(A) of Order No. R-1670, as amended, for the Blanco Mesaverde Pool to approve the unorthodox location of its EPNG "B" Well No. 1, located in Unit O of Section 28, Township 32 North, Range 6 West, San Juan County, New Mexico, as an off-pattern well in said pool.
- CASE 6286: (Continued from August 2, 1978, Examiner Hearing)
- Application of El Paso Natural Gas Company for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle Blanco Mesaverde and Basin-Dakota gas production in the wellbore of its EPNG "B" Well No. 1 located in Unit O of Section 28, Township 32 North, Range 6 West, San Juan County, New Mexico.

JASON W. KELLAHIN  
ROBERT E. FOX  
W. THOMAS KELLAHIN  
KAREN AUBREY

JUL 23 1978  
KELLAHIN and FOX  
ATTORNEYS AT LAW  
P. O. BOX 1769  
SANTA FE, NEW MEXICO 87501

TELEPHONE 982-4318  
AREA CODE 505

July 25, 1978

Mr. Joe Ramey  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Cities Service Company

Dear Joe:

Please set the enclosed application for hearing on  
August 16, 1978.

Very truly yours,

*W. Thomas Kellahin*  
W. Thomas Kellahin

CC: Mr. Charles Mitchell  
Mr. Gene Motter

WTK:kfm

Enclosure

BEFORE THE OIL CONSERVATION DIVISION  
STATE OF NEW MEXICO

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

Case 6293

A P P L I C A T I O N

Comes now Cities Service Oil Company and applies to the Oil Conservation Division of the State of New Mexico for approval of the dual completion of its Polk "A" No. 1 well located in Unit B, Section 17, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico and in support thereof would show the Division:

1. The above described well is located in an undesignated Strawn and Morrow pool and is more than one mile from wells dually completed in the same zones.
2. Applicant proposed to complete the well as a dually completed well with the Morrow and Strawn production each being produced through a tubing string.
3. The Strawn gas zone is located at 11,152 - 11,158 feet and the Morrow gas zone is located at 12,076 - 12,150 feet.

WHEREFORE Applicant prays that this application be set for hearing at the next available Examiner hearing of the Division and that after notice and hearing as required by law, the Commission authorize the dual completion as requested.

Respectfully submitted.

CITIES SERVICE OIL COMPANY

By James K. Kellah  
KELLAH & FOX  
P. O. Box 1769  
Santa Fe, New Mexico 87501  
Attorneys for Applicant

JUL 20 1970

BEFORE THE OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

Case 6293

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

A P P L I C A T I O N

Comes now Cities Service Oil Company and applies to the Oil Conservation Division of the State of New Mexico for approval of the dual completion of its Polk "A" No. 1 well located in Unit B, Section 17, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico and in support thereof would show the Division:

1. The above described well is located in an undesignated Strawn and Morrow pool and is more than one mile from wells dually completed in the same zones.

2. Applicant proposed to complete the well as a dually completed well with the Morrow and Strawn production each being produced through a tubing string.

3. The Strawn gas zone is located at 11,152 - 11,158 feet and the Morrow gas zone is located at 12,076 - 12,150 feet.

WHEREFORE Applicant prays that this application be set for hearing at the next available Examiner hearing of the Division and that after notice and hearing as required by law, the Commission authorize the dual completion as requested.

Respectfully submitted.

CITIES SERVICE OIL COMPANY

By Jason Kellahin  
KELLAHAN & FOX  
P. O. Box 1769  
Santa Fe, New Mexico 87501  
Attorneys for Applicant

JUL 20 1971

BEFORE THE OIL CONSERVATION DIVISION  
STATE OF NEW MEXICO

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

Case 6293

A P P L I C A T I O N

Comes now Cities Service Oil Company and applies to the Oil Conservation Division of the State of New Mexico for approval of the dual completion of its Polk "A" No. 1 well located in Unit B, Section 17, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico and in support thereof would show the Division:

1. The above described well is located in an undesignated Strawn and Morrow pool and is more than one mile from wells dually completed in the same zones.

