

CASE 2170: Application of AMERICA
for extension of A-1200 and 12200
completion of its Wickerly Hall.

Case No.

2170

Application, Transcript,
Small Exhibits, Etc.

DOCKET: EXAMINER HEARING - WEDNESDAY, JANUARY 25, 1961
OIL CONSERVATION COMMISSION - 9 a.m., CONFERENCE ROOM - STATE LAND OFFICE
BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Elvis A. Utz Examiner, or Oliver E. Payne, attorney, as alternate examiner:

CASE 2159: Application of Continental Oil Company for three non-standard gas proration units. Applicant, in the above-styled cause, seeks the establishment of the following-described non-standard gas proration units in the Jalmat Gas Pool, Lea County, New Mexico:

A 320-acre non-standard gas proration unit consisting of the W/2 E/2 and E/2 W/2 of Section 19, Township 25 South, Range 37 East, to be dedicated to the Sholes B-19 Well No. 1, located in the center of the SE/4 SW/4 of said Section 19.

A 320-acre non-standard gas proration unit consisting of the E/2 and NE/4 NW/4 of Section 1, Township 25 South, Range 36 East, to be dedicated to the Wells B-1 Well No. 1, located in the center of the NE/4 NE/4 of said Section 1.

A 360-acre non-standard gas proration unit consisting of the SE/4, E/2 W/2 and SW/4 SW/4 of Section 29, Township 22 South, Range 36 East, to be dedicated to the Meyer A-29 Well No. 3, located in the center of the SE/4 SW/4 of said Section 29.

CASE 2160: Application of Continental Oil Company for a quadruple completion. Applicant, in the above-styled cause, seeks an order authorizing the quadruple completion of its North-east Haynes-Apache 9 No. 1 Well, located in the NW/4 SW/4 of Section 9, Township 24 North, Range 5 West, Rio Arriba County, New Mexico, in such a manner as to permit the production of hydrocarbons from the Greenhorn formation through a string of 2 7/8-inch casing, the production of hydrocarbons from the Dakota formation through 2 3/8-inch tubing installed within a string of 4 1/2-inch casing, the production of hydrocarbons from the Mesaverde formation through the 2 3/8 x 4 1/2-inch annulus of the latter casing string, and the production of hydrocarbons from the Gallup formation through 2 3/8-inch tubing installed within a second string of 4 1/2-inch casing, the three strings of casing being cemented in a common well bore.

CASE 2161: Application of Texaco, Inc. for a triple completion. Applicant, in the above-styled cause, seeks an order authorizing the triple completion of the C. H. Weir "B" Well No. 4, located in Unit I, Section 11, Township 20 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of gas from the Eumont Gas Pool, the production of oil from the Skaggs-Glorieta Pool and the production of oil from the Skaggs-Drinkard Pool through the casing-tubing annulus, through 2 3/8-inch tubing, and through 2 3/8-inch tubing respectively.

CASE 2162: Application of The Atlantic Refining Company for an automatic custody transfer system. Applicant, in the above-styled cause, seeks permission to install an automatic custody transfer system to handle the commingled Justis Tubb-Drinkard and Justis-Blinebry production from the following-described leases:

Langlie Federal Lease, N/2 SE/4 of Section 14

Langlie Federal "A" Lease, S/2 NE/4 of Section 14

Langlie Federal "B" Lease, N/2 NE/4 of Section 14

all in Township 25 South, Range 37 East, Lea County, New Mexico.

CASE 2163: Application of Yates Drilling Company for an automatic custody transfer system. Applicant, in the above-styled cause, seeks permission to install an automatic custody transfer system to handle the Pennsylvanian formation production from all wells presently completed or hereafter drilled on Federal Lease NM 03283, comprising the W/2 of Section 31, Township 8 South, Range 37 East, Roosevelt County, New Mexico.

CASE 2164: Application of Hudson and Hudson for an exception to Rule 506 (A) of the Commission Rules and Regulations and for permission to transfer allowables. Applicant, in the above-styled cause, seeks an exception to Rule 506 (A) by increasing the limiting gas-oil ratio for the West Tonto Yates Seven Rivers Pool, Lea County, New Mexico, from 2,000 to 6,000 cubic feet of gas per barrel of oil. Applicant further seeks permission to shut-in one well in said pool and transfer its allowable to another well.

CASE 2165:

Application of Pan American Petroleum Corporation for two unorthodox oil well locations and a non-standard oil proration unit. Applicant, in the above-styled cause, seeks approval of two unorthodox oil well locations in the Cha Cha-Gallup Oil Pool, San Juan County, New Mexico, said locations to be as follows:

Navajo Tribal "E" Well No. 7, to be located 250 feet from the South line and 800 feet from the West line of Section 16.

Navajo Tribal "G" Well No. 5, to be located 1830 feet from the South line and 885 feet from the East line of Section 18, both in Township 29 North, Range 14 West.

Applicant also seeks an 88.7-acre non-standard oil proration unit in said pool comprising that portion of the SW/4 of Section 16, within the Navajo Reservation lying South of the mid-channel of the San Juan River, Township 29 North, Range 14 West, to be dedicated to said Navajo Tribal "E" Well No. 7.

CASE 2166:

Application of Pan American Petroleum Corporation for permission to take interference tests and transfer allowables. Applicant, in the above-styled cause, seeks permission to take interference tests in the Cha Cha-Gallup Oil Pool, San Juan County, New Mexico, by shutting in its Navajo Tribal "E" Well No. 3, located in the NE/4 SW/4 of Section 21, Township 29 North, Range 14 West and transferring the allowable of said well in equal parts to the other five wells on the said Navajo "E" Lease.

CASE 2167:

Application of Chambers & Kennedy for a 200-acre non-standard gas proration unit and for an unorthodox gas well location. Applicant, in the above-styled cause, seeks the establishment of a 200-acre non-standard gas proration unit in the Eumont Gas Pool, Lea County, New Mexico, comprising the NE/4 NE/4, S/2 NE/4, and the N/2 SE/4 of Section 34, Township 19 South, Range 37 East. Said unit is to be dedicated to the Monument State Well No. 1, located on an unorthodox location at a point 1649 feet from the South line and 2197 feet from the East line of said Section 34.

