

CASE 5244: Application of EL
PASO NATURAL FOR A DUAL COMPLE-
TION, SAN JUAN COUNTY, N. M.

CASE No.

5244

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 El Paso Natural
Gas Company for a dual completion,)
San Juan County, New Mexico.)
)
)
----->

Case No. 5244

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:

Neil Beck, Esq.
El Paso Natural Gas
El Paso, Texas

CASE 5244

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I N D E X

PAGE

HAROLD L. KENDRICK

Direct Examination by Mr. Beck
Cross Examination by Mr. Stamets

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E X H I B I T S

Applicant's Exhibits Nos. 1 through 4

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

KENDRICK-DIRECT

MR. STAMETS: Case 5244.

MR. CARR: Case 5244. Application of El Paso Natural Gas Company for a dual completion, San Juan County, New Mexico.

MR. BECK: Neil Beck, representing El Paso Natural Gas Company in this case. An entry of appearance has been made by Sumner Buell of Montgomery, Federici, Andrews, Hannahs and Buell. We have one witness to be sworn.

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

HAROLD L. KENDRICK

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

DIRECT EXAMINATION

BY MR. BECK:

Q Mr. Kendrick, will you please state your name, where you reside, by whom you are employed and in what capacity?

A My name is Harold L. Kendrick. I live at El Paso, Texas. I am employed by El Paso Natural Gas Company as a Senior Proration Engineer.

Q Are you familiar with El Paso's Application in

KENDRICK-DIRECT

CASE 5244

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Case No. 5244?

A Yes, sir, I am.

Q Have you testified previously before the Commission and were your qualifications acceptable?

A Yes, sir, they were.

MR. BECK: Mr. Examiner, are the witness' qualifications acceptable?

MR. STAMETS: They are.

BY MR. BECK:

Q Mr. Kendrick, would you please state what El Paso Natural Gas Company is seeking in this Application in Case No. 5244?

A El Paso Natural Gas Company drilled the Hubbell No. 14 Well in Unit G of Section 18, Township 29 North, Range 10 West, San Juan County, New Mexico and dually completed in the Chacra and Fruitland formations. El Paso seeks approval of the dual completion of its Hubbell No. 14 Well and systematic produced gas from the Aztec-Fruitland Pool and the undesignated Chacra formation through parallel strings of 2 and 7/8-inch casing cemented in a common wellbore without the benefit of tubing.

Q Mr. Kendrick, referring now to what has been designated as Exhibit No. 1, would you please explain this

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to the Examiner?

A This is a plat showing the location of the Hubbell No. 14 Well and the wells on the offset acreage. The well site is in Section 18, the northeast quarter, and designated by large orange dots with an arrow pointing to it.

Q Referring now to what has been marked as Exhibit No. 2, would you please identify this and explain it to the Examiner?

A Exhibit 2 is a diagrammatic sketch of the Hubbell 14 Well. It shows a 9 and 5/8-inch surface casing was set at 140 feet and cemented to the surface. It also shows that two parallel strings of 2 and 7/8-inch casing were run in a common hole and cemented with enough cement to bring the top of the cement to 400 feet from the surface as determined by a temperature survey. It also shows that the Fruitland formation is perforated from 1730 to 48 feet and then fraced with sand and water. It shows that the Chacra formation was perforated from 3020 feet to 3032 feet and fraced with sand and water.

Q Mr. Kendrick, referring now to what has been designated as El Paso's Exhibit No. 3, would you please explain this exhibit?

A Exhibit No. 3 is a reproduction of the logs of

KENDRICK-DIRECT

the Hubble 14 Well. The lefthand side of the exhibit is the compensated density log and the righthand side of the exhibit is an induction electro log. On the induction electro log in the detailed log section, the top of the Fruitland has been picked at 1627 feet and marked and the top of the Chacra is picked at 2904 feet and marked.

Q Referring now to what has been designated as Exhibit No. 4, Mr. Kendrick, would you please explain this to the Examiner?

A Exhibit 4 is an oriented perforating record log to indicate the tubing direction and perforating the upper Fruitland production casing.

Q Mr. Kendrick, will you please explain to the Examiner briefly the drilling and completion technique that El Paso has utilized in drilling the Hubbell No. 14 Well?

A The drilling and completion of the Hubbell 14 Well required certain special techniques due to the unique tubing this type of completion desired. 9 and 5/8-inch casing was set in a 13 and 3/4-inch hole at 140 feet with cement circulated to surface. After waiting on cement for 12 hours an 8 and 3/4-inch hole was drilled to 2020 feet at which time the hole was reduced to 7 and 7/8 inches

KENDRICK-DIRECT

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and drilled to 2820 feet where it again was reduced to 6 and 3/4-inch and was drilled to 3078 feet as total depth. The 2 and 7/8-inch production casing for the Chacra formation was run and set at 3075 feet and landed in the 9 and 5/8-inch wellhead. The 2 and 7/8-inch production casing for the Fruitland formation was run and set at 2014 feet and was also landed in the 9 and 5/8-inch casing wellhead. The Chacra production casing was then cemented with 434 cubic feet of cement. Following the operation, the Fruitland production casing was cemented with 656 cubic feet of cement. The top of the cement in the temperature survey was determined to be 400 feet. Approximately 8 days later, the Fruitland production casing was perforated from 1730 feet to 1748 feet with 18 shots. The perforating gun was oriented in the hole to preclude the possibility of perforating the Chacra production casing. Prior to perforating the Fruitland formation, the Fruitland and Chacra casing were each tested to 400 PSIG. After perforating the Fruitland casing the Chacra casing was again tested to 4000 PSIG for evidence of the perforating gun's failure to orient properly. This pressure test indicated the Chacra casing was not damaged. Following this operation, the Chacra formation was then

KENDRICK-DIRECT

perforated from 3020 feet to 3032 feet with 18 shots.

