

Case No.

1203

Application, Transcript,
Small Exhibits, Etc.

Dual Completion
Return to
W.J. C.
BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 1116
Order No. R-875

THE APPLICATION OF CONTINENTAL OIL
COMPANY FOR AN ORDER GRANTING
PERMISSION TO DUALY COMPLETE ITS
LOCKHART "B-14" "A" WELL NO. 2-A
IN THE TERRY BLINEBRY OIL POOL AND
THE TUBB GAS POOL, SAID WELL BEING
LOCATED IN THE SE/4 SE/4 OF SECTION
14, TOWNSHIP 21 SOUTH, RANGE 37 EAST,
NMPM, 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 25, 1956, at Hobbs, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the New Mexico Oil Conservation Commission, hereinafter referred to as the "Commission", in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 13th. day of September, 1956, the Commission, a quorum being present, having considered the application, the evidence adduced, the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

(1) That due notice having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.

(2) That the applicant, Continental Oil Company, is the co-owner and operator of certain federal oil and gas leases in Lea County, New Mexico, a portion of which consists of the E/2 E/2 of Section 14, Township 21 South, Range 37 East, NMPM, containing 160 aces. more or less.

(3) That applicant's A. M. Lockhart "B-14" "A" No. 2-A Well located 660 feet from the South and East lines of said Section 14 was completed in the Wantz-Abo Pool at a producing depth of 7000-7344 feet on January 10, 1954.

(4) That applicant proposes to plug said well back to approximately 6900 feet and dual complete in the Terry-Blinebry Oil Pool and the Tubb Gas Pool. Further, that applicant proposes to utilize a cross-over assembly, by means of which oil from the Terry-Blinebry Oil Zone will be produced through the tubing and gas from the Tubb Gas Zone will be produced through the casing-tubing annulus. Further, that the zones will be separated by means of two production packers, one set between the two zones and one set above the uppermost zone.

(5) That the mechanics of the proposed dual completion as outlined in the application are feasible and in good practice.

IT IS THEREFORE ORDERED:

(1) That the applicant, Continental Oil Company, be and the same is hereby authorized to dually complete and produce its A. M. Lockhart "B-14" "A" No. 2-A Well, located 660 feet from the South and East lines of Section 14, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner that the gas from the Tubb Gas Pool may be produced through the tubing to the cross-over assembly and thence through the casing-tubing annulus to the surface, and the oil from the Terry-Blinebry Oil Pool may be produced through the casing-tubing annulus to the cross-over assembly and thence through the tubing to the surface.

PROVIDED HOWEVER, That upon the actual dual completion of said subject well, applicant shall submit to the district office of the Commission in which the subject well is located, Form C-103, Form C-104, Form C-110 and Form C-122, outlining the information required on these forms by existing Rules and Regulations.

PROVIDED HOWEVER, That subject well shall be completed and thereafter produced in such a manner that there will be no commingling within the well bore either within or outside the casing of gas, oil and gas, or oil produced from the separate strata, and

PROVIDED FURTHER, That said subject well for dual completion and production shall be equipped in such a way that reservoir pressures may be determined separately for each of the two specified strata and further be equipped with all necessary connections required to permit the recording meters to be installed and used at any time as may be required by the Commission or its representatives in order that natural gas, or oil and gas from each separate stratum may be accurately measured and the gas-oil ratio thereof determined and

copy

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Order No. R-875

copy

PROVIDED FURTHER, That the operator-applicant shall make any and all tests, including segregation tests and packer leakage tests upon completion and annually thereafter during the ^{15+ day} ~~annual~~ GOR test period, for the ~~Terry~~ Blinebry Oil Pool, ^{Conservation in the year 1951} and upon completion of remedial work or whenever the packer is disturbed, but not excluding other tests and/or determinations at any convenient time and in such manner as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of offset operators if any there be at their election, and the results of each test properly attested to by the applicant herein, and all witnesses, and shall be filed with the Commission within ~~ten~~ ^{fifteen} days after the completion of such tests and further that applicant shall file with the Commission in duplicate a packer-setting affidavit, which affidavit shall be due within ~~15~~ ^{fifteen} days of the dual completion or whenever the packer is disturbed.

PROVIDED FURTHER, That upon the actual dual completion of such subject well, applicant shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually used to complete and produce the seal between the strata and a special report of production gas-oil ratio and reservoir pressure determination of each producing zone or stratum immediately following 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

S/John F. Simms, Chairman

S/E. S. Walker, Member

S/A. L. Porter, Jr., Member & Secretary

S E A L

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

January 3, 1957

C
O
P
Y

Stanolind Oil and Gas Company
P. O. Box 829
Roswell, New Mexico

Attention: Mr. C. L. Kelley

Re: Cancellation of DC-372

Gentlemen:

Reference is made to your letter dated December 26, 1956, regarding your State "S" Well No. 3, located in the SW/4 NW/4 of Section 32, Township 22 South, Range 38 East, Lea County, New Mexico, to be dualled in the Blinbry Gas Pool and Tubb Gas Pool.

