

2542: Application of PAN AM.
for a train compilation of 14-

254/0.

254/0

fiction, Transcript,
all Exhibits, Etc.

FORM 9 9-49

TO:

W. E. THOMAS
BOX 1410

DATE

FLOOR NO.

REMARKS

FORT WORTH, TEXAS

FROM

GOVERNOR
EDWIN L. MECHEM
CHAIRMAN

State of New Mexico
Oil Conservation Commission

LAND COMMISSIONER
E. S. JOHNNY WALKER
MEMBER



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

P. O. BOX 871
SANTA FE

May 3, 1962

Mr. Paul Cooter
Atwood & Malone
P. O. Drawer 700
Roswell, New Mexico

Re: Case No. 2540
Order No. R-2230
Applicant:
Pan American Petroleum Corp.

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 of order also sent to:

Hobbs OCC x

Artesia OCC

Aztec OCC

OTHER Mr. Guy Buell - Pan American

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. 2540
Order No. R-2230

APPLICATION OF PAN AMERICAN PETROLEUM
CORPORATION FOR A TRIPLE COMPLETION,
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 25, 1962, 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 3rd day of May, 1962, 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, Pan American Petroleum Corporation, seeks permission to complete its State "CK" Well No. 2, located in the NE/4 SW/4 of Section 19, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, as a triple completion (conventional) in the Drinkard, Blinebry and Paddock Oil Pools with the production of oil from the Paddock and Blinebry zones to be through 2 1/16-inch tubing and the production of oil from the Drinkard zone to be through a string of 2 3/8-inch tubing.
- (3) That the mechanics of the proposed triple completion are feasible and in accord with good conservation practices.
- (4) That approval of the subject application will neither cause waste nor impair correlative rights.

-2-

Case No. 2540
Order No. R-2230

IT IS THEREFORE ORDERED:

(1) That the applicant, Pan American Petroleum Corporation, is hereby authorized to complete its State "CK" Well No. 2, located in the NE/4 SW/4 of Section 19, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, as a triple completion (conventional) in the Drinkard, Blinebry and Paddock Oil Pools with the production of oil from the Paddock and Blinebry zones to be through parallel strings of 2 1/16-inch tubing and the production of oil from the Drinkard zone to be through a string of 2 3/8-inch tubing.

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.

PROVIDED FURTHER, That the applicant shall conduct packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Drinkard zone, and at such other times as the Secretary-Director of the Commission may prescribe.

(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 this day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



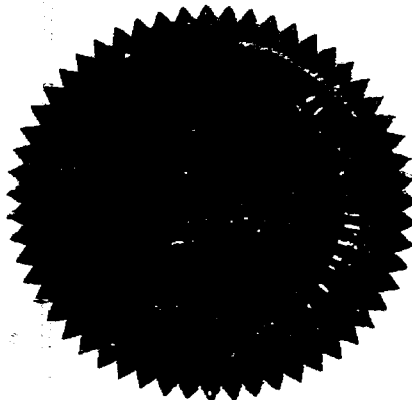
EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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



12/

Case 2540

Read 4-25-62

Rec. 4-26-62

1. Grant Pan Am's request for a
triple completion for:

Paddock-Oil

Blendby -

Drinkard-Oil.

This is to be a "conventional" Triple
with 3 strings of tubing & 2 packers.

2. Use usual Triple order.

Threat. H

3. Well is Pan Am. State "CT" #2

K-19-215-37E.

DOCKET: EXAMINER HEARING - WEDNESDAY - APRIL 25, 1962

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

The following cases will be heard before Elvis A. Utz, Examiner, or Daniel S. Nutter, as alternate Examiner:

- CASE 2532: Application of Zapata Petroleum Corporation for two additional injection wells, Maljamar Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to convert its Phillips 8-B Wells No. 3 and 5 located respectively in Units H and B, Section 19, Township 17 South, Range 33 East, Lea County, New Mexico, to water injection wells in its pilot waterflood project in the Maljamar (Grayburg-San Andres) Pool authorized by Order No. R-2157.
- CASE 2533: Application of Amerada Petroleum Corporation for a pressure maintenance project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to institute a pressure maintenance project in that portion of the Saunders Permo-Pennsylvanian Pool underlying the S/2 S/2 of Section 3 and N/2 of Section 10, Township 15 South, Range 33 East, Lea County, New Mexico, with the injection of water into the Pennsylvanian formation initially to be through one well located in the NE/4 NW/4 of said Section 10.
- CASE 2534: Application of Amerada Petroleum Corporation for a quadruple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its State NJ "A" Well No. 3 located in Unit A of Section 2, Township 25 South, Range 37 East, Lea County, New Mexico, as a quadruple completion (combination) in the San Andres, Blinbry, Drinkard and Devonian formations in the North Justis Field with the production of oil from the Devonian and Drinkard formations to be through separate strings of 1 1/2-inch tubing set within parallel strings of 3 1/2-inch casing, and the production of oil from the Blinbry formation through a parallel string of 2 7/8-inch casing; applicant proposes to dispose of salt water into the San Andres formation through a parallel string of 2 3/8-inch casing.
- CASE 2535: Application of Amerada Petroleum Corporation for a quadruple completion and a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its L. G. Warlick "A" Well No. 1, located in Unit I of Section 19, Township 21 South, Range 37 East, Lea County, New Mexico, as a quadruple completion

(combination) in the Eumont Gas, Blinebry Oil, Penrose-Skelly Oil and Drinkard Oil Pools with the production of oil from the Drinkard and Penrose-Skelly formations to be through parallel strings of 2 7/8-inch casing, the production of oil from the Blinebry formation through a string of 1 1/4-inch tubing set within another parallel string of 2 7/8-inch casing and the production of gas from the Eumont formation through the casing-tubing annulus. Applicant further seeks the establishment of a 160-acre non-standard gas proration unit in the Eumont Gas Pool comprising the S/2 NE/4 and the N/2 SE/4 of said Section 19, said unit to be dedicated to said L. G. Warlick "A" Well No. 1.

CASE 2536:

Application of William A. & Edward R. Hudson for a secondary recovery project, Maljamar Pool, Eddy County, New Mexico. Applicants, in the above-styled cause, seek permission to institute a secondary recovery project in the Maljamar Pool in an area underlying their Puckett "A" and "B" Leases located in Section 24, Township 17 South, Range 31 East, Eddy County, New Mexico, with the injection of water into the Grayburg-San Andres formation initially to be through six wells, said project to be governed by the provisions of Rule 701.

