

CASE 1874: Application of VAL R.
REESE & ASSOCIATES for dual of its
LYBROOK WELL NO. 1-10 in Unit C.

Case No.

1874

Application, Transcript,
Small Exhibits, Etc.

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 27, 1960

IN THE MATTER OF:

APPLICATION OF VAL R. REESE & ASSOCIATES, INC.,
for a dual completion. Applicant, in the above
styled cause seeks an order authorizing the
dual completion of its Lybrook Well No. 1-19,
located in Unit C, Section 19, Township 24
North, Range 6 West, Rio Arriba County,
New Mexico, in such a manner as to permit
the production of gas from an undesignated
Gallup pool and the production of gas from
an undesignated Dakota pool through parallel
strings of tubing.

CASE NO.
1874

BEFORE:

ELVIS A. UTZ - EXAMINER

TRANSCRIPT OF PROCEEDINGS

MR. UTZ: Case No. 1874.

MR. PAYNE: Application of Val R. Reese & Associates,
Inc., for a dual completion.

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PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



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I N D E X

WITNESS

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LEWIS C. JAMESON

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E X H I B I T S

NUMBER

EXHIBIT

MARKED

1	Ownership Plat	11
2	Electric Log	11



MR. ERREBO: Burns Harris Errebo, of Albuquerque, appearing on behalf of the applicant. I have a witness and he may be sworn.

(Witness sworn)

MR. UTZ: Are there any appearances to be made in this case?

(No response)

MR. ERREBO: This is an application which is made necessary by virtue of the fact that the zones duly completed are not contained within the limits of the pool or pools. Actually, there's been a Dakota discovery in the lower zone and the upper zone well just went in one-half mile of the Escreto-Gallup.

LEWIS C. JAMESON

a witness, called by and on behalf of the Applicant, having been duly sworn, testified as follows:

DIRECT EXAMINATION

BY MR. ERREBO:

Q Will you state your name, please?

A Lewis C. Jameson.

Q With whom are you associated?

A Val R. Reese & Associates, Inc., Albuquerque, New Mexico.

Q What is your relation with them?

A Geologist.

Q Have you ever testified before this Commission as

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an expert witness?

A No, I have not.

Q Would you state what your educational background is?

A I graduated from Sul Ross State College, in Alpine, Texas in 1954 with a B.S. Degree in Geology.

Q Now, would you briefly outline to the Examiners the experience that you have had since leaving school?

A Immediately after graduating, I went to work for Delta Company in Tyler, Texas as a geologist and assistant chief geologist and my work consisted of sub-service studies and preparation of material for preparation for the Texas Railroad Commission and all phases of exploration geology. In May, 1955, I joined Pacific Northwest Pipeline Corporation as geological engineer and while with Pacific Northwest, my duties consisted of calculation of the gas reserves owned by or dedicated to Pacific Northwest Pipeline for presentation before the Federal Power Commission. I continued to work after joining the subsidiary of Pacific Northwest in June of 1956. In June of 1957, I left Northwest Production Corporation to join Val R. Reese & Associates, Inc. as a geological consultant, the firm of which I am Vice-President. I have worked preparing exhibits and worked for Federal Power Commission and the Security Exchange Commission.

Q Now, Mr. Jameson, in connection with your work in Val R. Reese, do you have occasion to work in the design and the installation of oil and gas producing equipment and surface facilities?



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ties as well as other equipment?

A Yes, we handle all the work for building the location to fencing the pits.

Q Actually, do you yourself do that type of work?

A Yes.

Q In other words, what we are interested in doing is informing the Commission concerning your background and knowledge concerning the testimony which you will give in this hearing and you actually have had then, a considerable amount of this experience in equipping of wells?

A Yes, I have.

MR. ERREBO: Are his qualifications acceptable?

MR. UTZ: Yes, sir, they are.

QUESTIONS BY MR. ERREBO:

Q Will you refer to the first exhibit, Exhibit No. 1, and briefly identify it?

A Exhibit No. 1 is an ownership plat of No. 1-19 Lybrook Well, the location of the well has been circled in red on the exhibits. The well is located in Section 19, Township 24 North, Range 6 West.

Q That is the well which is subject to this application, isn't it?

A Yes, it is.

Q Will you state to the Examiner why it is necessary that the hearing be held?



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A The completion in the Dakota is of a walk-out nature, the nearest dock producer being approximately 6 miles to the north-east and the well is a gas completion.

Q That is a discovery well?

A Yes, it is, and in the Gallup formation, the well is a gas completion, the location is approximately one-half mile northeast of the limits of the Escreto-Gallup Field.

Q Now, will you refer to Exhibit No. 2 and identify it briefly?

A Exhibit No. 2 is an electric log of the Number 1-19 well, the top and the base of the Gallup and Dakota formations have been formed.

Q What is the approximate footage interval between the bottom of the Gallup and the top of the Dakota?

A The top of the Dakota is at 6297 and the base of the Gallup is at 5568, which would be a little over 700 feet.

Q Now, will you refer to your Exhibit No. 3?

A Exhibit No. 3 is a diagrammatic drawing of the mechanics for producing the Number 1-19 well through parallel strings of tubing with a permanent type Baker Model D production packer set at 6340 to separate the two zones.

Q Will you give the results of either the initial or any recent production tests from these two zones?

A The initial potential of the Gallup section was for 3476, calculated as open flow and from the Dakota, 1,342,000



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calculating open flow.

Q What was the gas-oil ratio?