Subsequent to the perforating operation, the Chacra formation was fraced with 18,000 pounds of sand and 18,480 gallons of water. The Fruitland formation was fraced with 21,000 pounds of sand and 21,504 gallons of water. The test of the Fruitland formation calculated an absolute open flow of 478 MCF per day, while the test of the Chacra formation calculated an absolute open flow of 724 MCF per day.

Q At the time of obtaining the potential for each zone of the dually completed well, were pressures measured to verify the two producing zones were separated?

A Yes, sir, they were.

Q Would you please elaborate on this data?

A On May 7th, 1974, the shut-in pressure in the Fruitland formation was 628 PSIG and the Chacra was 1083 PSIG. Flowing the Chacra formation did not cause a pressure drop in the Fruitland. On May 14th, the shut-in pressure on the Fruitland was measured at 637 PSIG and the Chacra at 1077 PSIG. Flowing the Fruitland did not cause a drop in the Chacra formation pressure.

Q Mr. Kendrick, in your opinion, does the manner in which the Hubbell No. 14 Well was completed comply with

KENDRICK-DIRECT

New Mexico Oil Conservation Commission rules and regulations?

A Yes, sir, it does. The manner in which the well is completed will permit production of hydrocarbons from both zones, to be safely and efficiently produced with complete separation of zones.

Q In your opinion, Mr. Kendrick, will the granting of this Application result in the protection of correlative rights and the prevention of waste?

A Yes, sir.

Q Were these exhibits either prepared by you or under your supervision?

A Yes, sir, they were.

MR. BECK: Mr. Examiner, at this time I move the introduction of El Paso's Exhibits 1 through 4, and this completes El Paso's direct examination.

MR. STAMETS: Exhibits 1 through 4 will be admitted into evidence.

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

CROSS EXAMINATION

BY MR. STAMETS:

Q Mr. Kendrick, what you are seeking here is

KENDRICK-CROSS

CASE 5244

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a typical tubingless multiple completion with the appropriate test requirements and so on?

A Yes.

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?

The case will be taken under advisement.

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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.

Richard L. Nye
COURT REPORTER

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5244 heard by me on 5/22, 1994.
Richard L. Nye, Examiner
New Mexico Oil Conservation Commission

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OIL CONSERVATION COMMISSION

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

I. R. TRUJILLO
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

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

June 4, 1974

Mr. Neil Beck
El Paso Natural Gas Company
Post Office Box 1492
El Paso, Texas 79978

Re: CASE NO. 5244

ORDER NO. R-4804

Applicant:

El Paso Natural Gas Co.

Dear Sir:

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

Very truly yours,

A. L. PORTER, Jr.
Secretary Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x
Artesia OCC
Aztec OCC x

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. 5244
Order No. R-4804

APPLICATION OF EL PASO NATURAL
GAS COMPANY FOR A DUAL COMPLETION,
SAN JUAN 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, El Paso Natural Gas Company, seeks
authority to complete its Hubbell Well No. 14, located in Unit
G of Section 18, Township 29 North, Range 10 West, NMPM, San
Juan County, New Mexico, as a dual completion (tubingless) to
produce gas from the Aztec-Fruitland Pool and from an undesignated
Chacra-gas pool through parallel strings of 2 7/8-inch
casing cemented in a common wellbore.

(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, El Paso Natural Gas Company, is
hereby authorized to complete its Hubbell Well No. 14, located
in Unit G of Section 18, Township 29 North, Range 10 West, NMPM,
San Juan County, New Mexico, as a dual completion (tubingless)
to produce gas from the Aztec-Fruitland Pool and from an
undesignated Chacra-gas pool through parallel strings of 2 7/8-
inch casing cemented in a common wellbore;

-2-

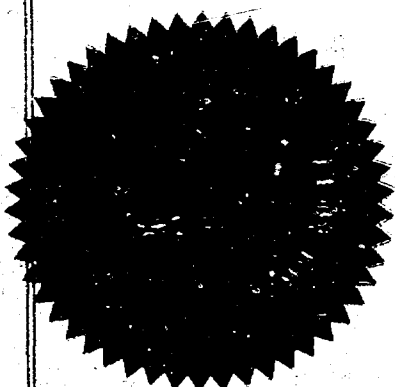
CASE NO. 5244
Order No. R-4804

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 zone segregation tests upon completion and annually thereafter.