CASE 2168:

Application of Continental Oil Company for permission to shut-in one well and transfer its allowable to other wells. Applicant, in the above-styled cause, seeks permission to shut-in its Wilder Well No. 20, located 1980 feet from the South and East lines of Section 26, Township 26 South, Range 32 East, El Mar-Delaware Pool, Lea County, New Mexico, and transfer its allowable to the following offset wells in said Section 26: Wilder Lease Well Nos. 17, 18, 22 and 25.

CASE 2169:

Application of Gulf Oil Corporation for a salt water disposal well. Applicant, in the above-styled cause, seeks an order authorizing the disposal of produced salt water into the Grayburg and San Andres formations through its J. F. Janda "F" Well No. 17, located in Unit A, Section 4, Township 22 South, Range 36 East, Lea County, New Mexico, with the proposed injection interval from 3999 feet to 5650 feet.

CASE 2170:

Application of Amerada Petroleum Corporation for an amendment of Order R-1750. Applicant, in the above-styled cause, seeks an amendment of Order No. R-1750, which authorized the triple completion of its Wimberly Well No. 13, located in Unit M, Section 24, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, to substitute an undesignated oil pool, probably Paddock, for the Langlie-Mattix which was previously authorized. Applicant also proposes to use three parallel strings of tubing rather than two as provided in Order R-1750.

Case 2170

Heard 1-25-61

3-16-61

1. Supersedes R-1750 Case 2020.
2. Grant Amerado's request to slim hole their Wimberly #13 unit 14-Dec-24-255-37E. The well will be completed with 3½" set @ 4241 & perfor @ 4070-4090 + 4145-65 for SUD into the San Andreas, ~~starting~~ 27" run to 5318 & perfor @ 5017-5057 in zone under-
lignated zone above the Blinby marker and below the base of the Glorietta, 27" set @ 5318 and completed in the Blinby zone with an open hole from 5318 to 5450.
3. The 3½" SUD shall be plastic coated inside and the two string of 27" shall be plastic coated outside.
4. The ~~assigned~~ designated zone shall be assigned an allowable until such time as the Blinby pool vertical limits have been determined by hearing.
5. I would suggest the ~~pro~~ granting of an 18 mo. allowable to the ~~redesignated~~ ~~zone~~ until such time as the Blinby vert. limits are determined.
6. Usual usual order otherwise.

Wm. H. H.

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. 2020
Order No. R-1750

APPLICATION OF AMERADA PETROLEUM
CORPORATION FOR A GAS-SALT WATER
DISPOSAL-OIL TRIPLE COMPLETION IN
THE LANGLEIE MATTIX POOL, IN THE
SAN ANDRES FORMATION AND IN THE
JUSTIS-BLINEBRY POOL, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on July 27, 1960, at Santa Fe, New Mexico, before Daniel S. Nutter, 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 18th day of August, 1960, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, 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, Amerada Petroleum Corporation, is the owner and operator of the Wimberly Well No. 13, located in Unit M, Section 24, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant proposes to complete the said Wimberly Well No. 13 in such a manner as to permit the production of gas from the Langlie Mattix Pool through perforations from 2900 feet to 3250 feet, the disposal of salt water into the San Andres formation in the interval from 3575 feet to 4200 feet, and the production of oil from the Blinebry Pool through the open hole from 5300 feet to 5500 feet.

(4) That the applicant proposes to produce the Blinebry oil through 1-1/2 inch tubing and Langlie Mattix gas through the annulus between that tubing and string of 3-1/2 inch casing,

utilizing a hookwall packer to separate the producing horizons, and to dispose of salt water through a parallel string of 3-1/2 inch plastic coated casing, both of said 3-1/2 inch casing strings to be cemented in a common well bore.

(5) That the parallel strings of 3-1/2 inch casing should be cemented from the base of the lowest string to a depth of approximately 2100 feet.

(6) That centralizers or turbolizers should be installed on each joint of casing throughout each producing or disposal interval and on each of the first three joints above and below each interval.

(7) That inasmuch as there is approximately 1100 feet of separation between the disposal zone and the lowermost producing zone, and approximately 325 feet of separation between the disposal zone and the uppermost producing zone, and inasmuch as the entire interval, including the disposal and producing zones, will be adequately protected by cement, the mechanics of the proposed completion appear to afford adequate protection to prevent waste and to protect correlative rights.

(8) That although multiple completions incorporating a salt water disposal zone are inherently hazardous and normally should not be authorized, nevertheless the mechanics of this particular completion are feasible and in accord with sound conservation practices.

IT IS THEREFORE ORDERED:

(1) That the applicant, Amerada Petroleum Corporation, be and the same is hereby authorized to complete its Wimberly Well No. 13, located in Unit M, Section 24, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of gas from the Langlie Mattix Pool, the disposal of salt water into the San Andres formation, and the production of oil from the Blinebry Pool, the production of oil being through 1-1/2 inch tubing, the production of gas being through the annulus between that tubing and string of 3-1/2 inch casing, utilizing a hookwall packer to separate the producing horizons, and the disposal of salt water through a parallel string of 3-1/2 inch plastic coated casing, cemented in a common well bore.

PROVIDED HOWEVER, That the parallel strings of 3-1/2 inch casing shall be cemented from the base of the lowest string to a depth of approximately 2100 feet.

PROVIDED FURTHER, That centralizers or turbolizers shall be installed on each joint of casing throughout each producing

-3-
CASE No. 2020
Order No. R-1750

or disposal interval and on each of the first three joints above and below each interval.

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

PROVIDED FURTHER, That the applicant shall, upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Blinbry Pool, or as directed by the Secretary-Director of the Commission, take packer-leakage tests and such other tests as are necessary to ensure that there is no communication between any of the zones.