CASE 2537:

Application of J. C. Williamson for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Westates-Federal Well No. 8 located in Unit E of Section 1, Township 25 South, Range 37 East, Lea County, New Mexico, as a dual completion (conventional) in the North Justis-McKee Pool and an undesignated Montoya pool with the production of oil from both zones to be through parallel strings of tubing.

CASE 2538:

Application of Southwest Production Company for a non-standard oil proration unit, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of a 73.89-acre non-standard oil proration unit in the Cha Cha-Gallup Oil Pool comprising the NE/4 SE/4 and that portion of the NW/4 SE/4 lying North of the mid-channel of the San Juan River, of Section 16, Township 29 North, Range 14 West, San Juan County, New Mexico, said unit to be dedicated to the Foutz-State Well No. 1, located 1912 feet from the South line and 2310 feet from the East line of said Section 16.

- CASE 2539: Application of Pan American Petroleum Corporation for an exception to Order No. R-333-E, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-333-E to permit the extension of the terminal date for the 1961 deliverability test period from December 15, 1961, to March 1, 1962, for ten wells located in Townships 27 and 28 North, Ranges 10 and 11 West, San Juan County, New Mexico.
- CASE 2540: Application of Pan American Petroleum Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its State "CK" Well No. 2, located in the NE/4 SW/4 of Section 19, Township 21 South, Range 37 East, Lea County, New Mexico, as a triple completion in the Drinkard, Blinebry and Paddock Oil Pools with the production of oil from the Blinebry and Drinkard formations and the production of undetermined hydrocarbons from the Paddock formation.
- CASE 2541: Application of J. Glenn Turner for a dual completion, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Ballard Well No. 11-15 located in Unit D of Section 15, Township 26 North, Range 9 West, San Juan County, New Mexico, as a dual completion (conventional) in the Basin-Dakota Gas Pool and an undesignated Gallup oil pool with the production of gas from the Dakota formation and the production of oil from the Gallup formation to be through parallel strings of 2 1/16-inch tubing.
- CASE 2542: Application of La Plata Gathering System, Inc. for a dual completion, a non-standard gas proration unit, and an unorthodox gas well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete a gas well to be located at an unorthodox gas well location 1980 feet from the South line and 734 feet from the East and West lines of Section 19, Township 32 North, Range 5 West, Rio Arriba County, as a dual completion (conventional) in the Blanco-Mesaverde and Basin-Dakota Gas Pools with the production of gas from the Dakota formation to be through a string of 2 1/16-inch tubing and the production of gas from the Mesaverde formation to be through a parallel string of 1 1/2-inch tubing. Applicant further seeks the establishment of a 355.25-acre non-standard gas proration unit in the aforesaid pools comprising all of Sections 18 and 19, in said township to be dedicated to the above-described well.

- CASE 2543: Application of G. W. Strake for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its LeBow-Federal Well No. 6 located in Unit I of Section 25, Township 19 South, Range 30 East, Eddy County, New Mexico, as a dual completion (conventional) in the North Hackberry-Yates and Hackberry-Seven Rivers Pools with the production of oil from both formations to be through parallel strings of 2 1/16-inch tubing.
- CASE 2544: Application of Perry R. Bass for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Plains Unit Agreement embracing 7,198.01 acres, more or less, of federal lands in Township 19 South, Range 32 East, Lea County, New Mexico.
- CASE 2545: Application of The British American Oil Producing Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Jalmat Field-Yates Sand Unit Agreement embracing 2,760 acres, more or less, of State and fee lands in Township 22 South, Range 35 East, Lea County, New Mexico.
- CASE 2546: Application of The British American Oil Producing Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to institute a waterflood project in the Yates formation in the Jalmat Pool in an area underlying its proposed Jalmat Field-Yates Sand Unit Area, comprising 2,760 acres, more or less, in Township 22 South, Range 35 East, Lea County, New Mexico, with injection of water initially to be through 16 wells located within said unit area, the project to be governed by the provisions of Rule 701.

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 268
Lubbock, Texas
March 22, 1962

File: CDF-6085-986.510.1

Subject: Application for Permission To
Triple Complete the Pan American-
State "CK" No. 2 in the Drinkard (oil)
Blinebry (oil) and Paddock (oil) Pools
Lea County, New Mexico

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

Dear Sir:

In accordance with the provision of Statewide Rule 112, Pan American Petroleum Corporation respectfully requests that you schedule for an early docket a hearing to consider its application for permission to triple complete the subject well in the Drinkard, Blinebry and Paddock Oil Pools. As shown on the attached plat, this well is located 330' from the south and east lines of the NE/4 of the SW/4, Section 19, T-21-S, R-37-E.

Our Hobbs Area Office is presently processing through administrative channels, an application to dual complete this well in the Drinkard and Blinebry Oil Pools in order that allowables may be obtained as soon as practical for these horizons. It is our intent to proceed with testing the Paddock at Pan American's risk pending hearing and approval of this application.

Three copies of State form "Application for Multiple Completion" and a log of State "CK" No. 2 with the perforated intervals indicated thereon is enclosed.

By copy of this letter, we are advising the four offset operators of Pan American's application.

Yours very truly,

A. J. Inderrieden
A. J. Inderrieden
District Engineer

WJS: lm/ss
Attachment

cc: Gulf Oil Corp. - Roswell, New Mexico
Texaco, Inc. - Midland, Texas
J. W. Perry - Midland, Texas
Amerada Petroleum Corp. - Midland, Texas

*Docket
mailed 4/12/62 gh*

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

MAIN OFFICE

Operator Pan American Petroleum Corporation		County Lea	Date 3-23-62
Address P. O. Box 268, Lubbock, Texas		Lease 10022 MAR 1962	Well No. 2
Location of Well K	Unit 19	Township 21-S	Range 37-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X
2. If answer is yes, identify one such instance: Order No. _____; Operator, Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Padgock	Blinebry	Drinkard
b. Top and Bottom of Pay Section (Perforations)			6649-6659
c. Type of production (Oil or Gas)	To Be Tested	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	To Be Tested	Flowing	Flowing

4. The following are attached. (Please mark YES or NO)

- No 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.
- Yes 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.
- Yes 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.*
- Yes d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Gulf Oil Corporation, Attn: Mr. M. I. Taylor, P. O. Drawer 669, Roswell, New Mexico

Texaco Inc., Attn: Mr. W. A. Lenz, P. O. Box 3109, Midland, Texas

Mr. J. W. Perry, 2000 Sands Street, Midland, Texas

Amerada Petroleum Corporation, Attn: Mr. R. E. Seifert, P. O. Box 312, Midland, Texas

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification **3-23-62**.