A Both zones produced a very small amount of liquids. The Gallup section was produced through a separator, however, the separator didn't dump during the tests and the liquids from the Dakota are even of less magnitude.

MR. UTZ: How long was that test?

A Three hours.

QUESTION BY MR. ERREBO:

Q Have you taken a segregation in packer leakage tests and has that form and the results of that test been filed with the Commission?

A Yes, we did, and it has.

Q I don't recall that you gave the pressures countering in the zone. If you did not, will you please give them?

A The shut-in pressure on the Gallup, after 7 days was 1636 pounds on the tubing, 1654 pounds on the casing and on the Dakota the shut-in tubing pressure also after 7 days, was 2123 pounds.

Q What do you estimate to be the differential across the packer?

A It would be approximately 600 pounds.

Q Is there any question in your mind but what this packer will effectively separate under the pressure differential?

A No, there is not.



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Q Is it your opinion that the granting of this application will result in a prevention of waste?

A Yes, it will.

Q You do not know any instances in which the correlative rights will be violated?

A No, I do not.

MR. ERREBO: That's all we have.

QUESTIONS BY MR. UTZ:

Q Do you have a gravity zone?

A The specific gravity of the gas?

Q Yes, sir.

A The gas on the Gallup is .68 and the gas on the Dakota is .63

Q Are they both sweet gases?

A Yes, they are.

Q Referring to Exhibit 2, which of these Gallup zones do you feel correlate with the Escreto-Gallup?

A Val R. Reese & Associates have completed the Number 1-21 County Well in Section 21, 24, 7, in all three zones and the Killarney-Brown and the Number 1-24 zone is completed in all the zones. I believe there's possibly one or two other wells completed in more than one zone.

Q This Killarney-Brown Well, is that a gas well?

A Yes.

Q Is that within the limits of the Escreto-Gallup pool?



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A Yes, sir.

Q And it is completed in all three of these zones?

A Yes, sir.

Q And I take it that all three of these zones are definitely gas bearing zones?

A Yes, sir, we cannot separate which zone is producing gas and which would be producing oil. The reservoir characteristics of all three zones are very similar.

Q Do you know how much liquid was in the Killarney-Brown Well?

A Yes, on a back-pressure test, the liquids recoverable were 10 barrels during the production of 750 MCF, I believe that's about 13 barrels per MCF.

MR. UTZ: Any other questions?

QUESTIONS BY MR. PAYNE:

Q Did I understand you to say, Mr. Jameson, that you have a gas well in the Gallup within the Escreto-Gallup oil pool?

A Yes, sir, the Killarney well was completed for initial potential of 1870 MCF calculated and sent open flow. During the initial potential testing it made 7 barrels of oil in three hours.

Q But is classified as an oil well?

A Yes, however, it was potentialized as a gas well.

Q Now, this well might very well -- under our present classification of the Escreto-Gallup pool which I realize there is



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an application pending to change that classification in some respects, assuming that were not done, your Gallup completion here might very well subsequently be treated as an oil well, might it not?

A We have no objection to it being classified as an oil well. However, I would like to point out that the Redfern and Herd Well in Section 18, it is their No. 1 Largo Spur Well, according to the information given to us by Redfern, is producing 5000 MCF per day.

Q If it were, the classification were changed to an oil well, in all probability it would be a penalized probability?

A Yes, it would be under present rules.

QUESTIONS BY MR. UTZ:

Q Are you familiar with the Redfern and Herd?

A Yes, I am.

Q Is it completed in the same three zones?

A No, sir, they figured that the production they were going to get out of the Mary Zone would be all they would need for a pretty nice well.

Q The Mary Zone is completed in the well in question and also in the Killarney?

A Yes. I would like to add one thing. The Redfern and Herd No. 2 well in Section 13, Township 24 North, Range 7 West, has been potentialized for 14,370,000 MCF, calculated as an open flow.



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Q Which Section was that in, now?

A Section 13, Township 24 North, Range 7 West.

Q You don't show that on your Exhibit?

A It is a very recent completion. In fact, we are only aware of that since yesterday, having talked to the geologist employed by Redfern and Herd.

MR. PAYNE: Do you feel that the Gallup completion is a gas cap well?

A No, sir.

MR. ERREBO: Mr. Jameson, actually what study have you made to determine whether or not there is a gas cap present there?

A We have made cross sections in the area and made studies of all the cored wells in the area. The reservoir characteristics shown by core analysis are all very similar.

MR. UTZ: You may be excused.

(Witness excused.)

(Thereupon the documents above referred to were marked Applicant's Exhibits No. 1 and 2 for identification.)

The case will be taken under advisement.



STATE OF NEW MEXICO)
) SS
COUNTY OF BERNALILLO)

I, LAURA MORENO, Court Reporter, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me in Stenotype and reduced to typewritten transcript under my personal supervision and that the same is a true and correct record to the best of my knowledge, skill and ability.

WITNESS my hand this 6 day of February, 1960, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

Laura Moreno
Laura Moreno, Court Reporter.

I do hereby certify that the foregoing is a complete record of the proceedings in the hearing held on Case No. 1824, heard by me on Jan. 27, 1960.