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 the protection of correlative rights; upon failure of the applicant to comply with any requirement of this order, the Commission may terminate the authority herein granted and require the applicant or its successors and assigns to limit its activities to regular single-zone production in the interest of conservation.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

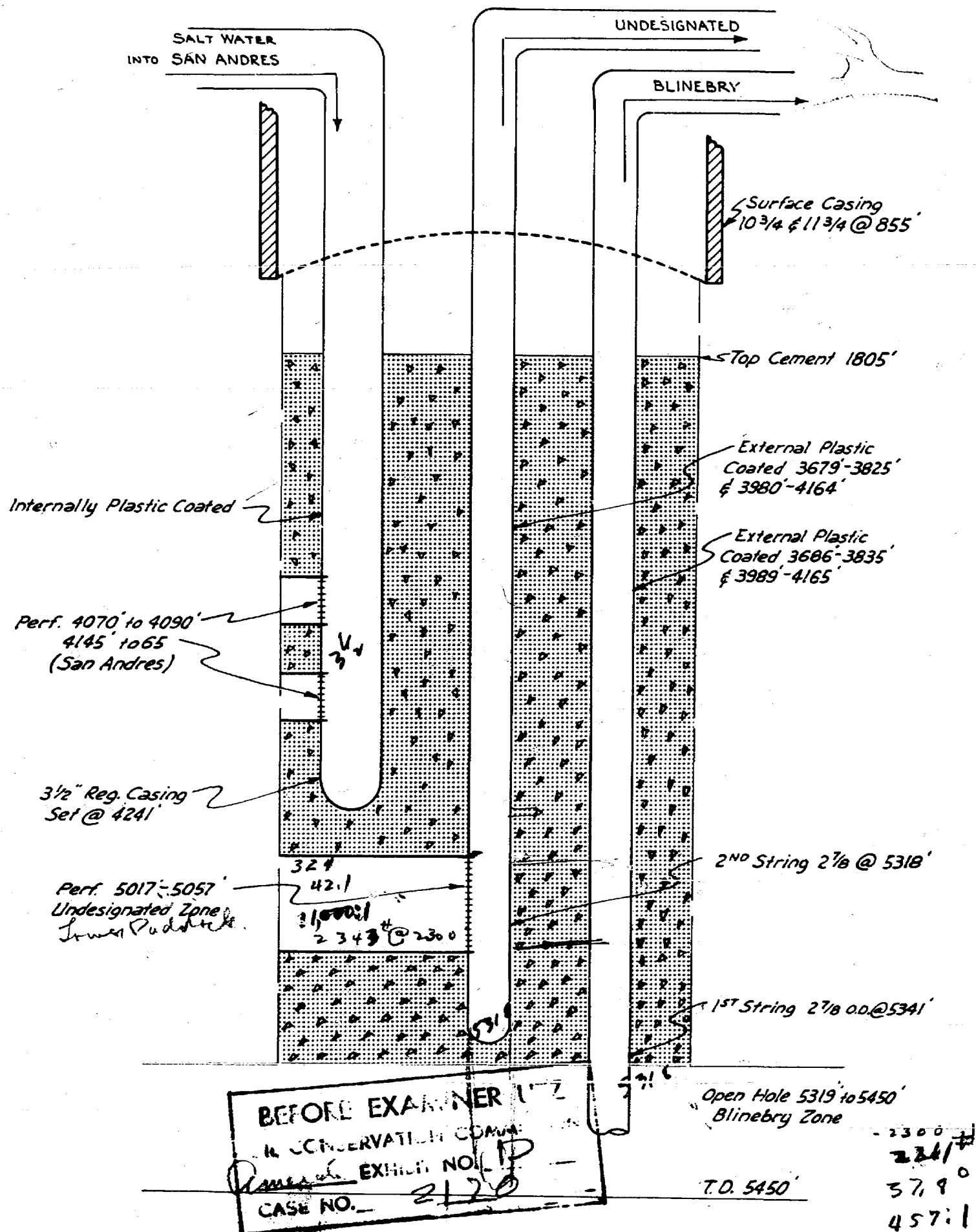
A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

AMERADA - WIMBERLY NO 13
JUSTIS AREA LEA CO., NEW MEXICO

TRIPLE COMPLETION



BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF
AMERADA PETROLEUM CORPORATION FOR AN
ORDER AMENDING ORDER NO. R-1750 TO PERMIT
TRIPLE COMPLETION OF ITS WIMBERLEY WELL
NO. 13 LOCATED IN SECTION 24-25S-37E, LEA
COUNTY, NEW MEXICO, FOR THE PURPOSE OF
PRODUCING OIL FROM AN UNDESIGNATED ZONE
AND FROM THE BLINEBRY ZONE AND TO DISPOSE
OF SALT WATER INTO THE SAN ANDRES

CASE NO. 2170

APPLICATION

Applicant Amerada Petroleum Corporation states that:

1. This Commission by its Order No. R-1750, dated August 18, 1960, in Case No. 2020, after notice and hearing, authorized the Applicant to complete its Wimberley Well No. 13 located in Unit "M," Section 24-25S-37E, N.M.P.M., Lea County, New Mexico, as shown on Exhibit "A," so as to permit the production of gas from the Langlie Mattix pool, the disposal of salt water into the San Andres formation and the production of oil from the Blinebry; and said order was issued prior to completion and on the basis of the proposed completion.

2. The said well as completed encountered two oil zones, to wit, an undesignated oil zone perforated between 5017 and 5057 feet and the Blinebry oil zone between 5319 and 5450 feet.

3. This application is for the purpose of amending Order No. R-1750 so that Applicant will be permitted to make a triple completion of this well in such a manner as to permit the production of oil from the undesignated zone through 2-7/8" tubing with perforations between 5017 and 5057 feet, to produce the Blinebry oil in 2-7/8" tubing with open hole from 5319 to 5450 feet and the disposal of salt water into the San Andres formation in the interval between 4070 and 4090 and 4145 to 4165 feet through 3-1/2" casing.

