CASE 3494: Application of TEXACO

for a non-standard gas well
location, Lea County, N. Mex.

ASE MO.

APPlication,
Transcripts,
SMAIL Exhibits
ETC.

GOVERNOR JACK M. CAMPBELL CHAIRMAN

# State of New Mexico Bil Conservation Commission

LAND COMMISSIONER GUYTON B. HAYS MEMBER



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

December 6, 1966

Mr. Booker Kelly White, Gilbert, Koch & Kelly Attorneys at Law Post Office Box 787 Ennta Fe, New Mexico

Re: Case No. 3494
Order No. R-3158
Applicant:
TEXACO INC.

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

ir/	
Carbon copy	y of order also sent to:
Hobbs OCC_	×
Artesia OCC	<u> </u>
Aztec OCC _	
OTHER	

## BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE No. 3494 Order No. R-3158

APPLICATION OF TEXACO INC. FOR A NON-STANDARD GAS WELL LOCATION, LEA COUNTY, NEW MEXICO.

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 30, 1966, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 6th day of December, 1966, 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, Texaco Inc., seeks approval of an unorthodox location for its Cotton Draw Unit Well No. 64, located 660 feet from the North line and 1652 feet from the West line of Section 18, Township 25 South, Range 32 East, NMPM, undesignated Devonian gas pool, Lea County, New Mexico.
- (3) That the subject well was drilled at the above-described non-standard location inadvertently.
- (4) That approval of the subject application will prevent waste and will not violate correlative rights.

-2-CASE No. 3494 Order No. R-3158

#### IT IS THEREFORE ORDERED:

- (1) That an unorthodox location is hereby approved for the Texaco Cotton Draw Unit Well No. 64, located 660 feet from the North line and 1652 feet from the West line of Section 18, Township 25 South, Range 32 East, NMPM, undesignated Devonian gas pool, Lea County, New Mexico.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

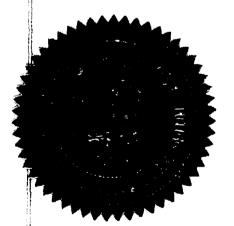
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL. Chairman

GUYTON B. HAYS, Member

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



# OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

	Date 12/2/61
CASE	Hearing Date 9am 1133/66  My recommendations for an order in the above numbered cases are as follows:
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#### DOCKET: EXAMINER HEARING - WEDNESDAY - NOVEMBER 30, 1966

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 Elvis A. Utz, Alternate Examiner:

- CASE 3492: Application of Midwest Oil Corporation for special pool rules, Lea County, New Maxico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the Cinta Roja-Morrow Gas Pool, Lea County, New Mexico, including a provision for 640-acre provation units.
- CASE 3493: Application of H. N. Sweeney for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of its Hale Unit Area comprising 1920 acres, more or less, of Federal, State and Fee lands in Township 20 South, Range 30 East, Eddy County, New Mexico.
- CASE 3494: Application of Texaco Inc. for a non-standard gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of its Cotton Draw Unit Well No. 64 at an unorthodox gas well location 650 feet from the North line and 1652 feet from the West line of Section 18, Township 25 South, Range 32 East, in an undesignated Devonian gas pool, Lea County, New Mexico.
- CASE 3495: Application of Burleson & Huff for a non-standard proration unit and a non-standard location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the approval of a 50.30-acre non-standard oil proration unit comprising all of Lot 3, Section 2, Township 16 South, Range 32 East, North Anderson Ranch-Wolfcamp Pool, Lea County, New Mexico, to be dedicated to a well to be drilled at a non-standard location for said pool 390 feet from the North Line and 330 feet from the East line of said Lot 3.
- CASE 3496: Application of Newmont Oil Company for a waterflood expansion, Zddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand its West Square Lake Waterflood Troject, Square Lake Pool, by the conversion to water injection of its Continental State Wall No. 1, located 1980 feet from the North Line and 1990 feet from the West line of Section 35, Township 16 South, Range 30 East, Eddy County, New Mexico.
- CASE 3497: Application of Me-Tex Supply Company for a non-standard gas proration unit and a non-standard gas well location, hea County, New Mexico. Applicant, in the above-styled cause, seeks the approval of a non-standard gas promation unit comprising Lots 5, 6, 11, 12, 13, and 14 of Section 3, Township 21 South, Range

Docket No. 30-66

#### (Case 3497 continued)

36 East, Eumont Gas Pool, Lea County, New Mexico, to be dedicated to its Wallace State Well No. 3 located at an unorthodox location 3,300 feet from the South line and 1980 feet from the West line of said Section 3. Applicant further seeks the assignment to said proration unit of the accumulated underproduction presently carried by its Wallace State Well No. 2 located in Unit L of said Section 3, said well currently being dedicated to a 160-acre non-standard gas proration unit comprising Lots 5, 6, 11, and 12 of said Section 3, and also the assignment to said unit of the accumulated underproduction presently carried by the aforesaid Wallace State Well No. 3, said well currently being dedicated to an 80-acre non-standard proration unit comprising Lots 13 and 14 of said Section 3.