Effective this date Administrative Order DC-372 is hereby cancelled due to the fact that you obtained an oil well in the Blinbry formation when you attempted to dually complete subject well.

Very truly yours,

A. L. Porter, Jr.
Secretary-Director

ALP:jh

cc: Oil Conservation Commission, Hobbs
N. M. Oil and Gas Engr. Comm., Hobbs
Stanolind Oil and Gas Company, Hobbs

**BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO**

**IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF
CONSIDERING:**

**CASE NO. 1203
Order No. R-977**

**APPLICATION OF STANOLIND OIL AND
GAS COMPANY FOR AN ORDER GRANTING
AUTHORITY TO EFFECT AN OIL-GAS DUAL
COMPLETION IN THE BLINEBRY OIL POOL
AND THE TUBB GAS POOL FOR ITS STATE
"S" NO. 3 WELL IN THE SW/4 NW/4 OF
SECTION 32, TOWNSHIP 22 SOUTH, RANGE
38 EAST, NMPN, LEA COUNTY, NEW MEXICO.**

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 10 o'clock a.m. on January 30, 1957, at Hobbs, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the New Mexico Oil Conservation Commission, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 23rd day of April, 1957, 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 case and the subject matter thereof.

(2) That the applicant is the owner and operator of the State "S" No. 3 Well, located 1980 feet from the North line and 660 feet from the West line of Section 32, Township 22 South, Range 38 East, NMPN, Lea County, New Mexico.

(3) That the applicant was authorized by Commission Order DC-372 dated November 16, 1956, to effect a gas-gas dual completion in the Blinebry Gas Pool and Tubb Gas Pool for the said State "S" No. 3 Well, but that upon actual dual completion oil rather than gas was obtained in the Blinebry formation.

(4) That the applicant now proposes to effect an oil-gas dual completion in the Blinebry Oil Pool and Tubb Gas Pool, for the said State "S" No. 3 Well to be produced through parallel strings of tubing.

(5) That the proposed dual completion will not cause waste or impair correlative rights.

(6) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant, Stanolind Oil and Gas Company, be and the same is hereby authorized to effect an oil-gas dual completion for its State "S" No. 3 Well in the SW/4 NW/4 of Section 32, Township 22 South, Range 38 East, NMPM, Lea County, New Mexico, both of said zones to be produced through parallel strings of tubing.

PROVIDED HOWEVER, That upon the actual dual completion of said subject well, applicant shall submit to the district office of the Commission in which the subject well is located, Form C-103, Form C-104, Form C-110 and Form C-122, outlining the information required on these forms by existing Rules and Regulations.

PROVIDED HOWEVER, That subject well shall be completed and thereafter produced in such a manner that there will be no commingling within the well bore either within or outside the casing of gas, oil and gas, or oil produced from the separate strata, and

PROVIDED FURTHER, That said subject well for dual completion and production shall be equipped in such a way that reservoir pressures may be determined separately for each of the two specified strata and further be equipped with all necessary connections required to permit the recording meters to be installed and used at any time as may be required by the Commission or its representatives in order that natural gas, or oil and gas from each separate stratum may be accurately measured and the gas-oil ratio thereof determined and

PROVIDED FURTHER, That the operator-applicant shall make any and all tests, including segregation tests and packer leakage tests upon completion and annually thereafter during the First-Half GOR Test Period for the Blinbry Oil Pool commencing in the year 1958, and upon completion of remedial work or whenever the packer is disturbed, but not excluding other tests or determinations at any convenient time and in such manner as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of offset operators, if any there be, at their election, and the results of each test properly attested to by the applicant herein, and all witnesses, and shall be filed with the Commission within fifteen days after the completion of such tests and further that applicant shall file with the Commission in duplicate a packer-setting affidavit, which affidavit shall be due within fifteen days of the dual completion or whenever the packer is disturbed.

PROVIDED FURTHER, That upon the actual dual completion of such subject well, applicant shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually used to complete and produce the seal between the strata and a special report of production gas-oil ratio and reservoir pressure determination of each producing zone or stratum immediately following completion.

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Case No. 1203
Order No. R-977

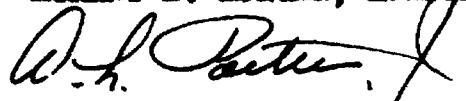
IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste or protection of correlative rights. Upon failure of applicant to comply with any requirement of this order after 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-well production in the interests of conservation.

