

CASE 2464: Application of AMERADA
for a triple completion of its
STATE NJ "A" WELL NO. 1.

- a 52 / 1 / 0.

2464

lication, Transcript,

all Exhibits, Etc.

Case 2467

GENERAL OFFICE
Box 2040
TULSA 2, OKLA.

AMERADA PETROLEUM CORPORATION
Box 668
HOBBS, NEW MEXICO

November 5, 1962

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

Re: Revised Schematic Diagram
State NJ "A" No. 1
Lea County, New Mexico

Gentlemen:

Commission Order No. R-2164 dated January 17, 1962 granted Amerada Petroleum Corporation permission to triple complete its State NJ "A" No. 1, located in Unit A Sec. 2-T25S-R37E, Lea County, New Mexico. Initial completion, as granted, was in the McKee, Fusselman and Ellenburger reservoirs of the North Justis Field. Subsequent changes in nomenclature required work to be done on the well and it is now completed as a dual producer in the McKee and Ellenburger reservoirs.

For your information, a revised schematic diagram showing present status of the well is attached.

Yours very truly,

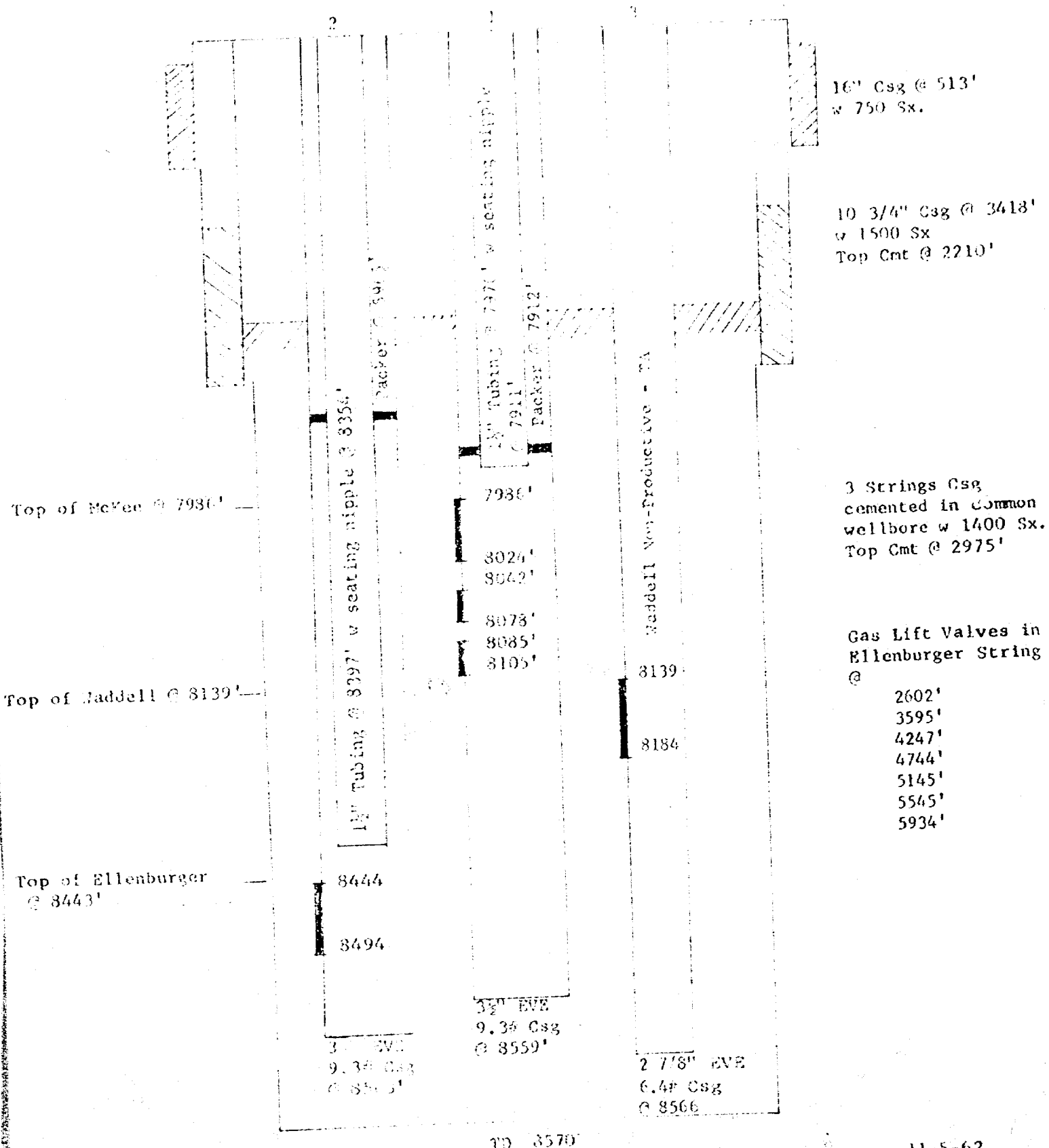
D. C. Capps
D. C. Capps
District Superintendent

AES:br

cc: New Mexico Oil Conservation Commission (2)
P. O. Box 2045
Hobbs, New Mexico

Mr. H. A. Nedom
J. O. Hathaway
J. E. Newkirk
J. R. Enloe
A. J. Troop
C. R. Andrist
B. A. Moore
File

