

Case No.

1460

Application, Transcript,  
Small Exhibits, Etc.

1460

CASE 1460: Phillips Pet. Co. application for  
order authorizing dual completion of its  
New Mex A well #1 Lea County.

Spec. Transmittal  
Letter

Boaay: -  
need spec  
ltr of trans.

*Case file  
(Order R-1201)*

**PHILLIPS PETROLEUM COMPANY**

P. O. Box 2105  
Hobbs, New Mexico

June 27, 1958

In re: Case No. 1460 - Order No. R-1201  
New Mex "A" Well No. 1 - Kemnitz-Wolfcamp Pool

Mr. A. L. Porter, Jr., Secretary-Director  
New Mexico Oil Conservation Commission - 2  
P. O. Box 871  
Santa Fe, New Mexico

Dear Mr. Porter:

Reference is made to your letter dated June 23, 1958, wherewith you furnished us copies of Order R-1201, granting permission for an oil-oil dual completion in the subject well in the Kemnitz-Wolfcamp Pool and an undesignated Pennsylvanian pool.

This is to advise that the Pennsylvanian formation in this well was not commercially productive and the well was singly completed in the Wolfcamp formation.

We appreciate the Commission's favorable consideration in this matter.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



W. C. Rodgers  
District Superintendent  
Production Department

cc: Oil Conservation Commission  
Hobbs, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

June 23, 1958

Mr. Forrest Morgan  
Phillips Petroleum Company  
P.O. Box 2105  
Hobbs, New Mexico

Dear Mr. Morgan;

We enclose two copies of Order R-1201 issued June 18, 1958, by the Oil Conservation Commission in Case 1460, which was heard on May 28th at Santa Fe before an examiner.

Please note that this order requires that each meter installed in the subject system shall be tested for accuracy at intervals and in a manner satisfactory to the Commission. It will be necessary for you to run a series of tests of sufficient duration to determine that the meters are functioning properly immediately following installation. Thereafter tests should be made at intervals not to exceed one month and a report of said calibration filed with the Commission. The meters shall be calibrated against a master meter or against a test tank of measured volume.

Very truly yours,

A. L. Porter, Jr.  
Secretary - Director

ALP/DSN:bp  
Encls.

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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. 1460  
Order No. R-1201

APPLICATION OF PHILLIPS PETROLEUM  
COMPANY FOR AN OIL-OIL DUAL COMPLETION  
AND FOR PERMISSION TO COMMINGLE THE  
PRODUCTION FROM TWO SEPARATE POOLS.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 28, 1958, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 18<sup>th</sup> day of June, 1958, the Commission, a quorum being present, having considered the application, the evidence adduced and the recommendations of the Examiner, Elvis A. Utz, 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, Phillips Petroleum Company, is the owner and operator of the New Mex "A" Well No. 1, located 1983 feet from the South line and 2313 feet from the West line of Section 25, Township 16 South, Range 38 East, NMPM, Lea County, New Mexico.

(3) That the applicant proposes to dually complete the above-described New Mex "A" Well No. 1 in such a manner as to permit the production of oil from the Kennitz-Wolfcamp Pool and the production of oil from an undesignated Pennsylvanian pool through parallel strings of 2 3/8-inch tubing.

(4) That the applicant further proposes to commingle the production from the said New Mex "A" Well No. 1 from the Kennitz-Wolfcamp Pool and from an undesignated Pennsylvanian pool after the production from each of said pools has been separately measured.

(5) That approval of the subject application will not cause waste nor impair correlative rights.

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

(7) That the subject application should be approved.

IT IS THEREFORE ORDERED:

1. That the applicant, Phillips Petroleum Company, be and the same is hereby authorized to dually complete its New Max "A" Well No. 1, located 1983 feet from the South line and 2313 feet from the West line of Section 25, Township 16 South, Range 33 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of oil from the Kennitz-Wolfcamp Pool and the production of oil from an undesignated Pennsylvanian pool through parallel strings of 2 3/8-inch tubing.

PROVIDED HOWEVER, That subject well shall be completed and thereafter produced in such a manner that there will be no commingling within the well-bore, either within or outside the casing, of gas, oil and gas, or oil produced from either or both of the separate strata,

PROVIDED HOWEVER, That prior to the actual dual completion the operator shall make pressure tests of the casing to prove that no casing leaks exist. In the event a casing leak is apparent the operator shall take appropriate steps to adequately repair the leak. The results of these tests shall be reported to the Commission on Form C-103.

PROVIDED FURTHER, That upon the actual dual completion of such subject well applicant shall submit to the appropriate District Office of the Commission copies of Oil Conservation Commission Form C-103, Form C-104, Form C-110, and Form C-122, outlining the information required on those forms by existing Rules and Regulations, and two copies of the electric log of the well.

PROVIDED FURTHER, That said subject well for dual completion and production shall be equipped in such a way that reservoir pressures may be determined separately for each of the two specified strata, and further, be equipped with all necessary connections required to permit recording meters to be installed and used at any time as may be required by the Commission or its representatives, in order that natural gas, oil, or oil and gas from each separate stratum may be accurately measured and the gas-oil or gas-liquid ratio thereof determined, and

PROVIDED FURTHER, That the operator shall make any and all tests, including segregation and packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Kennitz-Wolfcamp Pool, commencing in the year 1959, and whenever the packer is disturbed, but not excluding any other tests and/or determinations as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of offset operators if any there be at their election, and the results of each test, properly attested to by the applicant herein and all witnesses, shall be filed with the Commission within fifteen (15) days after the completion of such tests, and further, that applicant shall file with the Commission in duplicate a packer-setting affidavit, which affidavit shall be due within fifteen (15) days of the dual completion or whenever the packer is disturbed, and

-3-  
Case No. 1460  
Order No. R-1201

PROVIDED FURTHER, That upon the actual dual completion of such subject well, applicant shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually used to complete and produce the seal between the strata, and a special report of production, gas-oil ratio or gas-liquid ratio, and reservoir pressure determination for each producing zone or stratum immediately following completion.

IT IS FURTHER ORDERED, That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after proper notice and hearing the Commission may terminate the authority hereby granted and require applicant or its successors and assigns to limit its activities to regular single-zone production in the interests of conservation.