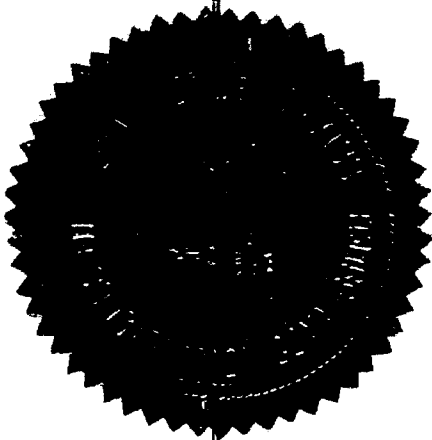
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


EDWIN L. NECKEN, Chairman


MURRAY E. MORGAN, Member


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



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BEFORE THE
OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO
January 30, 1957

IN THE MATTER OF:

CASE NO. 1203

TRANSCRIPT OF PROCEEDINGS

BEFORE THE
OIL CONSERVATION COMMISSION
Hobbs, New Mexico
January 30, 1957

IN THE MATTER OF:

THE APPLICATION OF STANOLIND OIL AND
GAS COMPANY FOR APPROVAL OF AN OIL-
GAS DUAL COMPLETION IN THE BLINEBRY
OIL POOL AND TUBB GAS POOL, LEA COUNTY,
NEW MEXICO, IN EXCEPTION TO RULE 112-A
OF THE NEW MEXICO OIL CONSERVATION
COMMISSION RULES AND REGULATIONS.
APPLICANT IN THE ABOVE STYLED CAUSE SEEKS
AN ORDER APPROVING AN OIL COMPLETION IN
THE BLINEBRY OIL POOL AND A GAS COMPLETION
IN THE TUBB GAS POOL FOR ITS STATE "S"
NO. 3 WELL, IN THE SW/4 NW/4 OF SECTION 32,
TOWNSHIP 22 SOUTH, RANGE 38 EAST, LEA
COUNTY, NEW MEXICO. SAID WELL WAS
PROJECTED AS A GAS-GAS DUAL COMPLETION AND
AUTHORIZED TO BE DRILLED BY COMMISSION
DC-372 WHICH HAS BEEN CANCELLED DUE TO
FACT THAT OIL RATHER THAN GAS WAS OBTAINED
IN THE BLINEBRY. APPLICANT PROPOSES TO
UTILIZE PARALLEL STRINGS OF TUBING TO
PRODUCE THE TWO SEPARATE ZONES.

BEFORE:

Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

MR. NUTTER: The next case will be Case Number 1203.

MR. CURLEY: Case 1203, the Application of Stanolind Oil and Gas Company for approval of an oil-gas dual completion in the Blinebry Oil Pool and Tubb Gas Pool, Lea County New Mexico, in exception to Rule 112-A of the New Mexico Oil Conservation Commission Rules and Regulations. How many witnesses do we have, one?

J. W. MEEK

having first been duly sworn, testified as follows:

By Mr. E. K. Newman:

Q By whom in the past year were you employed?

A I am employed by Stanolind Oil and Gas Company, as Petroleum Engineer.

Q Have you previously testified before this Commission?

A Yes, I have previously testified before this commission.

Q Are the witnesses qualifications accepted?

MR. NUTTER: They are.

Q Are you familiar with the application in this Case?

A Yes, I am.

Q What is the nature and purpose of the Application?

A The purpose of the Application is to obtain an exception to Commission Rule 112-A to permit dual completion of our State S No. 3. I have here a plat, which is primarily for orientation purposes, on which the State S No. 3 is circled in red. That will be entered as our Exhibit 1.

Q In what pool is the State S No. 3 Well located?

A In the - - the State S No. 3 Well is located in the Tubb Gas Pool, and presently the Blinebry production we are encountering there is undesignated; however, we have filed the Form C-123 to have that well classified in the Blinebry Oil Pool.

Q Would you give the Commission the history of this particular well?

A The history of the State S No. 3, it was completed in 1947 as a Drinkard Oil Well. However, by mid 1956, the Drinkard oil production had declined to approximately 5 barrels of oil and 1 barrel of water per day. Therefore, decided to abandon the Drinkard and dually re-complete the well in the Blinebry and Tubb Gas Horizon. In line with this plan, we filed application and obtained approval to dually re-complete the well in the Tubb and Blinebry Gas Horizons, and this authority was obtained under Commission Order Number DC-372.

Q Would you explain to the Commission what was done in connection this well, following the authority to complete as a gas or a gas dual completion?

A Yes, I will. With the permission of the Commission, I would like to refer to

this electric log of the well on which pertinent work has been listed. On commencing the work, we set a retainer, as noted on this Exhibit, at 6346, and squeezed the Drinkard Formation with 300 sacks of cement. In preceding back up to the hole, in the sequence in which the work was performed, the Tubb Horizon was perforated at 6205' to 6223', 6250' to 6270', and these perforations were then acidized with 25 hundred gallons followed by a 5,000 gallon acid frac. However, in preparation of the Exhibits for this hearing, we noticed that the perforation 6250 to 6270 are below the vertical limits of the Tubb Horizon, so in the final work performed on the well, we propose to go in and plug these perforations with suitable plugging material. So the perforations we will have open in the completion, will be within the vertically defined limits of the Tubb Horizon. Preceding further back up the hole, again in the Tubb Horizon, we perforated from 6,050' to 6155', these perforations are so noted on the Exhibit. Again this interval was acidized with 2500 gallons, followed by a 5000 gallons acid frac. The Tubb Horizon then tested for potential, 4500 MCF per day on a 3/4 inch choke, tubing flowing pressure of 400 pounds. That completed the work on the Tubb and preceding to the Blinebry, first a production packer was set at 5980 feet and part of our dual completion equipment was run at that time. We then backed off from the packer and perforated in the Blinebry horizon, at the interval of 5545 to 5610. That interval was then treated with 3000 gallons of acid followed by 6000 gallons of acid frac. Now, on potential, this horizon tested, flowing, 231 barrels of oil no water, gas-oil ratio of 38 30. And that comprised the work that has been performed to date on this recompletion.