NEBRASKA PETROLEUM CORPORATION
 MECHANICAL DEPARTMENT OF MULTIPLE COMPLETION
 STATE OF NEBRASKA
 PRODUCTION NO. 2 - T253 - R3/E
 LEA COUNTY, NEB. MEXICO



11-5-62

No. 1-62

DOCKET: EXAMINER HEARING - THURSDAY - JANUARY 4, 1962

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM
STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, as alternate examiner:

CASE 2448: (Continued)

Application of Pan American Petroleum Corporation for a pressure maintenance project, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks permission to institute a pressure maintenance project on its C. J. Holder, State Holder Oil Unit, State "CA", State Oil Unit and Gallegos Canyon Unit Leases, San Juan County, New Mexico, in the Cha Cha-Gallup Oil Pool with water injection initially to be through five wells located in Sections 8 and 16, Township 28 North, Range 13 West, and Section 23, Township 28 North, Range 12 West, and requests adoption of special rules to govern the operation of said project.

CASE 2449: (Continued)

Application of Pan American Petroleum Corporation for a pressure maintenance project, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks permission to institute a pressure maintenance project on its Navajo Tribal "H" and Gallegos Canyon Unit Leases, San Juan County, New Mexico, in the Totah-Gallup Oil Pool with water injection initially to be through five wells located in Section 35, Township 29 North, Range 13 West, Section 12, Township 28 North, Range 13 West, and Sections 13 and 24, Township 29 North, Range 14 West, and requests adoption of special rules to govern the operation of said project.

CASE 2429: (Continued)

Application of Standard Oil Company of Texas for approval of the Jurnegan Point Unit Agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Jurnegan Point Unit Agreement embracing 10,240.84 acres, more or less, of State and fee lands in Township 24 South, Ranges 24 and 25 East, Eddy County, New Mexico.

CASE 2452: (Continued)

Application of Southwest Production Company for an order pooling all mineral interests in the Basin-Dakota Gas Pool in the W/2 of Section 7, Township 30 North, Range 11 West, San Juan County, New Mexico. Interested parties include Maleta Y. Brimhall, Phoenix, Arizona, and Barbara Brimhall Burnham, Aztec, New Mexico.

CASE 2463:

Application of Amerada Petroleum Corporation for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its L. M. Lambert Well No. 2, located in Unit G of Section 6, Township 20 South, Range 37 East, Lea County, New Mexico, as a dual completion (conventional) in the Grayburg and McKee zones in the Monument Field, with the production of gas from the Grayburg zone to be through a string of 1 1/2-inch tubing and the production of gas from the McKee zone to be through a parallel string of 2 3/8-inch tubing.

CASE 2464:

Application of Amerada Petroleum Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its State NJ "A" Well No. 1, located in Unit A of Section 2, Township 25 South, Range 37 East, Lea County, New Mexico, as a triple completion (combination) in the McKee, Fusselman and Ellenburger zones in the North Justis Field, with the production of oil from the Fusselman and Ellenburger zones to be through tubing installed within parallel strings of 3 1/2-inch casing and the production of oil from the McKee zone to be through a parallel string of 2 7/8-inch casing, all of said casing strings to be cemented in a common well bore.

CASE 2465:

Application of Skelly Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Hobbs "N" Well No. 1, located in Unit D of Section 8, Township 18 South, Range 35 East, Lea County, New Mexico, as a dual completion (conventional) in the Vacuum-Abo Pool and in an undesignated Drinkard pool, with the production of oil from both zones to be through parallel strings of 2 1/16-inch tubing.

CASE 2466:

Application of Shell Oil Company for a 320-acre non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to establish a

320-acre non-standard gas proration unit in the Eumont Gas Pool, comprising the S/2 of Section 22, Township 21 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the Turner Well No. 7, located at an unorthodox location 1650 feet from the South line and 330 feet from the West line of said Section 22.

CASE 2467: Application of Shell Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Livingston Well No. 12, located 4620 feet from the South line and 660 feet from the East line of Section 4, Township 21 South, Range 37 East, Lea County, New Mexico, as a dual completion (tubingless) in the Drinkard and Blinebry Oil Pools, with the production of oil from both zones to be through parallel strings of 2 7/8-inch casing cemented in a common well bore.

CASE 2468: Application of Shell Oil Company for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Livingston Well No. 11, located 3300 feet from the South line and 660 feet from the West line of Section 3, Township 21 South, Range 37 East, Lea County, New Mexico, as a triple completion (tubingless) in the Drinkard Oil, Tubb Gas and Blinebry Oil Pools, with the production of oil from the Drinkard and Blinebry zones and the production of gas from the Tubb zone to be through parallel strings of 2 7/8-inch casing cemented in a common well bore.

CASE 2469: Application of El Paso Natural Gas Company for an order establishing special rules and regulations for the Lusk-Strawn Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order establishing special rules and regulations for the Lusk-Strawn Pool, Lea County, New Mexico, including provisions for 160-acre proration units and a limiting gas-oil ratio of 4000 to 1.