[Signature], Examiner
New Mexico Oil Conservation Commission

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OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date 1-28-60

CASE 1874

Hearing Date 1-27-60

My recommendations for an order in the above numbered cases are as follows:

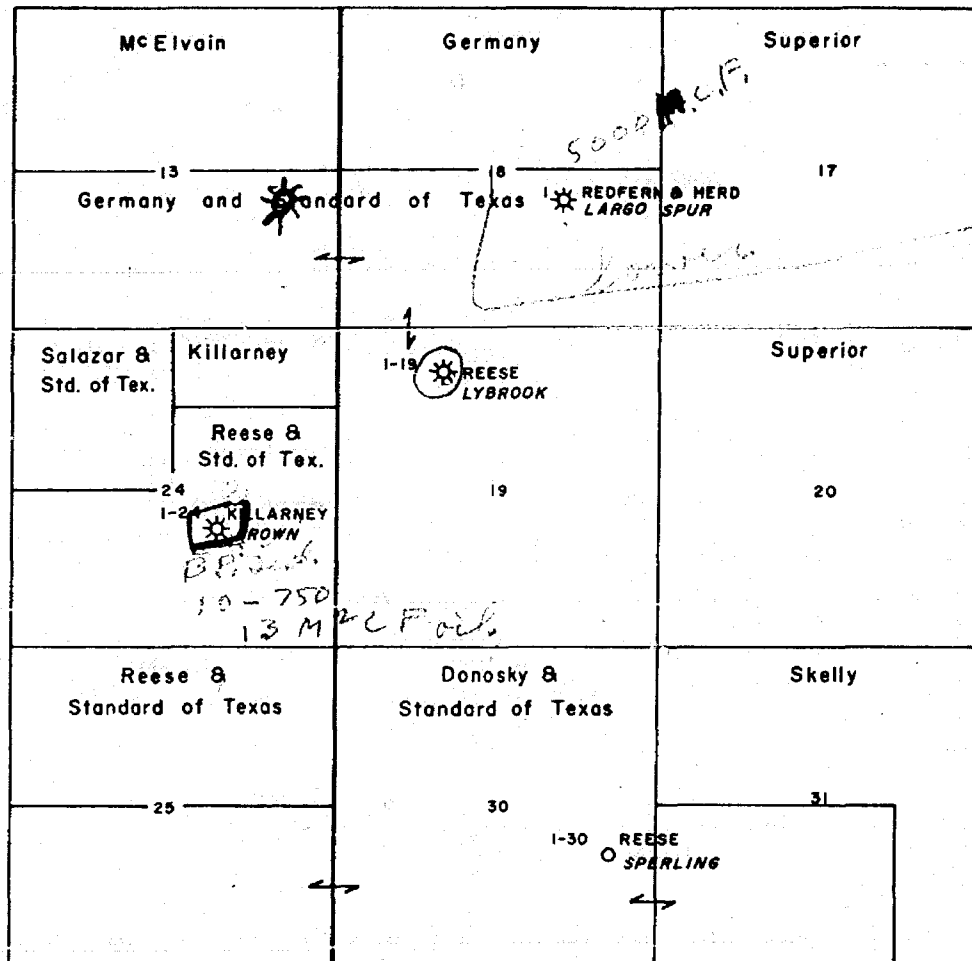
1. Grant Val R. Reese application for Gallup Gas - Dakota Gas. dual. Gallup's upper zone.
2. Baker model "D" packer is to be set @ 6340.
3. Packer tests to be taken at time annual test is run on Dakota zone.
4. Usual dual otherwise.

Frank A. [Signature]

Staff Member

R 7 W

R 6 W



T
24
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LOCATION AND OWNERSHIP PLAT FOR
WELL 1-19 IN SECTION 19 OF
T 24 N AND R 6 W

VAL R. REESE AND ASSOCIATES INC.
LOBBY OF SIMMS BLDG.
ALBUQUERQUE, NEW MEXICO

APPLICATION FOR DUAL GAS COMPLETION
OF WELL # 1-19 IN GALLUP AND DAKOTA
FORMATIONS

RIO ARriba COUNTY
NEW MEXICO

Drawn: W.H. McGahey
Approved: J. Jacobs

Scale: 1" = 3000'
Date: 12-1-59

Docket No. 3-60
Case 1874
Reese Exhibit No 1

DOCKET: EXAMINER HEARING JANUARY 27, 1960OIL CONSERVATION COMMISSION - 9 a.m., MABRY HALL, STATE CAPITOL, SANTA FE

The following cases will be heard before Elvis A. Utz, Examiner, or A. L. Porter, Jr., Secretary-Director:

- CASE 1866: Application of British-American Oil Producing Company for approval of a unit agreement. Applicant, in the above-styled cause, seeks an order approving its West Bisti-Lower Gallup Sand Unit Agreement, which Unit is to comprise 14,331 acres, more or less, in Townships 25 and 26 North, Ranges 13 and 14 West, San Juan County, New Mexico.
- CASE 1867: Application of British-American Oil Producing Company for a pressure maintenance project in the Bisti-Lower Gallup Oil Pool and promulgation of special rules in connection therewith. Applicant, in the above-styled cause, seeks an order authorizing a pressure maintenance project in the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico, by the injection of water into the Lower Gallup formation through 17 wells. Applicant further proposes that special rules be adopted governing said project including the transfer of allowables from injection and shut-in wells to producing wells in the project and for establishment of an administrative procedure to convert additional wells to injection.
- CASE 1868: Application of Hamilton Dome Oil Company, Ltd. for permission to commingle the production from three separate pools. Applicant, in the above-styled cause, seeks an order authorizing it to commingle the production from the Justis-Drinkard Pool, the Justis-Fusselman Pool and an undesignated Tubb pool from wells on a lease consisting of the S/2 SE/4 of Section 25, Township 25 South, Range 37 East, Lea County, New Mexico.
- CASE 1869: Application of Newmont Oil Company for approval to convert five additional wells in the Loco Hills Pool to water injection. Applicant, in the above-styled cause, seeks an order authorizing it to convert to water injection five additional wells in its water flood project in the Loco Hills Pool, Eddy County, New Mexico. Said wells are the Brigham Well No. 1-A, Yates Well No. 4, Yates A Well No. 10, Yates A Well No. 12, and Coppedge Well No. 2, located respectively in the SE/4 SE/4 of Section 31, Township 17 South, Range 30 East, NE/4 SW/4 of Section 6, SW/4 SW/4 of Section 6, NE/4 NE/4 of Section 6, and NW/4 NW/4 of Section 5, all in Township 18 South, Range 30 East.