Q If the application in this case is granted, what additional work will be done on the well, to complete it as an oil-gas dual completion?

A The remaining work to be performed, first, of all, we go back in and plug the perforations in the lower Tubb, 6250 to 6270. Then install a dual wellhead, run the individual tubing strings to produce the Blinebry and Tubb through individual strings, then conduct the proper packer-leakage tests.

Q Will there be any commingling of production from separate formations in this well, either in the well bore or in the casing head?

A No, by virtue of the equipment we propose to install, there will be no commingling either in the well bore or in the wellhead. I would like to enlarge on that somewhat, with the exhibits we have here. First of all the well bore diagrams shows the production packer set between the Blinebry and Tubb Horizons. The setting of this packer will effectively prevent communication between the two horizons by virtue of the packing element, and the two opposite sets of slips on the packer and also there will be no communication through the bore of the packer by virtue of the tubing seal nipple incorporated in the Tubb production tubing string. That will effectively prevent any communication within the well bore, and next I have here a diagram of the dual well head, which we propose to install on the well. Now this head will permit hanging two individual tubing strings. They will be hung by the mandrel shown here, and then each individual string will be sealed from communication within the well-head by the 12 1/2 degree Rector seal ring which are so shown upon the diagram. Now, those seals will be around each tubing string, thereby, preventing any communication within the head itself. Along that same line, I have an enlarged diagram which does not necessarily reflect the exact size which will be installed in a well, but it does furnish a blowup of those sealing rings around each individual tubing string.

Q Is there a sealing ring which will go around both tubing heads?

A No, there is not, you can see from this enlarged diagram that there is no groove in your upper flange, which would permit installation of a larger ring in there and leave out the other, your seal has to be from your individual rings around the tubing - individual tubing strings.

Q From what formation is this well now being produced?

A The State S No. 3, is presently being produced from the Blinebry Oil Horizon. The Tubb Gas Horizon is now shut-in.

Q Has there been any production from the Tubb Gas Horizon since the lower said perforations were made?

A The only production that has been experienced from the Tubb was that encountered on the testing.

Q Would the type of equipment plan to be used in this dual completion, will you be able to workover the separate producing horizons without harm to the other producing horizons?

A Yes, we will be able to workover the two individual producing horizons with the equipment we plan to install.

Q Will you be able to make bottom hole pressure tests as to each separate horizon?

A Yes, well - we will.

Q Will the granting of this application, the application in this case, result in the waste?

A No, the granting of this application would not result in any waste.

Q Would it be economically feasible to drill a twin well to the existing well in order to produce each formation to a separate well bore?

A No, it would not at the present time, I could not recommend drilling a twin well to either of these horizons.

Q Would the granting of application permit production of additional oil or gas by making the production economically feasible thereby preventing underground waste?

A Yes, it would.

Q Would correlative rights be in any way affected by the granting of this application?

A No, they would not.

Q Were the exhibits presented to the Commission, prepared by you or under your direction?

A Yes, they were.

Q We would like to offer these, I think you have them in the order here, four, three, four and five. The five exhibits, one through 5, be offered as evidence.

MR. NUTTER: Is there objection to the introduction of Stanolind's Exhibits 1 through 5? If not, they will be received.

Q Would you like additional copies of that, the exhibits?

MR. NUTTER: Two copies will suffice. Do you have anything further?

MR. NEWMAN: That is all.

MR. NUTTER: Does any one have any questions of Mr. Meek?

MR. FISHER: Mr. Meek, will those Blinebry sections flow?

A Yes, it flowed on potential.

MR. FISHER: What type of packer do you have on this production packer noted here?

A That is a Baker Model D.

Q A wire line, an electric line set?

A I think it was set by an electric line.

MR. FISHER: In order to plug off this zone 6250 and 6270, you'll have to drill out your Baker packer, is that right?

A Not necessarily, but as I pointed out, we discovered it just the other day and we have not gone into the details as to how we plan to plug it off, but I think it can be done through the packer. In other words, if you pull the tubing string and work through the packer bore, go down the tubing and put a suitable plugging material in against those perforations.

Q Will you be sure that then you have plugged off the zone 6250 to 6270? How will you be sure that you have plugged off that zone?

A Well, we can --- we will be able to tag the top of our plugging material there, and we have approximately a 20 foot blank-off between those perforations and the next upper set.