CASE 2470: Application of J. R. Cone for a 40-acre non-standard gas proration unit and for an exception to Order No. R-1670, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of a 40-acre non-standard gas proration unit in the Blinebry Gas Pool comprising the NE/4 SE/4 of Section 21, Township 21 South, Range 37 East, Lea

County, New Mexico, said unit to be dedicated to the Anderson Well No. 2, located 1650 feet from the South line and 330 feet from the East line of said Section 21. Applicant further seeks an exception to Rule 34 (A) of the special rules and regulations for the Blinebry Gas Pool as contained in Order No. R-1670, to permit the gas produced from said Anderson Well No. 2 to be produced into a low-pressure separator only.

CASE 2471:

Application of Leonard Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Federal Ginsberg Well No. 8, located in Unit M of Section 31, Township 25 South, Range 38 East, Lea County, New Mexico, as a dual completion (conventional) in the Langlie-Mattix and Justis-Blinebry Pools, with the production of oil from both zones to be through parallel strings of 2 3/8-inch tubing, separation of the zones to be by a liner re-entry shoe seal assembly.

CASE 2472:

Application of Newmont Oil Company for approval of a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the West Loco Hills Grayburg No. 4 Sand Unit Agreement, covering 5320 acres, more or less, in Townships 17 and 18 South, Ranges 29 and 30 East, Eddy County, New Mexico.

CASE 2473:

Application of Newmont Oil Company for expansion of its Loco Hills Waterflood Project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks permission to expand its Loco Hills Waterflood Project to include the proposed West Loco Hills Grayburg No. 4 Sand Unit Area, comprising 5320 acres, more or less, in Townships 17 and 18 South, Ranges 29 and 30 East, Eddy County, New Mexico.

320-acre non-standard gas proration unit in the Eumont Gas Pool, comprising the S/2 of Section 22, Township 21 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the Turner Well No. 7, located at an unorthodox location 1650 feet from the South line and 330 feet from the West line of said Section 22.

CASE 2467:

Application of Shell Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Livingston Well No. 12, located 4620 feet from the South line and 660 feet from the East line of Section 4, Township 21 South, Range 37 East, Lea County, New Mexico, as a dual completion (tubingless) in the Drinkard and Blinebry Oil Pools, with the production of oil from both zones to be through parallel strings of 2 7/8-inch casing cemented in a common well bore.

CASE 2468:

Application of Shell Oil Company for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Livingston Well No. 11, located 3300 feet from the South line and 660 feet from the West line of Section 3, Township 21 South, Range 37 East, Lea County, New Mexico, as a triple completion (tubingless) in the Drinkard Oil, Tubb Gas and Blinebry Oil Pools, with the production of oil from the Drinkard and Blinebry zones and the production of gas from the Tubb zone to be through parallel strings of 2 7/8-inch casing cemented in a common well bore.

CASE 2469:

Application of El Paso Natural Gas Company for an order establishing special rules and regulations for the Lusk-Strawn Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order establishing special rules and regulations for the Lusk-Strawn Pool, Lea County, New Mexico, including provisions for 160-acre proration units and a limiting gas-oil ratio of 4000 to 1.

CASE 2470:

Application of J. R. Cone for a 40-acre non-standard gas proration unit and for an exception to Order No. R-1670, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of a 40-acre non-standard gas proration unit in the Blinebry Gas Pool comprising the NE/4 SE/4 of Section 21, Township 21 South, Range 37 East, Lea

BEFORE THE 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. 2464
Order No. R-2164

APPLICATION OF AMERADA PETROLEUM
CORPORATION FOR A TRIPLE COMPLE-
TION, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on January 4, 1962, 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 17th day of January, 1962, 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, Amerada Petroleum Corporation, is the owner and operator of the State NJ "A" Well No. 1, located in Unit A of Section 2, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant seeks permission to complete said State NJ "A" Well No. 1 as a triple completion (combination) in the McKee, Fusselman and Ellenburger formations adjacent to the North Justis Field, in such a manner as to permit the production of oil from the Fusselman and Ellenburger zones through tubing installed within parallel strings of 3 1/2-inch casing and the production of oil from the McKee zone through a parallel string of 2 7/8-inch casing, all of said casing strings to be cemented in a common well bore.

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

(5) That approval of the subject application will neither cause waste nor impair correlative rights.

-2-

CASE No. 2464
Order No. R-2164

IT IS THEREFORE ORDERED:

(1) That the applicant, Amerada Petroleum Corporation, is hereby authorized to complete its State NJ "A" Well No. 1, located in Unit A of Section 2, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, as a triple completion (combination) in the McKee, Fusselman and Ellenburger formations adjacent to the North Justis Field in such a manner as to permit the production of oil from the Fusselman and Ellenburger zones through tubing installed within parallel strings of 3 1/2-inch casing and the production of oil from the McKee zone through a parallel string of 2 7/8-inch casing, all of said casing strings to be cemented in a common well bore.