4. The three strings will be cemented in a common well bore and all zones below 1805 feet will be cemented.

5. The method of completion will prevent pollution by salt water and will maintain separation of the two common sources of supply in a manner that will prevent waste and protect the rights of owners.

6. Attached in the form of Exhibit "B" is completed form of application for dual completion on the form prescribed by this Commission pursuant to its Statewide Rule 112-A-IV.

7. Application to dispose of salt water is attached as Exhibit "C."

WHEREFORE, Applicant requests that this matter be set for hearing before an examiner, that notice of hearing be given as required by law and that upon conclusion of the hearing the Commission enter its order authorizing the proposals set forth above.

AMERADA PETROLEUM CORPORATION

By


H. D. Bushnell

KELLAHIN AND FOX

By


Jason W. Kellahin

Attorneys for Applicant

Handwritten notes:
Worked
on
1-12-61

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name Justis		County Lea		Date January 10, 1961
Operator Amerada Petroleum Corporation		Lease Ida Wimberley		Well No. 13
Location of Well	Unit M	Section 24	Township 25 South	Range 37 East

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual 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	Lower Zone
a. Name of reservoir	Undesignated	Blinebry
b. Top and Bottom of Pay Section (Perforations)	5017-5057'	OH 5319-5450'
c. Type of production (Oil or Gas)	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Flow	Flow

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

No a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, 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 dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*

No 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.

Western Natural Gas Company	Box 1387	Anaconda, Montana
Olsen Oils, Inc.	Drawer 2	Jal, New Mexico
El Paso Natural Gas Company	Box 1384	Jal, New Mexico
Atlantic Refining Company	Box 1610	Midland, Texas
Tidewater Oil Company	Box 547	Hobbs, New Mexico
Anderson-Prichard Oil Corp.	Liberty Bank Building	Oklahoma City, Oklahoma
Jal Oil Company	Box 1744	Midland, Texas
Hamilton Dome Oil Company		Hamilton Dome, Wyoming

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 **January 10, 1961**

CERTIFICATE: I, the undersigned, state that I am ^P~~an~~ petroleum engineer of the Amerada 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.

Robert D Miller
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 dual 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.

EXHIBIT "B"

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

APPLICATION
TO DISPOSE OF SALT WATER BY INJECTION INTO A PORCUS FORMATION
NOT PRODUCTIVE OF OIL OR GAS

Pool Name Justis and Langlie-Mattix County Lea
Operator Amerada Petroleum Corporation
Address Box 2040 Tulsa 2, Oklahoma
Lease Name Ida Wimberley Well No. 13
Depth to top of injection zone 4070'
Depth to base of injection zone 4165'
Size of surface casing 10-3/4" and 11-3/4"
Length of surface casing 855'
Number of sacks of cement used on surface casing 600 sacks
Size of long string 3-1/2"
Length of long string 4241'
Number of sacks of cement used on long string 1115
Size of tubing None Length of tubing None
Depth of tubing packer setting None
Name and model of packer None
Is injection through tubing or long string or annulus? Long string
Is injection through perforations or open hole? Perforations
Was the well drilled for salt water disposal purposes? No
List perforated intervals and number of sacks of cement used on any squeeze cementing operations None
What is depth of the shallowest zone productive of oil or gas in this pool? 2700'
What is depth of the deepest zone containing fresh water in this pool? 750'
Are there any other salt water disposal wells in this pool using this same zone for injection purposes? No. If so, list operator, lease and well number _____
What is the approximate volume of salt water to be injected daily? 1,000 barrels
Will system be open or closed type? Closed
Will injection be by gravity or pump pressure? Gravity
If by pump pressure, give approximate number of pounds per square inch _____
Will it be necessary for water to be filtered or chemically treated? No

- Is this well so cased and completed that water can enter no other formation than the above set out injection zone? Yes
1. Attach a complete full-scale electrical log of this well. Will submit at hearing.
 2. List names and addresses of all offset operators and surface owners.

Western Natural Gas Company	Box 1387	Anaconda, Montana
Olsen Oils, Inc.	Drawer 2	Jal, New Mexico
El Paso Natural Gas Company	Box 1384	Jal, New Mexico
Atlantic Refining Company	Box 1610	Midland, Texas
Tidewater Oil Company	Box 547	Hobbs, New Mexico
Anderson-Prichard Oil Corp.	Liberty Bank. Bldg.	Oklahoma City, Oklahoma
Jal Oil Company	Box 1744	Midland, Texas
Hamilton Dome Oil Company		Hamilton Dome, Wyoming
Ida May Wimberley	Box 1071	Jal, New Mexico
Glenn Wayne Wimberley	35 Minquil Drive	Newark, Delaware
Lewis Woodrow Wimberley	Box 74	Quartz Hill, California
Lewie Elane Wimberley Tisdail	719 Arbor Drive	Vandenberg AFB, California
Gurvis Earl Wimberley	Box 1071	Jal, New Mexico
Jewell Ella Ward	Box 365	Jal, New Mexico
Mary Elsie Jones Turner	Box 211	Jal, New Mexico

3. Have notices of this application been sent by registered mail or given to all offset operators and to the New Mexico State Engineer? Yes
4. Attach waivers from all offset operators and New Mexico State Engineer.
5. Attach waivers from surface owners of land on which well is located or a letter from company making application to the surface owner explaining said application and requesting waiver. Surface owners have been sent copy of application.
6. No application will be processed until Item 1 has been attached to the application. Should all necessary waivers not accompany application, the Commission shall hold such application for a period of fifteen (15) days from date of receipt in the Santa Fe office. If, after said fifteen (15) day period, no protest or request for hearing is received in the Santa Fe office, the application will then be processed.