Q If your Blinebry oil ceases to flow and has to be pumped, or you have to blank off either zone to test or do work on the other, how would you do that? Would you - just by shutting in the valve on either tubing, or would you set a psi tool on the top, and set in the head?

A Well, now which do you want first, actually we can go ahead and pump the Blinebry through a separate string if that becomes necessary. We can install the pumping equipment on the Blinebry, if that becomes necessary.

MR. FISHER: And if you have to test either zone, how would you plug off the other zone? Just by shutting in the valves?

A Would you define a little more just what you mean by test here, actually each zone is separated by virtue of the equipment we have in there.

MR. FISHER: Well, I was just wondering if that rector head up there is set for setting a plug?

A You mean like putting a blank choke in your -- yes, we can do that.

MR. FISHER: That is all I have.

MR. NUTTER: Does any one else have any questions of the witness? Mr. Meek, as I understand it now, your lower set of perforation, 6250 to 6270 is below the vertical limits of the Tubb Pool?

A Yes, that is right, the vertical limits of the Tubb Gas Pool are defined as 225 feet below the Tubb marker, and this last set of perforations fall 250 feet below the Tubb marker.

MR. NUTTER: I see. What size tubing will be used for these two strings of tubing?

A 2 inch tubing.

MR. NUTTER: 2 inch tubing.

A There is 7 inch casing in the hole. In other words in the Drinkard completion.

MR. NUTTER: Does anyone else have any questions of the witness? If not the witness may be excused. Mr. Fisher -

MR. FISHER: I just have one more question. Is that 7 inch 23 pound pipe?

MR. MEEK: It is 7 inch, I am not sure of the weight at the moment -- according to the completion report I have here, its 7 inch ranging from 20 to 23 pounds per foot.

MR. NUTTER: Mr. Meek, is the 40 acres on which your State S. No. 3 Well is located,

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is that dedicated to any Blinebry gas well?

A No.

MR. NUTTER: I see. If there is no further question of Mr. Meek, the witness may be excused. Does anyone have any statements to make in Case 1203? If there are no statements, we will take the case under advisement and the hearing is adjourned.

STATE OF NEW MEXICO)
COUNTY OF SANTA FE)

I, GLORIA ALVARADO, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission Examiner at Hobbs, New Mexico, is a true and correct record, to the best of my knowledge, skill and ability.

Dated at Santa Fe, New Mexico this 5th day of March, 1957.

Gloria Alvarado

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 1203,
heard by me on Jan 30, 1957.
Samuel A. Smith, Examiner
New Mexico Oil Conservation Commission

STANOLIND OIL AND GAS COMPANY

Roswell, New Mexico
December 26, 1956

File: E-1045-986.510 x 380.1

Subject: Application for Hearing to Obtain
Approval of Exception to Rule 112A
for Stanolind's Blinbry (oil)
Tubb (gas) Dual Completion at
State "S" No. 3.

New Mexico Oil Conservation Commission (3)
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Stanolind Oil and Gas Company herewith respectfully requests an examiner hearing before the New Mexico Oil Conservation Commission to obtain an exception to Statewide Rule 112A for their State "S" No. 3, located 1980' from the north line and 660' from the west line of Section 32, T-22-S, R-38-E, Lea County, New Mexico. In support of this application the following facts are submitted:

1. Exhibit "A" attached shows the location of all wells on Stanolind's 120 acre State "S" Lease and all offset wells on offset leases.
2. This well has already been dually completed. A notice of intention to dually complete this well as a Blinbry-Tubb gas dual completion was submitted by Stanolind on Form C-102 dated November 13, 1956, and was approved by the Commission on November 27, 1956. During the dual completion of this well it was found that the Blinbry zone was productive of oil rather than gas. Exhibit "B" attached shows the dual completion procedure followed and the results obtained. Two intervals in the Tubb zone were perforated and the combined capacity of these intervals was 4500 MCFPD. A 65' interval in the Blinbry tested 231 BOPD flowing with a GOR of 3830 after being acidized with 3000 gallons and a 6000 gallon acid frac.
3. The Tubb gas zone is currently shut-in pending Commission approval of the oil-over-gas dual.
4. By copy of this letter all offset operators are being notified of Stanolind's request for a hearing.

Respectfully submitted,

STANOLIND OIL AND GAS COMPANY

C. E. Kelley
C. E. Kelley
District Superintendent

/js
Attachments

Case #1202

Examiner

11/22/56

1/21/57

Refer

SSA

Send copy to Mike Kelley on 1/21/57

*DC-372
Cancelled
1/21/57*

New Mexico Oil Conservation Commission
December 26, 1956
Page Two

cc: Gulf Oil Corporation
P. O. Box 2167
Hobbs, New Mexico

Cities Service Oil Company
P. O. Box 97
Hobbs, New Mexico

The Texas Company
Petroleum Life Building
Midland, Texas

/js

U.S.A
TEXAS CO

E. Gann
GULF

Cowden
GULF

29

Elfre Gann
GULF

Higgins
GULF

GULF

A. H. Blinbry
TEXAS CO

Watkins
GULF

T
22
S

W. H. Scarborough
GULF

GULF

32

CITIES

EXHIBIT H

SA
XAS

T- 00

ELEVATION 3375' DF

SHANGLING OIL AND GAS COMPANY
STATE "S" NO. 3
1980' FNL X 660' FNL Sec. 32, T-22-S, R-38-E

9 5/8" CSA 2921'
w/700 SX.