CERTIFICATE: I, the undersigned, state that I am the **District Engineer** of the **Lubbock District Office** **Pan American Petr. Corp.** (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.

A. G. Inderrieden
A. G. Inderrieden 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 either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator Pan American Petroleum Corporation		County Lea	Date 3-23-62
Address P. O. Box 268, Lubbock, Texas		Lease State OK	Well No. 2
Location of Well K	Unit 19	Township 21-S	Range 37-E

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 ☒
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	Padlock	Blinberry	Briskard
b. Top and Bottom of Pay Section (Perforations)			6649-6659
c. Type of production (Oil or Gas)	To Be Tested	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	To Be Tested	Flowing	Flowing

4. The following are attached. (Please mark YES or NO)

- ☒ 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.
- ☒ 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.
- ☒ 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.*
- ☒ 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 111A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Gulf Oil Corporation, Attn: Mr. M. I. Taylor, P. O. Drawer 669, Roswell, New Mexico

Teneco Inc., Attn: Mr. W. A. Lenz, P. O. Box 3109, Midland, Texas

Mr. J. W. Perry, 2000 Sands Street, Midland, Texas

Amerada Petroleum Corporation, Attn: Mr. R. E. Seifert, P. O. Box 312, Midland, Texas

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 **3-23-62**.

CERTIFICATE: I, the undersigned, state that I am the **District Engineer** of the **Lubbock District Office** **Pan American Petr. Corp.** 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.

A. J. Indersieder
A. J. Indersieder 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 either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator Pan American Petroleum Corporation		County Lea	Date 3-23-62
Address P. O. Box 268, Lubbock, Texas		Lease State OK	Well No. 2
Location of Well K	Unit 19	Township 21-S	Range 37-S

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X

2. If answer is yes, identify one such instance: Order No. _____; Operator, Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Paddock	Blinsbury	Brinkard
b. Top and Bottom of Pay Section (Perforations)			6649-6639
c. Type of production (Oil or Gas)	To Be Tested	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	To Be Tested	Flowing	Flowing

4. The following are attached. (Please mark YES or NO)

- No 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.
- Yes 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.
- Yes 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.*
- Yes d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Gulf Oil Corporation, Attn: Mr. M. I. Taylor, P. O. Drawer 669, Roswell, New Mexico

Tenneco Inc., Attn: Mr. W. A. Lenz, P. O. Box 3109, Midland, Texas

Mr. J. W. Perry, 2000 Sande Street, Midland, Texas

Amerada Petroleum Corporation, Attn: Mr. R. E. Seifert, P. O. Box 312, Midland, Texas

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification **3-23-62**.

CERTIFICATE: I, the undersigned, state that I am the **District Engineer** of the **Lubbock District Office** **Pan American Petr. Corp.** (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.

A. J. Indemieden
A. J. Indemieden 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 either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

PAN AMERICAN PETROLEUM CORPORATION

Post Office Box 68
Hobbs, New Mexico

April 9, 1962

File: VES-121-400.1

Subject: Application for Administrative
Approval, Triple Completion
State "CK" Well No. 2

New Mexico Oil Conservation Commission
Post Office Box 691
Santa Fe, New Mexico

Attention: Mr. J. E. Kapteina


Dear Sir:

In reference to our telephone conversation on March 28, 1962, regarding the subject well, you will find attached Pan American Petroleum Corporations' application for administrative approval of a triple completion of the State "CK" Well No. 2 in the Drinkard, Blinebry, and Paddock (Oil) Pools.

This application will supersede our previous application dated March 27, 1962 for a dual Drinkard-Blinebry (Oil) completion on the same well. It is my understanding that you have received a request from Pan American Petroleum Corporation requesting a hearing be called with respect to triple completion of the State "CK" Well No. 2. If after review, of our application, administrative approval can be furnished, please cancel the request for a hearing. If however, it develops the administrative route cannot be utilized, please process the request for hearing.

Your cooperation in handling this matter will sincerely appreciated.

Yours very truly,


V. E. Staley
Area Superintendent

JMM/bsh
Attachment

APR 11 PM 1:30
NEW MEXICO OIL CONSERVATION COMMISSION

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator Pan American Petroleum Corporation		County Lea	Date 3-10-62
Address Box 68 Hobbs, New Mexico		Lease State "CK"	Well No. 2
Location of Well K	Unit 19	Township 21S	Range 37E

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 ☐
2. If answer is yes, identify one such instance: Order No. MC-2136; Operator, Lease, and Well No.: Texaco, Inc. V. M. Henderson Well No.6, Unit C, Sec. 30, T-21S, R-37E

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Undesignated-Paddock	Undesignated-Blinbry	Undesignated-Drinkard
b. Top and Bottom of Pay Section (Perforations)	5158-5168	5803-5938	6649-6659
c. Type of production (Oil or Gas)	Oil	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Flowing	Flowing	Flowing

4. The following are attached. (Please mark YES or NO)

- Yes 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.
- Yes 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.
- Yes 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. *
- Yes 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.

