

Case No.

1434

Application, Transcript,  
Small Exhibits, Etc.

**CASE NO.** Thunder Oil Co. application  
for license to sell "G" war gas.  
LA 80-796.

EXAMINER HEARING  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
May 6, 1958

IN THE MATTER OF: Case No. 1434

TRANSCRIPT OF PROCEEDINGS

DEARNLEY - MEIER & ASSOCIATES  
INCORPORATED  
GENERAL LAW REPORTERS  
ALBUQUERQUE, NEW MEXICO  
3-6691 5-9546

Application of Tidewater Oil Company for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Coates "C" Well No. 11, located 1980 feet from the North line and 1650 feet from the West line of Section 24, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Drinkard formation adjacent to the Justis-Drinkard Pool and oil from the Justis-Fusselman Pool through parallel strings of tubing.

Case 1434

BEFORE: Daniel S. Nutter, Examiner

## TRANSCRIPT OF PROCEEDINGS

MR. NUTTER: We will take next Case 1434.

MR. PAYNE: Case 1434: Application of Tidewater Oil Company  
for an oil-oil dual completion.

MR. SETH: We have one witness, Mr. Miller.

(Witness sworn.)

ROBERT N. MILLER

called as a witness, having been first duly sworn on oath, testified as follows:

## DIRECT EXAMINATION

By MR. SETH:

Q Will you state your full name, please, Mr. Miller?

A Robert N. Miller.

Q You are employed by Tidewater Oil Company?

A Yes, sir.

Q In what capacity?

A Area petroleum engineer.

Q Do you have your offices where?

A Hobbs, New Mexico.

Q Have you testified at Examiner hearings before this Commission?

A Yes, sir.

Q Are you familiar with Tidewater's application in this present case?

A Yes, sir, I am.

Q Would you state first, please, the location of the proposed well to be completed as an oil-oil dual completion?

A The proposed well is Tidewater's A. B. Coates "C" No. 11, located 1650 feet from the West line and 1980 feet from the North line of Section 24, Township 25 South, Range 37 East, in Lea County, New Mexico.

(Tidewater's Exhibit No. 1  
marked for identification.)

Q I will refer you to what has been marked Tidewater's Exhibit No. 1. Does this exhibit show the location of this well under consideration?

A Yes, sir, it does.

Q Is this well being drilled at the present time?

A Yes, it is drilling below 5500 feet right now.

Q Would you please state the casing program that you have set up for this well?

A To date we have set 13-3/8 at 520 feet, cemented to the surface, 9-5/8 casing set at 3349 and cemented to the surface, and we will set 7-inch casing at approximately 7200 feet with sufficient cement to isolate the producing zones.

Q Is that in accordance with the completion practices of other wells in this area?

A Yes, sir, it is.

Q In your opinion is the 40-acre tract reasonably expected to be productive, and if so, in what zones?

A Yes, sir, this well should be productive from both the Drinkard and the Fusselman zones, which are the ones that Tidewater is asking for a dual. We feel that it is productive in the Fusselman by virtue that it is within the horizontal limits of the Justis-Fusselman Pool, which at the present time is the Northwest Quarter of Section 24. We believe it to be productive from the Drinkard because it is offset by Drinkard well Western Natural Wimberley No. 4, which potentialled 1356 barrels of oil per day from the Drinkard, and drill stem test on Tidewater's A. B. Coates "C" No. 7, a due east offset, was 81 barrels of oil in two hours from the Drinkard.

Q This location is not within the present boundaries of the

Justis-Drinkard Pool?

A No, sir, it is not; however, I believe the Commission has on its docket for the regular May hearing to expand the Justis-Drinkard Pool to include the Northwest Quarter of Section 24, by virtue of these two Western Natural wells.

Q What are the east offsets to this well, what sort of a well is that?

A Are you referring to the drill stem test in the Drinkard on the east offset?

Q Yes.

A It is an Ellenburger well, we drill stem tested to the Drinkard and it had 81 barrels of oil in two hours with no water.

Q To refer to the Coates "C" No. 10 well, what is the situation in that well?

A That is an Ellenburger well, no zones were tested in that well, although both the Drinkard and the Fusselman were encountered and had good staining odor in the drilling cuttings.

Q Are there other oil dual completions in this neighborhood?

A Yes, there are three. The east offset, Western Natural Wimberley No. 4, is a dual Drinkard-Wimberley well.

MR. NUTTER: Would that be the west offset?

A Yes. Granted by Order 1122; and the northwest diagonal offset, Western Natural Wimberley No. 3, is a dual Drinkard-Fusselman, granted by Order R-1123; and then the northeast diagonal offset, Tidewater's A. B. Coates "C" No. 8, is a dual Drinkard-McKee

granted by Order R-1041.

(Tidewater's Exhibit No. 2  
marked for identification.)

Q Now would you please refer to what has been marked as Tidewater's Exhibit No. 2, and please describe to the Commission the proposed mechanical features of the dual completion.