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

PROVIDED FURTHER, That the operator shall conduct zone segregation tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Ellenburger zone, and at such other times as the Secretary-Director of the Commission may prescribe.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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


STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



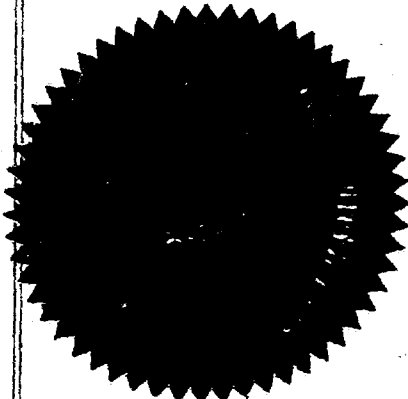
EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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



esr/

GOVERNOR
EDWIN L. MECHEM
CHAIRMAN

State of New Mexico
Oil Conservation Commission

LAND COMMISSIONER
E. S. JOHNNY WALKER
MEMBER



STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 871
SANTA FE

January 17, 1962

Mr. Jason Kellahin
Kellahin & Fox
Box 1713
Santa Fe, New Mexico

2463 and 2464
Re: CASE NO. R-2163 and R-2164
ORDER NO. _____
APPLICANT:
AMERADA

Dear Sir:

Enclosed herewith are two copies of the above-referenced
Commission order recently entered in the subject case.

Very truly yours,

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

ir/

Carbon copy of order also sent to:

Hobbs OCC X
Artesia OCC _____
Aztec OCC _____

OTHER _____

JASON W. KELLAHIN
ROBERT E. FOX

KELLAHIN AND FOX
ATTORNEYS AT LAW
54 1/2 EAST SAN FRANCISCO STREET
POST OFFICE BOX 1713
SANTA FE, NEW MEXICO

YUCCA 3-9396
YUCCA 2-2991

December 20, 1961

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Earlier this month application was filed with the Oil Commission for approval of a triple completion of Amerada Petroleum Corporation's State NJ "A" No. 1 Well, Sec. 2-25S-37E, Lea County, New Mexico, and on December 12, I filed an amended application, changing the formations in which the proposed triple is to be completed.

Attached are amended exhibits, showing the diagrammatic sketch of the proposed completion to conform to the amended application. I would appreciate it if you would substitute these for the exhibits attached to the original application.

Very truly yours,

Jason W. Kellahin
JASON W. KELLAHIN

jwk:mas

cc: Mr. Andy Snyder

enclosures - 3 diagrammatic sketches

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 4, 1962

EXAMINER HEARING

IN THE MATTER OF:

Application of Amerada Petroleum Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its State NJ "A" Well No. 1, located in Unit A of Section 2, Township 25 South, Range 37 East, Lea County, New Mexico, as a triple completion (combination) in the McKee, Fusselman and Ellenburger zones in the North Justis Field, with the production of oil from the Fusselman and Ellenburger zones to be through tubing installed within parallel strings of 3 1/2-inch casing and the production of oil from the McKee zone to be through a parallel string of 2 7/8-inch casing, all of said casing strings to be cemented in a common well bore.

CASE NO.
2464

BEFORE:

Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING

MR. NUTTER: Case 2464.

MR. WHITFIELD: Application of Amerada Petroleum Corporation for a triple completion, Lea County, New Mexico.

MR. KELLAHIN: If the Examiner, please, could the record show the same appearances as in Case 2463. The record

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691



will also show that the witness has been sworn.

MR. NUTTER: Yes, sir.

A. E. SNYDER,

recalled as a witness, having been previously sworn, testified as follows:

DIRECT EXAMINATION

BY MR. KELLAHIN:

Q Are you the same Mr. Snyder who testified in the preceding case?

A Yes, sir.

Q Are you familiar with the application of Amerada Petroleum in Case 2464?

A Yes, sir.

Q Will you state what is proposed by Amerada in this case?

A This particular case is an application for the triple completion of Amerada's State NJ "A" No. 1, located in Unit A, Section 2, Township 25 South, Range 37 East, Lea County, New Mexico. This triple completion is for completion in the Fusselman Oil zone, the McKee Oil zone, and the Ellenburger Oil zone.

Q Do you have a plat showing the area involved?

A Yes, sir.

(Whereupon, Applicant's Exhibit No. 1 marked for identification.)

Q Referring to what has been marked as Amerada's Exhibit

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182ALBUQUERQUE, N. M.
PHONE 243-6691

No. 1, will you discuss the information shown on that exhibit?

A Exhibit No. 1 is a plat of the area involved and what is commonly known as the North Justis Field of Lea County, New Mexico. Amerada 40 acre NJ "A" lease is outlined in red and located in the Northeast, Northeast of Section 2, Township 25 South, Range 37 East. The wells that have been completed in other zones are noted in the surrounding leases.

Q Is the ownership of this lease common throughout for all zones, Mr. Snyder?

A Yes, sir.

Q Do you have a diagrammatic sketch of the proposed completion?

A Yes, sir.

(Whereupon, Applicant's Exhibit No. 2 marked for identification.)

Q Referring to what has been marked as Exhibit No. 2, will you discuss the information shown on that exhibit?

A Exhibit No. 2 is the diagrammatic sketch of equipment in this well, NJ "A" No. 1. The top of the sketch shows 16-inch casing set at 513 feet and cemented with 750 sacks. The next string of casing was 10 3/4-inch set at 3418 feet, cemented with 1500 sacks of cement and we found the top of the cement there at 2210 feet. Then, a 9 7/8-inch hole was drilled and three strings of casing were set in this hole. Casing string No. 1 in the center of the diagram was set, 3 1/2-inch casing set at 8559 feet; casing string No. 2 also 3 1/2-inch casing on the left of



the diagram was set at 8563 feet, Casing String No. 3, 2 7/8-inch casing on the right of the diagram was set at 8566 feet. These three casing strings each had from about 3400 feet total depth and they were all three cemented in the common well bore by pumping 1500 sacks of cement through Casing String No. 1 and 2. We then found the top of the cement from this work at 2975 feet casing string.

