

Case No.

387

Application, Transcript,
Small Exhibits, Etc.

BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

TRANSCRIPT OF HEARING

Case N o. 387

July 24, 1952.

CASE 387

In the matter of the application of Amerada Petroleum Corporation for an order permitting dual completion of its State "MA" No. 1 well, Moore-Devonian pool, SW/4 SW/4 Sec. 24, T. 11 S, R. 32 E., NMPM, Lea County, New Mexico, in such a manner as to produce oil from the Devonian formation and gas from the Wolfcamp formation.

BEFORE: Hon. R. R. Spurrier, Secretary and Member.

(See Transcript of case 386 for register of attendance.)

MR. SPURRIER: Mr. Christie, Case No. 387.

R. S. CHRISTIE, having been first duly sworn, made the following statement:

MR. CHRISTIE: My name is R. S. Christie. I work for the Amerada Petroleum Corporation as division engineer for Texas-New Mexico.

MR. SPURRIER: You have been qualified several times before the Commission.

MR. CHRISTIE: Yes, sir.

MR. SPURRIER: Go ahead with your testimony.

MR. CHRISTIE: This is an application of the Amerada Petroleum Corporation for permission to dually complete its State "MA" Well No. 1, located in the SWSW of Sec. 24, T. 11 S, R. 33 E, NMPM in the Moore-Devonian Pool, Lea County, New Mexico.

I would like to present as Exhibit No. 1 an area map

showing the location of the subject well and surrounding drilling wells in the area. At the present time there is only one completed well in this Moore-Devonian Pool, which is the Texas Company's Moore No. 1. And which is completed in the Devonian formation as an oil well.

As Exhibit No. 2 I will present some pertinent data pertaining to this State "MA" No. 1. The pertinent data sheet shows the location of the well, the spudding date, completion date, and the casing program, formation tops from the Wolfcamp to the Devonian, the perforated section in the Wolfcamp formation and the Devonian formation, and the potentials of the two producing formations. The potential of the Wolfcamp flowed 40.55 bbls of condensate in 14 hours through casing, 10 hours on 12/64" choke with the rate of 1,480 MCF per day with gas condensate ration of 25,965 cu. ft.; and 4 hours on 16/64" chock at the rate of 2,460 MCF per day, 460 MCF rather, per day, with gas condensate ratio of 24,375 cu ft. Corrected gravity was 60.6° API. The well stabilized on the 12/64" choke at a casing pressure of 1,700 lbs. And the last hour on the quarter-inch choke the casing pressure was 1,550 lbs. The shut-in pressure was 2,100 lbs.

The potential on the Devonian was 677 bbls of oil in 20 hours on a 3/4" choke, and tubing pressure of 60 lbs., gas volume of 17,790 cu. ft. per day. Gas-oil ratio was 22 cu. ft. per barrel. There is an error in that (referring to the exhibit). This would give a 24-hour potential of 812 bbls

per day. The gravity of the Devonian oil was 46.6° API corrected.

As Exhibit No. 3 I would like to present a Schlumberger of the subject well, which shows the tops of the Wolfcamp formation and the other pertinent tops from the Wolfcamp on down to the Devonian; the top of the Pennsylvanian, and so forth.

As Exhibit No. 4 I present a diagrammatic sketch of the dual completion on the subject well. This diagram shows the equipment that has been placed in the well. And you will note we have a packer set at 8,563 ft., which separates the Wolfcamp from the Devonian. Just above the packer we have an Otis removable separation tool, which separates the two zones. By running straight through the separation tool you blank off the upper zone or gas from the casing, and produce from the Devonian. To produce the upper zone through the tubing it is necessary to blank off the lower zone by a blank assembly. The casing is perforated opposite the Wolfcamp from 8150 to 8195. The casing perforations in the Devonian are from 10,450 to 10,500. Tubing is set at 10,668, and perforations from 10,664 to 10,668. Five and 1/8 casing set at 10,700. And the drilled out depth is 10,676. You will note the top of the cement between the 5 1/2 and 8-5/8 is at 7,393.

At the present time, the well is completed with production coming through the casing, gas production coming from

the casing, and oil production through the tubing.

For the record, I would like to state that we had permission to dually complete the well by authority of a telegram dated 23 June 1952 and signed by R. R. Spurrier.

