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W-11, No. 6 - Los County.

Case No.

1687

Application, Transcript,
Small Exhibits, Etc.

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

June 10, 1959

Mr. Jason Kellahin
Box 1713
Santa Fe, New Mexico

Dear Mr. Kellahin:

On behalf of your clients, Continental Oil Company
and Andersen-Prichard Oil Corporation, we enclose
two copies of Order No. R-1422, entered in Case No.
1687 and Order R-1423, entered in Case No. 1688.
These orders were issued by the Oil Conservation
Commission on June 9, 1959.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ir/

Enclosures

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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. 1687
Order No. R-1422

APPLICATION OF CONTINENTAL OIL
COMPANY FOR AN ORDER AUTHORIZING
A GAS-OIL DUAL COMPLETION IN AN
UNDESIGNATED TUBB POOL AND IN AN
UNDESIGNATED DRINKARD 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 June 3, 1959, 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 9th day of June, 1959, 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, Continental Oil Company, is the owner and operator of the Britt B-15 Well No. 9, located in the NW/4 SE/4 of Section 15, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico.
- (3) That the applicant proposes to dually complete the said Britt B-15 Well No. 9 in such a manner as to permit the production of gas from an undesignated Tubb gas pool and the production of oil from an undesignated Drinkard pool through parallel strings of 2-inch 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.

IT IS THEREFORE ORDERED:

-2-

Case No. 1687
Order No. R-1422

That the applicant, Continental Oil Company, be and the same is hereby authorized to dually complete its Britt B-15 Well No. 9, located in the NW/4 SE/4 of Section 15, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of gas from an undesignated Tubb gas pool and the production of oil from an undesignated Drinkard pool through parallel strings of 2-inch 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 Gas-Oil Ratio Test Period for the Drinkard Zone of said dual completion.

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.

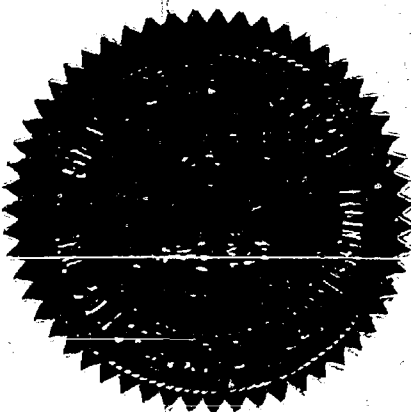
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member


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



vem/

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date 6-3-59

CASE NO. 1687

HEARING DATE 9 a.m. 6-3-59

DSN @ SF

My recommendations for an order in the above numbered case(s) are as follows:

Enter an Order authorizing the dual completion of applicant's Britt B-15 Well No. 9 located in the NW/4 SE/4, Section 15, Township 20 South, Range 37 East. The well is to be completed as a gas well in the Tubb formation and an oil well in the Drinkard formation. Undesignated both zones.


Staff Member



Case 1687

CONTINENTAL OIL COMPANY

825 PETROLEUM BUILDING
ROSWELL, NEW MEXICO

R. L. ADAMS
DIVISION SUPERINTENDENT
OF PRODUCTION
NEW MEXICO DIVISION

May 11, 1959

✓ New Mexico Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr., Secretary-Director

*Subb formation
Dr. form. adjacent
to Weir Pool.*

Re: Continental Oil Company's
Application for Hearing for
the Gas-Oil Dual Completion
of the Britt B-15 No. 9 in
Undesignated Pools, Section 15,
T-20S, R-37E, Lea County,
New Mexico

Gentlemen:

Please find attached three copies of Continental Oil Company's Application for Hearing for the dual completion in undesignated pools of the Britt B-15 No. 9, Section 15, T-20S, R-37E.

Please set this application for hearing at your earliest convenient date.

Yours very truly,

R. L. Adams

RLA-BR
Enc

*Recket
Mailed
5-20-59
JL*

PIONEERING IN PETROLEUM PROGRESS SINCE 1875

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name	Undesignated Tubb & Drinkard Pools		County	Lea	Date	MAY 11 1959
Operator	Continental Oil Company		Lease	Britt B-15	Well No.	9
Location of Well	Unit	Section	Township	Range		
	J	15	20-S	37-E		

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	Tubb	Drinkard
b. Top and Bottom of Pay Section (Perforations)	6474-6556	6810-6928
c. Type of production (Oil or Gas)	Gas	Oil
d. Method of Production (Flowing or Artificial Lift)	Flowing	Flowing

Handwritten notes: CAOF met 14600 mcf 1175 bbls

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.
- 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.*
- Yes 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.

Amerada Petroleum Company - Box 2040, Tulsa, Oklahoma

Ohio Oil Company - Box 552, Midland, Texas

Pan-American Petroleum Corporation - Box 68, Hobbs, New Mexico

Skelly Oil Company - Box 38, Hobbs, New Mexico

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 _____.

CERTIFICATE: I, the undersigned, state that I am the Division Superintendent of the Continental Oil Company (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.

Signature
R. L. Adams
 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.

CONTINENTAL OIL COMPANY
Britt B-15 No. 9

DUAL COMPLETION EQUIPMENT

CASING RECORD

13 3/8" @ 319' w/300 ex (circ.)

2" EUE Tubing

9 5/8" @ 3999' (cement to 1275')

Tubb Marker @ 6300' -

Perforated Nipple @ 6487'

Bull Plug @ 6492'

Drinkard Oil

Tubb Gas

2" Non-Upset with
Turned Down Collars

6474'

Tubb Perforations

6556'