Tubb Gas
Production

Blinebry Oil
Production

BLINEBRY 5550 MARKER
5545

4.

5610

3.

TUBB 6020' MARKER

Perf.
6050 2-B.
6115

Perf.
6215
6223 2-A
6250
6270

6340
1.

7" CSA 6866' w/600 SX.

T.D. 7111

DUAL COMPLETION PROCEDURE

1. Set Retainer & 6346 & Squeeze Drinkard with 350 SX. & 3000# PBD 6340'.

2-A Perf. Tubb 6205-23 and 6250-70. With Pkr. set @ 6115. Acid thru tbg. w/2500 gal followed by 5000 gal Acidfrac. Set Retrieable Bridge Plug @ 6175.

2-B Perf. 6050-6115. With Pkr @ 6130. Acid thru tbg with 2500 gal followed by 5000 gal Acid frac.

Pulled Pkr & Bridge Plug & tst. 11-23-56 IPF 4500 MCFPD 3/4" ch IPF 400#.

3. Set Production packer @ 5980. Ran tbg w/side door choke, tail pipe & Dual Completion Equipment. Backed tbg off at Safety Joint & Test blinebry.

4. Set Retrieable bridge plug @ 5650. Perf. 5545-5610. With Pkr @ 5510 Acid thru tubing w/3000 gal followed by 6000 gal Acid frac.

Pulled Pkr & Bridge Plug & tst. 12-12-56 IPF 231 B/24 hrs. to str. LOS 1450 TPF 350.

EXHIBIT B

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

April 24, 1957

Mr. E. K. Newman
Atwood & Malone
Box 867
Roswell, New Mexico

Dear Sir:

On behalf of your client, Stanolind Oil & Gas Company, we enclose two copies of Order R-977 issued April 23, 1957, by the Oil Conservation Commission in Case 1203, which was heard on January 30th at Hobbs.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

bp
Encls.

C
O
P
Y

Final for the record

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

4-3-57

Date 2-18

CASE

1203

Hearing Date

1-30-57

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

Enter an order authorizing Standard (now Pan-American) to effect a dual completion on its State "S" Well No. 3, said dual completion to be for the Blinkey Oil Pool and Turck Gas Pool.

Applicant had authorization to make a gas-gas dual (DC-372) but encountered oil in the Blinkey. (DC-372 was cancelled by letter ALP to C.L. Kelly 1-3-57)

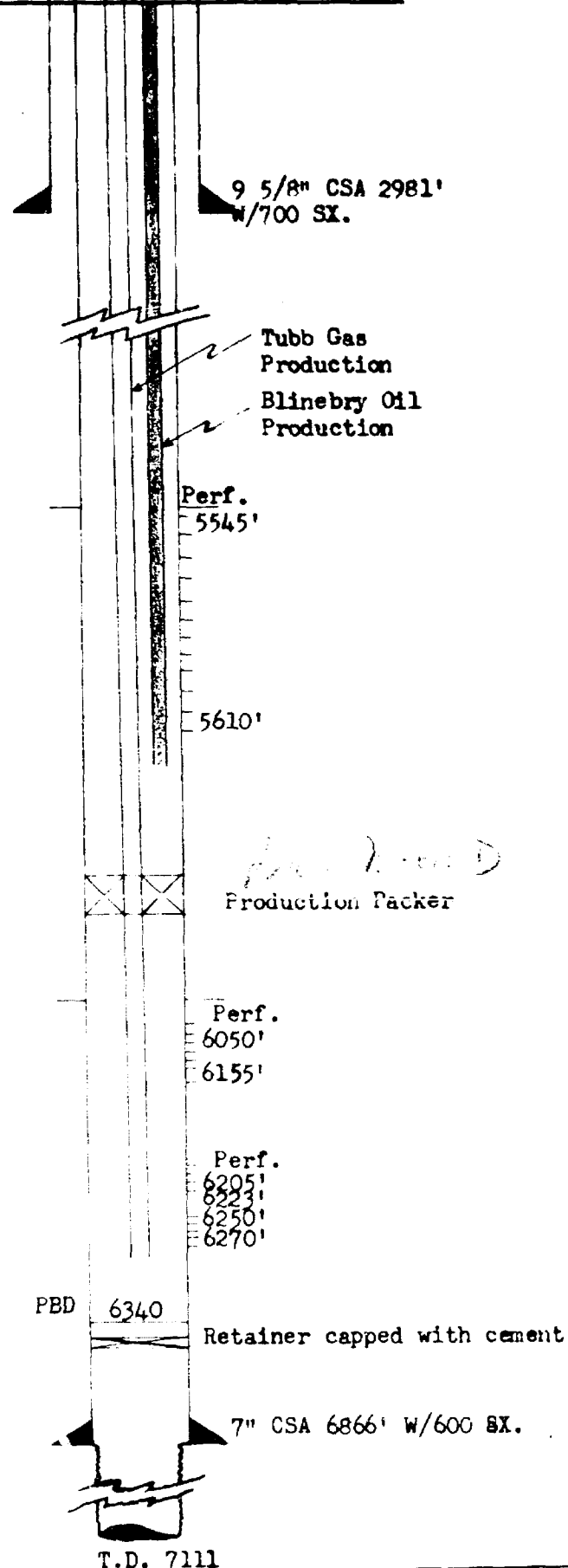
Applicant proposes to produce each zone thru individual parallel tubing strings separating the zones by means of a Parker Model D Production Packer. This type of completion ~~can be~~ ^{when} made is completely acceptable.