Therefore, Mr. Commissioner, we ask permission to dually complete State "MA" No. 1 as a gas-oil dual completion, and permission to produce it under those conditions. As stated in our letter of June 24, the gas from this well, if approved, will be used for fuel purposes to rigs drilling in the general area. Our June report indicates we had 14 rigs tied onto our gas system that comes from the Bagley Siluro-Devonian field and the Bagley-Pennsylvanian field. At this time we are in need of extra gas because of our gas-lift system in the Bagley fields. And we would appreciate permission to produce gas from this well as soon as possible.

MR. SPURRIER: You are willing that the order of the Commission be similar to orders issued in the past on dual completions?

MR. CHRISTIE: Yes, sir. The gas, of course, is now shut in pending the decision of the Commission on the dual completion.

MR. MACEY: Do you have any idea about how much gas you intend to use?

MR. CHRISTIE: We estimate that about 1,000,000 cu. ft. a day for these drilling wells. Of course, that will be a

legal use. We would be entitled to produce that if the dual completion is approved.

MR. SPURRIER: You offer these exhibits as evidence in the record?

MR. CHRISTIE: Yes, sir, I do.

MR. SPURRIER: Without objection, they will be received. Mr. Christie, I will recommend to the Commission that your application be approved. And you will get an order signed as soon as the Commission will sign it, if the Commission will sign it.

MR. CHRISTIE: Thank you. Any questions?

MR. MACEY: I have no more.

MR. CHRISTIE: That is all I have. I might state for the record we have found no oil from the Wolfcamp in this area. All tests in the Wolfcamp have been gas.

MR. SPURRIER: That's all.

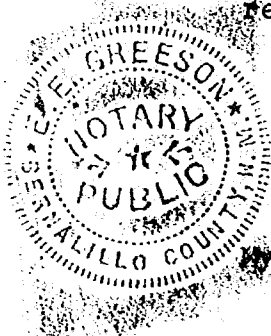
STATE OF NEW MEXICO

ss

COUNTY OF BERNALILLO

I HEREBY CERTIFY That the foregoing transcript is a true record of the matters therein contained.

DONE at Albuquerque, N. M., July 26, 1952.



E. E. Greeson
E. E. Greeson
Notary Public

Commission Expires: 8-4-52

June 24, 1952

AIR MAIL

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Attention: Mr. R. R. Spierrier,
Secretary.

In Re: Application of Amerada Petroleum Corporation for permission to dually complete its State "MA" Well No. 1, located in SW/4 SW/4 Section 24, Township 11 South, Range 33 East, NMPM, Moore Devonian Pool, Lea County, New Mexico.

Gentlemen:

Amerada Petroleum Corporation is currently drilling its State "MA" Well No. 1, located in SW/4 SW/4 Section 24, Township 11 South Range 33 East, Moore Devonian Pool, Lea County, New Mexico.

On a four-hour drill stem test from 8140 to 8172 (Wolfcamp formation) the subject well produced at the rate of 10,236 Mcf daily, plus 51 barrels of water white condensate.

Amerada is furnishing gas to approximately twelve drilling rigs in the East Caprock and Moore Devonian area. This gas is being transported from the Bagley and Hightower fields. The gas allowable from two gas wells in the Hightower Pennsylvanian field has been reduced by an order of the Commission. To supplement the gas supply from the Bagley and Hightower fields we propose to dually complete the State "MA" No. 1 in such a manner that gas will be produced through the annulus from the Wolfcamp and oil through the tubing from the Devonian. The gas will be used as fuel to drilling rigs, a legal use.

Applicant represents that it is practical and economically feasible to dually complete its State "MA" No. 1 to produce oil from the Devonian formation through the tubing and gas from the Wolfcamp formation through the annulus with proper packer and well head connections.

New Mexico Oil
Conservation Commission

- 2 -

June 24, 1952

THEREFORE, applicant respectfully requests that the New Mexico Oil Conservation Commission set for hearing at its next regularly scheduled state-wide hearing, this application for permission to dually complete its State "NA" No. 1, now drilling in SW/4 SW/4 Section 24, Township 11 South, Range 33 East, Moore Devonian Pool, Lea County, New Mexico.

Respectfully submitted,

AMERADA PETROLEUM CORPORATION

By

J. O. Hathaway

J. O. Hathaway
Division Superintendent

RSC/nw

GENERAL OFFICES
120 BROADWAY NEW YORK

AMERADA PETROLEUM CORPORATION

BEACON BUILDING

P O BOX 2040

TULSA 2, OKLA.