(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
I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member

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

S E A L

jr/

5244 Dual OK Geo Geo

Attec Fruitland und Chacra

Tubing less

BEFORE THE
NEW MEXICO STATE OIL CONSERVATION COMMISSION

IN THE MATTER OF

THE APPLICATION OF EL PASO NATURAL
GAS COMPANY FOR A DUEL COMPLETION
GAS WELL, HUBBELL NO. 14, Section
18, Township 29 North, Range 10 West,
SAN JUAN COUNTY, NEW MEXICO.

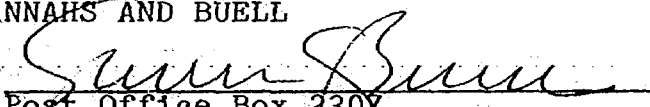
Case No. 5244

ENTRY OF APPEARANCE

Comes now Sumner G. Buell, of Montgomery, Federici, Andrews,
Hanna and Buell and enters his appearance on behalf of Appli-
cant El Paso Natural Gas in this case.

MONTGOMERY, FEDERICI, ANDREWS,
HANNAH AND BUELL

By


Post Office Box 230Y
Santa Fe, New Mexico 87501

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-Blinebry 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.

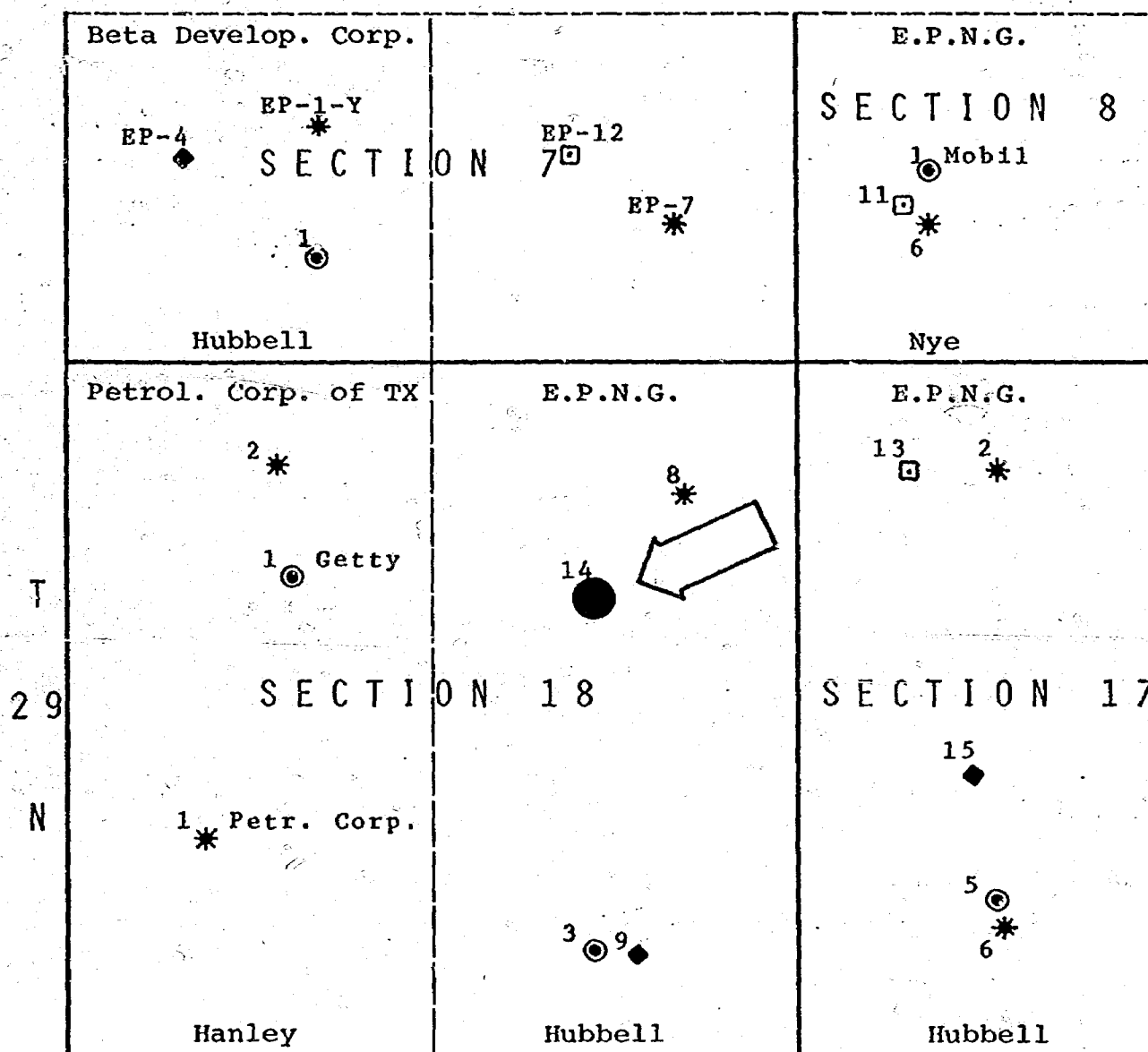
CASE 5242: Application of Penroc Oil Corporation for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Allied-Com Well No. 1 located in Unit B of Section 27, Township 20 South, Range 27 East, Eddy County, New 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-Blinebry, 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-Blinebry 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.