Amerada Petroleum Corporation, Drawer D, Monument, New Mexico

Gulf Oil Corporation, P. O. Box 2167, Hobbs, New Mexico

J. W. Peery c/o Pech Oil Co. Mid America Bldg, Midland, Texas

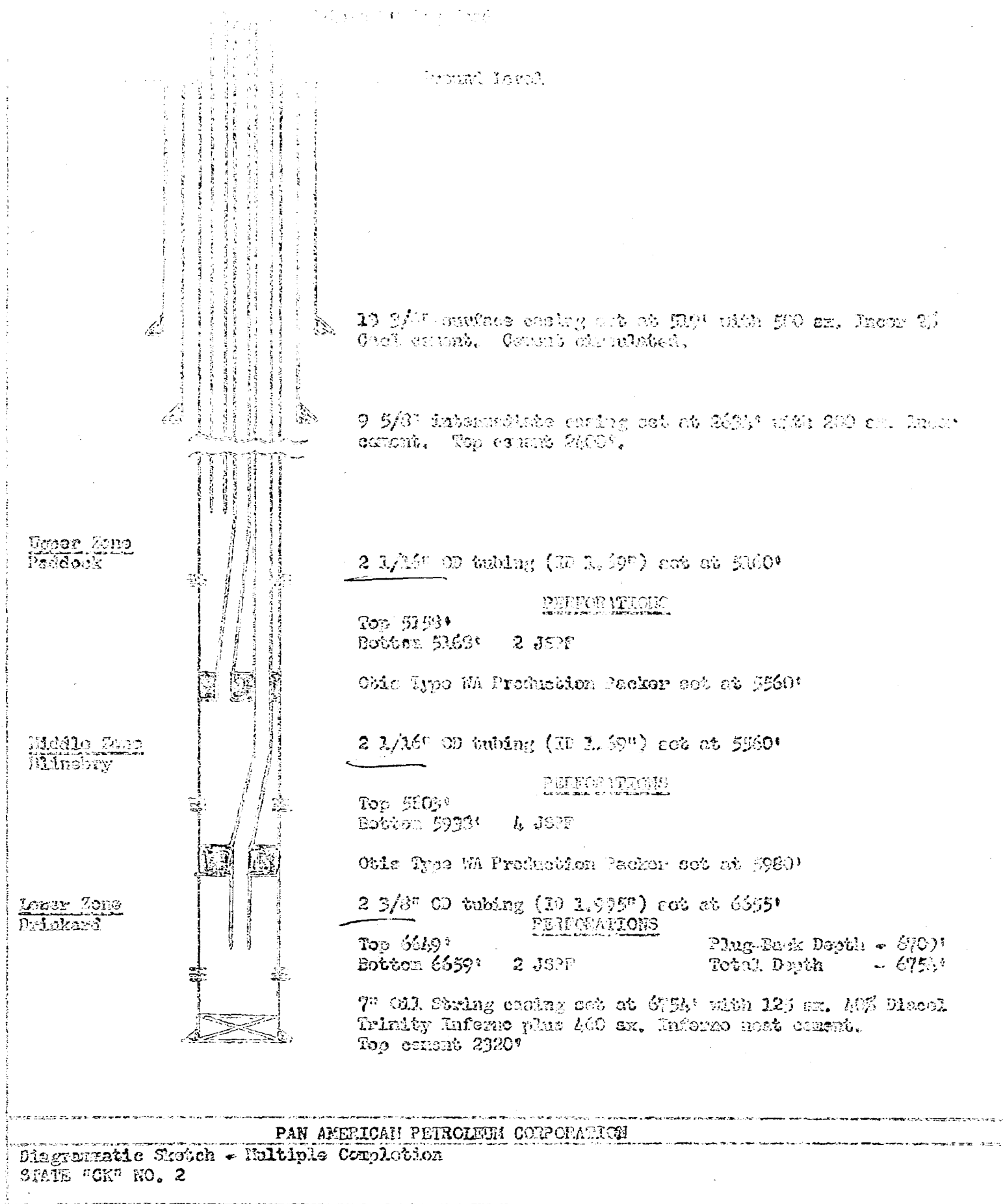
Texaco Inc. Box 728, Hobbs, New Mexico

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 10, 1962

CERTIFICATE: I, the undersigned, state that I am the Area Superintendent of the Pan American Petroleum Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

- * Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.
- NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard production unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



R-36-E

R-37-E

H.T. Matforn
GULF C

CONT

3542'
1-7896
370 STD.
34 T.O.P.
7160 MCFD.
1-16-55

MAKIN DRLO

PENROSE-
SKELLY
QN.-3435

*3

02

04

01

01

State
PAN AM

OHIO

L.G. Warlick
GEN. CR - MAG.

U.S.A.
M. Lockhart
CONT. QOS

State
GULF

COAT & JACKSON

GULF Eunice
Gas Unit

U.S.A.
Edna Elliot
BARNSDA

State
GULF

H. LEONARD J.
3541'
Dual 1-6987
3850 T.D.
3582 T.P. (Penrose)
4414 MCFD.
3768 T.P. (Gray)
F. 46/D. 38/04 ch.
7-30-56

AMERADA

RIGHTS ABOVE
3900' COMMITTED
TO GULF EUNICE
GAS UNIT

L.G. Warlick
AMERADA

BARNSDA

T-21-S

GULF

CK
State
PAN AM

9
GULF Eunice
Gas Unit No. 1
(A Eumont Gas Well)

PADDOCK
BLINE BRY
DRINKARD

H.T. Matforn
GULF

3826'
2-5045
3623 T.D.
3720 T.P.
F. 45/D. 14 ch.
3-16-43

U.S.A.
(Sam Weiner)
J.W. PERRY

20'
11-31
O.T.D.
MCFD.

6758 T.D.
5153 T.P. (Pad)
F. 99/D. 3 BW/24 ch.
6681 T.P. (Drink)
F. 148/D. 6 BLW/24 ch.
1-24-62

Drinkard (Oil)
Paddock (Oil)

V. Henderson
TEXAS

"13"
State-Ramsey
GULF

(BAY PET.)
3532'
1-1680
3958 T.D.
2-23-43

08

07

09

03

05

30

H.T. Matforn
GULF

01

01

Grade of Service
This is a first class
telegram and is subject to
delays in delivery by the
operator.

WESTERN UNION

TELEGRAM

W. P. MARSHALL, PRESIDENT

The time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination.

04
L 3 DB321

3 158 COLLECT-FAX MIDLAND TEX 2 40P

E STALEY, AREA SUPT-

PAN AMERICAN PETROLEUM CORP HOODES NEWEX

TEXACO INC HAS BEEN DULY NOTIFIED BY PAN AMERICAN
PETROLEUM CORPORATION THAT THEIR STATE OIL FIELD
LOCATED IN THE NE/4 & NW/4 SECTION 39, T-17-S, R-10-E,
COUNTY, NEW MEXICO HAS BEEN TRIPLY COMPLETED IN
SHANKARD, BLINEBRY, AND PADDON FORMATIONS. TEXACO
AS AN OFFSET OPERATOR HAS NO OBJECTIONS TO THIS
COMPLETION AND HEREBY WAIVES ALL RIGHTS OF
TEXACO INC W C LENZ GENERAL SUPERINTENDENT
DRILLING AND PRODUCTION.