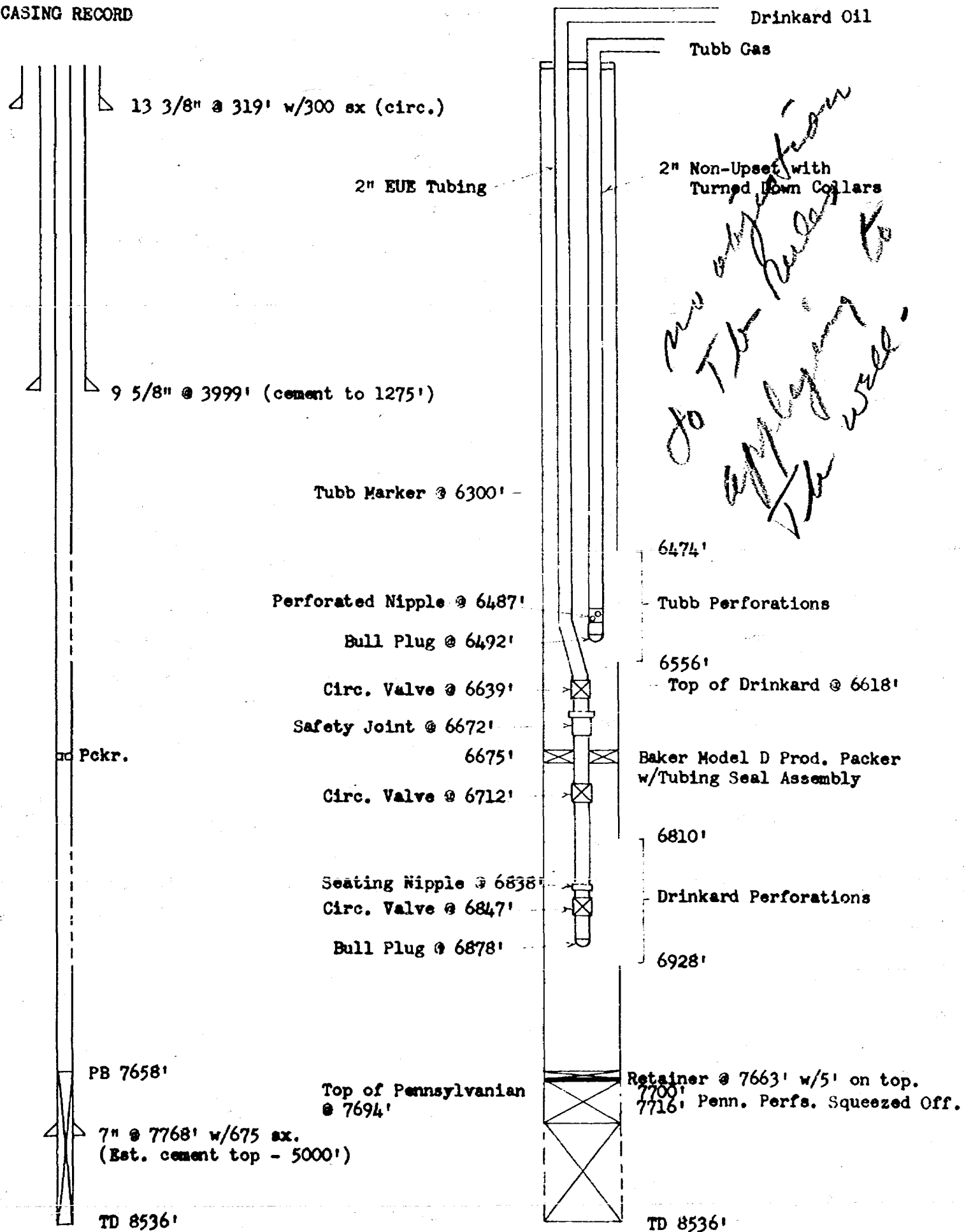
*run 2" tubing from
Tub to bottom of
go 1/2" tubing to
well.*