PLAT SHOWING LOCATION OF INTENDED DUAL COMPLETION (TUBINGLESS)
EL PASO NATURAL GAS COMPANY HUBBELL #14 (FT-CH) WELL
AND OFFSET ACREAGE

R - 10 - W



LEGEND:

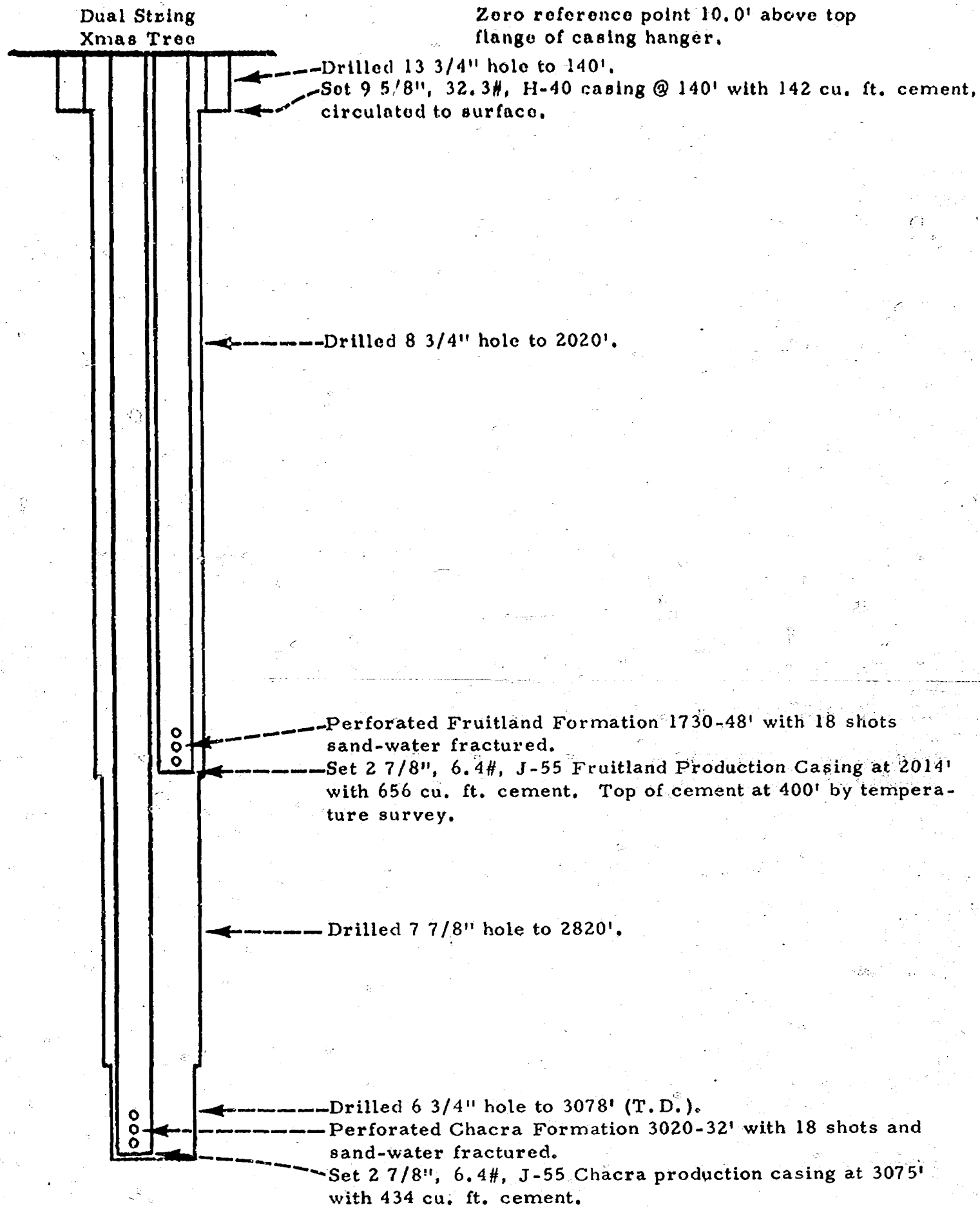
- * = PICTURED CLIFFS
- ⊙ = BASIN DAKOTA
- = FRUITLAND
- ◆ = CHACRA

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
EPNG EXHIBIT NO. 1
CASE NO. 5244
Submitted by _____
Hearing Date MAY 22, 1974

Schematic Diagram of Dual Completion

El Paso Natural Gas Company Hubbell #14 (FT-CH)

NE/4 Sec. 18, T-29-N, R-10-W



BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
EPNG EXHIBIT NO. 2
CASE NO. 5244
Submitted by _____
Hearing Date MAY 22, 1974

Talked to Kendrick (Aztec)
about this on 4-24-74. Can't
find another dual of this type.
(Fruitland & Chaco). Advised it
will go for hearing on 5/22
unless Emery ~~or~~ or El Paso can
give reason for Adm. Approval

Give to Dan Mon. 4/29
unless E.P. or Emery calls.