2. That the applicant, Phillips Petroleum Company, be and the same is hereby authorized to commingle the production from the said New Mex "A" Well No. 1 from the Kennitz-Wolfcamp Pool and from an undesignated Pennsylvanian pool, provided that the production from each of said pools is separately measured by positive displacement meters prior to being commingled.

PROVIDED FURTHER, That the applicant shall check said meters for accuracy at intervals and in a manner satisfactory to the Commission.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
EDWIN L. MECHEM, Chairman

  
MURRAY E. MORGAN, Member

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

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Date 6-5-55

CASE 1460 Hearing Date 5-28-55

My recommendations for an order in the above numbered cases are as follows:

1. approve as requested using the usual 2 string dual completion order.
2. approve the comingling of the oil from the Kernitz-Wolfcamp oil pool with the undesignated Perm. oil pool by using positive displacement meters to meter ~~each~~ the production from each zone before the production is comingled.

*Thos. W. [Signature]*

\_\_\_\_\_  
Staff Member

**ILLEGIBLE**



BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

IN THE MATTER OF:

CASE NO. 1460

TRANSCRIPT OF HEARING

DEARNLEY - MEIER & ASSOCIATES  
GENERAL LAW REPORTERS  
ALBUQUERQUE NEW MEXICO  
Phone CHapel 3-6691

May 28, 1958

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
May 28, 1958

IN THE MATTER OF:

Application of Phillips Petroleum Company for  
an oil-oil dual completion and for permission  
to commingle production from two separate pools.  
Applicant, in the above-styled cause, seeks an  
order authorizing the dual completion of its  
New Mex "A" Well No. 1 located 1983 feet from  
the South line and 2313 feet from the West line  
of Section 25, Township 16 South, Range 33 East,  
Lea County, New Mexico, in such a manner as to  
permit the production of oil from the Kemitz-  
Wolfcamp Pool and oil from an undesignated Pen-  
nsylvanian pool through parallel strings of  
tubing. The applicant also proposes to produce  
the Wolfcamp and Pennsylvanian production from  
said well into common storage.

CASE NO. 1460

BEFORE:

ELVIS A. UTZ, Examiner.

TRANSCRIPT OF PROCEEDINGS

MR. UTZ: Call the hearing to order, and the next case  
on the docket will be Case 1460.

MR. PAYNE: Case 1460. Application of Phillips Petroleum  
Company for an oil-oil dual completion and for permission to com-  
mingle production from two separate pools.

MR. MORGAN: I am F. C. Morgan representing Phillips  
Petroleum Company. I am the only witness and would like to be  
sworn.

(Witness sworn.)

MR. MORGAN: I have qualified before as an expert witness. Shall I requalify myself again?

MR. UTZ: No, your qualifications are acceptable.

MR. MORGAN: This application is to allow dual completion of our New Mex "A" Well No. 1, located 1983 feet from the South line and 2313 feet from the West line of Section 25, Township 16 South, Range 33 East, Lea County, New Mexico. The well is currently drilling at about 11,100 toward a projected total depth of 11,580. We wish to dual the well so as to produce from both the Pennsylvanian and Wolfcamp formations.

We will now pass out Exhibit A. This is a plat showing the offset operators and producing wells in the area around the subject well. Phillips Petroleum Company acreage is shown in blue and the subject well is shown in red.

We anticipate commercial Wolfcamp production in this well at approximately 10,780 to 10,830 feet, based on positive drill stem tests, and also offset Kemnitz Wolfcamp wells to the Northeast and east. Commercial Pennsylvanian production is anticipated at approximately 11,450 to 11,530 feet based on an undesignated Pennsylvanian Pool well located 3/4 mile northwest of the subject well in the NW/4 of Section 26, Township 13 South, Range 33 East, which potentialled for 190 barrels in 21 hours. Our actual completion intervals will be determined after log analysis.

13 3/8 surface casing was set in this well at 374 feet with cement circulated to the surface. This will afford adequate

protection to any fresh water zones.

We anticipate setting 7 inch casing at total depth with sufficient cement to connect with the intermediate casing.

We will now pass out Exhibit B. Our plan for dual completion is to set a Baker Model D retainer packer at approximately 11,400 after perforating the desired intervals of the Pennsylvanian and Wolfcamp zones. 2 inch up-set tubing will be set into the Baker Model D packer to handle Pennsylvanian production. A Brown Type "C" parallel string anchor will be installed in the 2 inch up-set tubing string. This tool's function is to serve as an anchor for the 2 inch CS Hydril tubing serving the Wolfcamp production. This anchor was selected rather than a packer because of the probability that the Wolfcamp will require artificial lift in the future and this will permit the benefits of anchored tubing, downhole gas-oil separation, and corrosion inhibition, if required, at that time.

We plan to conduct a packer leakage test after dual completion of the well at other intervals as specified by the New Mexico Oil Conservation Commission.

Based on other operators information, we anticipate a bottom hole pressure in the Pennsylvanian of approximately 4500 pounds per square inch. The Wolfcamp bottom hole pressure should be about 3100 pounds per square inch. The packer will easily handle this pressure differential.

The Pennsylvanian oil gravity is 39 degree API and Wolfcamp

oil gravity is about 41 degree API . The gas-oil ratio of the Pennsylvanian should be 1300 cubic feet per barrel, and the Wolfcamp should be 1200. The Pennsylvanian crude is a green color and the Wolfcamp a brown color. Both zones are classified as sweet.

We propose dual completion of this well rather than twin single completed wells because we consider our proposed mechanical arrangement sound and because a savings of approximately \$190,000 will result by dual completion. Further, the reserves are sufficiently small that the Pennsylvanian zone could not be economically developed at this time as a single completion.

As a further part of this application, we propose to produce Pennsylvanian and Wolfcamp crudes into common storage. Our original application proposed to produce and measure Pennsylvanian crude through a metering separator incorporating a dump type meter. Wolfcamp oil production was to be determined by deducting metered Pennsylvanian oil from total gauged production.

We will now pass out Exhibit C. In view of recent Commission Order No. R-1158, we now propose to modify this portion of our application as reflected in the exhibit to request permission to commingle production after production from each of the two zones involved has been separately measured by means of positive displacement meters. State land is involved, therefore, royalty interests in the two zones are identical. I move that our application be so amended at this time.

MR. UTZ: You want to amend that?