Only hitch in the entire deal is the fact that applicant has 20 feet of perforations (6250-6270) below the vertical limits of the Turck Pool. The witnesses testified however that these perforations will be squeezed off.

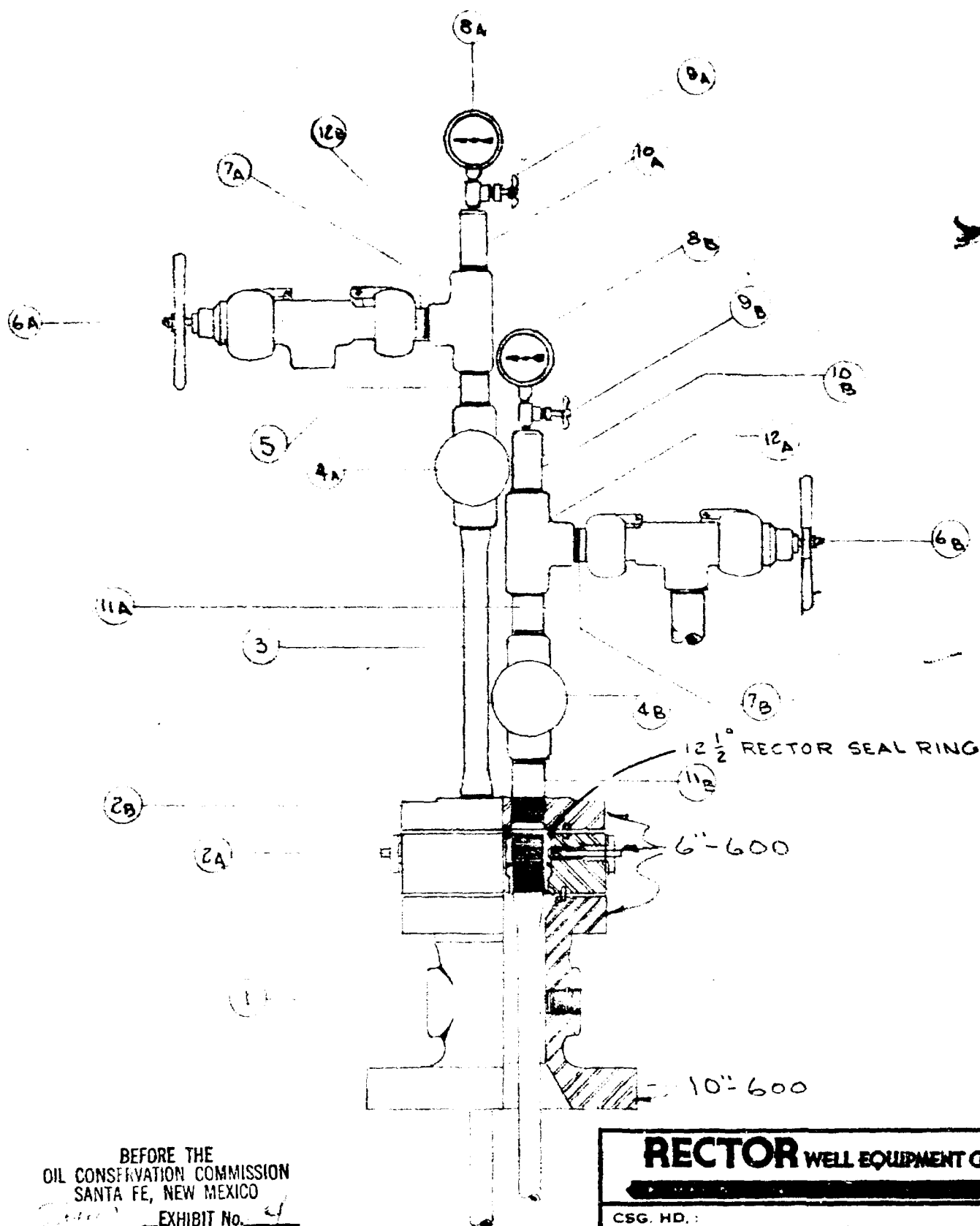
Sam Rutter
Staff Member
Examiner

STANOLIND OIL AND GAS COMPANY
 STATE "S" NO. 13
 1980' FNL X 660' FNL Sec. 32, T-22-S, R-38-E
 WELL BORE DIAGRAM

BEFORE THE
 OIL CONSERVATION COMMISSION
 SANTA FE, NEW MEXICO
Stano EXHIBIT No. 3
 CASE 1205



T.D. 7111



BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

EXHIBIT No. 4
CASE 1202

RECTOR WELL EQUIPMENT CO.