CASE 1870:

Application of Newmont Oil Company for permission to install four separate automatic custody transfer systems. Applicant, in the above-styled cause, seeks an order authorizing it to install a separate automatic custody transfer system on each of four leases in applicant's water flood project in the Loco Hills Pool, Eddy County, New Mexico.

CASE 1871:

Application of Union Oil Company of California for approval of a unit agreement. Applicant, in the above-styled cause, seeks an order approving its North Anderson Ranch Unit Agreement, which Unit is to comprise 360 acres, more or less, consisting of portions of Sections 32 and 33, Township 15 South, Range 32 East, Lea County, New Mexico.

CASE 1872:

Application of Gulf Oil Corporation for authority to commingle the production from four separate leases and for approval of an automatic custody transfer system to handle said commingled production. Applicant, in the above-styled cause, seeks permission to commingle the production from the following four separate leases and to install an automatic custody transfer system to handle the Pearl-Queen Pool production from all wells located thereon:

Lea-State "AP" lease, E/2 of Section 30;
Lea-State "AQ" lease, N/2 of Section 32;
Lea-State "BG" lease, N/2 of Section 33;
Lea-State "IH" lease, W/2 SW/4 and W/2 SE/4
of Section 29,

all in Township 19 South, Range 35 East, Lea County, New Mexico.

CASE 1873:

Application of The Atlantic Refining Company for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Langlie Federal "A" Well No. 1, located in Unit H, Section 14, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Justis-Blinbry Pool and the production of oil from an undesignated Tubb pool through parallel strings of tubing.

CASE 1874:

Application of Val R. Reese & Associates, Inc., for a dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Lybrook Well No. 1-19, located in Unit C, Section 19, Township 24 North, Range 6 West, Rio Arriba County, New Mexico, in such a manner

as to permit the production of gas from an undesignated Gallup pool and the production of gas from an undesignated Dakota pool through parallel strings of tubing.

CASE 1875:

Application of Continental Oil Company for a non-standard gas proration unit and for an order force-pooling the interests therein. Applicant, in the above-styled cause, seeks the establishment of a 160-acre non-standard gas proration unit in the Blinebry Gas Pool consisting of lots 6, 10, 11, and 12 of Section 3, Township 21 South, Range 37 East, Lea County, New Mexico, to be dedicated to Shell Oil Company's Taylor-Glenn Well No. 1, located 3226 feet from the North line and 1980 feet from the West line of said Section 3. Applicant further seeks an order force-pooling the interests of those in said non-standard gas proration unit who have gas rights within the vertical limits of the Blinebry Gas Pool, including M. F. Taylor, P. O. Box 574, Amarillo, Texas, and R. B. Glenn, P. O. Box 461, Amarillo, Texas.

CASE 1876:

Application of Continental Oil Company for permission to commingle the production from two separate pools. Applicant, in the above-styled cause, seeks an order authorizing it to commingle the production from the Weir (Drinkard) Oil Pool and Weir-Tubb Gas Pool from all wells on its Britt B-15 lease consisting of the W/2 and the W/2 E/2 of Section 15, Township 20 South, Range 37 East, Lea County, New Mexico.

CASE 1877:

Application of Continental Oil Company for permission to install an automatic custody transfer system and for permission to produce more than 16 wells in a common tank battery. Applicant, in the above-styled cause, seeks an order authorizing it to install an automatic custody transfer system to handle the production from all Skaggs Pool oil wells on its Southeast Monument Unit comprising lands located in Township 20 South, Ranges 37 and 38 East, Lea County, New Mexico.

CASE 1878:

Application of Continental Oil Company for permission to commingle the production from two separate pools. Applicant, in the above-styled cause, seeks an order authorizing it to commingle the production from the Weir (Drinkard) Oil Pool and the Weir-Tubb Gas Pool from all wells on that portion of the Southeast Monument Unit consisting of the W/2 W/2 of Section 14 and the E/2 E/2 of Section 15, Township 20 South, Range 37 East, Lea County, New Mexico.

CASE 1879:

Application of Amerada Petroleum Corporation for a gas-oil dual completion and for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its State EM "A" Well No. 2, located 660 feet from the South and West lines of Section 22, Township 19 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of gas from the Eumont Gas Pool and the production of oil from the Eumont Gas Pool through the casing-tubing annulus and the tubing respectively. Applicant further seeks the establishment of a 160-acre non-standard gas proration unit in the Eumont Gas Pool consisting of the SW/4 of said Section 22 to be dedicated to the said State EM "A" Well No. 2.

CASE 1880:

Application of Texaco Inc. for permission to commingle the production from two separate pools. Applicant, in the above-styled cause, seeks permission to commingle the production from the Blinebry Oil Pool and the Drinkard Pool from all wells on its V. M. Henderson lease consisting of the N/2 of Section 30, Township 21 South, Range 37 East, Lea County, New Mexico.