THE OPERATOR HEREBY APPROVES THE ABOVE AND AGREES TO THE SAME.

WESTERN UNION

TELEGRAM

EST. 1852

FOR THE COLLECTION OF
PAN AMERICAN PETROLEUM
TUBES HERE

WITH NO V. E. STALETT

AMERICAN PETROLEUM COMPANY
PROTEST FOR OUTSTANDING DEBENTURE

COMPLETION PAN AMERICAN PETROLEUM

INDUCTION 17 1845 1875 254 COUNTY NEW YORK

R. S. CHURCHIE AMERICAN PETROLEUM

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS CUSTOMERS CONCERNING

WESTERN UNION

TELEGRAM

W. P. MARSHALL, President

12th St. N.W.

12th St. N.W.

Time of message in the day here on domestic telegrams is LOCAL TIME at point of origin. Time of message is LOCAL TIME at point of destination.

NOV 29 1914

NOV 29 1914

URGENT 11-29-14

TO NEW YORK

FROM NEW MEXICO

RE NEW MEXICO

URGENT 11-29-14

TO NEW YORK

FROM NEW MEXICO

RE NEW MEXICO

URGENT 11-29-14

TO NEW YORK

FROM NEW MEXICO

RE NEW MEXICO

URGENT 11-29-14

TO NEW YORK

FROM NEW MEXICO

RE NEW MEXICO

URGENT 11-29-14

TO NEW YORK

FROM NEW MEXICO

RE NEW MEXICO

URGENT 11-29-14

TO NEW YORK

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URGENT 11-29-14

TO NEW YORK

FROM NEW MEXICO

RE NEW MEXICO

URGENT 11-29-14

TO NEW YORK

FROM NEW MEXICO

RE NEW MEXICO

URGENT 11-29-14

TO NEW YORK

FROM NEW MEXICO

RE NEW MEXICO

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
April 25, 1952

IN THE MATTER OF:

Application of Pan American Petroleum Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its State "CK" Well No. 2, located in the NE/4 SW/4 of Section 19, Township 21 South, Range 37 East, Lea County, New Mexico, as a triple completion in the Drinkard, Blinebry and Paddock Oil Pools with the production of oil from the Blinebry and Drinkard formations and the production of undetermined hydrocarbons from the Paddock formation.

CASE
2540

BEFORE:

Elivs A. Utz, Examiner.

TRANSCRIPT OF HEARING

MR. UTZ: Case 2540.

MR. MORRIS: Application of Pan American Petroleum Corporation for a triple completion, Lea County, New Mexico.

(Witness Sworn)

MR. COOTER: Paul Cooter of Atwood and Malone, Roswell, appearing for the applicant.

MR. UTZ: Are there appearances in this case? You may proceed.



W. J. STANDIDGE, JR. called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. COOTER:

Q State your name for the record, please.

A W. J. Standidge, Junior.

Q Mr. Standidge, by whom are you employed and in what capacity?

A I'm employed by Pan American Petroleum Corporation in their Lubbock district office. I am a petroleum engineer senior grade.

Q Have you previously testified before the Commission?

A I have.

MR. COOTER: Are the witness's qualifications acceptable to the Commission?

MR. UTZ: Yes, they are.

Q (By Mr. Cooter) Mr. Standidge, what is the location of the proposed triple completion?

A The well which we propose to triple complete is known as the Pan American State "OK" No. 1. It is located approximately three miles northwest of Eunice, New Mexico, in Section 19, Township 21 South, Range 37 East. The location itself is spotted 330 feet from the south, west and east lines of the Northeast Quarter of the Southwest 1/4 of Section 19.

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C.
FARMINGTON, N. H.
PHONE 325-1182

DEARNLEY-MEIER REPORTING SERVICE, Inc.
FARM PHOTOGRAPHY

ALBUQUERQUE, N. M.
PHONE 243-6691

(The following is a summary of the information received from Mr. J. H. [Name] of the [Company], who has been conducting investigations in the area of the [Location].)

A. The first well mentioned is located in the [Area] and is known as [Well Name]. It is a [Type] well and is reported to be a triple Drinker-El-Bineby oil well. The Texas-Montrose No. 6 in Unit C of Section 30 is also reported to be a triple Drinker-El-Bineby oil well. The latter, I believe, is similar to the latter No. 2, located in Unit C of Section 12 is a dual Drinker-El-Bineby well. Perry also has in Unit F a well No. 2 which is a dual Drinker-El-Bineby well. You have heard this morning Case Number 2533 which involves Amarula's application for permission to quadruple complete their Harlick Well No. 1 "A", located a half a mile east of San American's well.

Accordingly, I now direct your attention to [Name] to relate the

3. Mr. Standish, I now direct your attention to attachment No. 2 of Exhibit Number 1 and ask you to relate what that is.

Attachment No. 2 is a schematic or diagrammatic sketch showing the manner in which Pan American has completed Well No. 2. Starting at the top on the right we have 13 and 3/8 inch surface casing set at 512 feet with 500 sacks of cement, this cement circulated to the surface. We have 9 and 5/8 inch

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PHONE 243-6691

intermediate casing set at 3524 with 200 sacks of cement. The top of this cement is at 2400. We have 7 inch casing set at 5754, with 125 sacks of cement plus 40 percent liacil, plus 410 sacks of neat cement. The top of this cement is at 2320 which is up inside the intermediate pipe. We have packers, Otis type MS production packers set above the Drinkard perforations; and the next packer is above the Blinbry perforations and below the Paddock perforations. Separate strings of tubing are provided to produce each of the three intervals. The Drinkard perforations are at 5649-59, the Blinbry is selectively perforated in a number of two-foot intervals ranging from 5893 to 5938. The Paddock is perforated at 5158 to 56. On initial testing the Drinkard interval flowed 88 barrels of oil and no water in 12 hours on a 14/64 choke with a 750 gas-oil ratio and a corrected API gravity 38.4 degrees. The Blinbry flowed 51 barrels of oil and no water on a 14/64 inch choke, with a gas-oil ratio of 2429. The corrected gravity was 34.7 degrees. The Paddock interval on an initial test flowed 77 barrels of oil and no water on a 19/64 inch choke with a gas-oil ratio of 134. The corrected gravity was 37.9.