CONTINENTAL OIL COMPANY

Britt B-15 No. 9

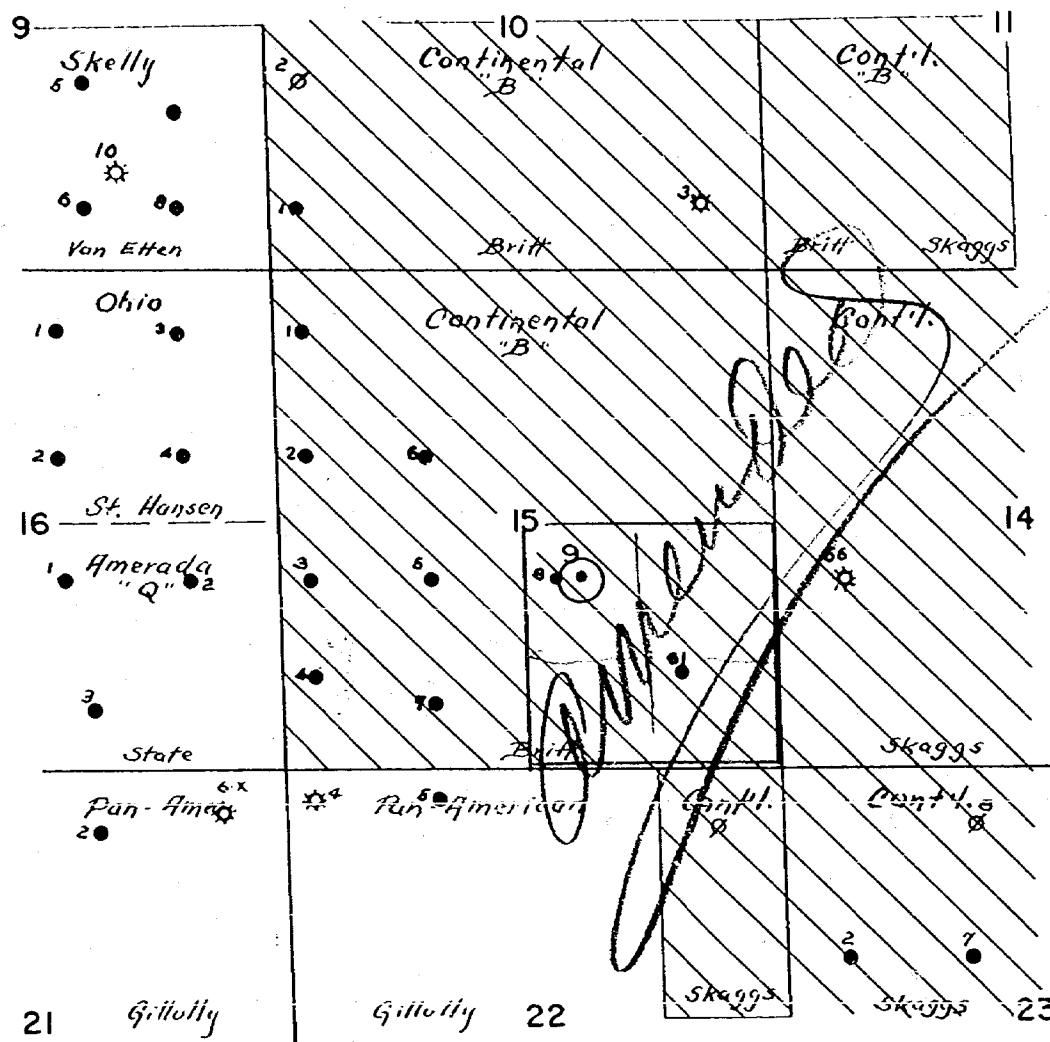
DUAL COMPLETION EQUIPMENT

CASING RECORD



R-37-E

T
20
S



OWNERSHIP PLAT

CONTINENTAL OIL COMPANY
Britt B-15 No.9

Lea Co., New Mexico.

Scale: 1" = 2000'