MR. MORGAN: That is the intent, because of the order that came out in our last case stating it was your desire that meters be on both zones, and we -- In other words, we are complying here because we didn't have the benefit of that hearing at the time we filed on this one.

MR. UTZ: Without objection, the application will be amended.

MR. MORGAN: This concludes my testimony, unless there are questions, and I would like to move that Exhibits A, B, and C be placed in evidence.

MR. UTZ: Without objection, Exhibits, A, B, and C will be placed in evidence. Are there any questions of the witness?

CROSS EXAMINATION

BY: MR. UTZ:

Q These are positive displacement meters that you are going to meter both zones with, aren't they?

A Yes, sir.

Q Is there a savings on positive displacement meters as compared to metering ~~the~~ separators?

A Yes, sir, there is. We calculate that it would cost us, counting our separators into the two positive displacement type meters, a total of \$1308.00. In other words, by going the way we have recommended here. To go the route that we had previously

sought approval for, that is, to go on one metering separator and one conventional separator, that would cost us \$1345.00, or essentially the same as this. In view of the Commission's ruling that metering be done in both zones, we proposed the two PD meters because it would be cheaper. Two meters would cost us right at \$1800.00, so we do save money, and also monthly calibration is not required, so there would be a little incentive from the operators standpoint of one over the other.

MR. UTZ: Are there any further questions of the witness? If not, the witness may be excused.

(Witness excused.)

MR. UTZ: Any further statements in this case? If not, we will take the case under advisement.

STATE OF NEW MEXICO  
COUNTY OF BERNALILLO

ss

I, J. A. Trujillo, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me in Stenotype and reduced to typewritten transcript, and that same is a true and correct record to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal, this, the 9th day of June, 1958, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

*Joseph A. Trujillo*  
Notary Public

My Commission Expires:

October 5, 1960

I do hereby certify that the foregoing is a complete record of the proceedings in the Bernalillo County of Case No. 1460, heard by me on May 21, 1958.

*Thurman J. ...*  
Examiner  
New Mexico Oil Conservation Commission



*Oil Well  
Commonly known  
from the pool*

PHILLIPS PETROLEUM COMPANY

P. O. Box 2105  
Hobbs, New Mexico

April 18, 1958

In re: Application to Oil-Well Dually Complete and Produce Crudes into  
Common Storage of Phillips Petroleum Company, New Mex "A" Well No. 1 -  
Kemnitz Wolfcamp Pool and Undesignated Pennsylvania Pool,  
Lea County, New Mexico.

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Gentlemen:

By this letter of application Phillips Petroleum Company wishes to state  
the following:

(a) That Phillips Petroleum Company's New Mex "A" Well No. 1, located  
1983' from south and 2313' from west line of Section 25-16S-33E, is now drilling  
to a projected total depth of approximately 11,580'. The attached Exhibit "A"  
shows the location of this well on the Phillips New Mex "A" Lease together with  
the location of all offset wells. The attached Exhibit "B" shows a diagrammatic  
sketch of the proposed dual completion.

(b) That the well will have 7" production casing set at approximately  
11,580' and cemented with sufficient volume to connect with 9-5/8" casing set at  
4547'. The subject well is offset by two wells producing oil from the Kemnitz  
Wolfcamp Pool. Also 3/4 mile northwest of the subject well an undesignated Penn-  
sylvania Pool well located in the NE/4 of Section 26-13S-33E potential for 190  
BOPD.

(c) That the applicant proposes to dually complete the well in the  
following manner:

- (1) Perforate the 7" casing within the approximate interval  
of 11,450' to 11,530' opposite the Pennsylvania formation.  
Perforate the 7" casing opposite the Wolfcamp formation at an  
approximate interval of 10,780' to 10,830'.
- (2) Set production type packer between the two sets of  
perforations at approximately 11,400' to separate the two  
pay zones and dually complete through the use of two strings  
of 2" tubing in the manner set out in the attached Exhibit "B".

(c) Continued

(3) Produce oil from the Pennsylvania formation through 2" tubing extending through the production packer and oil from the Wolfcamp formation through a second parallel 2" tubing string.

(d) That the dual completion of the well in the above described manner is mechanically feasible and practical and is in the interest of conservation and the protection of correlative rights.

(e) That the applicant will comply with all rules and regulations of the New Mexico Oil Conservation Commission to maintain separation of production from the two pay zones.

(f) That applicant has mailed a copy of this application to the following offset operators:

Tennessee Gas Transmission Company  
Box 307  
Hobbs, New Mexico

Forest Oil Corporation  
P. O. Box 4486  
Midland, Texas

Application is also made to produce Wolfcamp and Pennsylvania crudes into common storage. Pennsylvania oil will be produced and measured through a metering separator that incorporates a cyclic type dump meter. [Wolfcamp oil production will be determined by deducting the metered Pennsylvania oil from the total gauged production.]

Therefore, Phillips Petroleum Company requests that the Oil Conservation Commission grant a hearing on this application to dually complete the subject well and produce Wolfcamp and Pennsylvania crudes into common storage.

I hereby certify that the information given above is true and complete to the best of my knowledge.