AMERADA PETROLEUM CORPORATION

By Herbert D. Miller

STATE OF OKLAHOMA

COUNTY OF TULSA

BEFORE ME, the undersigned authority, on this day personally appeared Herbert D. Miller, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

Margaret Inyang Lee
Notary Public

My Commission expires November 30, 1963

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. 2170
Order No. R-1750-A

APPLICATION OF AMERADA PETROLEUM
CORPORATION FOR A SALT WATER
DISPOSAL-OIL-OIL TRIPLE COMPLETION
IN LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on January 25, 1961, at Santa Fe, New Mexico, before Elvis A. Uts, 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 22nd day of March, 1961, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Uts, 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, Amerada Petroleum Corporation, is the owner and operator of the Winberly Well No. 13, located in Unit M, Section 24, Township 25 South, Range 37 East, NEEN, Lea County, New Mexico.

(3) That the applicant proposes to complete the said Winberly Well No. 13 in such a manner as to permit the disposal of salt water into the San Andres formation in the intervals from 4070 feet to 4090 feet and from 4145 feet to 4165 feet, the production of oil from an undesignated zone perforated in the interval from 5017 feet to 5057 feet, and the production of oil from the Justis-Blinchry Pool through open hole from 5319 feet to 5450 feet.

(4) That the applicant proposes to inject the salt water through 3 1/2-inch casing set at 4241 feet and to produce oil from the undesignated zone through 2 7/8-inch casing set at 5318 feet and to produce oil from the Justis-Blinchry Pool through 2 7/8-inch casing set at 5341 feet, the three casing strings being cemented in a common well bore.

-2-

CASE No. 2170
Order No. R-1750-A

(5) That the casing strings should be cemented from the top of the open hole at 5319 feet up to a depth of 1805 feet.

(6) That centralizers or turbolizers should be installed on each joint of casing throughout each producing and disposal interval and on each of the first three joints above and below each interval.

(7) That while multiple completions incorporating a salt water disposal zone are inherently hazardous, the mechanics of this proposed completion appear to afford adequate protection to any fresh waters and all productive formations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Amarada Petroleum Corporation, be and the same is hereby authorized to complete its Wimberly Well No. 13, located in Unit M, Section 24, Township 25 South, Range 37 East, BHPM, Lea County, New Mexico, in such a manner as to permit the disposal of salt water into the San Andres formation in the intervals from 4070 feet to 4090 feet and 4145 feet to 4165 feet, the production of oil from an undesignated zone perforated in the interval from 5017 feet to 5057 feet, and the production of oil from the Justis-Blinabry Pool through open hole from 5319 feet to 5450 feet. The salt water will be injected through 3 1/2-inch casing, the undesignated zone produced through 2 7/8-inch casing, and the Justis-Blinabry Pool produced through 2 7/8-inch casing.

PROVIDED HOWEVER, That the 3 1/2-inch casing shall be internally plastic coated and each of the 2 7/8-inch casing strings shall be plastic coated on the outside.

PROVIDED FURTHER, That all casing strings shall be cemented from the top of the open hole at 5319 feet up to a depth of 1805 feet.

PROVIDED FURTHER, That centralizers or turbolizers shall be installed on each joint of casing throughout each producing and disposal interval and on each of the first three joints above and below each interval.

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

PROVIDED FURTHER, That the applicant shall, upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Blinabry Pool, or as directed by the Secretary-Director of the Commission, take communication tests to ensure that there is no communication between any of the zones.

-3-

CASE No. 2170
Order No. R-1750-A

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 the protection of correlative rights; upon failure of the applicant to comply with any requirement of this order, the Commission may terminate the authority herein granted and require the applicant or its successors and assigns to limit its activities to dual zone or regular single-zone production in the interest of conservation.

(2) That Order No. R-1750 be and the same is hereby superseded.

(3) That the subject well shall be assigned an allowable in the undesignated zone subject to review at a future nomenclature hearing to determine the vertical limits of the Justis-Blinchry Pool.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



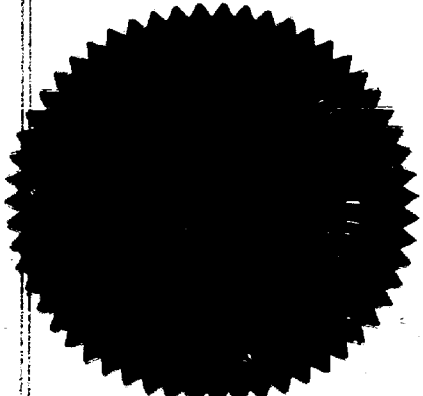
EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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



esr/

DRAFT

OEP/esr
March 17, 1961

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. 2170

Order No. R-1750-A

APPLICATION OF AMERADA PETROLEUM
CORPORATION FOR A SALT WATER
DISPOSAL-OIL-OIL TRIPLE COMPLETION
IN LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on January 25, 1961, 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 day of March, 1961, 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, Amerada Petroleum Corporation, is the owner and operator of the Wimberly Well No. 13, located in Unit M, Section 24, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant proposes to complete the said Wimberly Well No. 13 in such a manner as to permit the disposal of salt water into the San Andres formation in the intervals from 4070 feet to 4090 feet and from 4145 feet to 4165 feet, the production of oil from an undesignated zone perforated in the interval from 5017 feet to 5057 feet, and the production of oil from the Justis-Blinbry Pool through ~~the~~ open hole from ⁵³¹⁹~~5300~~ feet to ⁵⁴⁵⁰~~5500~~ feet.

(4) That the applicant proposes to inject the salt water through 3 1/2-inch casing set at 4241 feet and to produce oil from the undesignated zone through 2 7/8-inch casing set at 5318 feet and to produce oil from the Justis-Blinebry Pool through 2 7/8-inch casing set at 5341 feet, the three casing strings being cemented in a common well bore.

(5) That the casing strings should be cemented from the top of the open hole at ~~a point~~ 5319 feet up to a depth of 1805 feet.

(6) That centralizers or turbolizers should be installed on each joint of casing throughout each producing and disposal interval and on each of the first three joints above and below each interval.