MR. NUTTER: What was the top again?

A 2975.

MR. NUTTER: Thank you.

A After the cement had set for about 72 hours, we then went in Casing String No. 3 and squeezed through the bottom of it with 50 sacks. We reached a maximum pressure of 5000 pounds and had to move some of the cement out, only got about 28 sacks actually out of the pipe. The perforations starting with the Fusselman zone 7042 feet to 7074 in Casing String No. 1 and 1 1/2-inch tubing set at 7040 feet in that string. In Casing String No. 2, the Ellenburger zone perforation 8444 to 8494. This string also has 1 1/2-inch tubing set at 8468 feet. Casing String No. 3 will be the McKee completion. It has perforations 8139 to 8184 feet.

Q What is the present status of this well, Mr. Snyder?

A This well has been drilled and completed as shown in Exhibit No. 2.

Q I note you used tubing in the Ellenburger and Fusselman but not the McKee. What's the reason for that?

DEARNLEY-MEIER REPORTING SERVICE, INC.

ALBUQUERQUE, N. M.
PHONE 243-4731



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691

A Our object for running larger casing in the Ellenburger and Fusselman zones normally we expect those two zones to produce considerable water sometime in their life and we will need tuck to artificially lift the larger volumes of fluid where the McKee probably will not have to have large volumes of fluid lifted.

Q Do you have a log of the well?

A Yes, sir.

(Whereupon, Applicant's Exhibit No. 3 marked for identification.)

Q Referring to what has been marked as Exhibit No. 3, will you discuss the information shown on that exhibit?

A Exhibit No. 3 is a log of the well and on this log I have marked the top of the three zones under consideration. The top of the Fusselman zone is at 6894 feet. I have shown the perforated interval from 7042 to 7074, top of the McKee zone at 7985 feet with perforations from 8139 to 8184, and top of the Ellenburger zone at 8443, with perforations from 8444 to 8494.

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

A Yes, sir.

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

MR. NUTTER: Amerada's Exhibits 1 through 3 will be



admitted in evidence.

(Whereupon, Applicant's Exhibits
1 through 3 admitted in evidence.)

Q (By Mr. Kellahin) Do you consider the approval of
this application to be in the interest of conservation and the
prevention of waste, Mr. Snyder?

A Yes, sir.

MR. KELLAHIN: That's all I have.

MR. NUTTER: Does anyone have any questions of Mr.
Snyder?

CROSS EXAMINATION

BY MR. NUTTER:

Q Do you have any bottom hole pressure gravity and GOR
information on these zones?

A I have a little bit of production information, no
bottom hole information, we haven't taken that yet. The Fussel-
man zone flowed 132 barrels of oil in ten hours on a 20-64
choke, with a GOR of 423. That was not cleaned up good at the
time and we did not take a gravity on it. The Ellenburger zone
flowed 396 barrels of 47.3 degree oil in 24 hours, with a GOR
of 721.

MR. NUTTER: 721?

A Yes, the McKee zone flowed 153 barrels of 44 degree
oil in nine hours, with a GOR of 1247.

MR. NUTTER: Are there any further questions of Mr.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325.1182

ALBUQUERQUE, N. M.
PHONE 243.6691



Snyder? He may be excused.

(Witness excused.)

MR. NUTTER: Do you have anything further Mr. Kellahin?

MR. KELLAHIN: That's all.

MR. NUTTER: Does anyone have anything further to offer in Case 2464? We will take the case under advisement.

* * * *

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss.

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission, at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill, and ability.

IN WITNESS WHEREOF, I have affixed my hand and notarial seal this 4th day of January, 1962.

Ada Dearnley
COURT REPORTER-NOTARY PUBLIC

My commission expires:

June 19, 1963

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 2464, 1962, heard by me on 1/4.

W. J. [Signature], Examiner
New Mexico Oil Conservation Commission

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691



10a

would you please submit
this for the application
previously filed?

The diagrams and notes attached
will have to be changed, but I
have the information as to format,
type & proportions if needed for
the test - advertisement

Jasen Kullak

December 6, 1961

IN THE MATTER OF THE APPLICATION OF
AMERADA PETROLEUM CORPORATION FOR
AN ORDER PERMITTING THE TRIPLE COM-
PLETION OF ITS STATE NJ "A" WELL NO.
1, LOCATED IN UNIT A, SECTION 2-T25S--
R37E, LEA COUNTY, NEW MEXICO IN THE
NORTH JUSTIS MCKEE, FUSSELMAN AND
ELLENBURGER POOLS.