Dual Completion



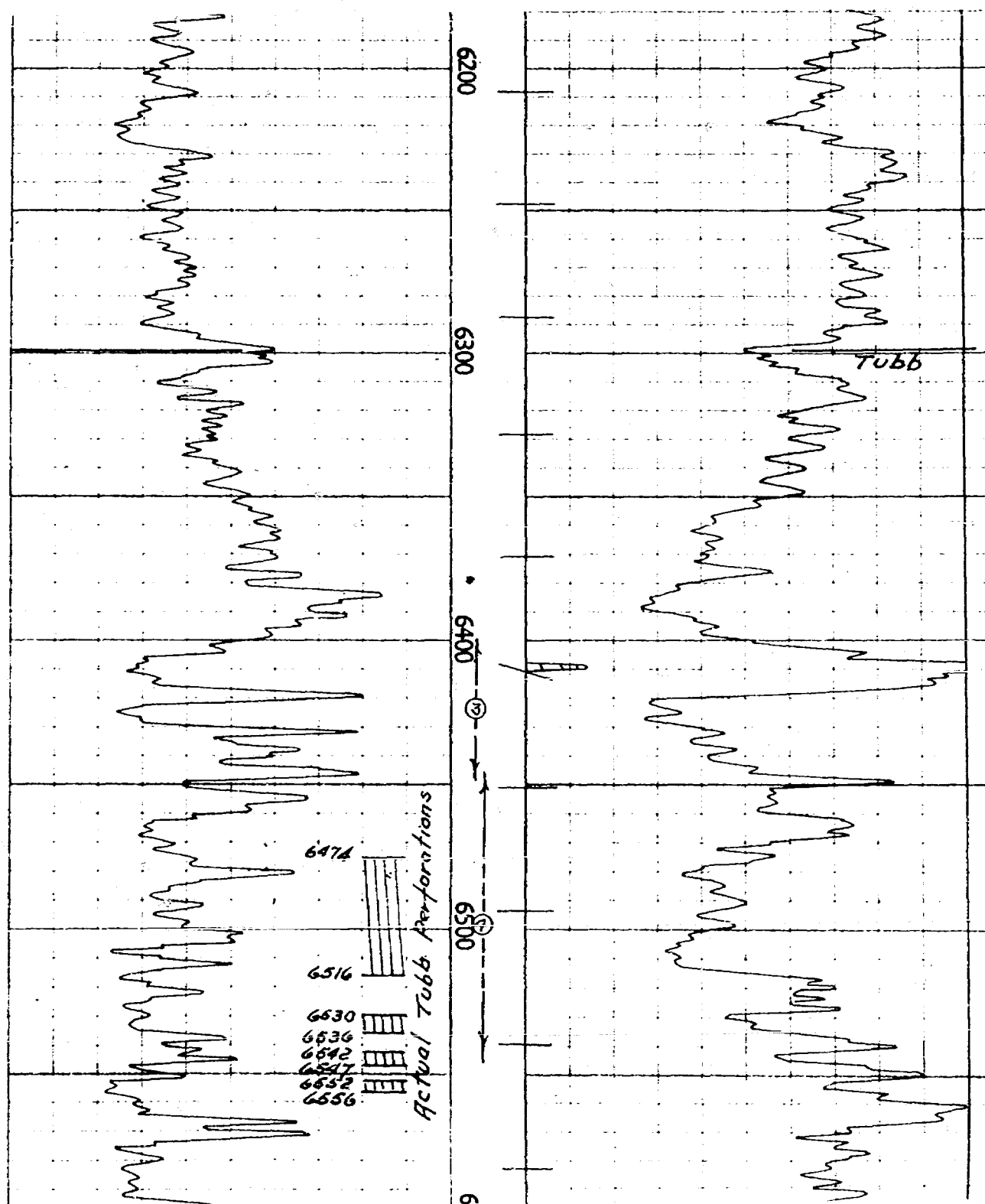
Proposed Tubb Gas Unit

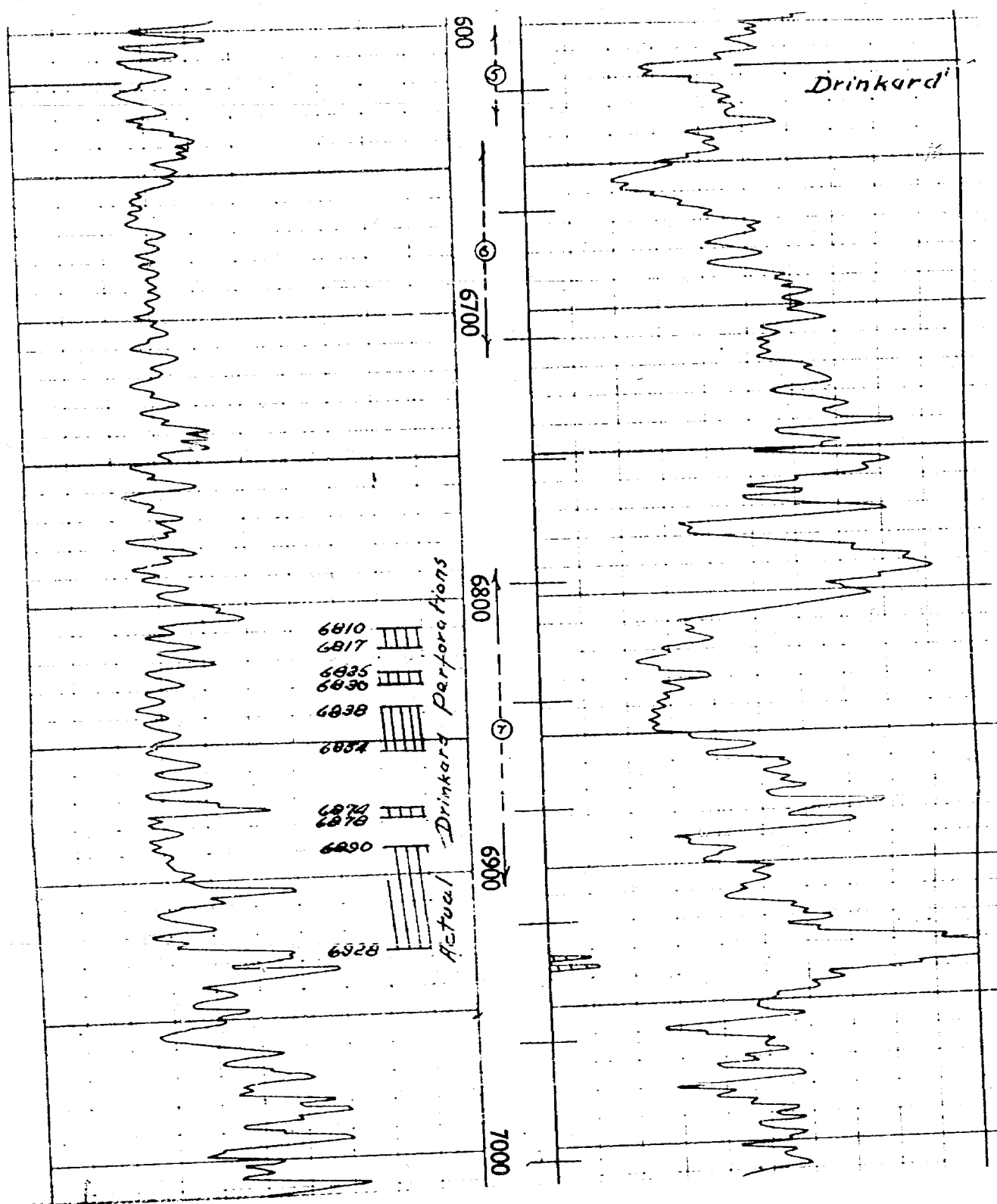
Continental Leases Cross-hatched.

CONTINENTAL OIL COMPANY

Britt B-15 No. 9

Elev: 3563'





DRILL STEM TESTS

- #3, 6400-6447': Gas in 3 min, est 517 MCF. Rec. 540' hvy G&DistCM, with some free Dist. FP: 370-190# SIP: 2390#.
- #4, 6445-6544': Gas in 2½ min, fluid in 15 min. Flowed 13 BO in 1 hour, no water, with 2158 MCF gas thru 5/8" choke. FP: 1325-1365# SIP: 2695#
- #5, 6600-6634': Gas in 45 min, steady blow thruout. Rec. 93' GCM. FP: 0# SIP: 1655#
- #6, 6640-6716': Gas in 1 hour 55 min, TSTM. Rec. 60' GCM, no oil or water. FP: 0# SIP: 1455#
- #7, 6790-6907': Gas in 19 min, tested 30.3 MCF. Rec. 1085' free oil and 50' GCM. FP: 150-470# SIP: 2650#.

1689
R. L. ADAMS
DIVISION SUPERINTENDENT
OF PRODUCTION
NEW MEXICO DIVISION

CONOCO
825 PETROLEUM BUILDING
ROSWELL, NEW MEXICO

May 28, 1959

New Mexico Oil Conservation Commission
Post Office Box 871
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr., Secretary Director

Re: Continental Oil Company's
Application for Hearing
for the Gas Oil Dual Comple-
tion of the Britt B-15 No. 9
in Undesignated Pools, Section
15-20S-37E, Lea County,
New Mexico

Gentlemen:

Please find attached three copies of a corrected lease plat showing the proposed gas proration unit for the Britt B-15 No. 9. These plats are to replace the ones forwarded to you under our letter of May 11, 1959, regarding Continental Oil Company's application for hearing for the dual completion in undesignated pools of the Britt B-15 No. 9. Since this application has nothing to do with the gas proration unit, it is believed that this change in the proration unit will not affect the original application for dual completion. A corrected copy has been forwarded to each of the offset operators listed in the application for dual completion.

PIONEERING IN PETROLEUM PROGRESS SINCE 1875

New Mexico Oil Conservation Commission
Page 2

Should this change in the proposed gas proration unit change the application for dual completion sufficiently to warrant additional notification time, it is requested that the case be continued until the next hearing.