#### CASE 3498:

Application of Pan American Petroleum Corporation for a pressure maintenance project, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pressure maintenance project in the Pinon Gallup Oil Pool by the injection of water into the Gallup formation through five wells located in Section 19, Township 28 North, Range 11 West and Sections 14, 15, and 24, Township 28 North, Range 12 West, San Juan County, New Mexico. Applicant further seeks the promulgation of special rules for the operation of said project.

#### CASE 3499:

Application of Pan American Petroleum Corporation for pressure interference tests, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to conduct a pressure interference test in the Cato-San Andres Pool, Chaves County, New Mexico, by shutting in a number of its wells in said pool and producing its Baskett "D" Well No. 1 located in Unit G, Section 11, Township 8 South, Range 30 East, Chaves County, New Mexico. Applicant also seeks authority to transfer the allowable from other wells on said Baskett "D" lease to Well No. 1, to temporarily overproduce said lease, and to make-up the overproduction at the conclusion of the test period by curtailment of wells on said lease. Applicant further seeks authority to accumulate underproduction on any lease where wells will be shutin, for production upon conclusion of the interference tests.

## TEXACO

PETROLEUM PRODUCTS

DOMESTIC PRODUCING DEPARTMENT MIDLAND DIVISION



October 25, 1966

P. O. BOX 3109 MIDLAND, TEXAS 79704

ARTING

APPLICATION FOR HEARING
NON-STANDARD GAS WELL LOCATION
LEA COUNTY, NEW MEXICO

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

Attn: Mr. A. L. Porter, Jr.

Gentlemen:

It is respectfully requested that an examiner hearing be scheduled in Santa Fe, New Mexico on the next regularly scheduled hearing date to consider the application of Texaco Inc. for a non-standard location for Texaco's Cotton Draw Unit Well No. 64 in Lea County, New Mexico. At this hearing the applicant will seek an order granting exception to the wildcat gas well location requirements set out in Statewide Rule 104. B.I.(a).

Texaco's Cotton Draw Unit Well No. 64, for which this application is being made, is located as shown by the attached plat 660' FNL and 1652' FWL of Section 18, T-25-S, R-32-E, Lea County, New Mexico. The N/2 of Section 18, comprising 320 acres, has been dedicated to this well. This well was drilled within an initial Devonian participating area covering 2558.64 acres, being described as all of Sections 12 and 13, T-25-S, R-31-E, and all of Sections 7 and 18, T-25-S, R-32-E, Lea County, New Mexico, between the depths of 16,490' and 16,537'. The working interest of the entire initial Devonian participating area is owned 50% by Texaco Inc. and 50% by Pauley Petroleum, Inc. with Texaco Inc. being the operator. All of the royalty interest is owned by the United States Government. The nearest producing wells are those wells two miles east in the Paducah (Delaware) Field. From this it is seen that there are no offset operators to the applicant's well and that the ownership of the entire initial Devonian participating area is common.

DOCKET MULLED

Date 1/18 0 (

The subject well was completed as a discovery gas well in the Devonian formation May 19, 1966. On October 22, 1966 the well was connected to the gas purchaser and production commenced. The well produces from a Devonian interval in an open hole section from the bottom of a 7-5/8 OD liner set at 16,492 to total depth of 16,537.

A copy of this application for hearing is being sent to the State of New Mexico who approved the initial participating area June 30, 1966 and a copy is being sent to the U.S. Geological Survey who approved the initial participating area August 5, 1966.