Respectfully submitted,

PHILLIPS PETROLEUM COMPANY

*W. C. Rodgers*

W. C. Rodgers  
District Superintendent  
Production Department

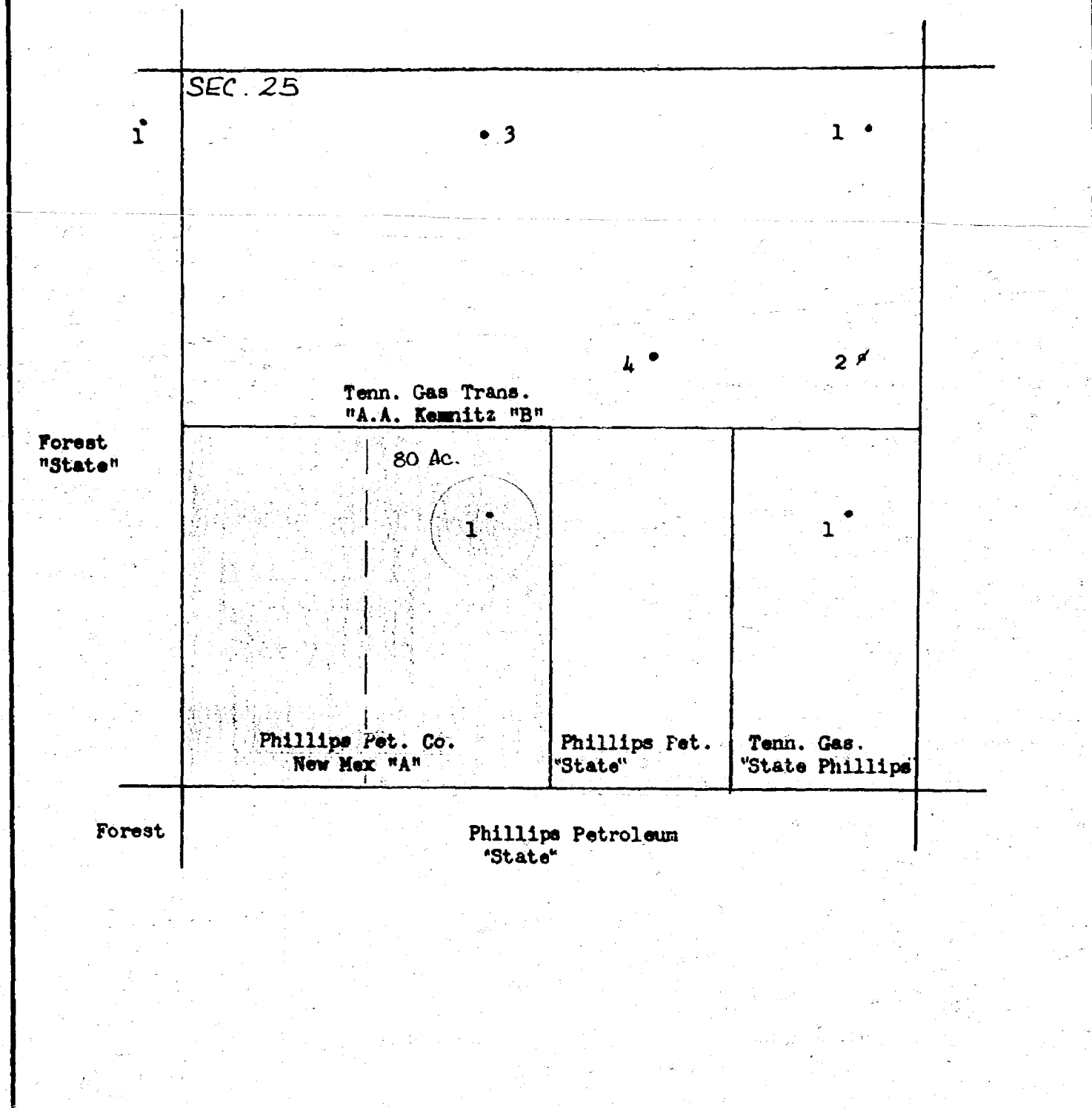
NWP:js  
Attach (2)

Sworn to and subscribed before me this the \_\_\_\_\_ day of April, 1958.

My Commission expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

EXHIBIT "A"



BARTLESVILLE, OKLAHOMA

PHILLIPS PETROLEUM COMPANY  
NEW MEX "A"  
Sec 25, T-16-S, R-33-E  
Lea County, New Mexico

DRAWN	<i>B</i>	REVISION	BY	DATE	AFE. NO.	DWG. NO.
CHECKED	<i>16-18</i>				SCALE	SHEET NO.
APPROVED						

EXHIBIT "B"

2-3/8" EUE Tubing

2-3/8" CS Hydril Tubing

10,780'

UPPER  
ZONE

WOLFCAMP

10,830'

Brown Type "C" Parallel  
String Anchor

Garrett Circulating Valve

Baker Model 415-D Packer  
at approx. 11,400'

11,450'

LOWER  
ZONE

PENNSYLVANIAN

11,530'

7" Casing set at 11,580'

BARTLESVILLE, OKLAHOMA

PROPOSED DUAL COMPLETION  
NEW MEX "A" No. 1  
LEA COUNTY - NEW MEXICO

DRAWN	<i>B</i>	REVISION	BY	DATE	APE. NO.	DWG. NO.
CHECKED	4/11/54 <i>11/11</i>					
APPROVED					SCALE	SHEET NO.

**PHILLIPS PETROLEUM COMPANY**

P. O. Box 2105  
Hobbs, New Mexico

April 28, 1958

In re: Application to Oil-Oil Dually Complete and Produce Crudes  
into Common Storage - Phillips Petroleum Company, New Mex "A"  
Well No. 1, Kennitz Wolfcamp Pool and Undesignated Pennsylvania  
Pool, Lea County, New Mexico

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Gentlemen:

Our application of April 18, 1958, to dual complete  
New Mex "A" Well No. 1 and produce crudes into common storage was  
submitted without an offset acreage plat and sketch of the proposed  
dual completion. Please include the attached Exhibit "A" (acreage  
plat) and Exhibit "B" (dual completion sketch) with our original  
application.

We would appreciate the subject application being included  
in the May 7, 1958, Examiner Hearing if possible.