Case No. 2460

A P P L I C A T I O N

Applicant, Amerada Petroleum Corporation, states that

1. Applicant is the owner and operator of the State NJ "A" Lease consisting of the NE NE Section 2-T25S-R37E, Lea County, New Mexico.
2. Subject well encountered the numerous pays normally found in the North Justis Area. This application is for the purpose of securing approval for a triple completion in the McKee, Fusselman and Ellenburger zones.
3. Two strings of 3-1/2" casing and one string of 2-7/8" casing will be cemented in the common well bore with top of cement being above all potential pays. The Fusselman and Ellenburger formations will be produced through individual strings of 3-1/2" casing, and the McKee formation will be produced through the 2-7/8" string of casing.
4. All standards adopted by the Commission concerning completion and production practices shall be adhered to. Such completion will maintain separation in the several common sources of supply in a manner that will prevent waste and protect the rights of all parties concerned.
5. A multiple completion has not previously been approved in the zones under consideration. Hearing is also required in this matter due to two strings of tubing being smaller than 1.670" I.D.
6. Attached are copies of the Commission's Multiple Completion Form, Plat of Area and Diagrammatic Sketch of the proposed completion.

Applicant requests that this matter be set for hearing before an examiner, that notice of the hearing be given as required by law, and that, upon conclusion of the hearing, the Commission enter its order authorizing the proposal set forth above.

Respectfully submitted,

AMERADA PETROLEUM CORPORATION

By Jason W. Hellahin
HELLAHIN & FOX
P. O. Box 1713
Santa Fe, New Mexico

ATTORNEYS FOR APPLICANT

*Docket
Mailed
12-20-61*

NEW MEXICO OIL CONSERVATION COMMISSION

PAGE 1 of 2

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION *Case 2464*

Field Name		County		Date
North Justis		Lea		December 6, 1961
Operator		Lease		Well No.
AMERADA PETROLEUM CORPORATION		State NJ "A"		1
Location of Well	Unit	Section	Township	Range
	A	2	25S	37E

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	Middle Zone Zone
a. Name of reservoir	McKee	Waddell
b. Top and Bottom of Pay Section (Perforations)	7986' to 8105'	8139' to 8184'
c. Type of production (Oil or Gas)	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Flow	Flow

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

- yes a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- yes b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- no c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
- no d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Texaco, Inc.	P. O. Box 3109	Midland, Texas
Gulf Oil Corporation	P. O. Box 1150	Midland, Texas
J. C. Williamson	608 V & J Tower	Midland, Texas
Elwin & Hale	P. O. Box 667	Hobbs, New Mexico
Shell Oil Company	P. O. Box 845	Roswell, New Mexico

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

CERTIFICATE: I, the undersigned, state that I am the _____ of the _____ (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

- * 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 perforation unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

NEW MEXICO OIL CONSERVATION COMMISSION

PAGE 2 of 2

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name		North Justis		County	Lea	Date	December 6, 1961
Operator		AMERADA PETROLEUM CORPORATION		Lease		State NJ "A"	
Location of Well		Unit	A	Section	2	Township	25S
						Range	37E

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 _____
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		Ellenburger
b. Top and Bottom of Pay Section (Perforations)		8444' to 8494'
c. Type of production (Oil or Gas)		Oil
d. Method of Production (Flowing or Artificial Lift)		Flow

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

- _____ 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.
- _____ 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.
- _____ 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.*
- _____ 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.)

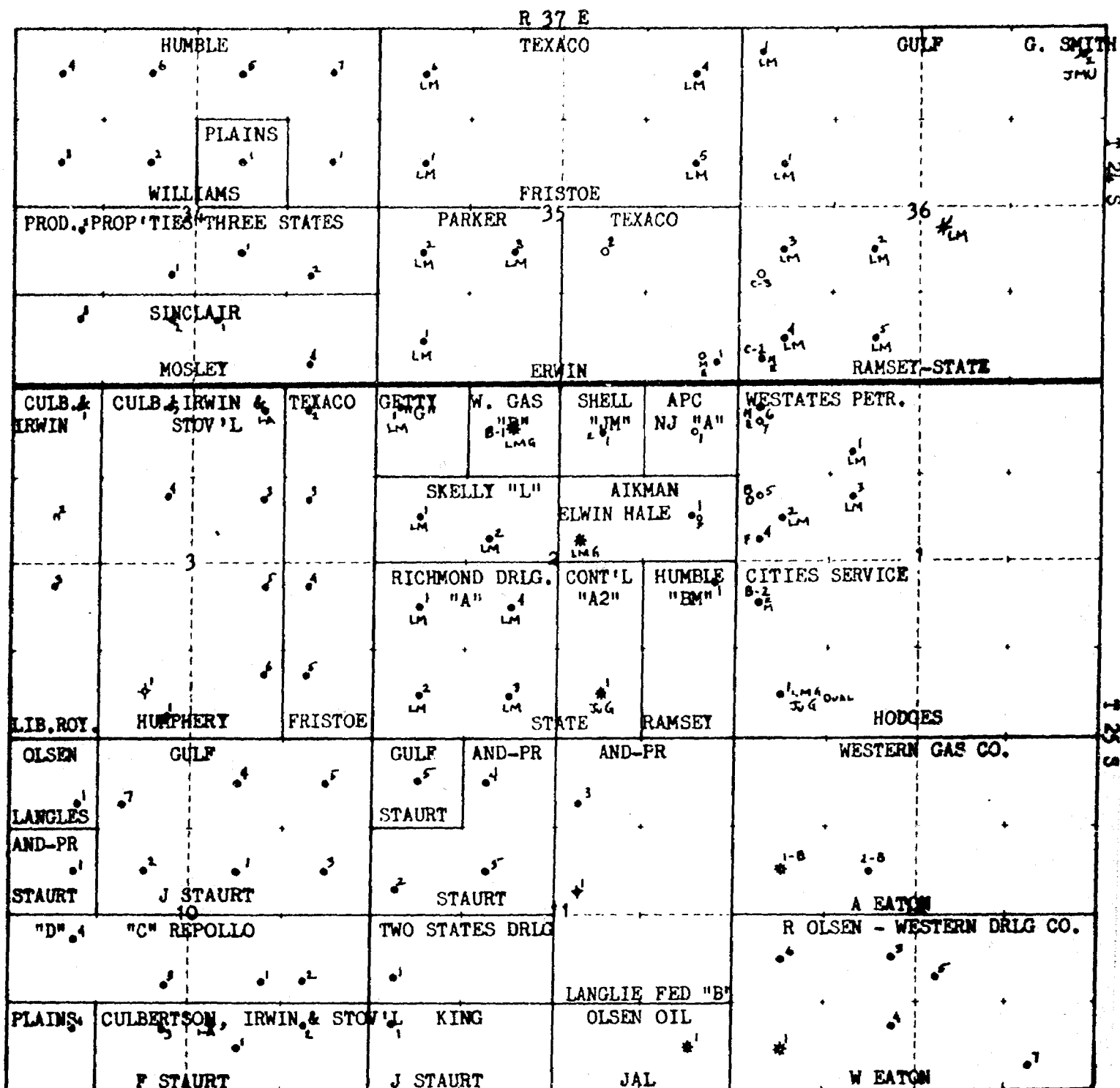
5. List all offset operators to the lease on which this well is located together with their correct mailing address.