June 24, 1952

AIR MAIL

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Attention: Mr. R. R. Spurrier,
Secretary.

In Re: Application of Amerada Petroleum
Corporation for permission to dually
complete its State "MA" Well No. 1,
located in SW/4 SW/4 Section 24,
Township 11 South, Range 33 East,
NMPM, Moore Devonian Pool, Lea County,
New Mexico.

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New Mexico Oil
Conservation Commission

- 2 -

June 24, 1952

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Respectfully submitted,

AMERADA PETROLEUM CORPORATION

By

J. O. Hathaway

J. O. Hathaway
Division Superintendent

RSC/mw

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

1201

(10)

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter
NL=Night Letter
LT=Int'l Letter Telegram
VLT=Int'l Victory Ltr

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination.

1952 JUN 25 AM 9 26

A53 KBO68

K TUC036 PD=TULSA OKLA 25 956A=

NEW MEXICO OIL CONSERVATION COMMISSION=

R B SPURRIER SECY SANTAFE NMEX=

REFERENCE APPLICATION MAILED YESTERDAY ON OUR STATE "MA"
NOTE ERROR IN LOCATION SHOULD BE RANGE 32 EAST=

R S CHRISTIE AMERADA PETROLEUM CORP=

JUN 24 1952

MA 32=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

DOMESTIC SERVICE	
Check the class of service desired; otherwise this message will be sent at a full rate telegram	
FULL RATE TELEGRAM	SERIAL
DAY LETTER	NIGHT LETTER

WESTERN UNION

1206

INTERNATIONAL SERVICE	
Check the class of service desired; otherwise this message will be sent at the full rate	
FULL RATE	DEFERRED
CODE	NIGHT LETTER

W. P. MARSHALL, PRESIDENT

NO. WDS.-CL. OF SVC.	PD. OR COLL.	CASH NO.	CHARGE TO THE ACCOUNT OF	TIME FILED
			OIL CONSERVATION COMMISSION	

Send the following message, subject to the terms on back hereof, which are hereby agreed to

JUNE 23 1952

MR R S CHRISTIE
AMERADA PETROLEUM CORPORATION
BEACON BUILDING
TULSA OKLAHOMA

CONFIRMING TELEPHONE CONVERSATION APPROVAL IS GRANTED TO DUALY COMPLETE
YOUR STATE "MA" NO. 1, EAST GAFROCK-DEVONIAN AREA, GAS COMING FROM WOLFCAMP
AND OIL FROM DEVONIAN. PRODUCTION OF GAS FROM THIS WELL TO BE HELD IN
ABEYANCE FOR FORMAL COMMISSION ORDER.

R R SPURRIE
N M OIL CONSERVATION COMMISSION

BEST AVAILABLE COPY

Well File —

KS

ALL MESSAGES TAKEN BY THIS COMPANY ARE SUBJECT TO THE FOLLOWING TERMS:

To guard against mistakes or delays, the sender of a message should order it repeated, that is, telegraphed back to the originating office for comparison. For this, one-half the repeated message rate is charged in addition. Unless otherwise indicated on its face, this is an unrepeatable message and paid for as such, in consideration whereof it is agreed between the sender of the message and this Company as follows:

1. The Company shall not be liable for mistakes or delays in the transmission or delivery, or for non-delivery, of any message received for transmission at the unrepeatable message rate beyond the sum of five hundred dollars; nor for mistakes or delays in the transmission or delivery, or for non-delivery, of any message received for transmission at the repeated message rate beyond the sum of five thousand dollars, unless specially valued. Nor in any case for delays arising from unavoidable interruption in the working of its lines.
2. In any event the Company shall not be liable for damages for mistakes or delays in the transmission or delivery, or for non-delivery, of any message, whether caused by the negligence of its servants or otherwise, beyond the actual loss, not exceeding in any event the sum of five thousand dollars, at which amount the sender of each message represents that the message is valued, unless a greater value is stated in writing by the sender thereof at the time the message is telegraphed for transmission; and unless the repeated-message rate is paid or agreed to be paid, and an additional charge equal to one-tenth of one percent of the amount by which such valuation shall exceed five thousand dollars.
3. The Company is hereby made the agent of the sender, without liability, to forward this message over the lines of any other company when necessary to reach its destination.
4. Except as otherwise indicated in connection with the listing of individual places in the filed tariffs of the Company, the amount paid for the transmission of a domestic telegram or an incoming cable or radio message covers its delivery within the following limits: In cities or towns of 5,000 or more inhabitants where the Company has an office which is shown by the filed tariffs of the Company, it is not operated through the agency of a railroad company, within two miles of any such main or branch office of the Company; in cities or towns of 5,000 or more inhabitants where, as shown by the filed tariffs of the Company, the telegraph service is performed through the agency of a railroad company, within one mile of the telegraph office; in cities or towns of less than 5,000 inhabitants in which an office of the Company is located, within one-half mile of the telegraph office. Beyond the limits above specified the Company does not undertake to make delivery, but will endeavor to arrange for delivery as the agent of the sender, with the understanding that the sender authorizes the collection of any additional charge from the addressee and agrees to pay such additional charge if it is not collected from the addressee. There will be no additional charge for deliveries made by telephone within the corporate limits of any city or town in which an office of the Company is located.
5. No responsibility attaches to this Company concerning messages until the same are accepted at one of its transmitting offices; and if a message is sent to such office by one of the Company's messengers, he acts for that purpose as the agent of the sender.
6. The Company will not be liable for damages or statutory penalties when the claim is not presented in writing to the Company, (a) within sixty days after the message is filed with the Company for transmission in the case of a message between points within the United States (except in the case of an intrastate message in Texas) or between a point in the United States on the one hand and a point in Alaska, Canada, Labrador, Mexico, Newfoundland and St. Pierre & Miquelon Islands on the other hand, or between a point in the United States and a ship at sea or in the air; (b) within 90 days after the cause of action, if any, shall have accrued in the case of an intrastate message in Texas; and (c) within 180 days after the message is filed with the Company for transmission in the case of a message between a point in the United States and a foreign or overseas point other than the points specified above in this paragraph; provided, however, that this condition shall not apply to claims for damages or overcharges within the purview of Section 415 of the Communications Act of 1934.
7. It is agreed that in any action by the Company to recover the tolls for any message or messages the prompt and correct transmission and delivery thereof shall be presumed, subject to rebuttal by competent evidence.
8. Special terms governing the transmission of messages according to their classes, as enumerated below, shall apply to messages in each of such respective classes in addition to all the foregoing terms.
9. No employee of the Company is authorized to vary the foregoing.

1-49

CLASSES OF SERVICE

DOMESTIC SERVICES

FULL RATE TELEGRAM

A full rate expedited service.

DAY LETTER (DL)

A deferred service at lower than the full rate.

SERIAL (SER)

Messages sent in sections during the same day.

NIGHT LETTER (NL)

Accepted up to 2 A. M. for delivery not earlier than the following morning at rates substantially lower than the full rate telegram or day letter rates.

INTERNATIONAL SERVICES

FULL RATE (FR)

The standard fast service at full rates. May be written in any language that can be expressed in Roman letters, or in cipher.

CODE (CDE)

A fast message service consisting of code words not exceeding 5 letters each. Minimum charge for 5 words applies.

DEFERRED (LC)

Plain language messages, subordinated to full rate and code messages. Minimum charge for 5 words applies.

NIGHT LETTER (NLT)

Overnight plain language messages. Minimum charge for 25 words applies.

GENERAL OFFICES
120 BROADWAY NEW YORK

AMERADA PETROLEUM CORPORATION

BEACON BUILDING
P. O. BOX 2040

TELSA 2, OKLA.

June 24, 1952

AIR MAIL

Mr. R. R. Spurrier, Secretary
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Mr. Spurrier:

Attached hereto is an application for permission to dually complete our State "MA" No. 1, Lea County, New Mexico. Due to the urgency of the gas supply situation and in order not to cut off gas to drilling rigs in the general area of the above well, it will be appreciated if this hearing can be scheduled on July 15, 1952, the date of the July statewide hearing.

The only offset operator to the "MA" lease is the Texas Company. A copy of this application has been furnished them in order that they may be fully informed.

Thank you for your consideration in this matter.