Yours very truly,

C. L. Whigham

Division Proration Engineer

CLW:jl Attach.

cc: Commissioner of Public Lands

U. S. Geological Survey

New Mexico Oil Conservation Commission (Hobbs)

dearnley-meier seguires

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIMMS BLDG. . P. O. BOX 1092 . PHONE 243-6401 . ALBUQUERQUE, NEW MEXICO

BEFORE THE NEW MEXICO
OIL CONSERVATION COMMISSION
JANTA FE, NEW MEXICO
November 70, 1966

ENAMINER HEARING

In the matter of:

Application of Texaco, Inc., for a nonstandard gas well location, Lea County, New Mexico,

CASE NUMBER 3494

BEFORE:

DANIEL S. NUTTER, Examine:



TRANSCRIPT OF HEARING

1120 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87101 1205 FIRST NATIONAL BANK EAST • PHONE 256-1294 • ALBUQUERQUE, NEW MEXICO 87108 MR. HATCH: Case 3494. Application of Texaco Inc., for a nonstandard gas well location, Lea County, New Mexico.

MR. KELLY: Booker Kelly of White, Gilbert, Koke and Kelly, Santa Fe, New Mexico. On behalf of the applicant I have one witness and ask that he be sworn.

## (Witness sworn)

EDWIN DALE McCARTER, called as a witness on behalf of the applicant, having first been duly sworn, was examined as follows:

## DIRECT EXAMINATION

## BY MR. KELLY:

- Q Would you state your name and position and employer, please?
- A I am Edwin Dale McCarter. I am currently District
  Proration Engineer for Texaco Incorporated at Hobbs, New Mexico.
- Q Had you previously testified as an expert witness before this Commission?
  - A No, I have not.
- Q Would you briefly state your qualifications for the Examiner?
- A I graduated from Louisiana State University in 1961 with a degree of Bachelor of Science in Petroleum Engineering. Upon graduation, I commenced employment with Texaco at Pampa, Texas. I have served in various capacities



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within the Petroleum Engineering Department of Texaco and as stated before, I now serve as District Proration Engineer,

And as part of your duties, are you familiar with Hobbs, New Mexico. the application and the subject well?

A

MR. KELLY: Are the witness' qualifications Yes, sir. I am.

acceptable?

MR. NUTTER: They are.

(Whereupon, Applicants Exhibits 1 through 3 marked for identifica-

(By Mr. Kelly) Would You briefly state what Texaco seeks by this application, referring to what has been marked

Texaco seekd the Commission approval of the nonstandard location of the wildcat gas well, being their Cotton as Exhibit No. 1? Draw Unit Well No. 64, located 660 feet from the north line and 1652 feet from the West Line Section 18, Township 25 South,

What is the location of this well in the extent Range 32 East.

This well -- the orthodox location for this well, would be 1980 from the West Line and 660 from the North Line. of deviation? It's deviation is 328 feet West from the standard location.



SIMMS BLDG. • P.O. BOX 1092 • PHONE 243.6691 • ALBUQUERQUE, NEW MEXICO 87101 FIRST NATIONAL BANK EAST • PHONE 256-1294 • ALBUQUERQUE, NEW MEXICO 87108 Referring to Exhibit -- is this 1?

- Q Yes.
- A You will notice in Section 18 that Number 64 has been designated as a gas well symbol. The standard location is indicated immediately to its right.
  - Q Just a plain circle?
  - A Just a plain circle
- Q Now referring to what has been marked as Exhibit No.

  2, which is the Form C-102, which was furnished by Texaco
  to the Commission, Would you explain how this area arose or
  the non-standard location arose?
- A This is an approved application of permit to drill to the U.S.G.S. along with the Form C-102, attached New Mexico Conservation and Commission Form C-102, indicating the dedicated acreage. The dedicated acreage, is also indicated on the form 9331-C of the U.S.G.S. as a hundred and sixty acres. This location was staked or picked in error at its conception by the erroneous thought that 160 acres would be assigned to the well. If 160 acres would have been assigned to the well, it would have been an orthodox location
- Q Actually 320 is the state-wide unit for wells of this depth. Is that correct?
- A Yes, sir. Being Pennsylvania age or older, it was designated as a Devonion Wildcat location.