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

CERTIFICATE: I, the undersigned, state that I am the District Superintendent of the AMERADA PETROLEUM CORPORATION (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.

D.C. Cappe
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.



AMERADA P-480

1 INCH = 2000 FT.

LMG Langlie Mattix Gas
 LM Langlie Mattix
 J-6 Justis Gas
 B Blinbry
 D Drinkard
 F Fusselman
 M McKee
 E Ellenburger

FIELD NORTH JUSTIS AREA

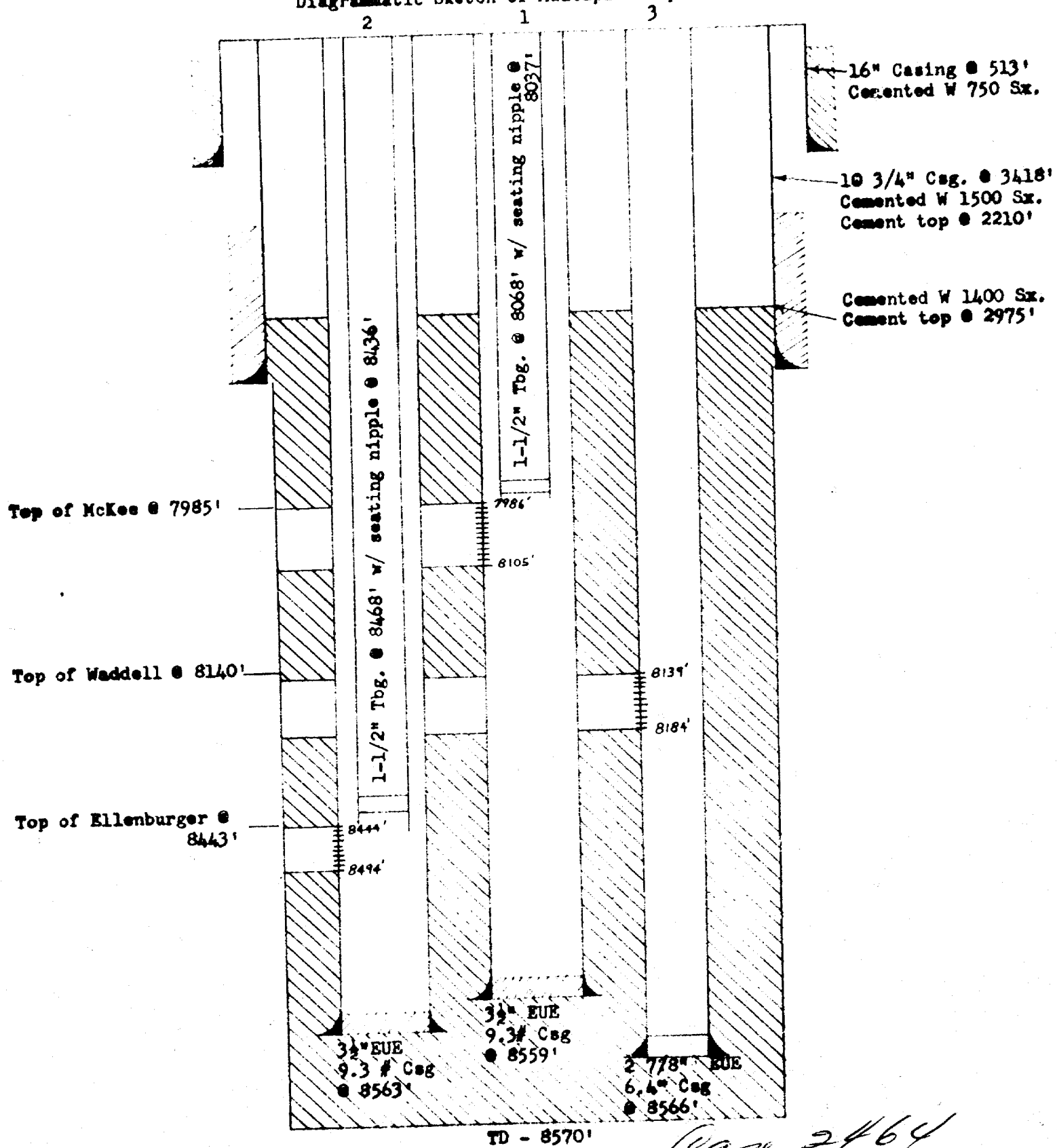