A We propose to set 7-inch casing at approximately 7200 feet, and we will perforate the Drinkard section at approximately 5875 to 5900, and the Fusselman from 6665 to 6765. There will be a Baker Model "D" production packer set at 6565, and the well will be completed with parallel 2-3/8 EUE strings of tubing.

Q Do you have any particular comment on the type of packer that is proposed to be used?

A This is a permanent-type packer, that is to say, it has to be drilled to be removed from the hole, and it is the same type packer that has been used in other duals in this area with good results.

Q Did you give the inside diameter of the tubing?

A No, sir, that is nominal 2-inch.

Q 2-inch?

A Yes, sir.

Q What about the surface connections?

A The Drinkard zone and the Fusselman zone will have separate flow lines and storage facilities so that normal test or any other tests deemed necessary by the Commission can be taken.



Q If permission is given to complete in this manner, could you give us some comparison of well costs for the Drinkard well and the Fusselman well?

A Yes, sir, in this area we anticipate that a Drinkard well, a single completion, that is, using 5-1/2 inch casing, would run around \$110,000, and that of a Fusselman around \$130,000. We estimate that this dual will cost us \$165,000 or result in a savings of \$75,000.

Q What do you anticipate the gas-oil ratio to be in the Drinkard?

A By other Drinkard wells in the area, we anticipate the gas-oil ratio for the Drinkard to be approximately 1125 cubic feet per barrel. That was determined by a test from our Coates "C" No. 8 Drinkard section.

Q And what about the Fusselman?

A The Fusselman, the two producing wells in the Fusselman, the average gas-oil ratio is 357 cubic feet per barrel. That is the average between Western Natural Wimberley No. 3 and Wimberley No. 4.

Q Is there any significant difference in the gravity of the oil from the two formations?

A Approximately two degrees. The average gravity of the Fusselman oil is some 36 degrees API and that for the Drinkard, approximately 38 degrees API.

Q Would you comment on the relative pressures between the

two zones there?

A From the Western Natural Wimberley well, the bottom-hole pressure at a datum of minus 2800 is 2610, and for the Fusselman at the datum of minus 3900 is 2806, or a differential of 196 pounds, the Fusselman being the high pressure.

Q The difference across the packer would be --

A (Interrupting) 196 pounds.

Q -- somewhere less than 200 pounds?

A Yes.

Q Is that well within the limits of the type of packer that you propose to use?

A Yes, a Baker Model "D" packer will stand many times this differential.

Q Will this method of completion permit packer leakage tests to be taken in a normal manner?

A Yes, sir.

Q In your opinion, will this installation if approved be in the interest of conservation and will protect correlative rights?

A Yes, sir, it will.

Q Do you have any other comments, Mr. Miller, concerning this proposed completion?

A No, sir.

Q Is there anything out of the ordinary in connection with the completion or the formations in this area?

A No, sir, there is not.

Q Do you anticipate any mechanical problems?

A Not from the well being a dual completion, no, sir.

MR. SETH: We would like, if the Commission please, to offer Exhibits 1 and 2.

MR. NUTTER: Is there objection to the introduction of Tidewater's Exhibits 1 and 2? If not, they will be received.

MR. SETH: That's all the direct.

MR. NUTTER: Does anyone have any questions of this witness?

CROSS EXAMINATION

By MR. NUTTER:

Q Mr. Miller, one question. Where do you anticipate that the top of the cement will be after you have cemented this 7-inch piping?

A On our A. B. Coates "C" No. 8, we cemented that 7-inch with 800 sacks of cement in two stages, and found the top of the cement by temperature survey at 2990, which is approximately 400 feet above the shoe in the intermediate string, thereby overlapping by approximately 400 feet, and we anticipate this well will be the same.

Q You would cement with sufficient cement that it would circulate well above the perforations in the Drinkard?

A Oh, yes, sir.

MR. NUTTER: Any further questions of Mr. Miller? If not, he may be excused.

(Witness excused.)

MR. NUTTER: Does anyone have anything further they wish to offer in Case 1434? We will take the case under advisement.

\* \* \* \* \*

C E R T I F I C A T E

STATE OF NEW MEXICO     )  
                                  ) ss  
COUNTY OF BERNALILLO    )

I, ADA DEARNLEY, 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 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 and Seal this 12<sup>th</sup> day of May, 1958, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

Ada Dearnley  
NOTARY PUBLIC

My commission expires:

June 19, 1959.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 1434, heard by me on 5-6, 19 58.

