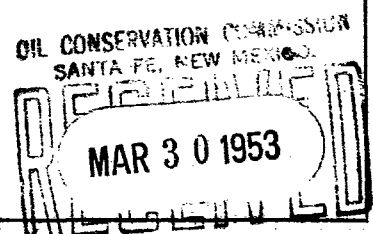


BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

Santa Fe, New Mexico
March 17, 1953

TRANSCRIPT OF HEARING
CASES NO. 506 through 516 (CONSOLIDATED)



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ALBUQUERQUE, NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

Santa Fe, New Mexico
March 17, 1953

In the Matter of:

Amerada Petroleum Corporation's applications
for permission to dually complete the
following (gas-oil) wells:

Cases Nos.

State "LMT" Well No. 5, NE NE, 36-23S-36E,
Langlie-Mattix Pool, Lea County.

506

State "JA" Well No. 2, SW NW, 27-26S-36E,
Rhodes Pool, Lea County.

507

Weir Well No. 4, SE NW, 35-19S-36E, Eunice-
Monument Pool, Lea County.

508

Laughlin Well No. 1, NW NW, 20-20S-37E,
Eunice-Monument Pool, Lea County.

509

Byrd Well No. 1, NW NE, 12-20S-36E, Eunice-
Monument Pool, Lea County.

510

State "V" Well No. 3, SE NE, 36-19S-36E,
Eunice-Monument Pool, Lea County.

511

State "U" Well No. 1, SW NW, 32-19S-37E,
Eunice-Monument Pool, Lea County.

512

State "P" Well No. 2, SW SW, 29-19S-37E,
Eunice-Monument Pool, Lea County.

513

State "O" Well No. 1, NW NE, 30-19S-37E,
Eunice-Monument Pool, Lea County.

514

State "DA" Well No. 4, NE SE, 16-21S-37E,
Drinkard Pool, Lea County.

515

J. A. Stuart Well No. 2, SW NW, 14-25S-37E,
Langlie-Mattix Pool, Lea County.

516

(Consolidated.)

TRANSCRIPT OF HEARING

MR. SPURRIER: The next case on the Docket is Case 506.
It is our understanding that Cases 506 through 516 can be and
will be consolidated for the purpose of taking testimony. The

record will show that the notices were read.

MR. CHRISTY: Mr. W. G. Abbott, District Engineer at Hobbs will testify in the case.

(Witness sworn.)

MR. CHRISTY: Mr. Abbott has not testified before the Commission. Would you like to have him give the qualifications?

MR. SPURRIER: Please.

MR. ABBOTT: My name is W. G. Abbott. I graduated from the University of Texas, Spring of 1948, and have a bachelor of science degree in mechanical engineering and for the past five years I have been employed by Amerada Petroleum Corporation. The last year and a half I have been District Engineer for Amerada at Monument, New Mexico.

MR. SPURRIER: Very well.

MR. ABBOTT: I want to offer the applications here as evidence, also the plats. I will go through these various cases and bring out any changes in the applications or plats.

The first case, 506, is our State "LMT" Well No. 5 and that it will be dualled with the Langlie-Mattix oil pay in the Langlie-Mattix gas. We have a Slumber J Electric Log on that well.

The next case is 507, State "JA" Well No. 2, and that is the Rhodes oil pay and it is outside any gas pool, any designated gas pool. I want to offer this as Exhibit B for Case 506. This is Exhibit B for 507.

The next case is 508, the Weir Well No. 4, that will be dualled with the Monument/^{oil}pay and the gas pay in the Eumont Pool. We have a Lane Well Log on that well.

The next case is 509, Laughlin Well No. 1. That is going to be dualled with the Monument Oil Pay and the gas pay from the Eumont Gas Pool. There is one change here. On the application we have a typographical error, that is supposed to be Section 9 Township 20 South, Range 37 East instead of Section 20. On the plat submitted it is correct. Here are the plats for the last two cases. We don't have anything to show that Laughlin Well No. 1. We will run a Lane Well Gamma Ray Neutron Log.

MR. MACEY: You want to change Section 20 back to Section 9 on Laughlin No. 1?