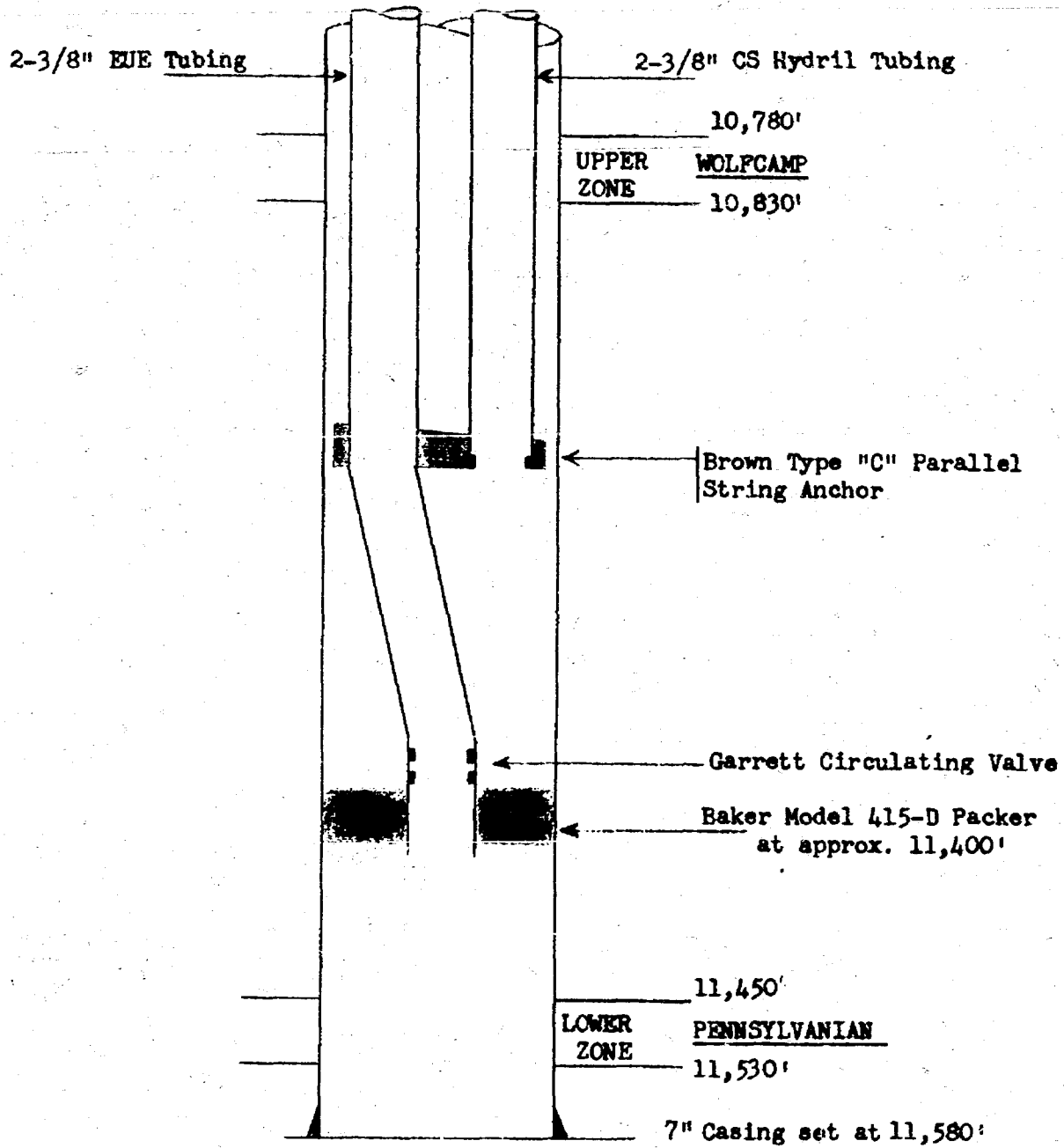
Sincerely yours,

PHILLIPS PETROLEUM COMPANY

*W. C. Rodgers*  
W. C. Rodgers  
District Superintendent  
Production Department

WHP:js  
Attach (2)  
cc: Tennessee Gas Transmission - Hobbs  
Forest Oil Company - Midland  
Attach (2)

EXHIBIT "B"