Yours very truly,

R. L. Adams

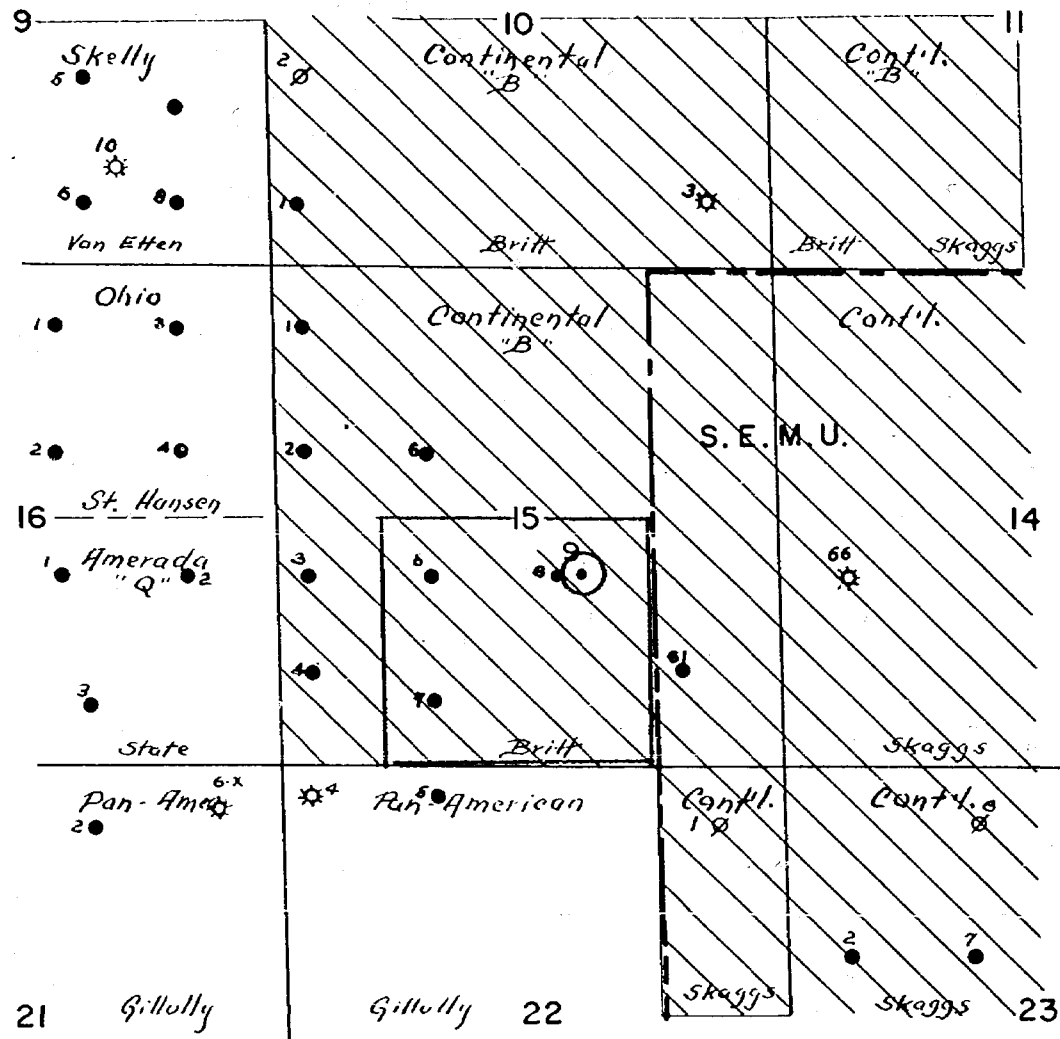
RLA-BR

Enc

cc: Amerada Petroleum Co., Box 2040, Tulsa, Oklahoma
Ohio Oil Company, Box 552, Midland, Texas
Pan American Petroleum Corporation, Box 68, Hobbs, New Mexico
Skelly Oil Company, Box 38, Hobbs, New Mexico

R-37-E

T
20
S



OWNERSHIP PLAT

CONTINENTAL OIL COMPANY
Britt B-15 No.9

Lea Co., New Mexico.

Scale: 1" = 2000'



Dual Completion



Proposed Tubb Gas Unit

Continental Leases Cross-hatched.

DOCKET: EXAMINER HEARING JUNE 3, 1959

OIL CONSERVATION COMMISSION, 9 a.m., MABRY HALL, STATE CAPITOL, SANTA FE

The following cases will be heard before Daniel S. Nutter, Examiner,
or A. L. Porter, Jr., Secretary-Director.

- CASE 1661: (Readvertisement) (Continued Case)
Application of Pan American Petroleum Corporation for a gas-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing it to dually complete its W. H. Turner No. 1 located in the SE/4 SE/4 of Section 29, Township 21 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of gas from the Eumont producing interval adjacent to the Eumont Pool and the production of oil from the Drinkard Pool. Applicant proposes to utilize a retrievable-type packer in said well.
- CASE 1682: 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 oil production from the Blinbry Oil Pool and the Tubb Gas Pool, from wells located in the E/2 NE/4 and the NE/4 SE/4 of Section 17, Township 21 South, Range 37 East, Lea County, New Mexico.
- CASE 1687: Application of Continental Oil Company for a gas-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Britt B-15 Well No. 9, located in the NW/4 SE/4 of Section 15, Township 20 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of gas from the Tubb formation and the production of oil from the Drinkard formation through parallel strings of tubing.
- CASE 1683: Application of Gulf Oil Corporation 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 477-acre non-standard gas proration unit in the Eumont Gas Pool consisting of the N/2 and the SE/4 of Section 19, Township 19 South, Range 37 East, Lea County, New Mexico, to be dedicated to applicant's B. V. Culp "A" Well No. 3, located 1980 feet from the North and West lines of said Section 19. 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 Eumont Gas Pool.
- CASE 1684: Application of Honolulu Oil Corporation for an unorthodox gas well location. Applicant, in the above-styled cause, seeks an order authorizing an unorthodox gas well location in an undesignated Yates gas pool for its State Well No. 1-B, located 1830 feet from the South line and 2130 feet from the East line of Section 13, Township 11 South, Range 27 East, Chaves County, New Mexico.
- CASE 1685: Application of El Paso Natural Gas Company for permission to conduct maximum pressure build-up tests and for non-cancellation and/or transfer of allowables for test wells. Applicant, in the above-styled cause, seeks an order authorizing it to conduct maximum pressure build-up tests on nineteen (19) gas wells in the Blanco Mesaverde, Aztec-Pictured Cliffs, Ballard-Pictured Cliffs, Fulcher Kutz-Pictured Cliffs and South Blanco-Pictured Cliffs Pools in San Juan and Rio

Arriba Counties, New Mexico. Applicant further requests the non-cancellation of allowables accruing to test wells during the test period and for authorization to transfer said allowables to other wells on the same basic lease, and for such other relief as is necessary to properly conduct said tests including establishment of an administrative procedure for approval of substitute tests.

CASE 1686:

Application of Skelly Oil Company for the establishment of a new gas pool for Atoka production, and for the adoption of Special Rules and Regulations in connection therewith. Applicant, in the above-styled cause, seeks the establishment of a new pool for Atoka production comprising the E/2 of Section 11 and the W/2 of Section 12, Township 16 South, Range 33 East, Lea County, New Mexico, and the Establishment of Special Rules and Regulations therefor including 640-acre spacing for said pool.