SPECIALIZING IN: DEPOSITIONS, HEARINGS,

1120 SIMMS BLDG. • P.O. BOX 1092 1205 FIRST NATIONAL BANK EAST •

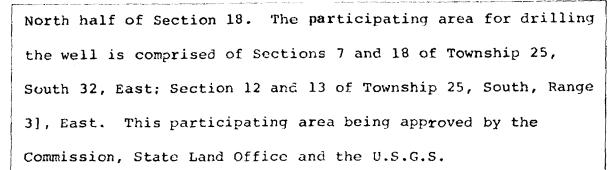
EXPERT TESTIMONY, DAILY COPY,



- So it was merely an initial mistake that the well Q was set on patterns for 160, but 160 was not the proper spacing?
  - Yes, sir.
  - Now, what is the present status of the well?
- The well is currently producing under the authorization of the Commission, under the temporary allowable to land owner incorporated gasoline and this sale actually commenced full time here, I think, last Friday.
  - Now how was this mistake caught?
- This mistake was caught by the New Mexico Oil Conservation Commission, Hobbs District Office.
- And as a result that was after the well was completed is that right?
  - A Yes, sir.
- (By Mr. Kelly) And as a result of that, you did file another Form C-102 which is marked Exhibit No. 3. Is that right?
- Yes, sir. To correct the dedicated acreage and also at that time we made application for a hearing for an unorthodox location.
- Now, referring back to Exhibit No. 1, would you explain the situation as far as the acreage that is dedicated to the well and its surrounding acreage?
  - The acreage dedicated to the well, currently is the Α

SIMMS I 120





- And Texaco is the operator of the Unit?
- Texaco is the operator. The Exhibit 1 designates Α who owns the acreage on all tracts within the entire Cotton Draw Unit Boundary, designated in the lower right-hand corner of each tract, the tract number. As can be seen from this Exhibit, the Texaco and Polly, each own Fifty percent of the acreage inside the entire participating area of the Devonion prospect.
- So the position of the actual well would not affect correlative rights since the operator and owners are the same?
  - Α That is correct.
- Now, was there any -- would there be any geological or other reason for this location other than the area that you have testified to?
- No, sir, I am sure slismic was used to determine the structure and it was located near the crest although I don't think 328 feet would have made much difference.
  - What is the capacity of this well? Q
  - It's potentialled for 92 million cubic feet a day.



That is at open flow.

- In your opinion, would the granting of this application have any affect on correlative rights?
  - A No, sir.
- Q Was Exhibit No. 1 prepared by you or under your supervision?
  - A Yes, sir.
- Q Exhibit 2 and 3 are the Form C-102 which was furnished to the Commission by Texaco?
  - A Yes.

MR. KELLY: We move the inroduction of the Exhibits.

MR. NUTTER: Texaco's Exhibits 1, 2 and 3 will be admitted in evidence.

(Whereupon, Applicant's Exhibits 1 through 3 admitted in evidence.)

MR. KELLY: That's all we have on Direct.

#### CROSS EXAMINATION

#### BY MR. NUTTER:

- Q Is your name McCarter?
- A McCarter.
- Q Mr. McCarter, I noticed the other day someplace, that a second well was being drilled in this pool. What is the location of that well?
  - A This well is located 1980 from the north and East



SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATE MENIS. EXPERT TESTIMONY, DAILY ( 

COPY, CONVENTIONS

lines of Section 2 Township 25, South, 31, East. PAGE 8 designated by a small circle in No. 65.

I see. It might interest you to note or to know that we have noticed quite a few publicity items regarding this well put out by Polly Petroleum Company?

I noticed the other day, that you had contracted to sell 265 billion dollars worth of gas from this well. It may have been a typographical error?

Polly released that.

MR. NUTTER: Are there any further questions of Mr. McCarter? He may be excused.

(Witness excused)

MR. NUTTER: Do you have anything further Mr. Kelly? MR. KELLY: No.

Mr. Nutter: Does anyone have anything they wish to offer in Case 3494? We will take the case under advisement and call a fifteen minute recess.



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dearnley-meier reporting service, inc

STATE OF NEW MEXICO ) ss COUNTY OF BERNALILLO )

I, JERRY POTTS, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached transcript of hearing was reported by me in stenotype and that the same was reduced to typewritten transcript under my personal supervision and contains a true and correct record of said proceedings, to the best of my knowledge, skill and ability.

My Commission Expires:

July 10, 1970

I do bereby sertify that the moregoing in a complete record of the grouped the Expanser bearing of Case No.