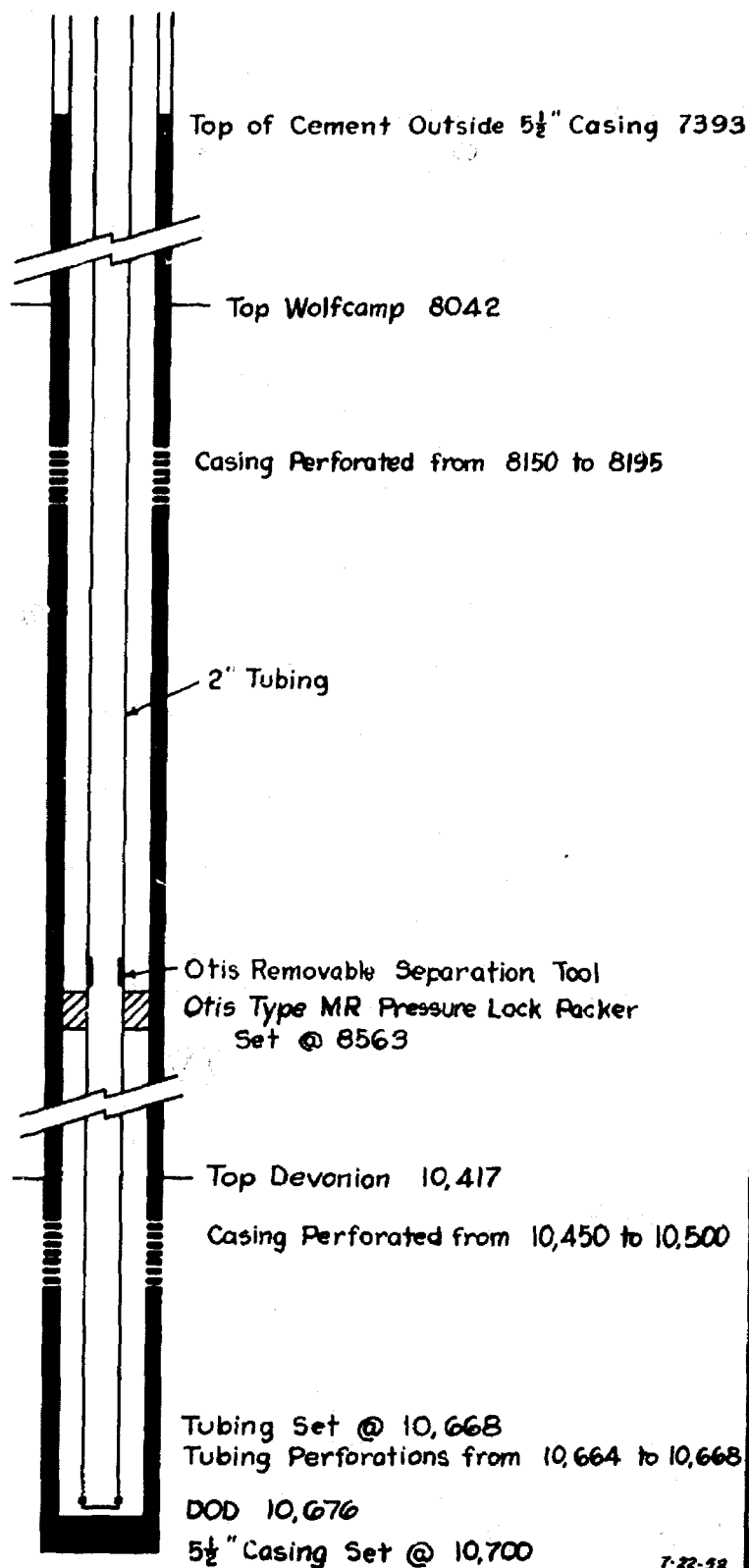
Very truly yours,

R. S. Christie
R. S. Christie

RSC/mw

Attachment

DIAGRAMMATIC SKETCH OF DUAL COMPLETION
 AMERADA - STATE M^A" NO. 1
 MOORE DEVONIAN POOL
 LEA COUNTY, NEW MEXICO



Ex. 4

TD 10,700

**NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
SANTA FE - NEW MEXICO**

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the rules and regulations of said Commission promulgated thereunder of the following special public hearing to be held at 9:00 a. m. on July 24, 1952, at Mabry Hall, State Capitol, in the City of Santa Fe, New Mexico.

STATE OF NEW MEXICO TO:

All named parties and persons having
any right, title, interest or claim in
the following case, and notice to the
public.