CASE 1688:

Application of Anderson-Prichard Oil Corporation for a dual completion. Applicant, in the above-styled cause, seeks an order authorizing it to dually complete its State "A-28" Well No. 1, located in the SE/4 NE/4 Section 28, Township 26 South, Range 37 East, Lea County, New Mexico, in such a manner as to produce gas from the Yates formation in the Rhodes Storage Area, Jalmat Gas Pool, through the casing-tubing annulus, and to produce oil from the Seven Rivers formation through tubing.

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

IN THE MATTER OF:

CASE 1687

TRANSCRIPT OF HEARING

JUNE 3, 1959

DEARNLEY - MEIER & ASSOCIATES
GENERAL LAW REPORTERS
ALBUQUERQUE NEW MEXICO
Phone CHapel 3-6691

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
JUNE 3, 1959

IN THE MATTER OF:

CASE 1687 Application of Continental Oil Company for a :
gas-oil dual completion. Applicant, in the :
above-styled cause, seeks an order authorizing :
the dual completion of its Britt B-15 Well No.:
9, located in the NW/4 SE/4 of Section 15, :
Township 20 South, Range 37 East, Lea County, :
New Mexico, in such a manner as to permit the :
production of gas from the Tubb formation and :
the production of oil from the Drinkard forma- :
tion through parallel strings of tubing. :

BEFORE:

Daniel S. Nutter, Examiner.

T R A N S C R I P T O F P R O C E E D I N G S

MR. NUTTER: Take next Case 1687.

MR. PAYNE: Case 1687. Application of Continental Oil
Company for a gas-oil dual completion.

MR. KELLAHIN: Jason Kellahin, Kellahin & Fox, Santa Fe,
New Mexico, representing the applicant. We have one witness, Mr.
McWilliams.

(Witness sworn)

RONALD McWILLIAMS,
called as a witness, having been first duly sworn, testified as
follows:

DIRECT EXAMINATION

BY MR. KELLAMIN:

Q Will you state your name, please?

A Ronald McWilliams.

Q By whom are you employed and in what position, Mr. McWilliams?

A I am employed by Continental Oil Company as their district engineer in Hobbs.

Q Mr. McWilliams, have you ever testified before the Oil Conservation Commission of New Mexico?

A No, I have not.

Q Would you state for the benefit of the Examiner your education and experience and qualifications as a petroleum engineer?

A Yes, sir. I have a Master's degree in petroleum and natural gas engineering from the Pennsylvania State University, and I have been employed for approximately seven years by various oil companies.

Q Now, when did you secure your Master's degree?

A In December, 1958.

Q How long have you occupied your present position, Mr. McWilliams?

A Approximately five months.

Q And where are you located at the present time?

A At Hobbs.

Q Have you made any study of the area involved in this appli-

cation?

A Yes, sir.

Q And have you become familiar with the Britt B-15 Well No. 9?

A Yes, I have.

MR. KELLAHIN: Are the witness' qualifications acceptable?

MR. NUTTER: Yes, sir, they are. Please proceed.

Q Mr. McWilliams, are you familiar with the facts in this case?

A Yes, sir.

Q Will you state briefly what is proposed in this application?

A Yes, sir. Our Britt B-15 No. 9 Well was originally completed in the Pennsylvania pay of the Case pool as an oil well in March, 1957. And the well went to a hundred percent water. We drilled unsuccessfully to work it over, and we feel that the reserves in the Pennsylvania pay are depleted. We had some drill stem tests in the Drinkard and Tubb formations that indicated that these might possibly be productive, so we decided to test these formations.

Q Now, how close is the nearest production in the Tubb and Drinkard formations to the subject well?

A The nearest Drinkard production is located in the Weier Pool, approximately a mile and a half southeast, and the nearest Tubb production is in the Warren Tubb Pool approximately five miles

southeast of the subject well.

Q Would it be possible to determine whether these sources are productive in the Britt B-15 No. 9 without any actual tests?

A No, sir.

Q Have tests been made of the Tubb and Blinebry zones in the well?

A Yes, sir. We have tested the Tubb zone. It flowed. The Drinkard zone --

Q I said Blinebry, I mean Drinkard. Pardon me.

A A test on the Drinkard zone flowed at the rate of 192 barrels per day with a gas-oil ratio of 792. And the Tubb zone, we got a calculated open flow potential of 14,600 MCF gas per day with 117 barrels of 53 gravity distillate.

Q Well then, the Drinkard zone is oil productive, and the Tubb zone is gas productive?

A Yes, sir. Under the Commission's rules for the Tubb and the Warren Tubb Pools, an oil well in the Tubb zone is defined as a well producing hydrocarbons with a gravity of less than 45 degrees API. Since our gravity is 53, we feel that we have a gas well.

Q Assuming that the Commission approves this application, would you have any objection to the rules for the Tubb Gas Pool being applied to the well?

A No, sir. We have no objection.

Q Now, referring to what has been marked as Exhibit No. 1, would you state what is shown on that Exhibit?

A Exhibit No. 1 is a plat of the dual completion equipment in the well.

Q Would you briefly describe that completion?

A Well, sir, we have used a standard completion technique which is approved for administrative approval; consists of separating the two zones with a permanent type packer and equipping the well with two strings of two inch tubing.

Q Is that a type of completion which has heretofore been approved by this Commission?

A Yes, sir.

Q In your opinion, will it achieve complete separation of the two producing horizons?

A Yes, sir, it will.

Q Will it be possible for you to make the necessary tests required by the Commission in regard to packer leakage?

A Yes, sir.

Q Will it enable you to do any necessary treating or working of the two zones involved?

A Yes.

Q Now, referring to what has been marked as Exhibit No. 2, would you state what that is?

A Exhibit No. 2 is a location plat of the area -- general area in the area of Britt B-15 No. 9, showing the subject well circled in red, and showing all offset operators.

Q Now, Mr. McWilliams, when the application was filed, a

7
plat was attached to the application showing a proposed unit in the SE/4 of the section. The present plat does not coincide with that, does it?