New Mexico Oil Conservation Commission

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Cemsur''C''	8 3/8" 6 1/2" tie-back from to 15500'  ment w/1200 sx covey. Use 20% et neat. Set DV etarder & FL addit	7 5/8" 11 5" liner 7" 5 1/2" class "C", 8 excess. **0 tools at 75 dditive + 10 ive; 1000 s	18# 18# 26# 20# 37 gel followed Gement w/4200 sx 500' & 4000'. * 500 sx Trinity I 5x TLW 12.44#/gs	12000' 15500' 0' 12000' by 400 ax ( TLW 12.44i ***Cement wi (Inferno 16.4	12900' -16100' -17500' -12000' -15500' Class "C" #/gal 95% ith 900 s 47#/gal; *****Cem	3900*** 800*** 500*** 1200*** ' neat. ' wtr fo   x TIW 1 1000 sx ent wit	be run  cement  ***  Exact volum  llowed by 60  2.2#/gal w/  TLW 12.2#/gh  800 sx Tri	& 25% excess will be used ne fm calipe 00 sx class 1/4# Flocele cal w/1/4# Infern
Cemesure Company Compa	8 3/8" 6 1/2" tie-back from to 15500'  ment w/1200 sx of vey. Use 20% ef neat. Set DV etarder & FL addit 25#/gal (vol. f	7 5/8" 11 5" liner 7" 5 1/2" class "C", 8 excess. **0 tools at 75 dditive + 10 ive; 1000 s from Caliper	18# 18# 26# 20# 37 gel followed Sement w/4200 sx 500' & 4000'. *	12000' 15500' 0' 12000' by 400 ax ( TLW 12.44i ***Cement wi Inferno 16.4 il 95% wtr. *****Cement	12900' -16100' -17500' -12000' -15500'  Class "C" #/gal 95% ith 900 s 47#/gal; *****Cem	3900*** 800*** 500*** 1200*** ' neat. ' wtr fo x TIW 1 1000 sx ent wit	be run  cement  k*  cement  k*  Exact volum  llowed by 60  2.2#/gal w/  TLW 12.2#/gh  800 sx Tri  inity Inferm	& 25% excess will be used me fm calipe 00 sx class 1/4# Flocele gal w/1/4# Inity Infernation 16.25#/ga
Cemesure ''C'' & Ro	8 3/8" 6 1/2" tie-back from 15500' ment w/1200 sx of vey. Use 20% et neat. Set DV etarder & FL addit 25#/gal (vol. fi ***Cement w/900	1 7 5/8" 11 5" liner 7" 5 1/2" class "C", 8 excess. **C tools at 75 iditive + 10 ive; 1000 s rom Caliper 0 sx Class "	18# 26# 20#  37 gel followed Gement w/4200 sx 500' & 4000'. * 000 sx Trinity I 1x TLW 12.44#/gs 1) 25% excess.	12000' 15500' 0' 12000' by 400 ax ( TLW 12.44; ***Cement w: inferno 16.4 1 95% wtr. ****Cement	12900' -16100' -17500' -12000' -15500'  Class "C" #/gal 95% ith 900 s 47#/gal; ******Cem t with 50 sx Trini	3900*** 800*** 500*** 1200*** ' neat. ' wtr fo x TIW 1 1000 sx ent wit	be run  cement  k*  cement  k*  Exact volum  llowed by 60  2.2#/gal w/  TLW 12.2#/gh  800 sx Tri  inity Inferm	& 25% excess will be used me fm calipe 00 sx class 1/4# Flocele gal w/1/4# Inity Infernation 16.25#/ga
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Cemesure "C" & Re Floor 16.2	8 3/8" 6 1/2" tie-back from to 15500'  ent w/1200 sx of vey. Use 20% et neat. Set DV etarder & FL addit 25#/gal (vol. f ***Cement w/900 ectively perf.	1 7 5/8" liner 7" 5 1/2" 5 1/2" class "C", 8 excess. **C tools at 75 iditive + 10 ive; 1000 s from Caliper 0 sx Class " after analy	18# 26# 20#  37 gel followed 38 gel followed 39 4000'. * 300' & 4000'. * 300 sx Trinity I 30 tx TLW 12.44#/gs 30 25% excess. 30 25% gel follo 31s of bottom h	12000' 15500' 0' 12000' by 400 sx ( TLW 12.44i ***Cement winferno 16.4 195% wtr. ****Cement wed by 300 tole conditi	12900' -16100' -17500' -12000' -15500'  Class "C" #/gal 95% ith 900 s 47#/gal; *****Cem t with 50 sx Trini	3900*** 500*** 1200*** 1200*** 1000 sx TIW 1 1000 sx Tr ty Infe	Exact voluments  Exact	& 25% excess will be used  me fm calipe 00 sx class 1/4# Flocele gal w/1/4# Inity Inferna 16.25#/ga ETION PROGRAM