2. Applicant proposed to complete the well as a dually completed well with the Morrow and Strawn production each being produced through a tubing string.

3. The Strawn gas zone is located at 11,152 - 11,158 feet and the Morrow gas zone is located at 12,076 - 12,150 feet.

WHEREFORE Applicant prays that this application be set for hearing at the next available Examiner hearing of the Division and that after notice and hearing as required by law, the Commission authorize the dual completion as requested.

Respectfully submitted.

CITIES SERVICE OIL COMPANY

By James Kellahin  
KELLAHIN & FOX  
P. O. Box 1769  
Santa Fe, New Mexico 87501  
Attorneys for Applicant

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

JUL 17 1978

Form C-107  
5-1-61

Operator Cities Service Company		County Eddy	Date July 12, 1978
Address P.O. Box 1919 Midland, TX 79702		Lease Polk "A" Com	Well No. 1
Location of Well Unit B	Section 17	Township 23S	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 NO
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	Undes. - Strawn		Undes. - Morrow
b. Top and Bottom of Pay Section (Perforations)	11152-11158		12076-12150
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 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 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.

Gulf Oil Company. P.O. Box 1150, Midland, TX 79702

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 7-12-78.

CERTIFICATE: I, the undersigned, state that I am the Region Opr. Manager of the Cities Service 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.

Spencer Wilder  
Signature

\*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 proration 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 Commission when they were run.

Set for hearing  
on Aug 16

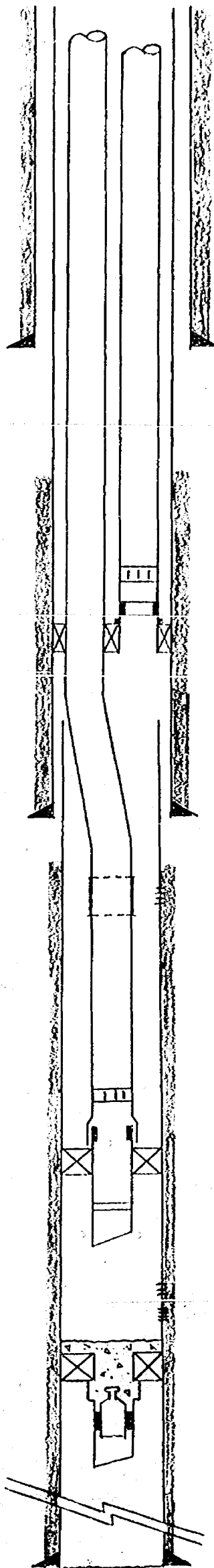
CITIES SERVICE CO.

Folk-A-Noa

Dual

Completion  
JUL 18 1978

IL CONSERVATION COMM.  
Santa Fe



9  $\frac{5}{8}$  @ 5550'

T.O.C. @ 7600'

BFC Model "L" 1.87" Sliding Sleeve

BFC 1.78" "R" Profile Nipple

Baker Model "K" Double Grip Snap Set Dual Pkr.

7" Csg. @ 11,001'

T.O.C. @ 11,114'

Strawn Perf's 11,152'-11,158'

Two Blast Jt's Centered on Perf's

BFC Model "L" 1.87" Sliding Sleeve

Baker Model FL on-off Tool w/1.81" Profile

Baker Lock-Set Pkr. @ 12,023'

Schlumberger Quick Flow Nipple

Morrow Perf's 12,076'-80' and 12,144'-50'