A No, it doesn't. The original plat was in error, and at this time we would like to distribute this new plat showing the amended proposed completion.

Q You understand it will be necessary to have a hearing to approve the unit as proposed on Exhibit No. 2, do you not?

A Yes, sir. We plan to apply for a separate hearing for this well.

Q Now, do you have a copy of the log of this well?

A Yes, I do.

MR. KELLAHIN: Would you have that marked as Exhibit No. 3, please?

Now, referring to Exhibit No. 3, what points have you marked on that Exhibit?

A We've shown the top of the Tubb and Drinkard formations, the perforations of the two zones.

Q Now, in your opinion, will the granting of this application result in the protection of correlative rights and prevention of waste?

A Yes, it will.

Q Were Exhibits 1, 2 and 3 prepared by you or under your direction and supervision?

A Yes, sir.

MR. KELLAHIN: At this time we would like to offer Exhibits 1, 2 and 3.

MR. NUTTER: Without objection, Continental's Exhibits 1, 2 and 3 will be admitted.

MR. KELLAHIN: That's all the questions I have.

MR. NUTTER: Anyone have any questions of Mr. McWilliams?

CROSS EXAMINATION

BY MR. NUTTER:

Q Mr. McWilliams, what is the calculated gas-oil ratio or gas distillate ratio on the Tubb completion?

A I haven't run it out exactly, but it is in the neighborhood of 120,000 to 1. Based on these figures, --

Q And you stated the GOR in the Drinkard was 1795?

A That's right.

Q What do you have dedicated to the Drinkard completion? The 40 acres where the well is located, I presume.

A That's right.

Q And you are going to request a hearing to dedicate the 120 acres that you have outlined on Exhibit No. 2 to the Tubb completion?

A Yes, sir.

Q Mr. McWilliams, are you familiar with what the vertical limits of the Tubb Gas Pool as defined by Order No. 586 are?

A No, I am not.

Q Do you know if this well is completed, the Tubb portion

9
of this well is in the same vertical limits as the vertical limits for the Tubb Gas Pool?

A I haven't checked that.

Q It is actually immaterial. However, I believe you stated that you would be willing for the Tubb Pool rules to apply to this well?

A Yes, sir.

Q Do you have any knowledge of the pressures to be encountered in these two zones?

A We haven't run any bottom hole pressures as yet. I believe that the Tubb zone, however, will run somewhere in the neighborhood of two thousand pounds. Now, that is just a guess.

MR. NUTTER: Any further questions of Mr. McWilliams?

Q (By Mr. Nutter) Do you have the gravity on that Drinkard production?

A No, I don't.

MR. NUTTER: If there are no further questions, the witness may be excused.

(Witness excused)

MR. NUTTER: Anyone have anything further in Case 1687? Take the case under advisement and take next Case 1684.

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, J. A. Trujillo, Notary Public in and for the County of Bernalillo, State of New Mexico, 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 by me, and that the same is a true and correct record to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal this, the 10th day of June, 1959, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

Joseph A. Trujillo
NOTARY PUBLIC

My Commission Expires:
October 5, 1960

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 1687
heard by me on 6-3, 1959.

Samuel, Examiner
New Mexico Oil Conservation Commission

MAIN OFFICE OCC 1959 AUG 19 AM 10 04
1959 AUG 25 AM 9:00

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

6-2-56

PACKER-SETTING AFFIDAVIT
(Dual Completions)

STATE OF New Mexico)
County of Lea) ss

V. W. Davidson, 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 Continental Oil Company in the capacity of Drilling Foreman and as such is its authorized agent.

That on 3-23, 1959, he personally supervised the setting of a Baker Model D in Continental Oil Company's
(Make and Type of Packer) (Operator)

Britt B-15 Well No. 9, located in Unit
(lease)
Letter J, Section 15, Township 20S, Range 37E, NMPM,
Lea County, New Mexico.

That said packer was set at a subsurface depth of 6675 feet, said depth measurement having been furnished by Huskey Guns, Inc.

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 well-bore, 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.

Continental Oil Company
(Company)

W. W. Davidson
(its Agent)

Subscribed and sworn to before me this the 16 day of August, AD, 1960.

[Signature]
Notary Public in and for the County of Lea.

My Commission Expires 11-30-63.