CASE 1881:

Application of Texaco Inc. for approval of an automatic custody transfer system. Applicant, in the above-styled cause, seeks an order authorizing the installation of automatic custody transfer facilities to handle the Crossroads-Devonian Pool production from the U. D. Sawyer lease comprising the E/2 of Section 34, Township 9 South, Range 36 East, Lea County, New Mexico.

CASE 1882:

Application of Texaco Inc. for permission to commingle the production from two separate pools. Applicant, in the above-styled cause, seeks permission to commingle the production from the Tubb Pool and the Blinebry Oil Pool from all wells located on its Mittie Weatherly lease comprising the NW/4 of Section 17, Township 21 South, Range 37 East, Lea County, New Mexico.

CASE 1883:

Application of Texaco Inc. for permission to commingle the production from two separate pools. Applicant, in the above-styled cause, seeks permission to commingle the production from the Culwin (Queen) Pool and the Culwin-Yates Pool from all wells located on its Federal Lease comprising the NE/4, E/2 NW/4, N/2 SE/4 and the NE/4 SW/4 of Section 6, Township 19 South, Range 31 East, Eddy County, New Mexico.

CASE 1842:

(Continued)

Application of Skelly Oil Company for permission to commingle the production from two separate pools. Applicant, in the above-styled cause, seeks permission to commingle the production from the Langlie-Mattix Pool and the Drinkard Pool from all wells on its Baker "A" lease comprising the NW/4 of Section 26, Township 22 South, Range 37 East, Lea County, New Mexico.

CASE 1884:

Application of Skelly Oil Company for permission to commingle the production from two separate pools. Applicant, in the above-styled cause, seeks permission to commingle the production from the Langlie-Mattix Pool and the Drinkard Pool from all wells on that portion of the J. V. Baker lease comprising the SE/4 SW/4 of Section 22, Township 22 South, Range 37 East, Lea County, New Mexico.

CASE 1885:

Application of Skelly Oil Company for permission to commingle the production from two separate pools. Applicant, in the above-styled cause, seeks permission to commingle the production from the Drinkard Pool and the Tubbs Gas Pool from all wells on its State "K" lease comprising the N/2 NW/4 of Section 32, Township 21 South, Range 37 East, Lea County, New Mexico.

CASE 1886:

Application of E. P. Campbell for an exception to Rule 107 (e) of the Commission Rules and Regulations. Applicant, in the above-styled cause, seeks an exception to Rule 107 (e) in order to recomplete his No. 1 Cleveland Well, located in NW/4 NE/4 of Section 33, Township 18 South, Range 26 East, Eddy County, New Mexico, as a "slim-hole" completion in the Pennsylvanian formation at a depth greater than 5000 feet.

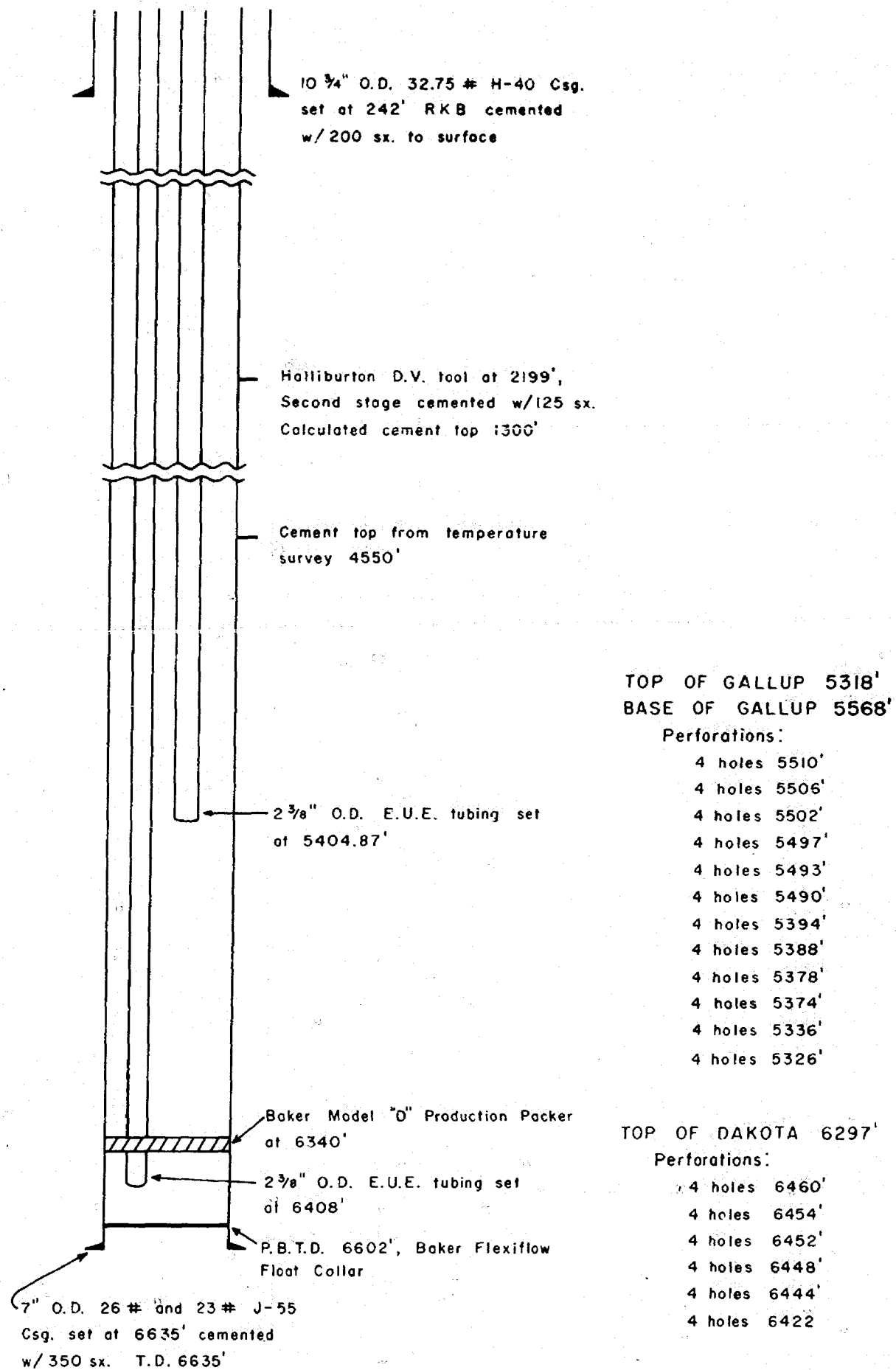
CASE 1887:

Application of Monsanto Chemical Company for an exception to the "no-flare" provision of Order R-1427. Applicant, in the above-styled cause, seeks an exception to February 15, 1960, to the "no-flare" provision of Order R-1427 for five wells in the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.

CASE 1888:

Application of C. W. Trainer for off-lease storage of oil production. Applicant, in the above-styled cause, seeks permission to store the Pearl-Queen Oil Pool production from his Rushing lease, consisting of the W/2 NE/4 of Section 22, Township 19 South, Range 35 East, Lea County, New Mexico, in a tank battery located on his Signal State lease, consisting of the E/2 NW/4 of said Section 22.

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DIAGRAMATIC SKETCH OF DUAL GAS
COMPLETION FOR WELL #1-19

VAL R. REESE AND ASSOCIATES INC.
LOBBY OF SIMMS BLDG.
ALBUQUERQUE, NEW MEXICO

APPLICATION FOR DUAL GAS COMPLETION
OF WELL # 1-19 IN GALLUP AND DAKOTA
FORMATIONS

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name Escrito-Gallup Dakota-Wildcat		County Rio Arriba	Date 10-28-59
Operator Val R. Reese & Assoc., Inc.		Lease Lybrook	Well No. 1-19
Location of Well C	Unit C	Section 19	Township 24N
		Range 6W	

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	Gallup	Dakota
b. Top and Bottom of Pay Section (Perforations)	5326-5510	6422-6460
c. Type of production (Oil or Gas)	Gas	Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing	Flowing

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

Yes 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.

No 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.

Standard Oil Company of Texas, P. O. Box 1581, Farmington, New Mexico

Redfern & Herd, P. O. Box 1747, Midland, Texas

Killarney Oil Company, 5513 College Ave., Oakland, California

E. B. Germany, P. O. Box 12268, Dallas 25, Texas

Meyer M. Donosky, 504 Texas Bank Bldg., Dallas, Texas

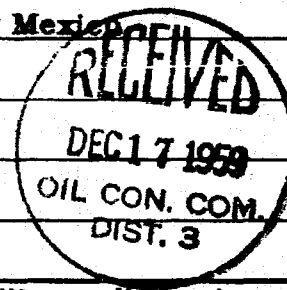
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES **X** NO _____. If answer is yes, give date of such notification **12-15-59**.

CERTIFICATE: I, the undersigned, state that I am the **representative** of the **Val R. Reese & Assoc., Inc.** (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.

Jim L. Jacobs
Signature

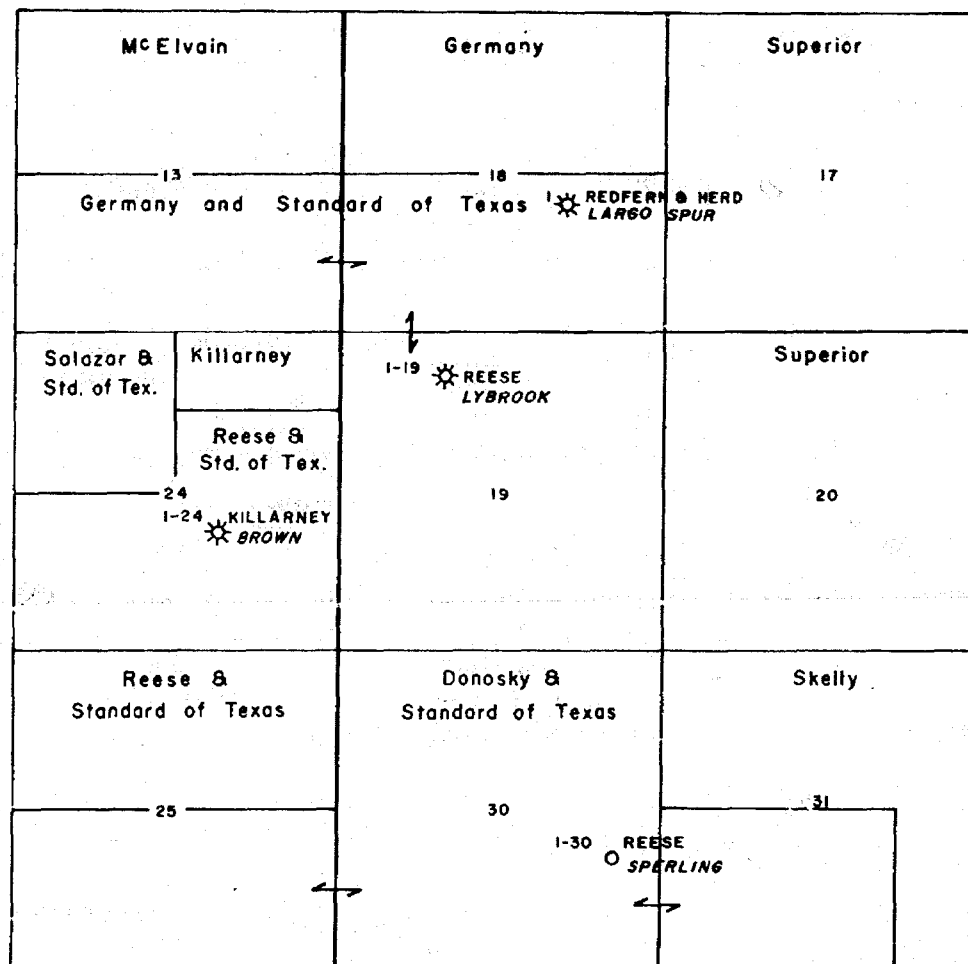
* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest 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 proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