Q In your opinion, Mr. Standridge, from the method of completion of this well, would there be a separation or would that separation be maintained between the production zones?

A In my opinion, yes, this is what I believe is termed



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a conventional multiple completion with separate strings of tubing provided for each interval in a cased hole. The packers are made by a reputable manufacturer and packer leakage tests are now being conducted to determine that there is no communication within the well bore.

Q Has Pan American procured waivers from the offset operators?

A There are four offset operators involved as we have secured telegrams from each of these four people, copies of which are shown as attachments 3-A, B, and C, two being on one page. I might point out that the J. W. Fatty interest which offsets us to the east is also known as Peak Oil Company which their waiver is signed for.

Q I now invite your attention to attachment 4 to the Exhibit and ask you to relate what that is.

A Attachment 4 is a gamma ray neutron log of the well in question. We have indicated thereon in red the various perforated intervals.

Q I call your attention to the attachment 5, it is a copy of your application to the Commission, is it not?

A Attachment 5 is a copy of our original application. At the time that application was submitted, I call your attention to the fact that we had not tested the Paddock and we were unable to designate for sure that it would be oil productive



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PAGE

...since then it has produced oil.

...have the attachments to Exhibit 1, attachments 1 through 5 --

A 5.

Q Well, "being a copy of the application, but were the actual attachments either prepared by you or under your direct supervision and control?

A They were.

MR. COOTER: We offer all of the attachments 1 through 5, which compose Exhibit 1, into evidence.

MR. UTZ: Without objection, the Exhibit 1 with attachments 1 through 5 will be entered into this case.

Q (By Mr. Cooter) Do you have anything further to state?

A We might point out that we think this will protect correlative rights, and by triple completing the well it will avoid economic waste in that an additional unnecessary well will not be required. We were quite fortunate on this well, everything seemed to click. We completed the well for \$110,000. We estimate that three separate wells to this horizon would cost in the neighborhood of \$195,000.00, effecting a savings of \$85,000.

MR. COOTER: That's all we have.



CROSS EXAMINATION

BY MR. UTZ:

Q Mr. Standidge, was the test on your Paddock test a 12 hour test or did you give it time -- I believe that was a 24 hour test?

A 24 hours.

Q On the Blinebry it was how long?

A The Blinebry, 24 hour test.

Q And it was 12 on the Glorieta?

A That is correct.

Q Do you have the tops of these three formations available?

A I believe I can call them for you on the log. I would pick the top of the Drinkard at approximately 6,320; the top of the Blinebry at 5,520; 22, thereabouts; the top of the Glorieta at 5,105, the Paddock, the uppermost producing member in the Glorieta.

Q Did you testify to the fact that this well had been drilled or not?

A This well has been drilled and initial tests have been taken.

Q Have you taken a packer leakage test yet?

A They are in the process of taking the packer leakage test. They would have been well along, however, when they went

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out to take them, they found the radlock dead and they had to swab it back in. It has a very low flowing pressure, I think 20 pounds.

MR. UTZ: Any other questions of the witness? The witness may be excused.

(Witness excused)

MR. UTZ: Any other statements in this case? The case will be taken under advisement.

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DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182ALBUQUERQUE, N. M.
PHONE 243-6691STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, 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.

DATED this 25th day of April, 1962, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

Ada Dearnley
NOTARY PUBLIC

My Commission Expires:

June 19, 1963.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 2540, heard by me on April 25, 1962.

Thos. H. [Signature], Examiner
New Mexico Oil Conservation Commission



EXHIBIT LIT-2

PAN AMERICAN PETROLEUM CORPORATION
APPLICATION FOR PERMISSION TO TRIPLE
COMPLETE ITS STATE "CK" WELL NO. 2,
IN THE DRINKARD (OIL) BLINEBRY (OIL) AND
PADDOCK (OIL) POOLS, LEA COUNTY, NEW MEXICO.

EXAMINER HEARING CASE NO. 2540
APRIL 25, 1962

DISCUSSION

BETCHE EXAMINER UTZ	
NEW MEXICO OIL CONSERVATION COMMISSION	
Appel	EXHIBIT NO. <u>1</u>
CASE NO. <u>2540</u>	

Pan American Petroleum Corporation respectfully requests that the New Mexico Oil Conservation Commission grant permission to triple complete its State "CK" No. 2 well in the Drinkard (Oil)-Blinebry (Oil)-Paddock (Oil) pools of Lea County, New Mexico.

State "CK" well No. 2 is located 370 feet from the south and east lines of the NE/4 of the SW/4 of Section 19, T-21-S, R-37-E which location is approximately three miles northwest of Eunice, New Mexico.

This well is in a multi-pay area with a number of multiple completions already in existence. Its south offset, Pan American State "CK" No. 1 is a dual Paddock (Oil)-Drinkard (Oil) well. A southeast diagonal offset, J. W. Perry Hardy Federal No. 5, is a dual Blinebry (Oil)-Paddock (Oil) well; one location east of this well is the J. W. Perry Hardy Federal No. 2, a dual Drinkard (Oil)-Blinebry (Oil) well. The Texaco Henderson No. 6 located one-half mile south is reported to be a triple Drinkard (Oil)-Blinebry (Gas)-Paddock (Oil) well. Amerada Petroleum Corporation has sought in Case No. 2535 permission to quadruple complete its Warlick "A" No. 1, located one-half mile east of the subject well, in the Eumont (Gas)-Blinebry (Oil)-Penrose-Skelly (Oil) and Drinkard (Oil) pools.

Attachment I is a plat showing the locations of State "CK" No. 2 and other wells in its vicinity.

Attachment II is a diagrammatic sketch showing the mechanical aspects of this triple completion. The packers and related equipment were manufactured by a reputable supply firm and will prevent the commingling of fluids from the three horizons in the well bore. It is believed that this mechanical installation is well suited to safely and efficiently produce oil from these three reservoirs through separate tubing strings. Packer leakage tests are now being run and test data will be supplied the Commission upon completion.

This 40 acre proration unit is adjacent to the E/2 of Section 19, T-21-S, R-37-E which has been placed in the Drinkard pool by Nomenclature orders ending with No. R-2119, dated December 1, 1961. It is adjacent to S/2 SE/4 Section 19 which has been placed in the Blinebry pool by Nomenclature orders ending with No. R-2119 dated December 1, 1961. It is also adjacent to the SE/4 of Section 19 which has been placed in the Paddock pool by Nomenclature orders ending with No. R-2172 dated February 1, 1962.