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

Form C-107
5-1-61

Case 5248

Operator El Paso Natural Gas Company		County San Juan	Date April 3, 1974
Address PO Box 990, Farmington, NM 87401		Lease Hubbell	Well No. 14
Location of Well G	Unit 18	Township 29N	Range 10W

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 _____ Re: NMOCC Memo #18-58
2. If answer is yes, identify one such instance: Order No. _____; Operator Lease, and Well No.: _____

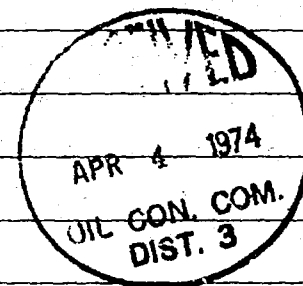
3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Aztec Fruitland Ext.		Undes. Chacra
b. Top and Bottom of Pay Section (Perforations)	1605-1920'		2920-3070'
c. Type of production (Oil or Gas)	gas		gas
d. Method of Production (Flowing or Artificial Lift)	flow		flow

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.

Petroleum Corporation of Texas, PO Box 911, Breckenridge, TX 76024



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO _____. If answer is yes, give date of such notification April 3, 1974

CERTIFICATE: I, the undersigned, state that I am the Senior Drilling Engineer of the El Paso Natural Gas 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.

DOCKET MAILED

Date 5-9-74

L. O. Van Ryan

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.

OIL CONSERVATION COMMISSION
3 DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 4-5-74

Re: Proposed NSP _____

Proposed NWU _____

Proposed NSL _____

Proposed NFO _____

Proposed MC ✓

Gentlemen:

I have examined the application dated 4-3-74
for the El Paso Natural Gas Hubbell #14 618-294-104
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approved

Yours very truly,

Emory Church

THE APPLICATION OF E. L. Paso Natural Gas Company
FOR A Dual COMPLETION in its
Hubbell Well No. 14, located in Unit C, Section 18,
Township 29 North, Range 10 West, NM PM,
San Juan County, New Mexico, in such a
manner as to produce gas from the

ORDER NO. MC 2101

Case 5244

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 112-A (same)
made application to the New Mexico Oil Conservation Commission on April 4, 1974
for permission to dually complete its (same as above)

Now, on this 24th day of April, 1974, the Secretary-Director finds:

(1) That application has been duly filed under the provisions of Rule 112-A of the Commission's Rules and Regulations;

(2) That satisfactory information has been provided that all operators of offset acreage have been duly notified; and

(3) That no objections have been received within the waiting period as prescribed by said rule.

(4) That the proposed dual completion will not cause waste nor impair correlative rights.

(5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, (same),
be and the same is hereby authorized to dually complete its (same as above)
through
parallel strings of tubing.

~~the tubing and the casing-tubing annulus respectively.~~

~~the casing-tubing annulus and the tubing respectively.~~

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

Order No. _____

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter. ~~during the~~

~~Test Period for the~~ _____

~~Doct.~~

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby 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

A. L. PORTER, Jr.,
Secretary-Director

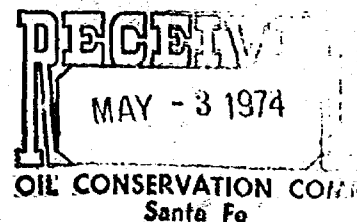
S E A L

El Paso Natural Gas Company

Case 5244

El Paso, Texas 79999

April 30, 1974



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

Gentlemen:

El Paso Natural Gas Company respectfully requests a hearing be set before the NMOCC or its designated examiner for May 22, 1974. This application is to seek approval of a dual completion in the Fruitland and Chacra formations in Unit Letter G, Section 18, Township 29 North, Range 10 West, San Juan, County, New Mexico. The El Paso Hubbell No. 14 (FT-CH) Well was completed as a tubingless completion using two parallel strings of 2 7/8" O. D. casing.

Other operators that may be interested in this application are:

Petroleum Corporation of Texas
P. O. Box 911
Breckenridge, Texas 76024

Schultz, Turner & Webb
1700 Mercantile Bank Bldg.
Dallas, Texas 75201

Mobil Oil Corp.
P. O. Box 633
Midland, Texas 79701

If there is any additional information you need, please call me.

Very truly yours,

E. R. Manning

E. R. Manning
Chief Proration Engineer

ERM:eh

✓ DOCKET MAILED

Date 5-9-74

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

Form C-107
5-1-61

2101

Case 5-244

OIL CONSERVATION COMMISSION

Operator El Paso Natural Gas Company		County San Juan	Date April 3, 1974
Address PO Box 990, Farmington, NM 87401		Lease Hubbell	Well No. 14
Location of Well G	Section 18	Township 29N	Range 10W

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 _____ Re: NMOCC Memo #18-58
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	Aztec Fruitland Ext.		Undes. Chacra
b. Top and Bottom of Pay Section (Perforations)	1605-1920'		2920-3070'
c. Type of production (Oil or Gas)	gas		gas
d. Method of Production (Flowing or Artificial Life)	flow		flow

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.

Petroleum Corporation of Texas, PO Box 911, Breckenridge, TX 76024

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO _____. If answer is yes, give date of such notification **April 3, 1974**.

CERTIFICATE: I, the undersigned, state that I am the **Senior Drilling Engineer** of the **El Paso Natural Gas 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.