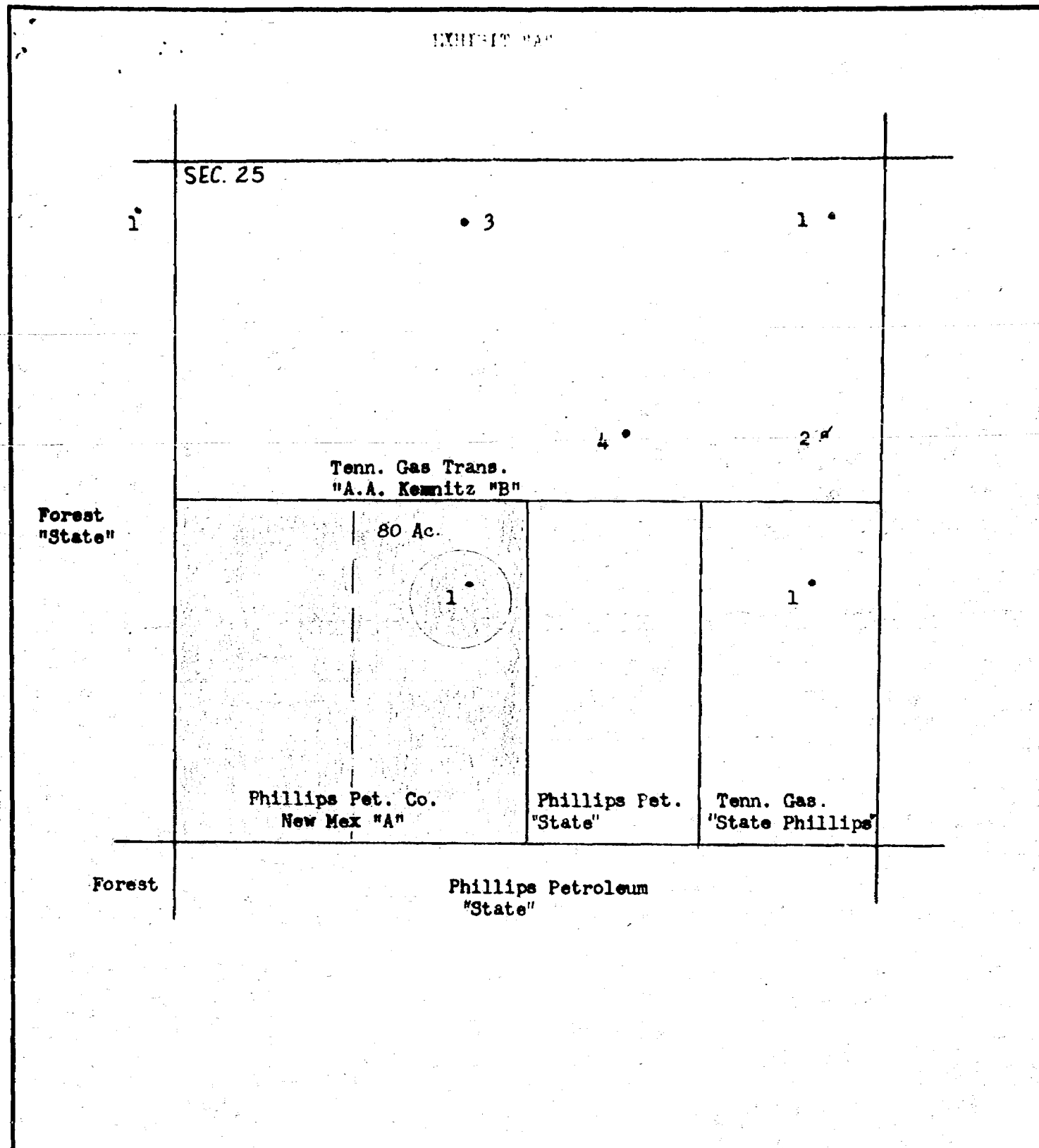


BARTLESVILLE, OKLAHOMA

PROPOSED DUAL COMPLETION  
 NEW MEX "A" No. 1  
 LEA COUNTY - NEW MEXICO

DRAWN	<i>B</i>	REVISION	BY	DATE	AFE. NO.	DWG. NO.
CHECKED	4-11-54				SCALE	SHEET NO.
APPROVED						

# EXHIBIT "A"



BARTLESVILLE, OKLAHOMA

PHILLIPS PETROLEUM COMPANY  
NEW MEX "A"  
Sec 25, T-16-S, R-33-E  
Lea County, New Mexico

DRAWN	<i>B</i>	REVISION	BY	DATE	AFE. NO.	DWG. NO.
CHECKED	<i>A. F.</i>				SCALE	SHEET NO.
APPROVED						

DOCKET: EXAMINER HEARING MAY 28, 1958

Oil Conservation Commission 9 a.m. Mabry Hall, State Capitol, Santa Fe

The following cases will be heard before Elvis A. Utz, Examiner:

- CASE 1225: Application of Moab Drilling Company and Utex Exploration Company for an order amending Order No. R-975. Applicant, in the above-styled cause, seeks an order amending Order No. R-975 to permit the conversion to a water injection well of the Utex Exploration Company Donohue-Federal No. 3 Well, located in the SE/4 SW/4 of Section 15, Township 16 South, Range 29 East, Eddy County, New Mexico.
- CASE 1446: Application of The Texas Company for approval of a unit agreement. Applicant, in the above-styled cause, seeks an order approving its Cotton Draw Unit embracing 35,144 acres, more or less, of Federal, State of New Mexico, and patented lands, located in Township 24 South, Ranges 31 and 32 East; Township 25 South, Ranges 31 and 32 East, in Eddy and Lea Counties, New Mexico.
- CASE 1447: Application of The Texas Company for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 320-acre non-standard gas proration unit in the Eumont Gas Pool comprising the E/2 of Section 11, Township 20 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the applicant's C. H. Weir "B" Well No. 3, located 330 feet from the North line and 660 feet from the East line of said Section 11.
- CASE 1448: Application of Ambassador Oil Corporation for approval of a unit agreement. Applicant, in the above-styled cause, seeks an order approving its North Caprock Queen Unit No. 2 embracing 1808 acres, more or less, of State of New Mexico lands located in Township 13 South, Ranges 31 and 32 East, in Chaves and Lea Counties, New Mexico.
- CASE 1449: Application of Graridge Corporation for an exception to Rule 309 of the Commission Rules and Regulations. Applicant, in the above-styled cause, seeks an order permitting the consolidation of tank batteries to receive the production from more than sixteen wells in the North Caprock Queen Unit No. 1 in Chaves and Lea Counties, New Mexico, which was established by Order No. R-1145. The applicant further seeks permission to install automatic custody transfer equipment on the above-referenced Unit.
- CASE 1450: Application of Neville G. Penrose, Inc. for approval of a unit agreement. Applicant, in the above-styled cause, seeks an order approving its November State Unit comprising 913 acres, more or less, of State of New Mexico and patented lands, located in Township 10 South, Range 37 and 38 East, and Township 11 South, Range 38 East, Lea County, New Mexico.