Attachments III A, B, and C, are copies of waivers of objection from the offset operations Amerada, Gulf, Texaco, and Peck Oil (J. W. Perry).

Attachment IV is a Gamma Ray Neutron log of the subject well with the perforated intervals marked in red.

Attachment V presents, for convenience, a copy of Pan American application for multiple completion of this ^{well} which was submitted by Pan American's letter of March 22, 1962, File: CDF-6085-986.510.1.

R-36-E

R-37-E

H.T. Mattern
GULF 'C'

3542'
*1-7896
3705 T.D.
3470 T.P.
7160 MCFD.
1-18-88

MAKIN DRLO.

PENROSE-
SKELLY
QN.-3435

State
PAN AM

OHIO

L. G. Warlick
GEN. CR. - MAG

U.S.A.
M. Lockha
CONT QGA

State
GULF

COAT & JACKSON

GULF Eunice
Gas Unit

U.S.A.
Edna E. Hic
BARNSDA

State
GULF

L. G. Warlick
AMERADA

BARNSDA

H. LEONARD J.
3541'
Dual *1-8987
3850 T.D.
3582 T.P. (Penrose)
4414 MCFD
3766 T.P. (Gray)
F. 46/D38/64 ch.
7-30-56

AMERADA
RIGHTS ABOVE
3900' COMMITTED
TO GULF EUNICE
GAS UNIT

T-21-S

GULF

"CK"
State
PAN AM

GULF Eunice
Gas Unit No. 1
(A Eumont Gas Well)

Proposed
Triple Completion

H.T. Mattern
GULF

3526'
*2-5045
3625 T.D.
3720 T.P.
F. 45/D. 1/4 ch.
3-16-45

U.S.A.
(Sam Weiner)
J.W. PERCY

Drinkard (Oil)
Paddock (Oil)

3558 T.D.
3553 T.P. (Pad)
F. 9983-384 W. CAN. *1
3681 T.P. (Drink)
F. 48/D. 1/4 ch. 12500
1-24-62

V. Henderson
TEXAS

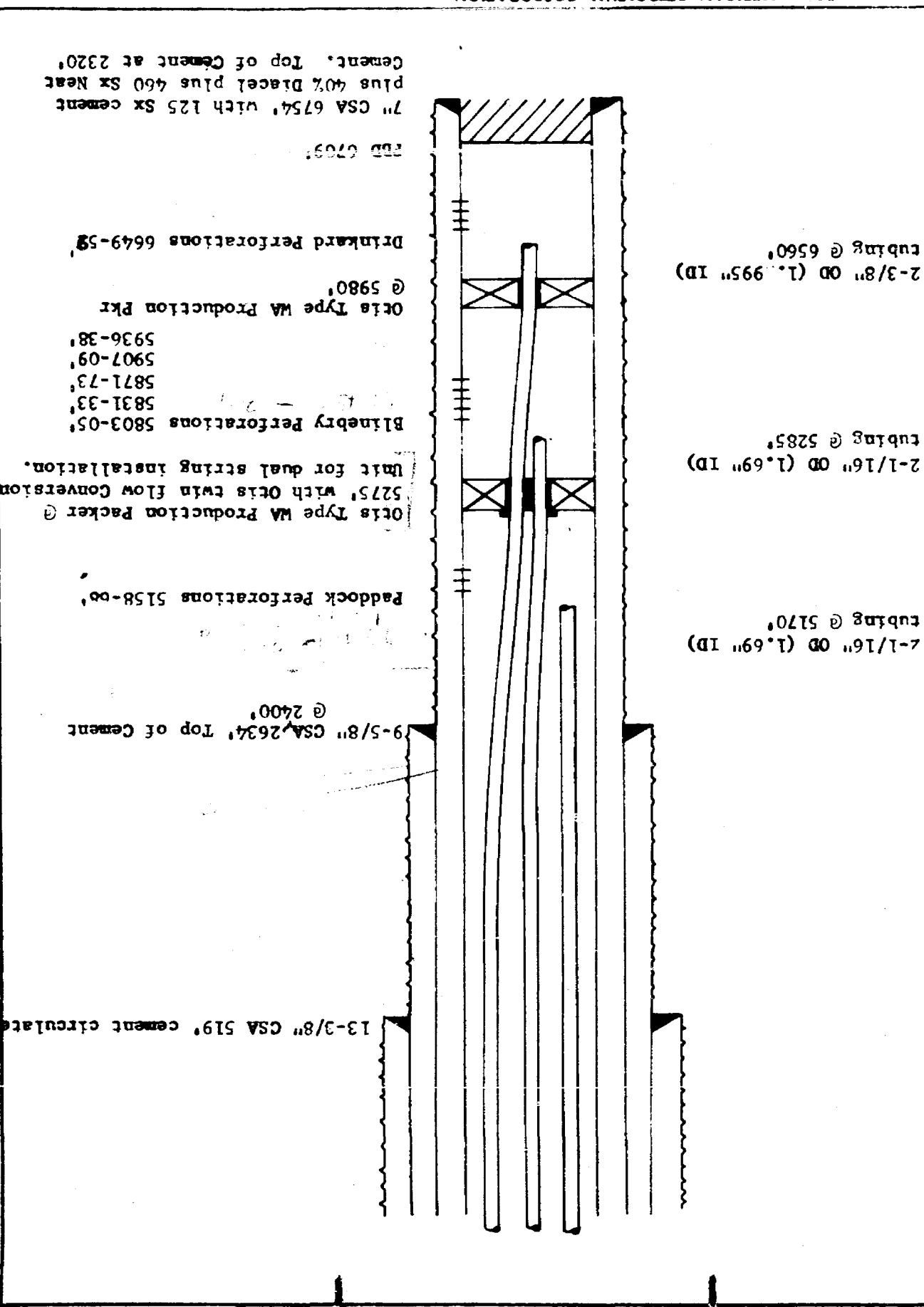
"B"
State-Ramsey
GULF

(BAY PET.)
3532'
*1-1680
3556 T.D.
1-23-45

30

H.T. Mattern
GULF

Attachment I



CLASS OF SERVICE
This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION
TELEGRAM

TELEGRAM
W. P. MARSHALL, PRESIDENT
is LOCAL TIME

SYMBOLS
DL = Day Letter
NL = Night Letter
LT = International
Lower Telegram
point of destination