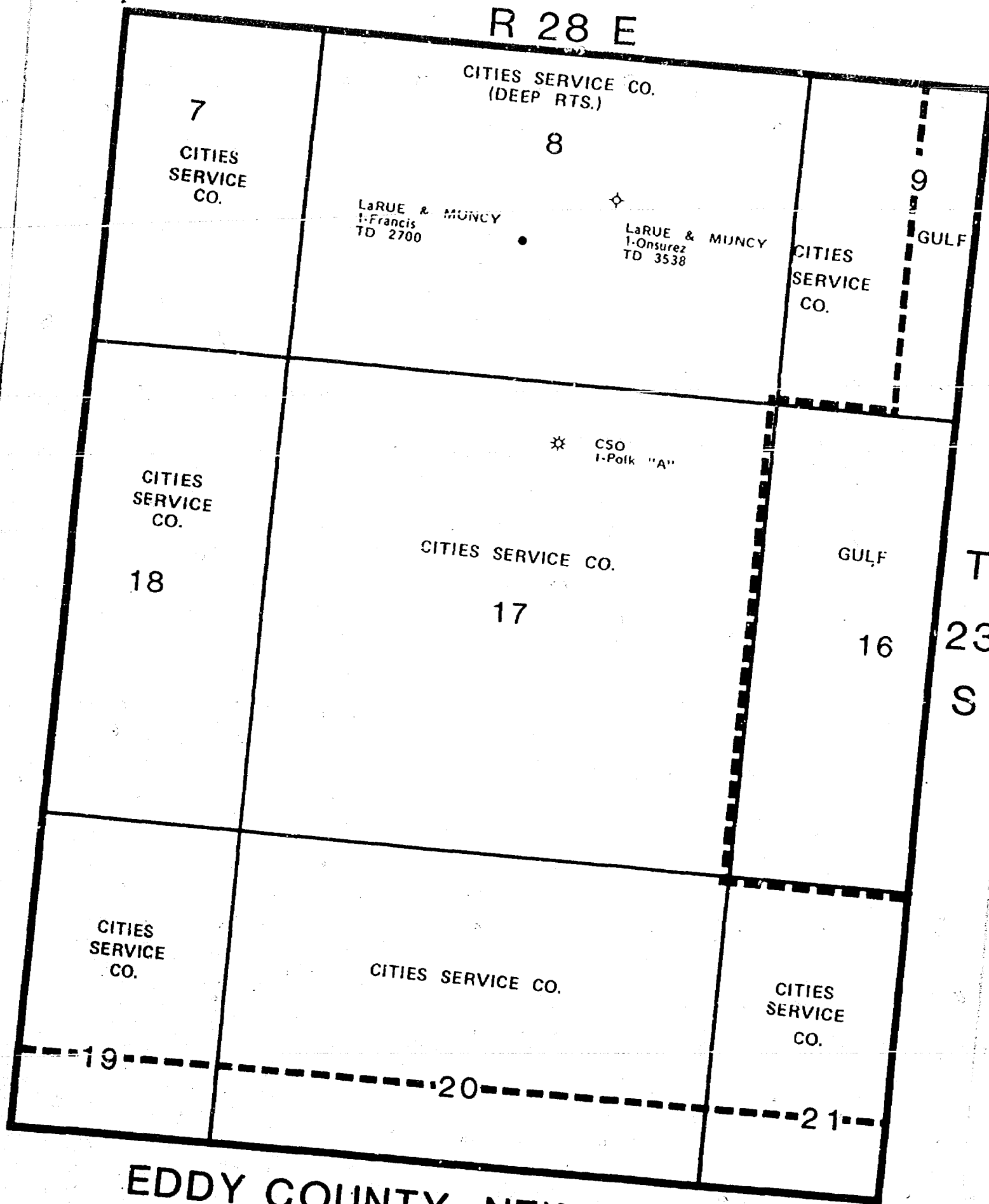
PBTD 12,165' (5' Cem. on Model DB Pkr. @ 12,170)

5" 18# N-80 SFJ-P Liner @ 12,574'

TD 12,574'



R 28 E



EDDY COUNTY, NEW MEXICO  
SCALE: 4" 1 MILE

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

JUL 17 1978

CONSERVATION COMM.  
Santa Fe

Operator <b>Cities Service Company</b>		County <b>Eddy</b>	Date <b>July 12, 1978</b>
Address <b>P.O. Box 1919 Midland, TX 79702</b>		Lease <b>Polk "A" Com</b>	Well No. <b>1</b>
Location of Well <b>B</b>	Unit <b>17</b>	Township <b>23S</b>	Range <b>28E</b>

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 NO
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	Undes. - Strawn		Undes. - Morrow
b. Top and Bottom of Pay Section (Perforations)	11152-11158		12076-12150
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)

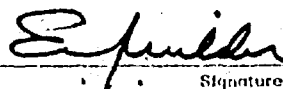
- |                                     |                                     |   |
|-------------------------------------|-------------------------------------|---|
| Yes                                 | No                                  |   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 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 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 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.