L. O. Van Ryan

Signature

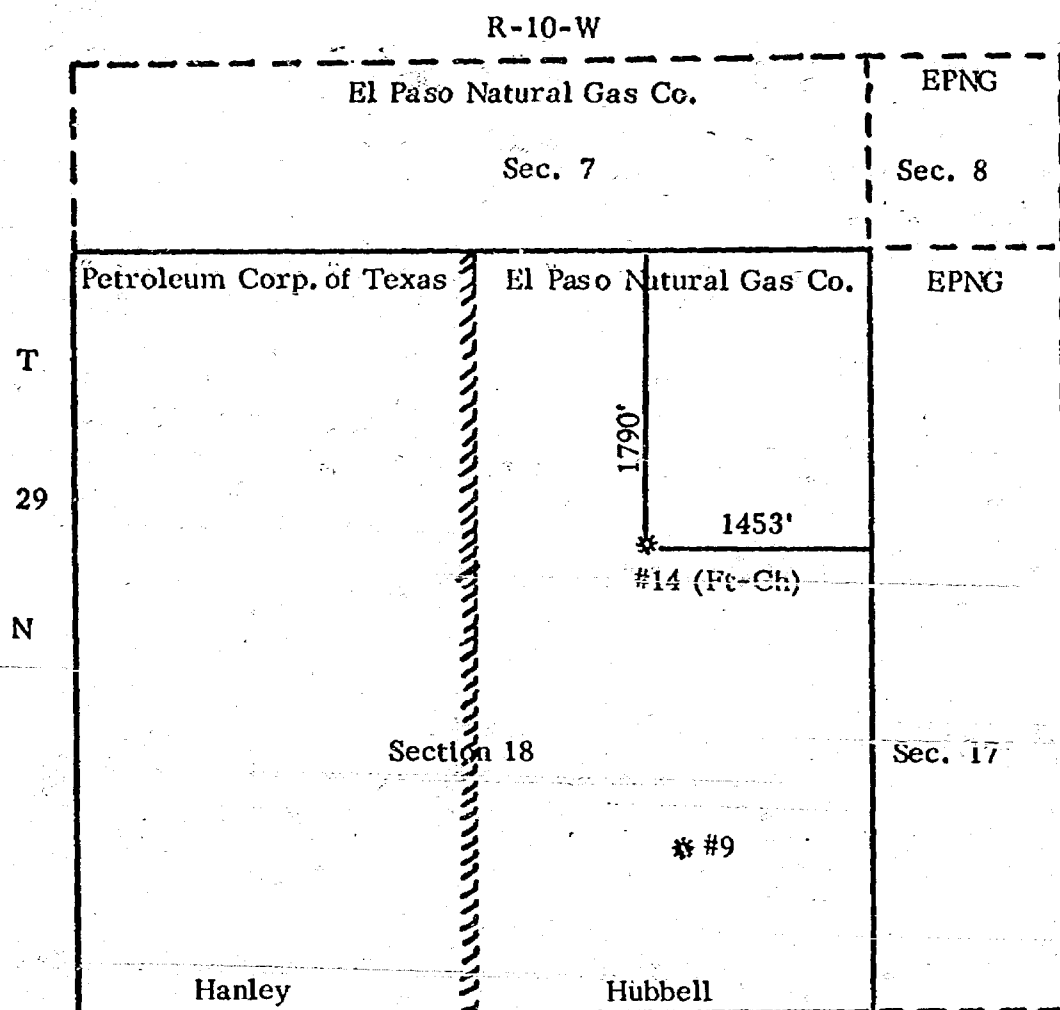
*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest 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.

Plat Showing Location of Intended Dual Completion (Tubingless)

El Paso Natural Gas Company Hubbell #14 (Ft-Ch) Well

and Offset Acreage



					ENG. REC.		DATE		 El Paso Natural Gas Company			
					DRAWN							
					CHECKED							
					CHECKED							
					PROJ. APP.							
PRT.	SEP.	DATE	TO	W.O.	DESIGN				SCALE:		DWG. NO.	REV.
PRINT RECORD					W.O.							

Schematic Diagram of Intended Dual Completion (Tubingless)

El Paso Natural Gas Company Hubbell #14 (Ft-Ch)

NE/4 Section 18, T-29-N, R-10-W

Dual String
Xmas Tree

Zero reference point 10.0' above top
flange of casing hanger.

← Set 9 5/8", 32.3#, H-40 surface casing at 130' with 145 cu. ft. cement,
circulated to surface.

← Selectively perforate and sandwater fracture the Fruitland formation.

← Set 2 7/8", 6.4#, J-55 Fruitland production casing at approximately
2020' with cement to cover the Ojo Alamo formation.

← Selectively perforate and sandwater fracture the Chacra formation.

← Set 2 7/8", 6.4#, J-55 Chacra production casing at approximately 3070'
with cement to cover the Lewis formation.

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

Form C-107
5-1-61

Operator El Paso Natural Gas Company		County San Juan	Date April 3, 1974
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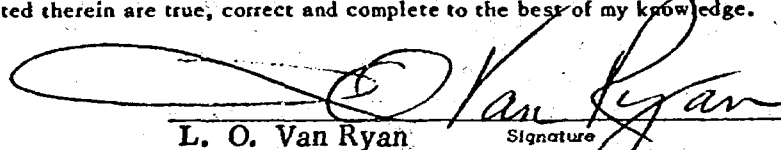
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- | | | |
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Petroleum Corporation of Texas, PO Box 911, Breckenridge, TX 76024

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO _____. If answer is yes, give date of such notification **April 3, 1974**.