Arthur, Examiner  
New Mexico Oil Conservation Commission

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. 1434  
Order No. R-1183

APPLICATION OF TIDEWATER OIL COMPANY  
FOR AN OIL-OIL DUAL COMPLETION IN THE  
DRINKARD FORMATION ADJACENT TO THE  
JUSTIS-DRINKARD POOL AND IN THE JUSTIS-  
FUSSELMAN POOL IN LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 6, 1958, at Santa Fe, 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 26<sup>th</sup> day of May, 1958, 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, Tidewater Oil Company, is the owner and operator of the Coates "C" Well No. 11, located 1990 feet from the North line and 1650 feet from the West line of Section 24, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant proposes to dually complete the said Coates "C" Well No. 11 in such a manner as to permit the production of oil from the Drinkard formation adjacent to the Justis-Drinkard Pool and to permit the production of oil from the Justis-Fusselman Pool through parallel strings of 2 3/8-inch EUE 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 not cause waste nor impair correlative rights.

IT IS THEREFORE ORDERED:

That the applicant, Tidewater Oil Company, be and the same is hereby authorized to dually complete its Coates "C" Well No. 11, located 1980 feet from the North line and 1650 feet from the West line of Section 24, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of oil from the Drinkard formation adjacent to the Justis-Drinkard Pool and to permit the production of oil from the Justis-Fusselman Pool through parallel strings of 2 3/8-inch EUE tubing.

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 either or both of the separate strata,

PROVIDED HOWEVER, That prior to the actual dual completion the operator shall make pressure tests of the casing to prove that no casing leaks exist. In the event a casing leak is apparent the operator shall take appropriate steps to adequately repair the leak. The results of these tests shall be reported to the Commission on Form C-103.

PROVIDED FURTHER, That upon the actual dual completion of such subject well applicant shall submit to the appropriate District Office of the Commission copies of Oil Conservation Commission Form C-103, Form C-104, Form C-110, and Form C-122, outlining the information required on those forms by existing Rules and Regulations, and two copies of the electric log of the well.

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 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, oil, or oil and gas from each separate stratum may be accurately measured and the gas-oil or gas-liquid ratio thereof determined, and

PROVIDED FURTHER, That the operator shall make any and all tests, including segregation and packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Justis-Fusselman Pool, commencing in the year 1959, and whenever the packer is disturbed, but not excluding any other tests and/or determinations 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, shall be filed with the Commission within fifteen (15) 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 (15) days of the dual completion or whenever the packer is disturbed, and

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 or gas-liquid ratio, and reservoir pressure determination for 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

*E. L. Mechem*

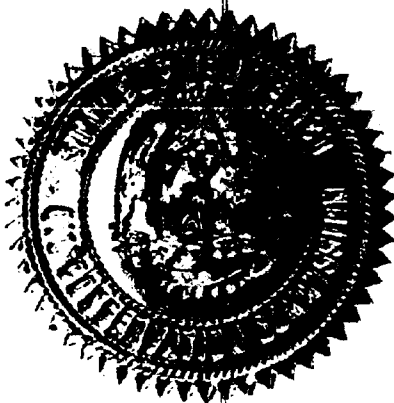
EDWIN L. MECHEM, Chairman

*Murray E. Morgan*

MURRAY E. MORGAN, Member

*A. L. Porter, Jr.*

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



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

May 27, 1958

C  
O  
P  
Y

Mr. Oliver Seth  
Seth & Montgomery  
P.O. Box 828  
Santa Fe, New Mexico

Dear Mr. Seth:

On behalf of your client, Tidewater Oil Company, we enclose two copies of Order R-1183 issued May 26, 1958, by the Oil Conservation Commission in Case 1434, which was heard on May 6th at Santa Fe before an examiner.

Very truly yours,

A. L. Porter, Jr.  
Secretary - Director

bp  
Encls.



OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

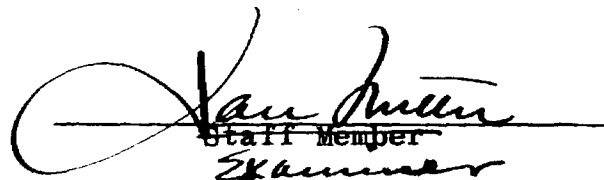
Date 5/9/58

CASE NO. 1434

HEARING DATE 9:00 A.M. May 6 - DSN at SF

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

I recommend the approval of the dual completion requested by Tidewater Oil Company in the subject case. Applicant proposes to produce both zones through 2 3/8 inch J-55 EUE tubing, separating the two zones by means of a Packer Model D Production Packer. There is a considerable difference in the GOR and a 2 degree difference in the gravity of the two zones to make any packer leak readily observed. The difference in the bottom hole pressures is not of such magnitude as to be injurious to the packer.

  
Staff Member  
Examiner

Case 1434

NEW MEXICO  
OIL CONSERVATION COMMISSION  
P. O. Box 871  
Santa Fe, New Mexico

Date April 18, 1958

Mr. Oliver Seth  
Seth & Montgomery  
Box 828  
Santa Fe, New Mexico

Gentlemen:

Your application ~~for~~ on behalf of Tidewater Oil Company for an oil-oil  
dual completion of its Coates "C" Well No. 11

~~dated~~ received April 17, 1958 has been received, and has been tentatively  
scheduled for hearing before an examiner on  
May 6, 1958

A copy of the docket will be forwarded to you as soon as the matter is  
advertised.