Gulf Oil Company. P.O. Box 1150, Midland, TX 79702

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 7-12-78.

CERTIFICATE: I, the undersigned, state that I am the Region Opr. Manager of the Cities Service 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.

  
Signature

\*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 Commission when they were run.

CITILS SERVICE CO.

Folk A No. 1

Dual Comp. 1171878

CONSERVATION COMM.  
Santa Fe

9 <sup>5</sup>/<sub>8</sub> @ 5550'

T.O.C. @ 7800'

BFC Model "L" 1.87" Sliding Sleeve

BFC 1.78" "R" Profile Nipple

Baker Model "K" Double Grip Snap Set Dual Pkr.

7" Csg. @ 11,001'

T.O.C. @ 11,114'

Strawn Perf's 11,152'-11,158'

Two Blast Jt's Centered on Perf's

BFC Model "L" 1.87" Sliding Sleeve

Baker Model FL on-off Tool w/1.81" Profile

Baker Lock-Set Pkr. @ 12,023'

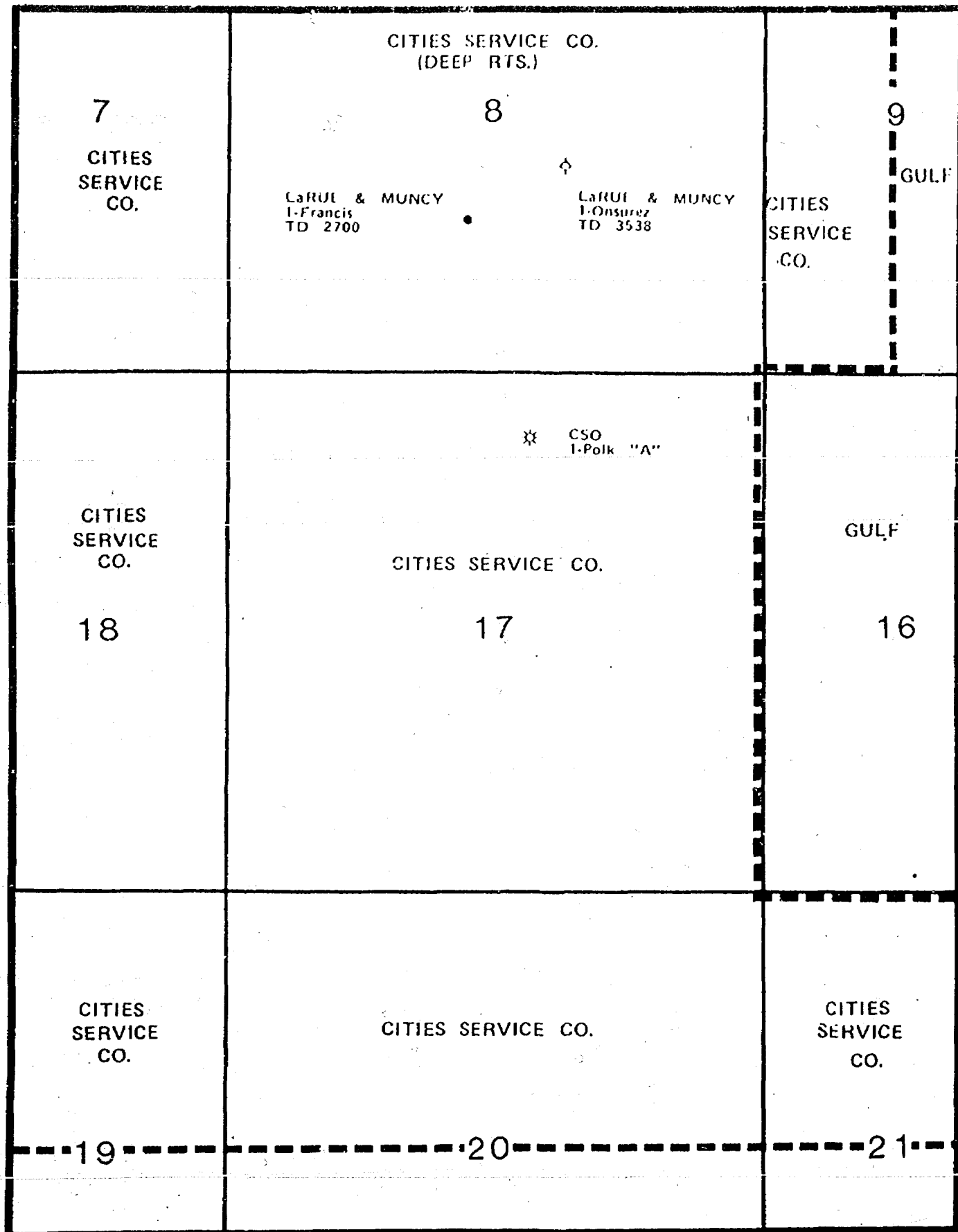
Schlumberger Quick Flow Nipple

Morrow Perf's 12,076'-80' and 12,144'-50'

PBTD 12,165' (5' Cem. on Model DB Pkr. @ 12,170')

5" 18# N-80 SFJ-P Liner @ 12,574'  
TD 12,574'

R 28 E



T  
23  
S

EDDY COUNTY, NEW MEXICO

SCALE: 4" 1 MILE

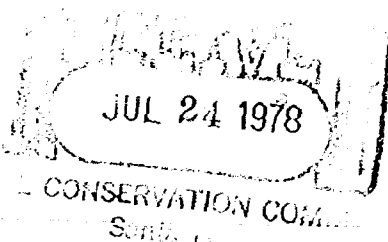
6293

*Division*  
OIL CONSERVATION COMMISSION  
Artesia DISTRICT

*Division*  
OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 7-21-78

RE: Proposed MC X  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_



Gentlemen:

I have examined the application dated 7-12-78  
for the Citrus Service Co. Palk A Com. #1 B 17-23-28  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Does not qualify for Administrative Approval.  
Set for hearing  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