MR. ABBOTT: Yes, sir. The next case is 510, our Byrd Well No. 1, producing the oil from the Monument Oil Pay and the gas from the Eumont Gas Pay. We do not have a log on this well and we will run the Lane Well Gamma Ray Neutron. Here is a diagram of that proposed.

Next, Case 511 is our State "V" Well No. 3. That will be dualled with the Monument Oil Pay and the gas from the Eumont Gas Pay. Here is a diagram on that.

Case 512, our State "U" No. 1, that one will also be dualled with the Monument Oil Pay and a gas pay from the Eumont Gas Pool. There is no log on that well. We will run a Lane Wells Gamma Ray Neutron. Here is a diagram of that.

Case 513, our State "P" No. 2 Well. That also will produce the oil from the Monument Pay through the tubing and the gas through the casing from the Eumont Gas Pay.. No log on that well and we will run a Lane Wells survey. Here is a sketch of it.

The next case is 514, our State "O" No. 1. That one we will produce the oil through the tubing from the Monument Oil Pay and

our gas through the casing from the Eumont Gas Pay.

Our next application, Case 515, our dual completion in our State "DA" No. 4. We have already dualled that so we can change the application slightly. We have already perforated the gas zone, the Blinebry Pay at 5,648, 5,718. We acidized with 2,000 gallons of acid dolefract with 3,000 gallons of dolefract and 1,500 pounds of sand and it flowed 197 MCF per day. We have a Brown Duro Packer at 6,033, a Sweetside Door Choke at 6,030. That well is located one location west of the Blinebry Gas Pool as designated by the Commission. If this application is granted we will extend that gas pay to include this location. Here is a sketch on that.

Case 516, J. A. Stuart No. 2, we have tested the interval, our gas interval and the gas production was non-commercial, so we would like to withdraw this dual completion.

MR. MACEY: Squeeze off the perforation?

MR. ABBOTT: Yes, sir. We respectfully request that these applications be granted in the interest of conservation and protection of correlative rights. Amerada will comply with all the rules and regulations of the Oil Conservation Commission to maintain separation of production from any two pay zones, and that the manner and method of the proposed dual completions are mechanically feasible and practical.

MR. GRAHAM: You need separate orders in each case.

MR. ABBOTT: If it is necessary. I think we will agree with the previous spacing granted by the Commission.

MR. CHRISTY: We offer in evidence Exhibit B of each of these cases.

MR. SPURRIER: Without objection they will be received. Since Case 509 was improperly advertised, being Section 9 instead of Section 20, I think that we should get a release from your off-set operators that they have no objection .

MR. ABBOTT: Yes, sir.

MR SPURRIER: If that is satisfactory with Amerada. When can we expect these logs to be submitted?

MR. ABBOTT: Do you want the logs that have not been run or the logs that we have already run?

MR. SPURRIER: Well, I notice you said you would submit, you would run electric logs.

MR. ABBOTT: Yes, sir.

MR. SPURRIER: We would like to have that.

MR. CHRISTY: We can submit the logs that have been run at this time, and as soon as the others have been run we will submit those. Would you like to have the one we have now?

MR. MACEY: I would like the file to be complete. If you have them available, or if you want to send us a copy in the near future of what you have run, that will be all right.

MR. WHITE: Do you have any data as to the bottom hole pressure of the respective wells?

MR. ABBOTT: I imagine the bottom hole pressures in the Monument pay would be anywhere from 300 to 1,000 pounds in the oil zone. The bottom hole pressure in the gas zone will be a thousand to thirteen hundred.

MR. SPURRIER: Any other questions? If not the witness may be excused. We will take these cases under advisement.

(Witness excused.)

STATE OF NEW MEXICO)
 : SS.
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, hereby certify that the above and foregoing transcript of proceedings in Cases No. 506 through 516, taken before the Oil Conservation Commission on March 17, 1953, at Santa Fe, New Mexico, is a true and correct record.

Dated in Albuquerque, New Mexico, this 25th day of March, 1953.


Notary Public

My Commission Expires:
June 19, 1955.

ADA DEARNLEY & ASSOCIATES
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ALBUQUERQUE, NEW MEXICO