R 7 W

R 6 W



T
24
N

LOCATION AND OWNERSHIP PLAT FOR
WELL 1-19 IN SECTION 19 OF
T 24 N AND R 6 W

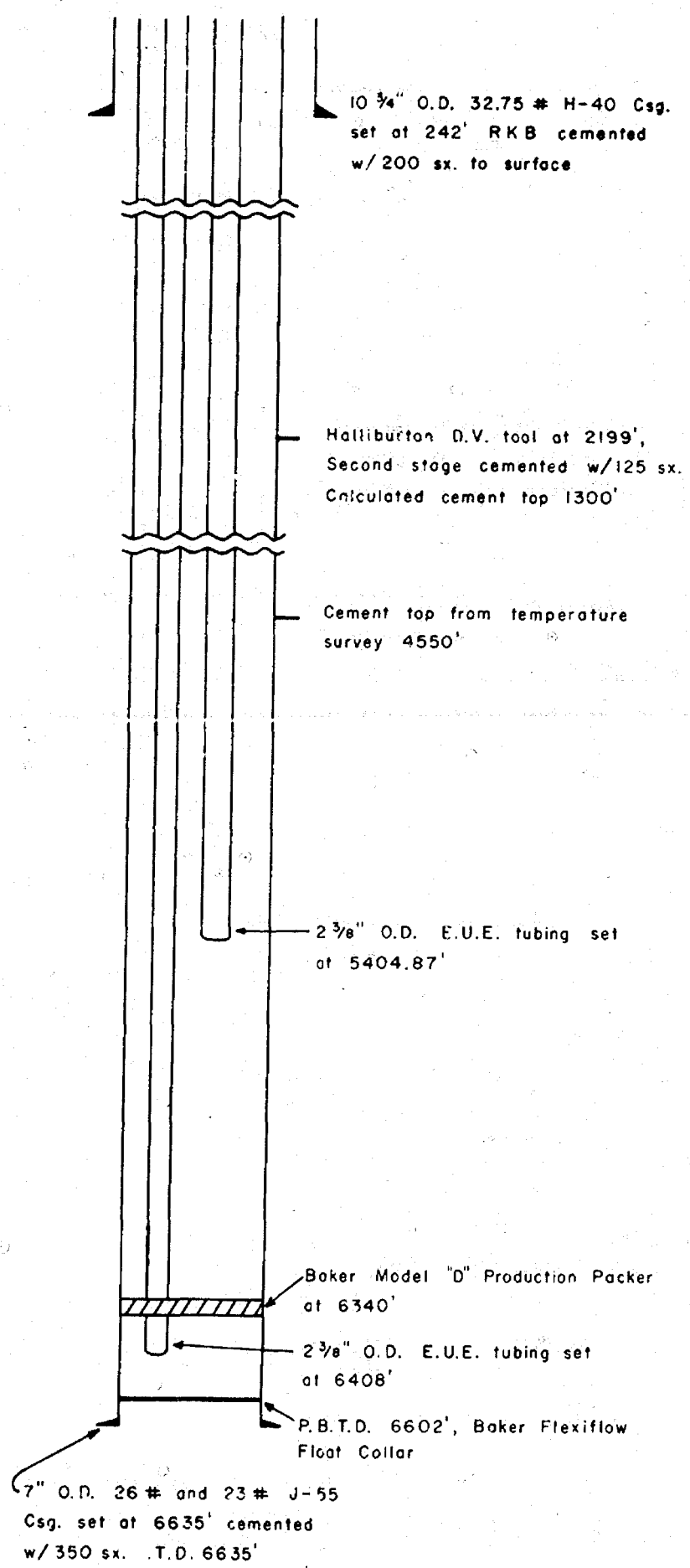
VAL R. REESE AND ASSOCIATES INC.
LOBBY OF SIMMS BLDG.
ALBUQUERQUE, NEW MEXICO

APPLICATION FOR DUAL GAS COMPLETION
OF WELL # 1-19 IN GALLUP AND DAKOTA
FORMATIONS

RIO ARriba COUNTY
NEW MEXICO

Drawn: W.M. McGahey
Approved: J. Jacobs

Scale: 1" = 3000'
Date: 12-1-59



TOP OF GALLUP
BASE OF GALLUP

Perforations:

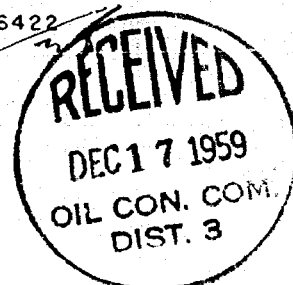
- 4 holes 5510'
- 4 holes 5506'
- 4 holes 5502'
- 4 holes 5497'
- 4 holes 5493'
- 4 holes 5490'
- 4 holes 5394'
- 4 holes 5388'
- 4 holes 5378'
- 4 holes 5374'
- 4 holes 5336'
- 4 holes 5326'

TOP OF DAKOTA 6297'

Perforations:

- 4 holes 6460'
- 4 holes 6454'
- 4 holes 6452'
- 4 holes 6448'
- 4 holes 6444'
- 4 holes 6422'

DIAGRAMATIC SKETCH OF DUAL GAS
COMPLETION FOR WELL # 1-19



VAL R. REESE AND ASSOCIATES INC.
LOBBY OF SIMMS BLDG.
ALBUQUERQUE, NEW MEXICO

APPLICATION FOR DUAL GAS COMPLETION
OF WELL # 1-19 IN GALLUP AND DAKOTA
FORMATIONS

Log for hearing
Jan 27

Case 1874

OIL CONSERVATION COMMISSION
1000 Rio Brazos Rd.
Aztec, New Mexico

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE 12-29-59

RE: Proposed NSP _____

Proposed NSL _____

Proposed NFO _____

Proposed DC ✓

Gentlemen:

I have examined the application dated 10-28-59
for the Val R Reese & Assoc Lybrook 1-19 6-19-24-6
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approved

Yours very truly,
Ernest C. Smith
OIL CONSERVATION COMMISSION

*Rechecked
approved
1-18-60
JH*

3 OGC Artec
1 Standard
1 ~~Geometry~~ Danosky
1 File

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

6-1-56

PACKER-SETTING AFFIDAVIT
(Dual Completions)

STATE OF New Mexico)
County of Bernalillo) ss

Jim L. Jacobs, being first duly sworn according to law, upon his oath deposes and says:

That he is of lawful age and has full knowledge of the facts herein below set out.

That he is employed by Val R. Reese & Assoc., Inc. in the capacity of Geologist and as such is its authorized agent.

That on November 28, 19 59, he personally supervised the setting of a Baker Model "D" in Val R. Reese & Assoc., Inc.'s
(Make & Type of Packer) (Operator)

Sperling 1-30 Well No. 1-30, located in Unit
(Lease)

Letter I, Section 30, Township 34N, Range 6W, NMPH,
Rio Arriba County, New Mexico.

That said packer was set at a subsurface depth of 6370 feet,
said depth measurement having been furnished by Wire Line.

That the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, within the wellbore, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. That this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

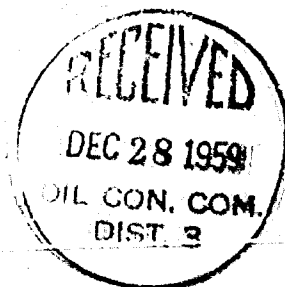
Val R. Reese & Associates, Inc.
(Company)

Jim L. Jacobs
(its Agent)

Subscribed and sworn to before me this the 24th day of December, AD, 19 59.

Helen R. Kenney
Notary Public in and for the County
of Bernalillo

My Commission Expires February 3, 1962



**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. 1874
Order No. R-1593

**APPLICATION OF VAL R. REESE &
ASSOCIATES, INC. FOR A GAS-GAS
DUAL COMPLETION IN AN UNDESIG-
NATED GALLUP POOL AND AN UN-
DESIGNATED DAKOTA POOL, IN RIO
ARriba COUNTY, NEW MEXICO**

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on January 27, 1960, 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 28th day of February, 1960, 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, Val R. Reese & Associates, Inc., is the owner and operator of the Lybrook Well No. 1-19, located in Unit C, Section 19, Township 24 North, Range 6 West, NMPN, Rio Arriba County, New Mexico.
- (3) That the applicant proposes to dually complete the above-described Lybrook Well No. 1-19 in such a manner as to permit the production of gas from an undesignated Gallup pool and the production of gas from an undesignated Dakota pool through parallel strings of 2-3/8 inch OD tubing.
- (4) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.
- (5) That approval of the subject application will neither cause waste nor impair correlative rights.

-2-
Case No. 1874
Order No. R-1593

IT IS THEREFORE ORDERED:

That the applicant be and the same is hereby authorized to dually complete the Lybrook Well No. 1-19, located in Unit C, Section 19, Township 24 North, Range 6 West, SERN, Rio Arriba County, New Mexico, in such a manner as to permit the production of gas from an undesignated Gallup pool and the production of gas from an undesignated Dakota pool through parallel strings of 2-3/8 inch OD tubing.

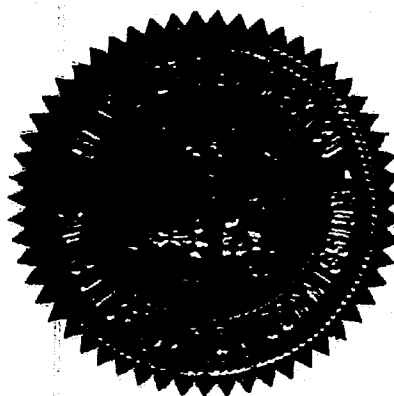
PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Section V, Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Deliverability Test Period for the Dakota Producing Interval.

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

John Burroughs
JOHN BURROUGHS, Chairman

Murray E. Morgan
MURRAY E. MORGAN, Member

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

vam/