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O to German Survival	8 3/8" 6 1/2" tie-back from 15500' tent w/1200 sx of 15500' tent w/1200	7 5/8" 11 5" liner 7" 5 1/2"  class "C", 8 excess. **C tools at 75 ditive + 10 cive; 1000 s from Caliper 8x Class " after analy  PROFOSED PROGRAM frill or deepen dire  Andwermeyer al or State office us  to IFANY: 4450' De 5350' Se	iner 39#  18#  26#  20#  37 gel followed  Gement w/4200 sx  600' & 4000'. *  900 sx Trinity I  Ex TLW 12.44#/gs  ) 25% excess.  C" 4% gel follo  sis of bottom h  I: If proposal is to deepe ectionally, give pertinent  FORMATION TO  san Wolfcamp	by 400 sx (c TLW 12.44i t**Cement winferno 16.4al 95% wtr.  *****Cement winderno 16.4al 95% wtr.  ******Cement winderno 16.4al 95% wtr.  *****Cement winderno 16.4al 95% wtr.  ******Cement winderno 16.4al 95% wtr.  ******Cement winderno 16.4al 95% wtr.  *****Cement winderno 16.4al 95% wtr.  ******Cement winderno 16.4al 95% wtr.  ******Cement winderno 16.4al 95% wtr.  ******Cement winderno 16.4al 95% wtr.  *******Cement winderno 16.4al 95% wtr.  *********Cement winderno 16.4al 95% wtr.  ***********************************	12900' -16100' -17500' -17500' -12000' -15500'  Class "C" #/gal 95% ith 900 s 47#/gal; *****Cem t with 50 sx Trini lons.  ve data on pre- locations and gineer  Lower N	3900*** 800*** 500*** 1200*** 1200*** 1000 sx Tr ty Infe:	Exact volument by 61 2.24/gal w/ TLW 12.24/gal w/ TLW 12.24/gal w/ The first cone and proposed true vertical deput true vertic	to 16.25#/gal
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O to German Communication of the Communication of t	8 3/8" 6 1/2" tie-back from 15500' tent w/1200 sx of 15500' tent w/1200	7 5/8" 11 5" liner 7" 5 1/2"  class "C", 8 excess. **C tools at 75 ditive + 10 cive; 1000 s from Caliper 8x Class " after analy  PROFOSED PROGRAM frill or deepen dire  Andwermeyer al or State office us  to IFANY: 4450' De 5350' Se	iner 39#  18#  26#  20#  37 gel followed  Gement w/4200 sx  600' & 4000'. *  900 sx Trinity I  Ex TLW 12.44#/gs  ) 25% excess.  C" 4% gel follo  sis of bottom h  I: If proposal is to deepe ectionally, give pertinent  FORMATION TO  can Wolfcamp errow Clastic	by 400 sx (c TLW 12.44;  ***Cement w: inferno 16.4  il 95% wtr.  ****Cement wed by 300  iole conditi  or plug back, gidata on subsurface  Civil En  APPROVAL DA  OPS EXPECTE  11, 350'  14, 800'	12900' -16100' -17500' -17500' -12000' -15500'  Class "C" #/gal 95% ith 900 s 47#/gal; *****Cem ** with 50 sx Trini lons.  ve data on pre- plocations and gineer  D Lower M Revoni	3900*** 800*** 500*** 1200*** 1200*** 1000 sx Tr ty Infe:	Exact volument was cement was cem	to 16.25#/gal

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. \*\*
CASE NO. \*\*

# WELL LOCATION AND ACREAGE DEDICATION PLAT

Thim C+102 Supersedes C-128 'Elloctive 1-1-65

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## NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C=162 Supresedes G-128 Effective 14-65

8174

All distances must be from the outer boundaries of the Section Contator Lease 64 PEXACO Inc Cotton Draw Unit Unit Letter Township Section Honge County 25 S 18 32 Lea Actual Footoge Location of Well: West Sec. 18 1652 660 North feet from the Ground Level Clev. Producing Formation l'ooi Dedicated Acreage: 320 Wildcat. Devonian Not Avaiable 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? If answer is "yes!" type of consolidation Unitization & Development Agreement If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)\_ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Velten 320 Ac. Division Civil Engineer Cotton Draw Unit TEXACO Inc. TEXACO Inc. Open. Total: 35,144.36 Ac. 10/21/66 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. BEFORE EXAMINER NUTTER OIL CONSERVATION Date Surveyed 9/12/66 EXHIBIT Registered-Professional Engineer CASE NO. Velten Certificate No.

196 1920 1660 1960, 2310 2640

Memo D.S. NUTER CHIEF ENGINEER