STATE NEW MEXICO

COUNTY LEA

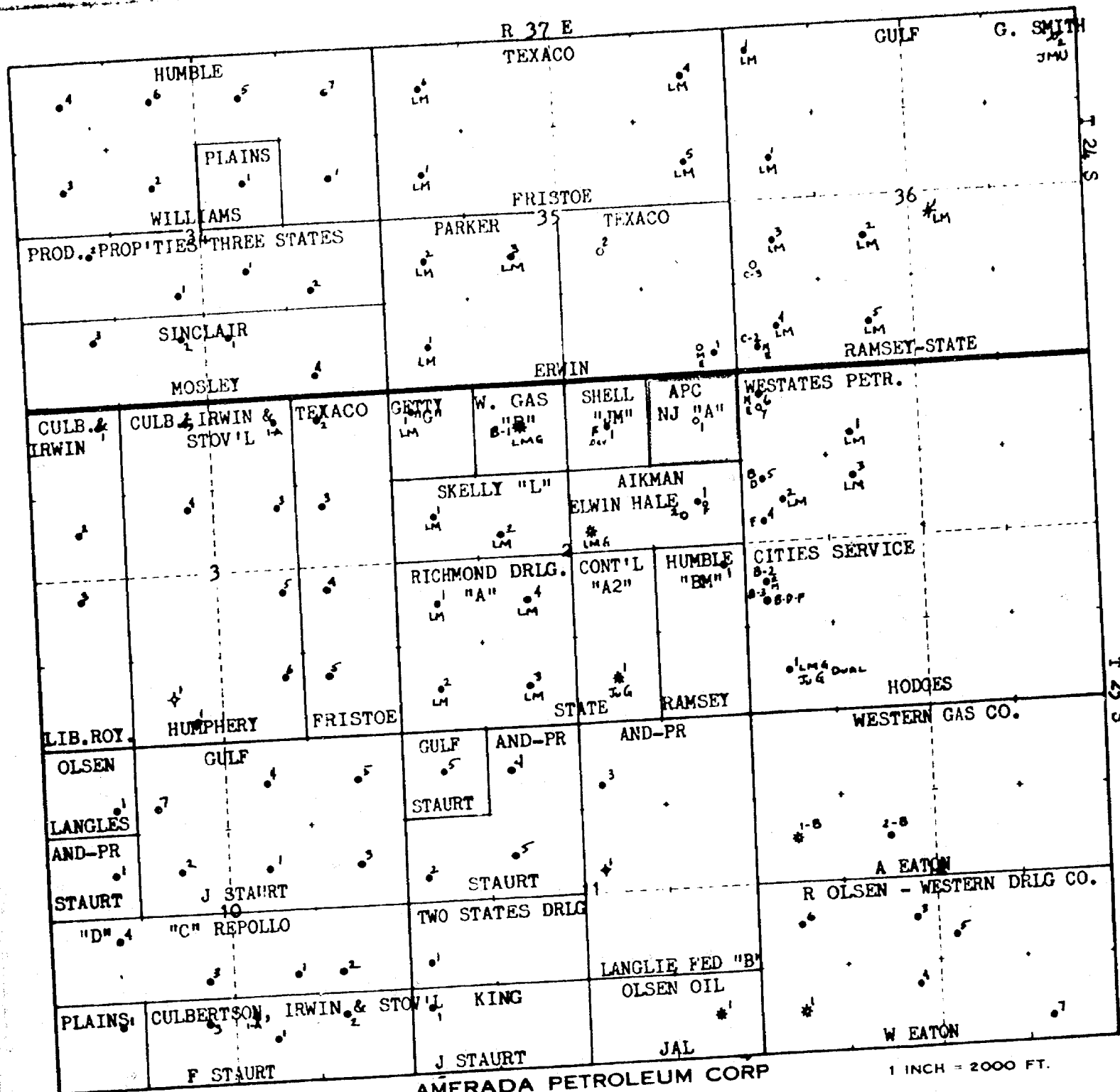
Case 2464

AMERADA PETROLEUM CORPORATION
 State NJ "A" No. 1
 Unit "A" Sec. 2 -T25S - R37K
 Lea County, New Mexico

Diagrammatic Sketch of Multiple Completion



Case 2464



AMERADA P-480

LMG Langlie Mattix Gas
 LM Langlie Mattix
 J-6 Justis Gas
 B Blinbry
 D Drinkard
 F Fusselman
 M McKee
 E Ellenburger

FIELD NORTH JUSTIS AREA
 STATE NEW MEXICO
 COUNTY LEA

UNIT "A" No. 1
UNIT "A" No. 2-238-237E
Los Angeles, New Mexico

2 1 3