CONTINENTAL OIL COMPANY

Britt B-15 No. 9

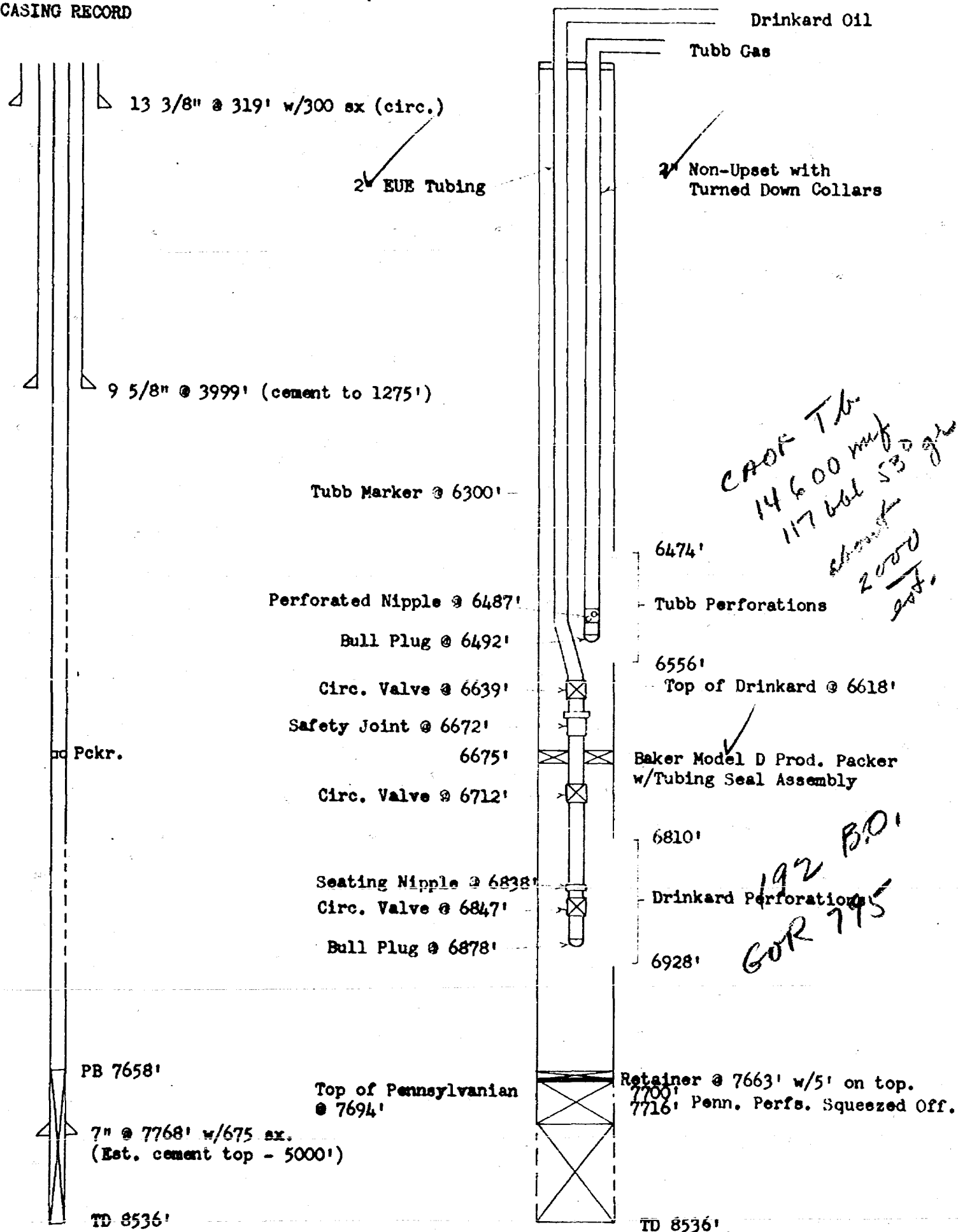
BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

appl EXHIBIT NO. 1
CASE NO. 1687

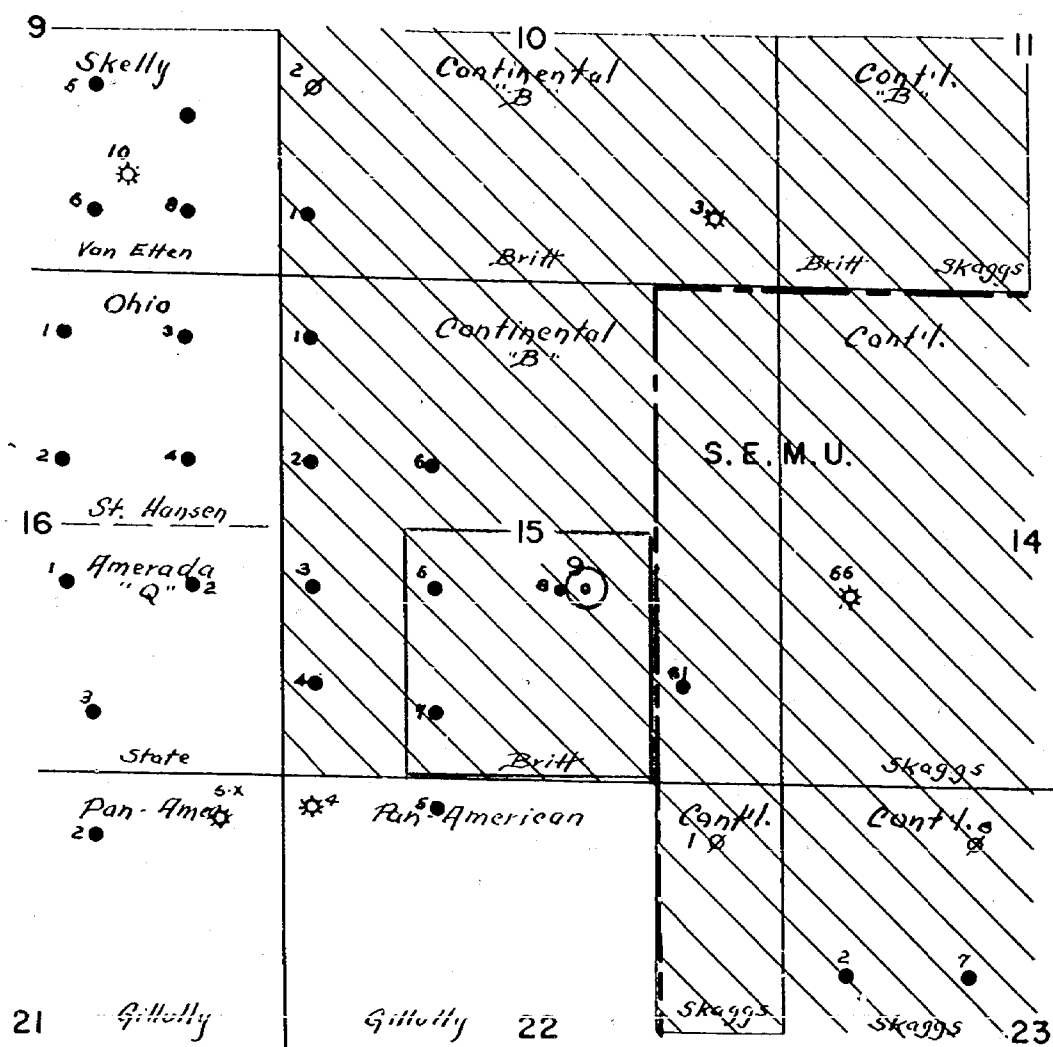
DUAL COMPLETION EQUIPMENT

CASING RECORD



R-37-E

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BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
April EXHIBIT NO. 2
CASE NO. 1687

OWNERSHIP PLAT

CONTINENTAL OIL COMPANY
Britt B-15 No.9

Lea Co., New Mexico.

Scale: 1" = 2000'

○ Dual Completion

— Proposed Tubb Gas Unit

Continental Leases Cross-hatched.