CASE 387

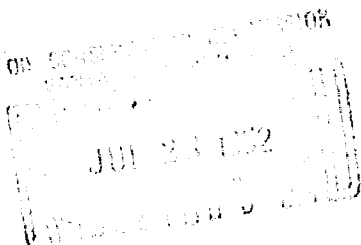
In the matter of the application of Amerada Petroleum Corporation for an order permitting dual completion of its State "MA" No. 1 well, Moore-Devonian pool, SW/4 SW/4 section 24, T. 11 S, R. 32 E, NMPM, Lea County, New Mexico, in such a manner as to produce oil from the Devonian formation and gas from the Wolfcamp formation.

GIVEN under the seal of the Oil Conservation Commission of New Mexico this 9th day of July, 1952.

**STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION**

**R. R. Spurrier,
Secretary**

S E A L



Thanks -

Glean Wiley
Aug 1
H.O.

June 24, 1952

AIR MAIL

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Attention: Mr. R. R. Spurrier,
Secretary.

In Re: Application of Amerada Petroleum Corporation for permission to dually complete its State "MA" Well No. 1, located in SW/4 SW/4 Section 24, Township 11 South, Range 33 East, NMPM, Moore Devonian Pool, Lea County, New Mexico.

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Applicant represents that it is practical and economically feasible to dually complete its State "MA" No. 1 to produce oil from the Devonian formation through the tubing and gas from the Wolfcamp formation through the annulus with proper packer and well head connections.

New Mexico Oil
Conservation Commission

- 2 -

June 24, 1952

THEREFORE, applicant respectfully requests that the New Mexico Oil Conservation Commission set for hearing at its next regularly scheduled state-wide hearing, this application for permission to dually complete its State "MA" No. 1, now drilling in SW/4 SW/4 Section 24, Township 11 South, Range 33 East, Moore Devonian Pool, Lea County, New Mexico.

Respectfully submitted,

AMERADA PETROLEUM CORPORATION

By

J. O. Hathaway
J. O. Hathaway
Division Superintendent

RSG/nw

PERTINENT DATA
AMERADA PETROLEUM CORPORATION
STATE "MA" WELL NO. 1
MOORE DEVONIAN POOL

Location:

660' from the southline
660' from the west line
Section 24, Twp. 11S, Rge. 32E
Lea County, New Mexico

Spudded: March 30, 1952
Completed: July 14, 1952
Casing Program:

Elev. 4341 D. F.

133/8" set at 300' with 225 sacks
85/8" set at 3450' with 1500 sacks
5 1/2" set at 10,700' with 600 sacks

Formation Tops:

Wolfcamp 8042 (-3701)
Pennsylvanian (xx) 8258 (-3917)
Mississippi Chert 9974 (-5633)
Devonian 10417 (-6076)

Perforations:

Wolfcamp 8150-8195
Devonian 10,450-10,500

Potential:

Wolfcamp: Flowed 40.55 Barrels of condensate in 14 hours through casing, 10 hours on 12/64" Choke with rate of 1,480 Mcg per day with gas condensate ratio 25,965, and 4 hours on 16/64" choke at rate of 2,460 Mcf per day with gas condensate ratio of 24,375. Corrected gravity 60.6° API.

Devonian: Flowed 677. barrels of oil in 20 hours on 3/4" choke, tubing pressure 60 lbs., gas volume 17,790 Cubic feet per day. Gas oil ratio 2.2. 24 hours potential 812 barrels per day.

EX. 2

Register for Special Hearing July 24

Name	Representing	City
A. S. Pringle	Amherst	Toronto
J. H. Brown	Hampden	Boston
Wm. C. Johnson	New York City	New York
Edw. Thompson	Lowell	Lowell

BEST AVAILABLE COPY

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. 387
ORDER NO. R-182

THE APPLICATION OF AMERADA
PETROLEUM CORPORATION FOR AN
ORDER GRANTING PERMISSION TO DUALY
COMPLETE AND PRODUCE ITS STATE "MA",
WELL NO. 1, SW/4 SW/4 SECTION 24,
TOWNSHIP 11 SOUTH, RANGE 32 EAST, NMPM,
LEA COUNTY, NEW MEXICO IN THE MOORE-
DEVONIAN POOL.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing on July 24, 1952, at 9:00 a. m.
at Santa Fe, New Mexico, before the Oil Conservation Commission of
New Mexico, hereinafter referred to as the "Commission".

NOW, on this 12th day of August 1952, the Commission, a quorum
being present, having considered the testimony adduced at the hearing 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 there-
of.