LA63 DB321

MDA158 COLLECT= FAX MIDLAND TEX 2 401P C84-2 AM 3 15

E STALEY, AREA SUPT=

PAN AMERICAN PETROLEUM CORP HOBBS NMEX=

TEXACO INC HAS BEEN DULY NOTIFIED BY PAN AMERICAN PETROLEUM CORPORATION THAT THEIR STATE "CK" WELL NO-2 LOCATED IN THE NE/4 SW/4 SECTION 19, T-21-S, R-37-E, LEA COUNTY, NEW MEXICO HAS BEEN TRIPLY COMPLETED IN THE DRINKARD, BLINEBRY, AID PADDOCK FORMATIONS. TEXACO INC AS AN OFFSET OPERATOR HAS NO OBJECTIONS TO THIS COMPLETION AND HEREBY WAIVES ALL RIGHTS OF OBJECTION=

TEXACO INC W C LENZ GENERAL SUPERINTENDENT

DRILLING AND PRODUCTION=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

Attachment III A

CLASS OF SERVICE
This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION

TELEGRAM

W. P. MARSHALL, PRESIDENT

1201 (4-60)

SYMBOLS
DL = Day Letter
NL = Night Letter
LT = International Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination

LA35 DC124

1962 APR 110 AM 11 12

D MDA080 COLLECT=MIDLAND TEX 10 1113A CST=
MR DURHAM=

PAN AMERICAN OIL CORP HOBBS NMEX=

WAIVE TWENTY DAY WAITING PERIOD FOR TRIPLE COMPLETION IN
BLINEBRY OIL, DRINKARD OIL AND PADDOCK OIL FOR YOUR
STATE CK WELL #2 LEA COUNTY NEW MEXICO=

W E THORNTON PECH OIL CO.

CLASS OF SERVICE
This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION

TELEGRAM

W. P. MARSHALL, PRESIDENT

1201 (4-60)

SYMBOLS
DL = Day Letter
NL = Night Letter
LT = International Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination

LA48 SSA198

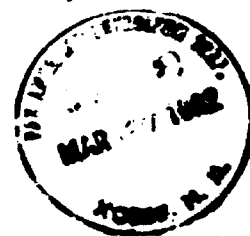
1962 MAR 29 PM 1 24

L HBA043 COLLECT=HOBBS NMEX 29 104P MST=
V E STALEY=

PAN AMERICAN PET CORP HOBBS NMEX=

HEREBY GRANT WAIVER CONSENTING TO TRIPPLE COMPLETION OF
YOUR STATE CK WELL NO. 2=

J M RUSSELL GULF OIL CORP==



ACK#2.

Attachment III B

CLASS OF SERVICE
This is a fast message
unless its deferred char-
acter is indicated by the
proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, President

1201 (4-00)

SYMBOLS
DL = Day Letter
NL = Night Letter
LT = International
Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination.

LA49 KA296

K TUS232 COLLECT=FAX TULSA OKLA 29 155P CS ~~152~~ MAR 29 PM 2 39
PAM. AMERICAN PETRO CORP=
HOBBS NMEX=
ATTN: MR V E STALEY:
AMERADA PETROLEUM CORP WAIVES NOTICE OF HEARING AND
PROTEST FOR DRINKARD BLINDERY PADDOCK TRIPLE
COMPLETION PAM AMERICAN STATE CK WELL NO. 2 IN NE/4
S14 SECTION 19 T21S R37E LEA COUNTY NEW MEXICO=
R S CHRISTIE AMERADA PETROLEUM CORPORATION.

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

Attachment III C

LANE WELLS



Gamma-Ray Neutron

FILE NO

COMPANY PAN AMERICAN PETROLEUM CORP.

WELL STATE "CK" NO. 2

FIELD DRINKARD, BLINEBRY & PADDOCK

COUNTY LEA STATE NEW MEXICO

LOCATION 330' FSL & 330' FEL
NE/4 OF SW/4

Other Services

SEC 19 TWP 21-S RGE 37-E

Permanent Datum GROUND LEVEL

Elev. 3507

Log Measured from K. B.

13

Ft. Above Permanent Datum

Drilling Measured from K. B.

Elevations:

KB 3520

DF 3517

GL 3507

Date	2-22-62	2-22-62
Run No.	ONE	ONE
Type Log	GAMMA RAY	N/NEUTRON
Depth-Drill	6754	6754
Depth-Logger	6750	6750
Bottom Logged Interval	6737	6749
Top Logged Interval	SURFACE	SURFACE
Type Fluid in Hole	MUD	MUD
Sp. Gravity Ppm Cl		
Density lb. Gal.		
Leve		
Max. Pos. Temp. Deg. F		
Op. Rig Time	4 1/2 HOURS	
Recorded By	ELMORE-JONES	ELMORE-JONES
Witnessed By	MR. ROARK	MR. ROARK

Run No.	Bore Hole Record			Casing Record			
	Bit	From	To	Size	Wgt.	From	To
1				13 3/8"		SURF	519
1				9 5/8"		SURF	2634
1	8 3/4"	2634	6754				

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator Pan American Petroleum Corporation		County Lee	Date 3-23-62
Address P. O. Box 244, Lubbock, Texas		Lease State OK	Well No. 2
Location of Well E	Unit 19	Township 21-N	Range 37-E

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
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	Fordhook	Bisbee	Prichard
b. Top and Bottom of Pay Section (Perforations)			6449-6639
c. Type of production (Oil or Gas)	Is Be Tested	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Is Be Tested	Flowing	Flowing

4. The following are attached. (Please mark YES or NO)

- 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.
- Yes 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.
- Yes 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.*
- Yes d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Gulf Oil Corporation, Attn: Mr. M. E. Taylor, P. O. Drawer 649, Hummel, New Mexico

Tenneco, Inc., Attn: Mr. W. A. Lums, P. O. Box 3109, Midland, Texas

Mr. J. W. Perry, 2008 Sande Street, Midland, Texas

Amesbury Petroleum Corporation, Attn: Mr. E. E. Seibert, P. O. Box 312, Midland, Texas

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 3-23-62

CERTIFICATE: I, the undersigned, state that I am the District Engineer of the Lubbock District Office Pan American Petr. Corp. (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.

A. J. Endersleben 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 either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

John H. ...