Very truly yours,

  
A. L. PORTER, Jr.,  
Secretary-Director

ga

DOCKET: EXAMINER HEARING MAY 6, 1958

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

The following cases will be heard before Daniel S. Nutter, Examiner:

- CASE 1425: Application of Continental Oil Company for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 160-acre non-standard gas proration unit in the Tubb Gas Pool consisting of the E/2 E/2 of Section 14, Township 21 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the applicant's Lockhart B-14 "A" Well No. 2, located 660 feet from the South and East lines of said Section 14.
- CASE 1426: Application of Neville G. Penrose for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 120-acre non-standard gas proration unit in the Blinebry Gas Pool consisting of the S/2 SE/4 and SE/4 SW/4 of Section 17, Township 21 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the applicant's Percy Hardy No. 1 Well, located 660 feet from the South line and 1980 feet from the West line of said Section 17.
- CASE 1427: Application of Pan American Petroleum Corporation for approval of a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 480-acre non-standard gas proration unit in the Eumont Gas Pool consisting of the N/2 and SE/4 of Section 24, Township 20 South, Range 36 East, Lea County, New Mexico, said unit to be dedicated to the applicant's O. J. Gillully "A" No. 4 Well, located 660 feet from the North line and 1980 feet from the East line of said Section 24.
- CASE 1428: Application of E. G. Rodman for the approval of a communitization agreement and for a forced pooling order. Applicant, in the above-styled cause, seeks an order approving a communitization agreement embracing the NW/4 and the W/2 NE/4 of Section 20, Township 21 South, Range 37 East, Lea County, New Mexico, as to dry gas and associated liquid hydrocarbons produced from said tract from the Eumont Gas Pool; and further, for an order force pooling the interests of all persons in the above-described tract who have not voluntarily subscribed to above-referenced communitization agreement.
- CASE 1429: Application of Standard Oil Company of Texas for a dual completion and for permission to commingle the production from two common sources of supply. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its V. L. Leavitt No. 2 Well, located 1650 feet from the North line and 2310 feet from the West line of Section 13, Township 18 South, Range 26 East, Eddy County, New Mexico, in such a manner as to permit the production of oil from the Atoka-Grayburg Pool and oil from the Atoka (San Andres Pool) through parallel strings of tubing; and further, for permission to commingle the production from the said V. L. Leavitt No. 2 Well from both of the above-described pools in common tankage.

CASE 1429  
Continued

after separately measuring the oil from each of said pools by means of volume type meters.

CASE 1430:

Application of El Paso Natural Gas Company for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 331-acre non-standard gas proration unit in the Blanco Mesaverde Gas Pool consisting of the W/2 of Partial Section 6 and the NW/4 of Partial Section 7, Township 30 North, Range 8 West, San Juan County, New Mexico, said unit to be dedicated to the applicant's Howell No. 2-G Well located 990 feet from the South and West lines of said Section 6.

CASE 1431:

Application of Skelly Oil Company for a dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its P. L. Davis Well No. 1, located 990 feet from the North and East lines of Section 26, Township 26 North, Range 11 West, San Juan County, New Mexico, in such a manner as to permit the production of gas from an undesignated Gallup gas pool and gas from an undesignated Dakota gas pool underlying the above-described area.

CASE 1432:

Application of King Oil Company for approval of three unorthodox gas well locations. Applicant, in the above-styled cause, seeks an order authorizing the unorthodox gas well locations for the following described wells:

Navajo A-1 Well, located 2310 feet from the South line and 2310 feet from the West line of Section 4, Township 30 North, Range 17 West;

Navajo A-2 Well, located 1650 feet from the North line and 330 feet from the East line of Section 4, Township 30 North, Range 17 West;

Navajo B-2 Well, located 660 feet from the South line and 660 feet from the East line of Section 34, Township 31 North, Range 17 West,

all in San Juan County, New Mexico.