(2) That applicant's State "MA" Well No. 1, SW SW, Section 24,
Township 11 South, Range 32 East, NMPM, Lea County, New Mexico, was
completed in July, 1952, as an oil well producing from the Devonian forma-
tion through perforations 10,450 - 10,500, having drilled through the Wolf-
camp gas zone (8150-8195).

(3) That although recent experiments tend to show that mechanical
packers and other devices are ordinarily available for successful dual/
multiple completions of oil - gas wells, the Commission is unconvinced
of the soundness, as a waste-prevention practice, of such dual/multiple
completions as a general practice in New Mexico without specific controls
over each such project.

IT IS THEREFORE ORDERED:

That the applicant herein, Amerada Petroleum Corporation, be,
and it hereby is authorized to dually complete and produce its State "MA",
Well No. 1, SW/4 SW/4 Section 24, Township 11 South, Range 32 East,
NMPM, Lea County, New Mexico, in such a manner that gas from the
Wolfcamp formation may be produced through the annular space between
the casing and the tubing, and oil from the Devonian formation through the
tubing by proper perforations and the installation of a proper packer or
packers.

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, and,

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 ratio thereof determined, and,

PROVIDED FURTHER, That the operator applicant shall make any and all tests, including segregation tests, but not excluding other tests and/or determinations at any convenient time and in such manner as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of the Commission and 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, and shall be filed with the Commission within ten (10) days after the completion of such test, and,

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.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


EDWIN L. MECHEM, Chairman


GUY SHEPARD, Member


R. R. SPURRER, Secretary

S E A L

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. ~~2-7~~
ORDER No. ~~R-182~~
R-182

THE APPLICATION OF AMERADA PETROLEUM
CORPORATION FOR AN ORDER GRANTING
PERMISSION TO DUBBLE COMPLETE AND
PRODUCE ITS STATE "MA", WELL NO. 1,
SW/4SW/4 SECTION 24, TOWNSHIP 11 SOUTH,
RANGE 32 EAST, NEPM, LEA COUNTY,
NEW MEXICO IN THE MOORE-DEVONIAN POOL.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing on July 11, 1952, at 9:00 a.m. at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on the ~~11th~~ ^{11th} day of ~~July~~ ^{July}, 1952, the Commission, a quorum being present, having considered the testimony adduced at the hearing 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 applicant's State "MA" well, No. 1, SW SW, Section 24, Township 11 South, Range 32 East, NEPM, Lea County, New Mexico, was completed in July, 1952, as an oil well producing from the Devonian formation through perforations 10,450 - 10,500, having drilled through the Wolfcamp gas zone, (8150-8195).

(3) That although recent experiments tend to show that mechanical packers and other devices are ordinarily available for successful dual/multiple completions of oil - gas wells, the Commission is unconvinced of the soundness, as a waste-prevention practice, of such dual/multiple completions as a general practice in New Mexico without specific controls over each such project.

IT IS THEREFORE ORDERED:

That the applicant herein, Amerada Petroleum Corp., be, and it hereby is authorized to dually complete and produce its State "MA", Well No. 1, SW/4 SW/4 Section 24, Township 11 South, Range 32 East, NEPM, Lea County, New Mexico, in such a manner that gas from the Wolfcamp formation may be produced through the annular space between the casing and the tubing, and oil from the Devonian formation through the tubing by proper perforations and the installation of a proper packer or packers.

PROVIDED, HOWEVER, That subject well shall be completed, and there-
after 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 pro-
duced from either or both of the separate strata, and,

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 ratio thereof
determined, and,

PROVIDED FURTHER, That the operator applicant shall make any and
all tests, including segregation tests, but not excluding other tests and/or
determinations at any convenient time and in such manner as deemed necessary
by the Commission; the original and all subsequent tests shall be witnessed
by representatives of the Commission and 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, and shall be filed with the Commission
within ten (10) days after the completion of such test, and,

IT IS FURTHER ORDERED; That jurisdiction of this cause is hereby
retained by the Commission for such further order or orders as may seem ne-
cessary 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.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Edwin L. Mechem, Chairman

Guy Shepard, Member

R. R. Spurrier, Secretary

S E A L

CASE 387: Amerada application for dual com-
pletion State 'PA' #1, SWSW 24-118-32E

SPECIAL HEARING JULY 24, 1952