(7) That while multiple completions incorporating a salt water disposal zone are inherently hazardous, the mechanics of this proposed completion appear to afford adequate protection to any fresh waters and all productive formations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Amerada Petroleum Corporation, be and the same is hereby authorized to complete its Wimberly Well No. 13, located in Unit M, Section 24, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the disposal of salt water into the San Andres formation ^{in the} intervals ~~from 4070 feet to 4090 feet and 4145 feet to 4165 feet~~, the production of oil from an undesignated zone perforated in the interval from 5017 feet to 5057 feet, and the production of oil from the Justis-Blinebry Pool through ~~the~~ open hole from ⁵³¹⁹ ~~5300~~ feet to ⁵⁴⁵⁰ ~~5500~~ feet. The salt water will be injected through 3 1/2-inch casing, the undesignated zone produced through 2 7/8-inch casing, and the Justis-Blinebry Pool produced through 2 7/8-inch casing.

PROVIDED HOWEVER, That the 3 1/2-inch casing shall be ^{internally} plastic coated ~~inside~~ and each of the 2 7/8-inch casing strings shall be plastic coated ^{on the} outside.

PROVIDED FURTHER, That all casing strings shall be cemented from the top of the open hole at ~~a point~~ 5319 feet ^{up} to a depth of 1805 feet.

PROVIDED FURTHER, That centralizers or turbolizers shall be installed on each joint of casing throughout each producing and disposal interval and on each of the first three joints above and below each interval.

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

PROVIDED FURTHER, That the applicant shall, upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Blinebry Pool, or as directed by the Secretary-Director of the Commission, take communication tests to ensure that there is no communication between any of the zones.

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 the protection of correlative rights; upon failure of the applicant to comply with any requirement of this order, the Commission may terminate the authority herein granted and require the applicant or its successors and assigns to limit its activities to dual zone or regular single-zone production in the interest of conservation.

(2) That Order No. R-1750 be and the same is hereby superseded.

(3) That the subject well shall be assigned an allowable in the undesignated zone subject to review at a ^{future} nomenclature hearing to determine the vertical limits of the Justis-Blinebry Pool.

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

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 671
SANTA FE

March 23, 1961

Mr. Jason Kellahin
Kellahin & Fox
Box 1713
Santa Fe, New Mexico

Re: Case No. 2170
Order No. A-1750-A
Applicant:
Amerada Petroleum Corporation

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

ir/

Carbon copy of order also sent to:

Hobbs OCC ☒
Artesia OCC ☐
Aztec OCC ☐

OTHER Mr. Howard Bratton

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 25, 1961

EXAMINER HEARING

IN THE MATTER OF:

Application of Amerada Petroleum Corporation for
an amendment of Order R-1750. Applicant, in the
above-styled cause, seeks an amendment of Order
R-1750, which authorized the triple completion of
its Wimberly Well No. 13, located in Unit M, Section
24, Township 25 South, Range 37 East, NMPM, Lea
County, New Mexico, to substitute an undesignated
oil pool, probably Paddock, for the Langlie-Mattix
which was previously authorized. Applicant also pro-
poses to use three parallel strings of tubing rather
than two as provided in Order R-1750.

Case
2170

BEFORE:

Elvin A. Utz, Examiner

TRANSCRIPT OF HEARING

MR. UTZ: Case 2170.

MR. PAYNE: 2170, application of Amerada Petroleum Cor-
poration for an amendment of Order R-1750.

MR. KELLAHIN: Jason Kellahin, Kellahin & Fox, Santa Fe,
representing the applicant. We will have one witness, Mr. Christie.

(Witness sworn.)

MR. KELLAHIN: By way of introduction, this is an appli-
cation to amend the Order R-1750, which was entered in Case No. 2020.
At this time I would like to move to incorporate the record in Case
2020 in this proceeding, since it involves the same subject matter.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

MR. UTZ: The record in Case 2020 will also become a part of the record in this case.

R. S. CHRISTIE

called as a witness, having been previously duly sworn, testified as follows:

DIRECT EXAMINATION

BY MR. KELLAHIN:

Q Would you state your name, please?

A R. S. Christie.

Q By whom are you employed and in what position?

A Petroleum engineer, Amerada Petroleum Corporation, Tulsa, Oklahoma.

Q Have you testified before the Oil Conservation Commission of New Mexico as a petroleum engineer?

A Yes, I have.

MR. KELLAHIN: Are the witness's qualifications acceptable?

MR. UTZ: Yes, they are.

Q (By Mr. Kellahin) Mr. Christie, are you familiar with the application in Case 2170 now being heard?

A Yes, sir.

Q Would you state what is proposed in this application?

A In Case No. 2020 we sought to dual complete our Wimberly No. 13 as a producer from the Langlie-Mattox gas pool and the Blinebry oil pool, and inject salt water into the San Andres. We found, after drilling the well, that we had a productive zone in



what we called in our application a non-designated zone, and we are here now to apply for permission to recomplete this well in this undesignated zone, together with the other two zones that have been approved.

Q Attached to the application was a plat marked Exhibit A. Would you state briefly what that shows?

A Exhibit A, attached to the application, has been revised to include some later wells. Exhibit A shows the development around the Wimberly lease. The Wimberly lease is outlined in red, with the subject well, the Wimberly No. 13 in the SW/4 of the SW/4 of Section 24, Township 25 South, Range 37 East. The legend at the bottom of the plat on the left-hand side indicates the various formations that the various wells are completed in, to the best of our knowledge, at least.

Q Does the exhibit also show the lease ownership?

A Yes, it does.

Q Likewise, attached to the application was a form of application for a triple completion, marked as Exhibit B; is that correct?

A Yes, that's correct.

Q Does that set forth the proposal involved in this application?

A Yes, sir.

Q Also attached to the application, marked as Exhibit C, was application for disposal of salt water. Does that correctly



reflect what you propose in this application?

A Yes, it does.

Q Now, Mr. Christie, have you made a diagrammatic sketch of the proposed dual completion?

A Yes, sir.

MR. KELLAHIN: Could we have that marked as Exhibit D, please?