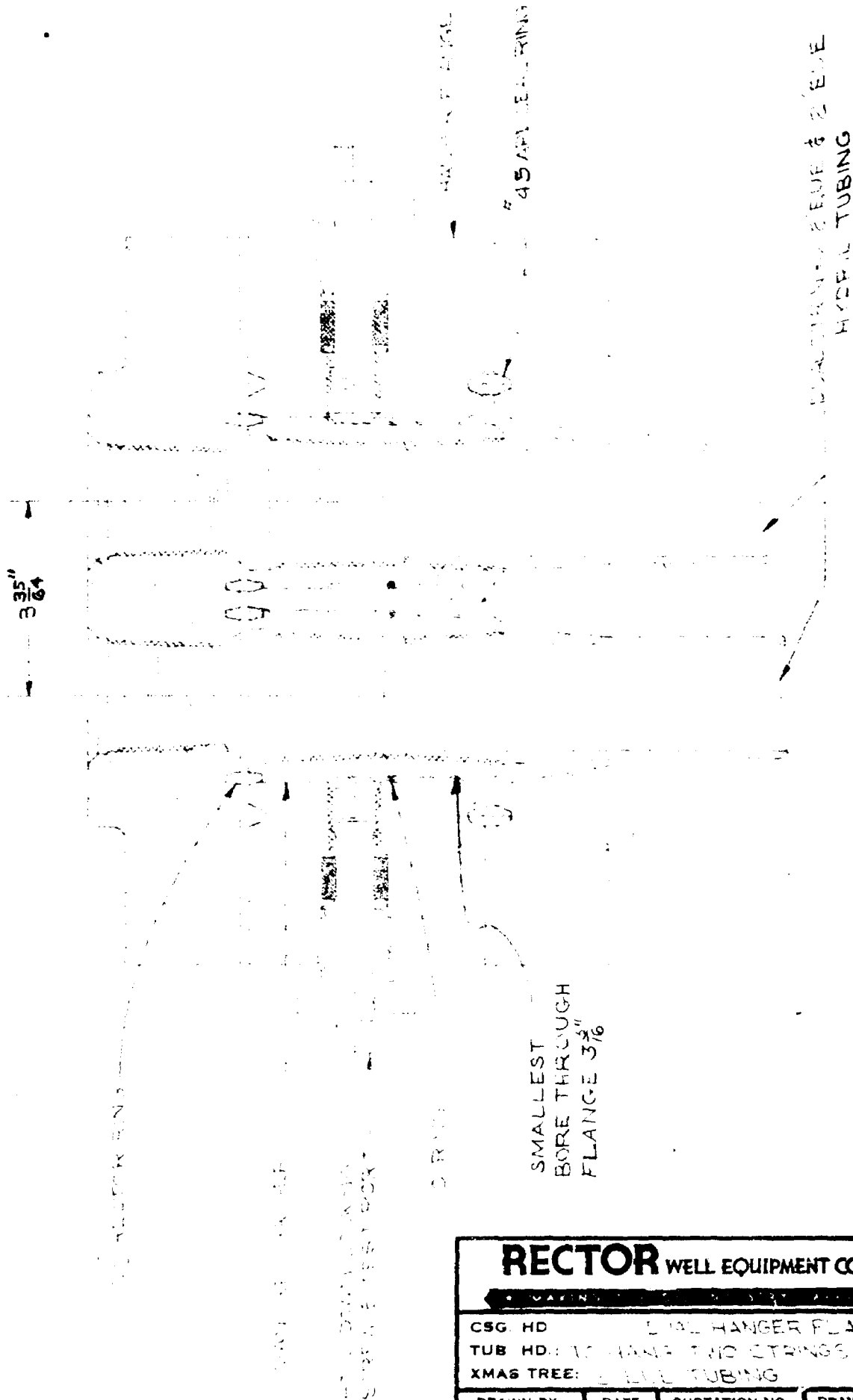
CSG. HD.:
TUB. HD.: 10"-600 X 6"-600 Type "6M"
XMAS TREE: 6000* Test

DRAWN BY Hitzfeld	DATE 1/29/57	QUOTATION NO. 4773	DRAWING NO. RX-4075
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**BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO**

EXHIBIT No.

CASE



RECTOR WELL EQUIPMENT CO.

CSG. HD 100 HANGER FLANGE

TUB HD: TO HANG TWO STRINGS.

XMAS TREE: 2 1/2" TUBING

DRAWN BY

DATE _____

QUOTATION NO.

DRAWING NO.

45

2/27/83

4300

A-790