- CASE 1433: Application of Graridge Corporation to expand a pilot water flood project in the Caprock Queen Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order permitting the expansion of the pilot water flood project authorized by Order No. R-972 in the North Caprock Queen Unit in the Caprock-Queen Pool, Lea County, New Mexico, to include eight additional water injection wells in Sections 30, 31, and 32 of Township 12 South, Range 32 East, Lea County, New Mexico.
- CASE 1434: Application of Tidewater Oil Company for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Coates "C" Well No. 11, located 1980 feet from the North line and 1650 feet from the West line of Section 24, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Drinkard formation adjacent to the Justis-Drinkard Pool and oil from the Justis-Fusselman Pool through parallel strings of tubing.
- CASE 1435: Application of Continental Oil Company for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 320-acre non-standard gas proration unit in the Eumont Gas Pool consisting of the SE/4 of Section 5 and the NE/4 of Section 8, all in Township 21 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the applicant's Hawk A-8 No. 2 Well located 660 feet from the North line and 1980 feet from the East line of said Section 8.
- CASE 1436: Application of Amerada Petroleum Corporation for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 320-acre non-standard gas proration unit in the Bagley-Upper Pennsylvanian Gas Pool consisting of the SE/4 of Section 3 and the NE/4 of Section 10, all in Township 12 South, Range 33 East, Lea County, New Mexico, said unit to be dedicated to the applicant's Amerada Mathers No. 2 Well located in the SE/4 SE/4 of said Section 3.
- CASE 1437: Application of Continental Oil Company for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 320-acre non-standard gas proration unit in the Jalmat Gas Pool consisting of the N/2 of Section 7, Township 23 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the applicant's Stevens B-7 Unit Well No. 1 located 990 feet from the North and West lines of said Section 7.
- CASE 1438: Application of Monsanto Chemical Company for an unorthodox gas well location. Applicant, in the above-styled cause, seeks an order authorizing an unorthodox gas well location for its Viersen Well No. 1 at a point 660 feet from the North and East lines of Section 19, Township 30 North, Range 13 West, San Juan County, New Mexico.

ir/

BEFORE THE OIL CONSERVATION COMMISSION  
OF NEW MEXICO

IN THE MATTER OF THE APPLICATION  
OF TIDEWATER OIL COMPANY FOR AN  
EXCEPTION TO RULE 112-A FOR ITS  
TIDEWATER NUMBER 11 COATES "C"  
SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 24, Township 25  
South, Range 37 East, N.M.P.M.,  
JUSTIS DRINKARD AND JUSTIS  
FUSSELMAN FIELDS.

*adj. to Justice Dr  
in Justice Fusselman*

A P P L I C A T I O N

Tidewater Oil Company respectfully requests that the Oil Conservation Commission of New Mexico grant an exception to its Rule 112-A to permit an oil-oil dual completion of its Tidewater Number 11 Coates "C" Well in the Justis Drinkard and Justis Fusselman Fields, SE $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 24, Township 25 South, Range 37 East, Lea County, New Mexico, and in support of its application for such an exception states:

1. The said Tidewater Number 11 Coates "C" Well is located 1650 feet FWL and 1980 feet FNL of Section 24, Township 25 South, Range 37 East, Lea County, New Mexico. The well was spudded April 11, 1958 and is expected to be completed about May 20, 1958.

2. It is expected that this well will be drilled to an approximate depth of 7200 feet, and the Drinkard and Fusselman pay zones are expected to be encountered in this well, and both of said zones are expected to be productive in this location.

3. The applicant proposes to run a production casing string of seven-inch OD casing. To complete the well it is proposed to run two parallel strings of "full opening" two-inch

tubing and set a Baker Model D production packer between the productive zones. This method of completion will provide effective separation of the two producing horizons and is in accordance with similar oil-oil dual completions in this same area.

4. The surface equipment and connections will be so arranged that separate testing of the separate strings of tubing and the packer as may be requested from time to time by the Commission will be feasible.

There is attached to this application a copy of a plat showing the location of the proposed well, together with the names of off-set operators. There is also attached to this application a diagrammatic sketch of the proposed installation.