CERTIFICATE: I, the undersigned, state that I am the Senior Drilling Engineer of the El Paso Natural Gas 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.


L. O. Van Ryan Signature

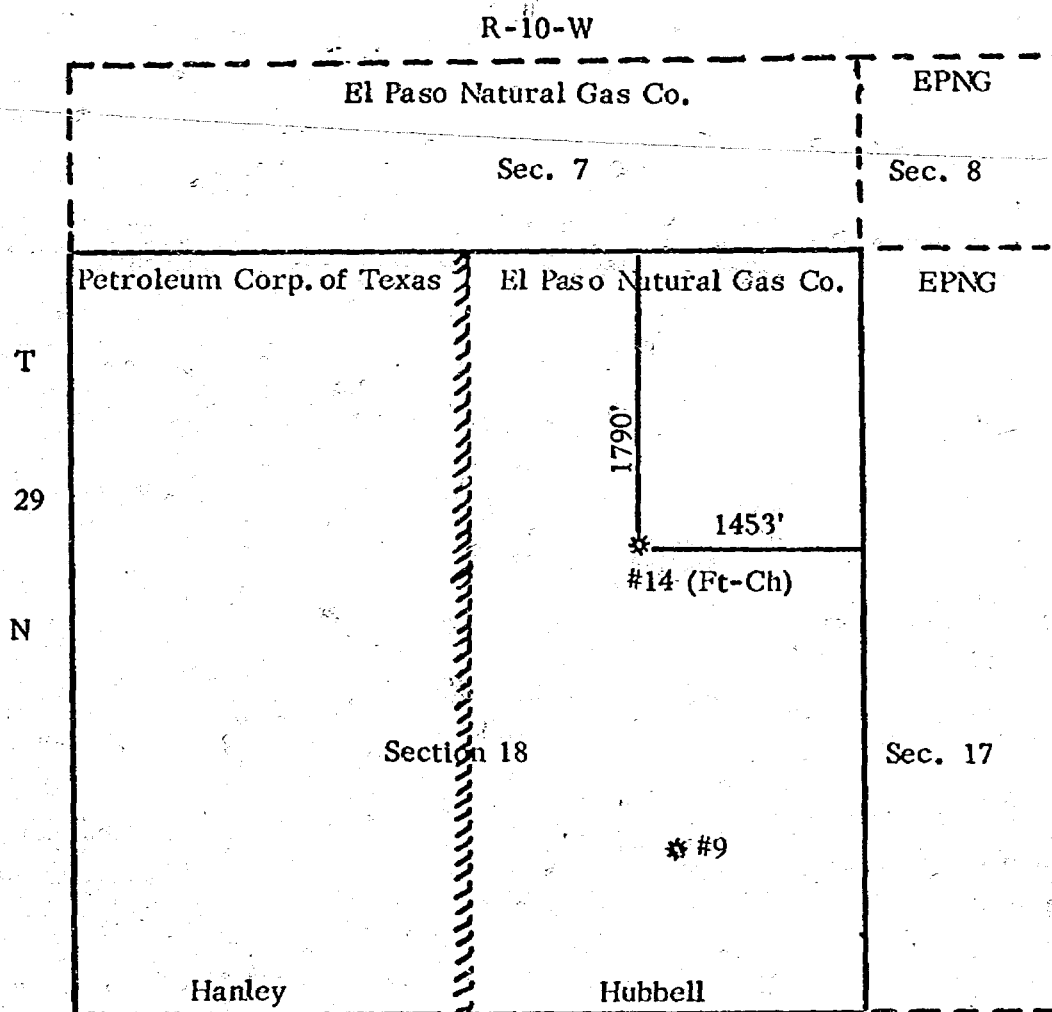
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Plat Showing Location of Intended Dual Completion (Tubingless)

