

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
H. D. Bushnell

KELLAHIN AND FOX

By

Jason W. Kellahin
Jason W. Kellahin

Attorneys for Applicant

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 M | Unit 24 | Section 25 South | Township 37 East | 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.

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

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 ^B~~the~~ 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 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 Minquill 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 J. Lee
Notary Public

My Commission expires November 30, 1963