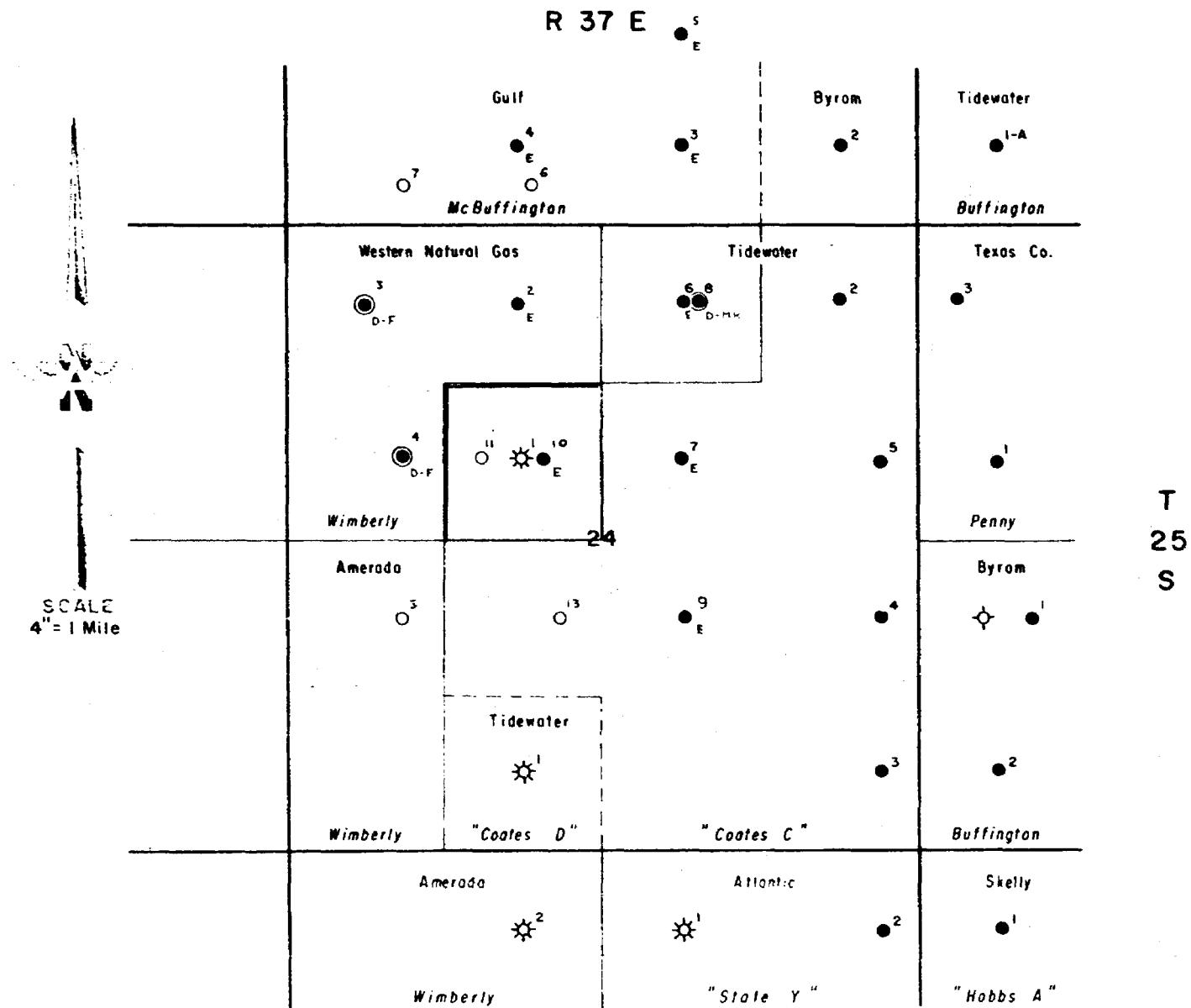
Respectfully submitted,

TIDEWATER OIL COMPANY

By



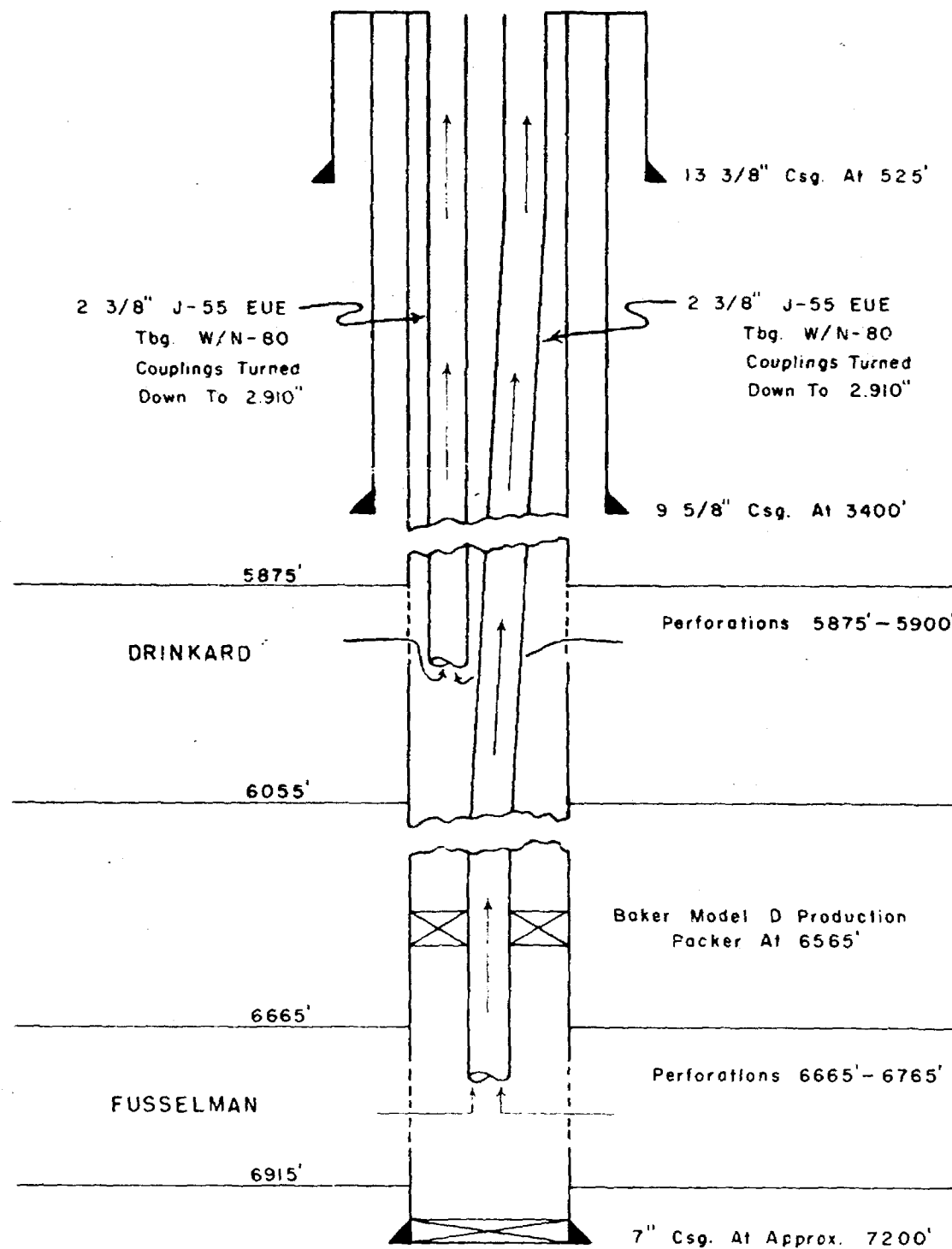
Its Attorneys



LEA COUNTY  
NEW MEXICO

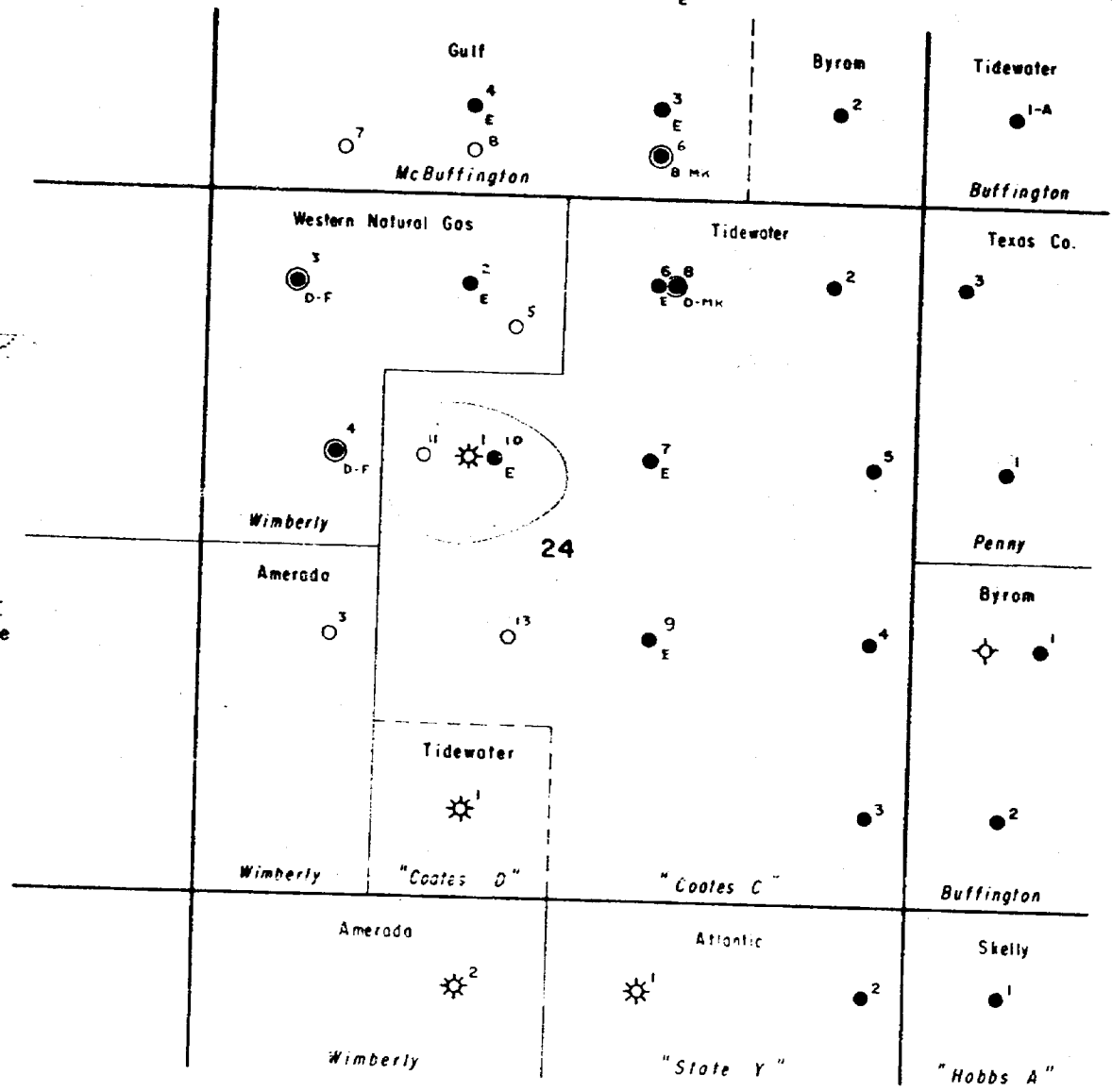


TIDEWATER OIL COMPANY  