Q Referring to what has been marked as Exhibit D, would you discuss the information shown on the exhibit?

A Exhibit P shows the present completion of the subject well. The salt water injection zone was cased off and 3 1/2-inch casing was set at 4241, and then, in place of running the 3 1/2-inch producing string with 1 1/2 inside as we contemplated in the original application, we have now run two strings of 2 7/8-inch tubing, one set at 5318 feet and perforated for production from the undesignated zone, perforations being from 5017 feet to 5057 feet. The other string is completed in open hole, or is run into open hole from a depth of 5319 to 5450 feet, and is used for production from the Blinebry zone. The top of the cement is indicated, 1805 feet, so that all three strings have been cemented, and you will also note that the 3 1/2-inch salt water string is internally plastic-coated, and the other two strings externally plastic-coated.

Q How does that completion differ from the completion approved by Order R-1750?

A The difference is that now we have a single string for

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



DEARNLEY-MEIER REPORTING SERVICE, Inc.
ALBUQUERQUE, NEW MEXICO

PHONE CH 3-6691

each producing zone, whereas before we had a 1 1/2-inch string running inside 3 1/2-inch string with a packer set in, and this appears to us to be more adaptable to this kind of production operations.

Q In your opinion, is that a safer and more feasible type of completion than that that was originally approved by the Commission?

A I don't know that it is any safer, but it is much easier to run and complete this way, and we felt that the other one was safe enough, but if there is any difference this would probably be more, meet their approval more so than the other.

Q In your opinion will the completion which you have made here insure against communication between the zones which are open in the well bore?

A Yes, I think so.

Q Do you have an electric log on the subject well?

A Yes, sir.

MR. KELLAHIN: May we have that marked as Exhibit E, please?

Q Referring to what has been marked as Exhibit E, would you state what information you have shown on that exhibit?

A Exhibit E is a sonic log of the subject well and included on the log are various tops, the different formations from the top of the Tansill down through the Blinbry zone. The principal ones we are concerned about, however, are the San Andres, in which we are injecting water, and the undesignated zone which lies between



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

the base of the Justis Gas and the top of the Blinebry and then, of course, the lower zone which is the Blinebry zone.

Q In your opinion, what is this undesignated zone, or do you have an opinion on it?

A Based on the definition of the Paddock gas zone, which is defined in Order No. R-1670, that is marked as approximately 4873 feet on this exhibit, so, from the base of the gas zone to what we choose to call the top of the Blinebry, or the top of Clear Fork at approximately 5130 feet, it is a zone that contains oil, and if we were asked for definition of that particular zone we'd prefer to call it the Lower Paddock, since it is below the gas, and it contains zones of porosity and permeability and saturation, oil saturation.

Q Was that particular zone involved in a nomenclature case at the last hearing?

A Yes, it was.

Q Do you know what occurred in that case?

A The case was dismissed for further study.

Q That involved the zone which is the subject of your testimony here?

A It involves both that zone and probably the Blinebry, because there is apparently a difference of opinion as to where the top of the Blinebry is. The top of the Blinebry we have shown on this exhibit is the correlation point that we believe the Commission geologists in the Hobbs Office picked for the top of the Blinebry, and we have been using that as a top of the producing zone, or top



of the Blinebry.

Q Has that top ever been defined by any order of the Commission, to your knowledge?

A It has never been defined, the vertical limits, that I know of.

Q It is just a matter of field practice that you picked the top?

A Yes, sir.

Q In your opinion is there separation from what you have denominated the Lower Paddock, and the Blinebry?

A Yes, we feel there is. We have some substantiating evidence that indicates they are separated. In the undesignated zone, or the Paddock, the gravity of the oil is higher.

Q Do you have those figures?

A Yes. On a test upon completion the well produced 324 barrels with a gravity of 42.1 API; gas-oil ratio, 11,000 cubic feet. That was taken on December 21, or, at least, the test was started on the 21st. The gravity of the Blinebry zone was 37.8 with a gas-oil ratio of 457. In addition to the variation of the gravities, there is some difference in the bottomhole pressure. The static bottomhole pressure of the Paddock, or undesignated zone, is approximately 2343 pounds at minus 2300 feet, and the pressure of the Blinebry zone, maximum pressure recorded was 2211 at the same datum. Now, if we can correct the Paddock to the interval from where the production is coming from, there is not very much

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



difference in the bottomhole pressure, approximately 22 pounds, the Paddock being the higher zone, has a higher pressure than the Blinebry zone which is some 300 feet lower.

Q Is there any difference stratigraphically in the formations involved?

A Yes, there is. Generally, we pick the top of the Blinebry, here, the top of Clear Fork, where we get a clean break in the dolomite. The dolomite is clean and practically one hundred percent, whereas, above that we have a sandy dolomite and sand streak, so from the formation standpoint the material, the formation is different.

Q Were Exhibits A through E, inclusive, prepared by you or under your supervision?

A Yes, sir.

MR. KELLAHIN: At this time I would like to offer in evidence Exhibits A through E.

MR. UTZ: Without objection Exhibits A through E will be entered into the record.

Q (By Mr. Kellahin) Do you have anything further to add, Mr. Christie?

A No, except that we believe that we are justified in asking for this dual for these two reservoirs and receive allowable on the undesignated zone or the Lower Paddock, as we would like to have it called. The well has been completed now since about the 10th of December.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

Q Is there any change in your proposal as to the disposal of salt water from your previous case?

A No, there isn't. It is the same completion that we have proposed in our original application.

MR. KELLAHIN: That is all the questions I have, Mr. Utz.

BY MR. UTZ:

Q Mr. Christie, how thick is the plastic coating on this tubing that you are using?

A I don't know. I can't answer that question.

Q It is threaded tubing?

A Yes.

Q What is the possibility of scratching or damaging the plastic coating in running the tubing?

A I think it would be rather remote.

Q You don't believe that by damaging the tubing you could possibly cause considerable corrosion in your salt water string?