W.A. Gressett

ROUGH

dr/

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 6293

Order No. R- 5287

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

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 o'clock a.m. on  
August 16, 19 78, at Santa Fe, New Mexico, before  
Examiner Richard L. Stamets.

NOW, on this \_\_\_\_\_ day of August, 19 78, the  
Division Director, 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 Division has jurisdiction of this cause and the subject  
matter thereof.

(2) That the applicant, Cities Service Company,  
seeks authority to complete its Polk "A"  
Well No. 1, located in Unit B of Section 17, Town-  
ship 23 South, Range 28 East, NMPM, Eddy  
County, New Mexico, as a dual completion (conventional) to  
~~(combination)~~  
~~(tubingless)~~  
~~and~~  
produce gas from the Strawn and Morrow formations through  
parallel strings of tubing.

(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 Company, is hereby authorized to complete its Polk "A"

Well No. 1, located in Unit B of Section 17,

Township 23 South, Range 28 East, NMPM, Eddy

County, New Mexico, as a dual completion (conventional)

~~(combination)~~

~~(tubingless)~~

~~xxix~~

to produce gas from the Strawn and Morrow formations

through parallel strings of <sup>2 7/8 inch</sup> tubing. with separation of the zones

by means of a packer set at approximately 12,023 feet.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Division 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 ~~test~~ period for ~~the~~ gas wells located in Southeastern New Mexico Pool.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.