 DIAGRAMMATIC SKETCH DUAL COMPLETION INSTALLATION  
 PROPOSED WELL A. B. COATES "C" NO. 11



DEPOSE EXAMINED NUTTER  
 OR CORRECTED TRUTH COMMISSION  
 Exhibit NO. 1  
 CASE NO. 1432

R 37 E

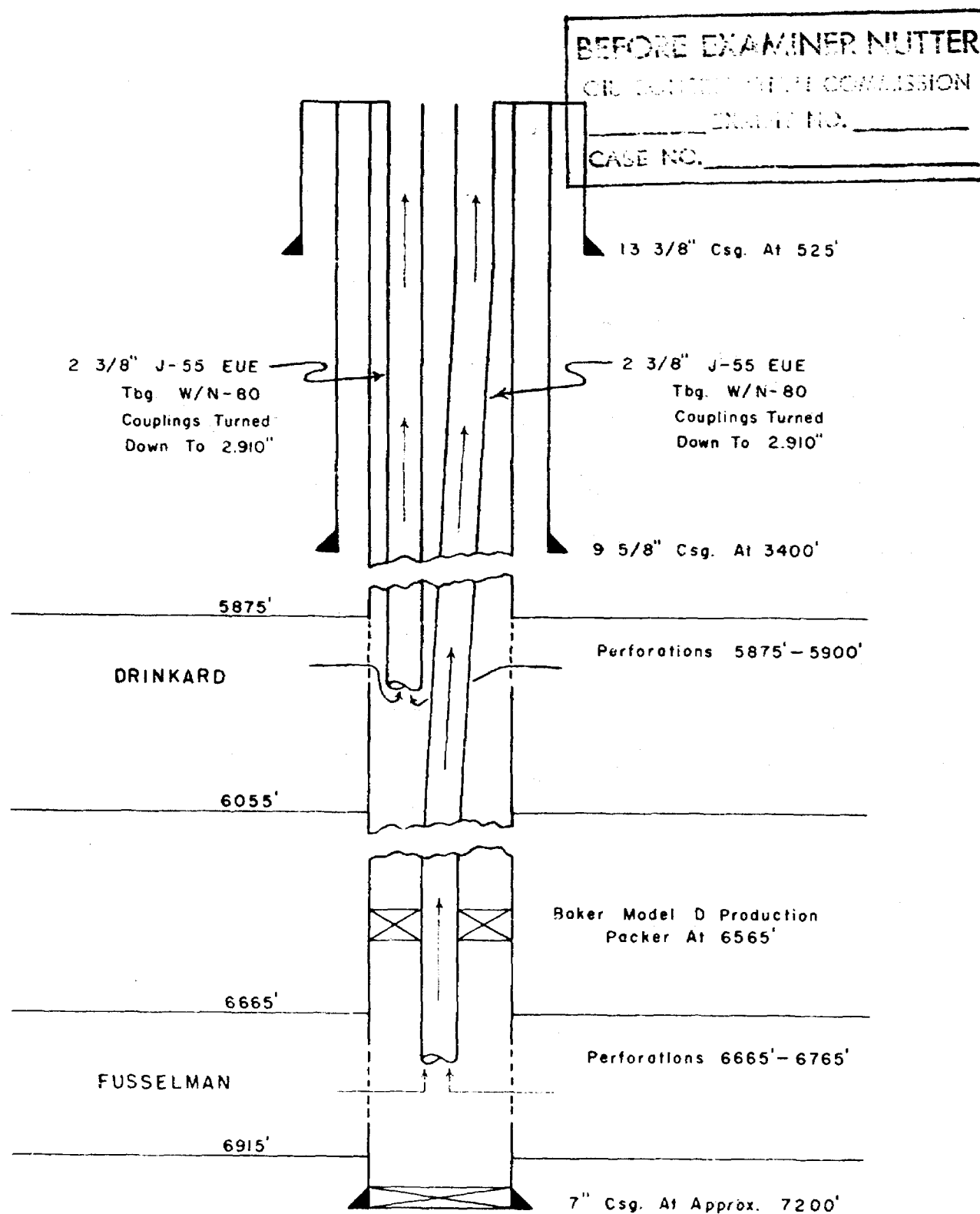


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Tidewater Exhibit No. 1  
 Case 1434

LEA COUNTY  
 NEW MEXICO

TIDEWATER OIL COMPANY  
 DIAGRAMMATIC SKETCH DUAL COMPLETION INSTALLATION  
 PROPOSED WELL A. B. COATES "C" NO. 11



*Tidewater Exhibit No. 2  
 Case 1434*