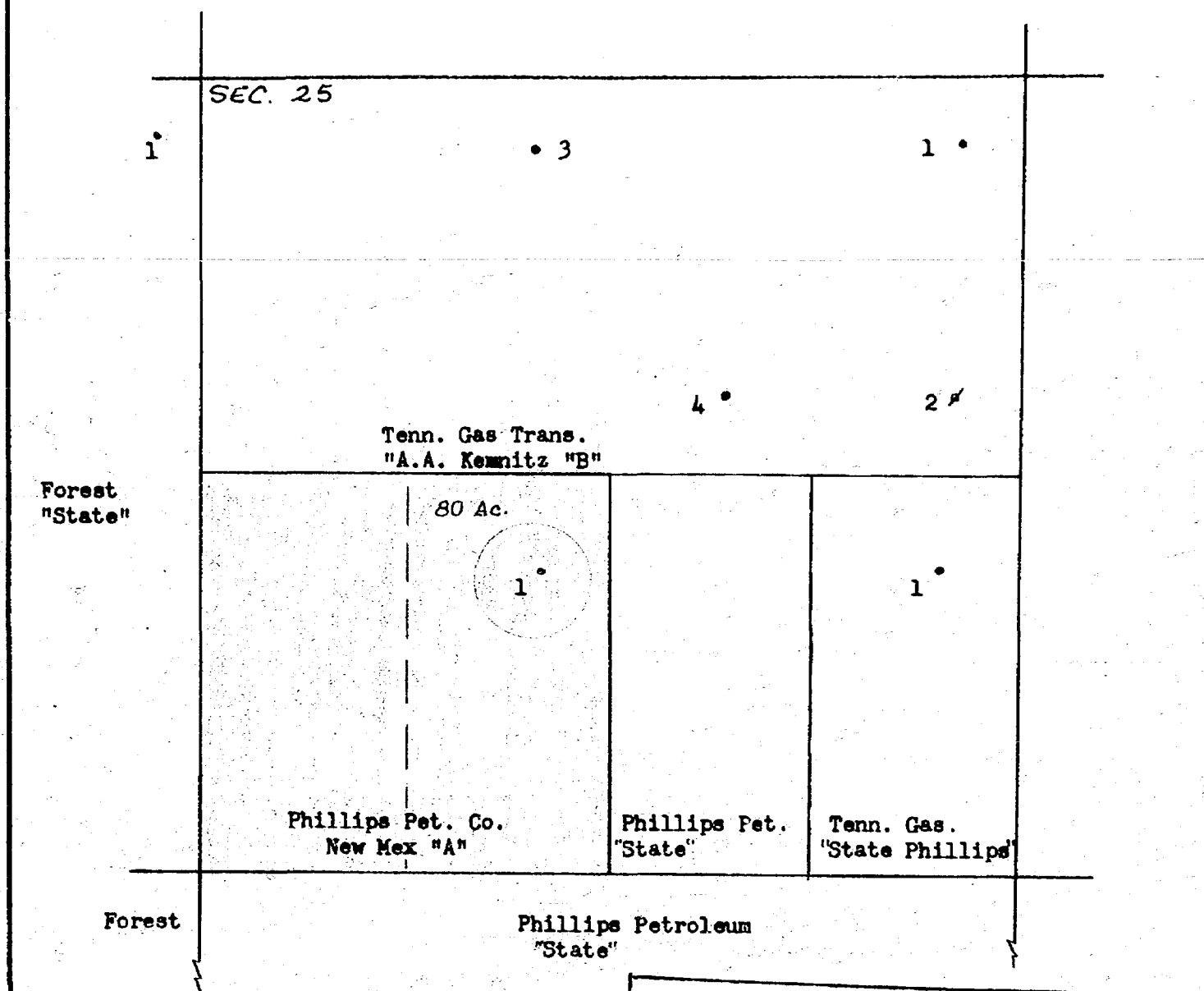


- CASE 1451: Application of Amerada Petroleum Corporation for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 280-acre non-standard gas proration unit in the Justis Gas Pool consisting of the W/2 SW/4 Section 24, NW/4 and SW/4 NE/4 of Section 25, all in Township 25 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the applicant's proposed well to be drilled in the NE/4 NW/4 of said Section 25.
- CASE 1452: Application of Amerada Petroleum Corporation for the dual completion of a producing oil well to permit the disposal of salt water therein. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its H. C. Posey "A" No. 4 Well, located in the NW/4 NE/4 of Section 14, Township 12 South, Range 32 East, Lea County, New Mexico, in such a manner as to permit the production of oil through the tubing from the Pennsylvanian formation, adjacent to the East Caprock-Pennsylvanian Pool, and to permit the disposal of salt water through the casing tubing annulus into the Devonian formation between 11,205 feet and 11,370 feet.
- CASE 1453: Application of Magnolia Petroleum Company for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Stephens Estate No. 1 Well, located in the NW/4 SW/4 of Section 24, Township 21 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Terry-Blinebry Pool and Wantz-Abo Pool.
- CASE 1454: Application of Gulf Oil Corporation for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Learcy McBuffington No. 4 Well, located 660 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Blinebry oil pool and oil from the Justis-Ellenburger Pool through parallel strings of tubing.
- CASE 1455: Application of Gulf Oil Corporation for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Learcy McBuffington Well No. 5, located 1650 feet from the South line and 1980 feet from the East line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Blinebry oil pool and oil from the Justis-Ellenburger pool through parallel strings of tubing.

- CASE 1456: Application of Gulf Oil Corporation for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Learcy McBuffington Well No. 6, located 330 feet from the South line and 1980 feet from the East line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Blinebry oil pool and oil from the McKee formation, adjacent to the Justis-McKee Pool, through parallel strings of tubing.
- CASE 1457: Application of Sinclair Oil & Gas Company for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its State Lea Well No. 1, located 660 feet from the South and West lines of Section 24, Township 16 South, Range 33 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Kennitz-Wolfcamp Pool and from the Pennsylvanian formation adjacent to the Kennitz-Pennsylvanian Pool through parallel strings of tubing.
- CASE 1458: Application of Albert Gackle for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 320-acre non-standard gas proration unit in the Jalmat Gas Pool consisting of the S/2 of Section 23, Township 23 South, Range 36 East, Lea County, New Mexico, said unit to be dedicated to the applicant's Sinclair State No. 1 Well, located 1650 feet from the South line and 990 feet from the East line of said Section 23.
- CASE 1459: Application of Continental Oil Company for a dual completion and non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Farney A-17 Well No 3, located in Section 17, Township 23 South, Range 36 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Lower Yates formation of the Jalmat Gas Pool and gas from the Upper Yates formation of the Jalmat Gas Pool through the tubing and casing-tubing annulus respectively. The applicant further seeks the establishment of a 160-acre non-standard gas proration unit in the Jalmat Gas Pool comprising the NW/4 of said Section 17, to be dedicated to the said Farney A-17 Well No. 3.
- CASE 1460: Application of Phillips Petroleum Company for an oil-oil dual completion and for permission to commingle production from two separate pools. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its New Mex "A" Well No. 1 located 1983 feet from the South line and 2313 feet from the West line of Section 25, Township 16 South, Range 33 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Kennitz-Wolfcamp Pool and oil from an undesignated Pennsylvanian pool through parallel strings of tubing. The applicant also proposes to produce the Wolfcamp and Pennsylvanian production from said well into common storage.

- CASE 1461: Application of A. A. Greer, et al., for an exception to the acreage factors established by Order No. R-565-C for certain wells in San Juan County, New Mexico. Applicant, in the above-styled cause, seek an order granting an exception to the acreage factors provided in the Special Rules and Regulations for the Aztec-Pictured Cliffs Gas Pool and Fulcher Kutz-Pictured Cliffs Gas Pool, as set forth in Order No. R-565-C, for one well in the Aztec-Pictured Cliffs Gas Pool and eight wells in the Fulcher Kutz-Pictured Cliffs Gas Pool which were drilled on 40-acre spacing prior to the establishment of 160-acre spacing in the aforementioned pools.
- CASE 1462: Application of El Paso Natural Gas Company for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 335-acre, more or less, non-standard gas proration unit in the Blanco Mesaverde Gas Pool consisting of the SW/4 of Section 7 and the W/2 of Section 18, all in Township 30 North, Range 8 West, San Juan County, New Mexico, said unit to be dedicated to the applicant's Howell No. 4-C Well, located 933 feet from the South line and 931 feet from the West line of said Section 18.
- CASE 1463: Application of Pan American Petroleum Corporation for an oil-gas dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its O. H. Randel "A" No. 1 Well, located 1650 feet from the South line and 990 feet from the West line of Section 9, Township 26 North, Range 11 West, San Juan County, New Mexico, in such a manner as to permit the production of oil from an undesignated Gallup oil pool and gas from an undesignated Dakota gas pool through parallel strings of tubing.