A No, I doubt it.

Q As an additional precaution, that is why you are using external plastic-coating on your other two strings?

A Well, I don't think we would need it for that because they are all encased in cement. I don't think one could get from the injection string to the other anyway.

Q What kind of centralizers have you used?

A I believe we followed the order that was set out in Case

2020 where we were required to run a turbilizer, and I don't know



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

the particular make, but I am sure we followed that plan.

Q From the top of the cement at 1805 to the surface casing at 855 it is open hole, is that right?

A Yes, that is correct.

Q Are there potable waters or oil zones in that area?

A No. The surface pipe is low enough to protect all fresh waters, and, to the best of my knowledge, there is no water sand or oil sands, gas sands, between 855 and 1805.

Q What is the nearest well to this area to be completed in the San Andres?

A I would assume it would be in the Monument, although I am not positive.

Q It would be a considerable distance away?

A Yes, sir.

MR. KELLAHIN: If I am not mistaken that was the effect of the testimony in Case 2020, Mr. Utz.

Q (By Mr. Utz) What did you say the Blinebry gravity was, or did you give it?

A 37.8.

Q At the same datum you have 2211 for the Blinebry and 2340 for the undesignated zone?

A 2343, yes, sir.

Q And the Blinebry zone, what was the GOR on it?

A 457.

Q And 11,000 on the undesignated zone?



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CM 3-6691

ALBUQUERQUE, NEW MEXICO

A Yes, sir.

BY MR. PAYNE:

Q Do you have as much separation between the disposal zone and the uppermost producing zone now as you had when the Langlie-Mattix was proposed as the other producing zone?

A I don't know that I follow your question.

Q Is the production from this undesignated zone lower or higher than that of the Langlie-Mattix?

A It is lower.

Q This undesignated is?

A Yes.

Q Actually, you have more separation now as far as distance, from your injection interval to the first producing?

A Actually the Langlie-Mattix would be above the perforations in the San Andres.

Q So now the injection is above both of the producing horizons whereas before it was in the middle?

A That's right. I might add, we know we have a good cement job here; in testing it we had a vacuum on our salt water disposal well and we took a flow test on our undesignated zone. The pressure on the Blinbry continued to build up slightly after we shut it in while we were taking the flow test on the Paddock, and it had declined during the test from about 2350 -- well, 2343 -- down to, when it was first opened up, down to 14, approximately 1500 pounds. Then it gradually built back up to 16, about 1640 or 50 when the



well was shut in, so there was no decline at all in the Blinebry while the undesignated zone was on production. After about four days the undesignated zone continued to build up and reached a maximum of about 2300 pounds, not quite as high as it was in the initial test.

BY MR. UTZ:

Q Did the Langlie-Mattix zone prove to be barren?

A That I don't know.

MR. UTZ: Any other questions of the witness? Witness may be excused. Any other statements in this case?

MR. BRATTON: Howard Bratton, appearing on behalf of Atlantic Refining Company. Atlantic Refining Company owns the N/2 of the SE/4 of Section 23, which is a diagonal offset to the well in question. Atlantic has only one concern in the case. That is with respect to the so-called undesignated zone. At the outset I would like to state, we have no objection to Amerada being given allowable for this undesignated zone on a temporary basis. We do observe there is a question as to where the top of the Blinebry is, and there is a disagreement among the operators in the pool. It is my understanding that there has been called a meeting of the operators in the pool to see if they can agree on vertical limits and, in conjunction with the Commission, establish vertical limits that are satisfactory to the Commission and to all of the operators.

It is for that reason, that the matter is under consideration, and there is an attempt to work it out, that we do ask that any

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



allowable to be granted in this case for the undesignated zone be on a temporary basis pending the attempt to work this out amicably among all the parties and the Commission. Otherwise, of course, it will come on for hearing before the Commission.

MR. UTZ: Where did you say your interests were, in Section 23?

MR. BRATTON: It would be the N/2 of the N/2 of the SE/4.

MR. PAYNE: Mr. Bratton, I assume that Atlantic Refining feels there is possibly Blinebry production, is that right?

MR. BRATTON: Yes, sir.

MR. PAYNE: Then the assignment of a temporary allowable, what depth factor should you use? Are you going to use the Blinebry pool or are you going to use this as a discovery well in the Paddock?

MR. BRATTON: We just bring the Commission's attention to the matter. There is a disagreement as to where the top of the Blinebry is. We have no quarrel with what allowable might be set on a temporary basis. We don't want to interfere with that.

MR. CHRISTIE: Since we think it is possibly a Lower Paddock we would be satisfied to call it, whatever depth that is.

MR. UTZ: The ownership on that map, could it be in error, Mr. Christie?

MR. CHRISTIE: It could well be, Mr. Utz.

MR. UTZ: I believe you show El Paso as the owner of the N/2 of the SE corner of 23.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



MR. BRATTON: That could be the gas rights.

MR. CHRISTIE: I think they do own the gas rights to some of that.

MR. UTZ: Other questions of the witness? He may be excused. Other statements? Case will be taken under advisement.

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, JUNE PAIGE, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

June Paige
Notary Public - Court Reporter

DEARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, NEW MEXICO

PHONE CH 3-6691



INDEX

WITNESS

PAGE

R. S. CHRISTIE	2
Direct Examination by Mr. Kellahin	9
QUESTIONS by Mr. Utz	11
QUESTIONS by Mr. Payne	12
STATEMENT by Mr. Bratton	

EXHIBITS

<u>Number</u>	<u>Exhibit</u>	<u>Identified</u>	<u>Offered</u>	<u>Admitted</u>
Ex.#1	Plat	3	8	8
Ex.#2	Application for triple comp.	3	8	8
Ex.#3	Application, salt water disp.	3	8	8
Ex.#4	Diagrammatic sketch	4	8	8
Ex.#5	Electric log	5	8	8

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 7170.
heard by me on Jan. 25, 1961.

[Signature], Examiner
New Mexico Oil Conservation Commission

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