El Paso Natural Gas Company Hubbell #14 (Ft-Ch) Well

and Offset Acreage

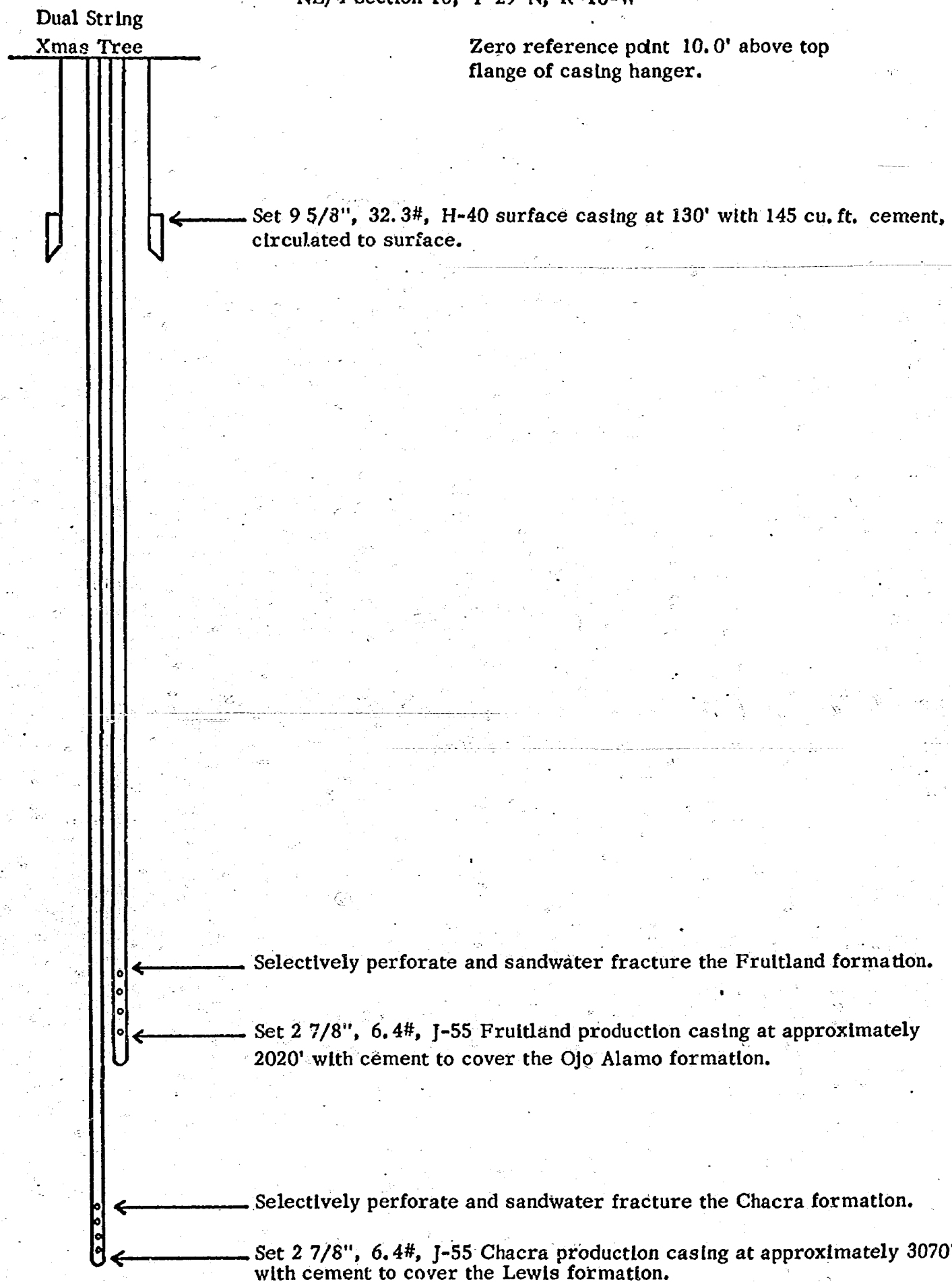


				ENG. REC.		DATE		El Paso Natural Gas Company			
				DRAWN							
				CHECKED							
				CHECKED							
				PROJ. APP.							
				DESIGN							
PRT.				SEP.		DATE		TO		W.O.	
PRINT RECORD				W.O.				SCALE:		DWG. NO.	
										REV.	

Schematic Diagram of Intended Dual Completion (Tubingless)

El Paso Natural Gas Company Hubbell #14 (Ft-Ch)

NE/4 Section 18, T-29-N, R-10-W



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. 5244

Order No. R-4804

APPLICATION OF EL PASO NATURAL GAS COMPANY
FOR A DUAL COMPLETION, SAN JUAN COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on
May 22, 1967, at Santa Fe, New Mexico, before Examiner
Richard L. Stamets.

NOW, on this _____ day of May, 1967, the Commission,
a quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, and being fully advised
in the premises,

FINDS:

(1) That due public notice having been given as required by
law, the Commission has jurisdiction of this cause and the subject
matter thereof.

(2) That the applicant, El Paso Natural Gas Company,
seeks authority to complete its Hubbell

Well No. 14, located in Unit G of Section 18, Township

29 ~~XXXXX~~ Range 10 ~~XXXX~~, NMPM, San Juan County, New
North West

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

from the Aztec-Fruitland Pool ~~XXXXXX~~ and from an
undesignated Chacra-gas pool through parallel strings of 2 7/8-
inch casing cemented in a common wellbore.

(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, El Paso Natural Gas Company, is hereby authorized to complete its Hubbell Well No. 14, located in Unit G of Section 18, Township 29 ~~South~~ ^{North}, Range 10 ~~East~~ ^{West}, NMPM, San Juan County, New Mexico, as a dual completion ~~(conventional)~~ ^(combination) ~~(tubingless)~~ to produce gas ~~xxx~~ from the Aztec-Fruitland Pool ~~and from an~~ undersignated Chacra-gas pool through parallel strings of 2 7/8-inch casing cemented in a common wellbore

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 ^{zone segregation} ~~packer-leakage~~ tests upon completion and annually thereafter, ~~during the annual~~ ~~deliverability~~ ~~test period for the~~ Aztec-Fruitland Pool.

(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.