EXHIBIT "A"



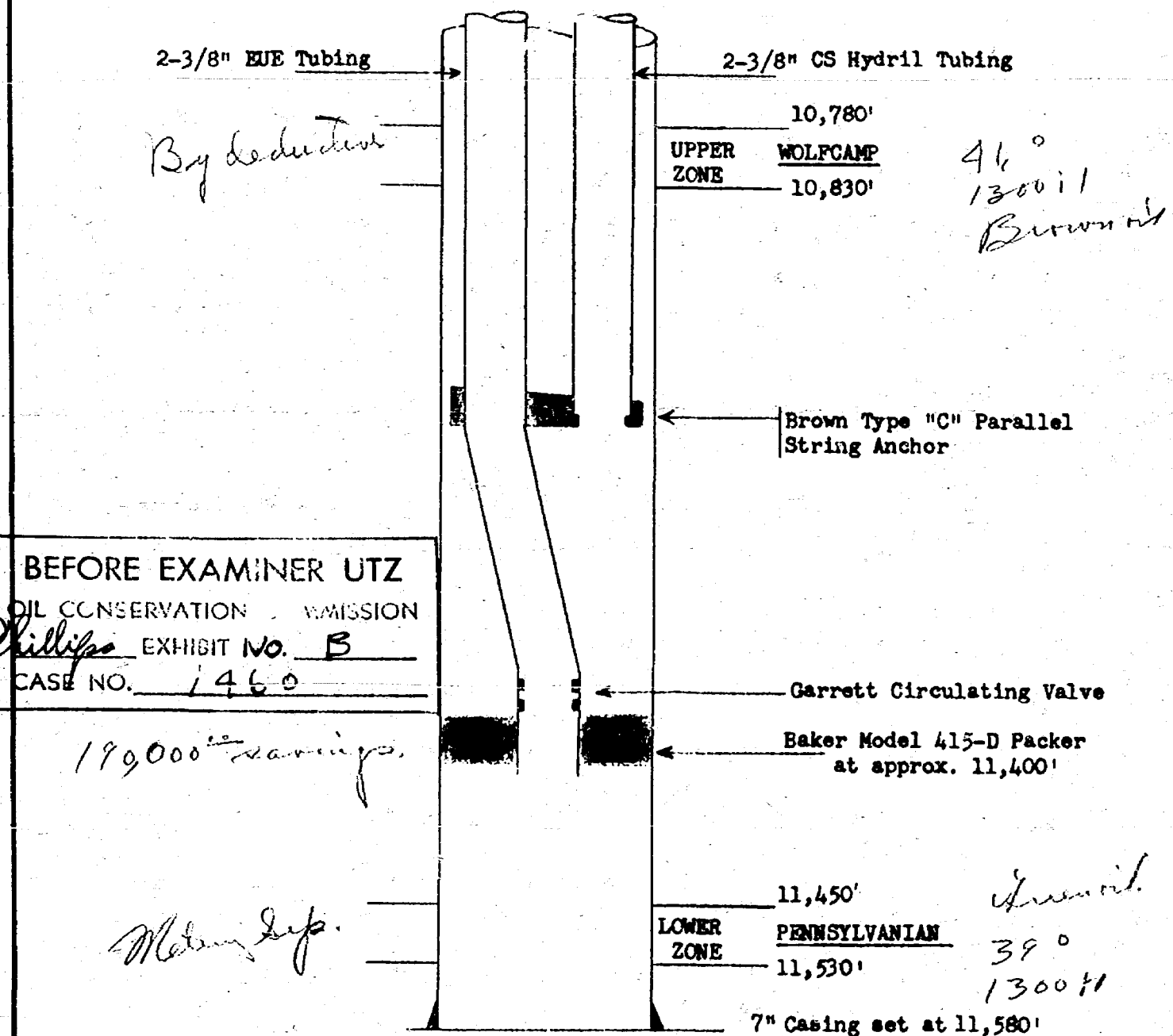
BEFORE EXAMINER UTZ  
 CIL CONSERVATION COMMISSION  
*Phillips* EXHIBIT NO. A  
 CASE NO. 1460

BARTLESVILLE, OKLAHOMA

PHILLIPS PETROLEUM COMPANY  
 NEW MEX "A"  
 Sec 25, T-16-S, R-33-E  
 Lea County, New Mexico

DRAWN	<i>B</i>	REVISION	BY	DATE	AFF. NO.	DWG. NO.
CHECKED <i>1</i>	<i>1/11</i>				SCALE	SHEET NO.
APPROVED						

EXHIBIT "B"



BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION  
*Phillips* EXHIBIT NO. B  
CASE NO. 1460

BARTLESVILLE, OKLAHOMA

PROPOSED DUAL COMPLETION  
NEW MEX "A" No. 1  
LEA COUNTY - NEW MEXICO

DRAWN	<i>B</i>	REVISION	BY	DATE	AFE. NO.	DWG. NO.
CHECKED	4-11-51				SCALE	SHEET NO.
APPROVED						

EXHIBIT "C"

CASE NO. 1460

Revised Request to Produce Wolfcamp and  
Pennsylvanian Crudes Into Common Storage

It is requested that the paragraph of the application which  
read:

"Application is also made to produce Wolfcamp and Pennsylvanian  
crudes into common storage. Pennsylvanian oil will be produced and  
measured through a metering separator that incorporates a cyclic type  
dump meter. Wolfcamp oil production will be determined by deducting the  
metered Pennsylvanian oil from the total gauged production".

be modified to read as follows:

"Application is also made to produce Wolfcamp and Pennsylvanian  
crudes into common storage. Production from both formations will be  
separately measured with positive displacement meters prior to being  
commingled. The meters will be checked for accuracy at intervals satis-  
factory to the Commission."

*Positive displacement  
meters cost 1300.00  
less.*

BEFORE EXAMINER UTZ	
OIL CONSERVATION COMMISSION	
<i>Phillips</i>	EXHIBIT NO. <u>C</u>
CASE NO.	<u>1460</u>