

CASE 5914: ATLANTIC RICHFIELD COMPANY
FOR AN UNORTHODOX OIL WELL LOCATION,
LEA COUNTY, NEW MEXICO

Case Number

5914

Application

Transcripts

Small Exhibits

ETC.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
May 11, 1977

EXAMINER HEARING

IN THE MATTER OF:

Application of Atlantic Richfield) CASE
Company for an unorthodox oil well) 5914
location, Lea County, New Mexico.)

BEFORE: Richard L. Stamets, Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil Conservation Commission: Lynn Teschendorf, Esq.
Legal Counsel for the Commission
State Land Office Building
Santa Fe, New Mexico

For the Applicant: Clarence E. Hinkle, Esq.
HINKLE, COX, EATON, COFFIELD
& HENSLEY
Attorneys at Law
Hinkle Building
Roswell, New Mexico

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General Court Reporting Service
825 Calle Meja, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

I N D E X

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3	<u>CRIS G. RHODES</u>	
4	Direct Examination by Mr. Hinkle	3

EXHIBIT INDEX

	<u>Offered</u>	<u>Admitted</u>
10 Arco Exhibit One, Form C-102	5	10
11 Arco Exhibit Two, Plat	5	10
12 Arco Exhibit Three, Plat	6	10
13 Arco Exhibit Four, Map	7	10
14 Arco Exhibit Five, Cross Section	8	10

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1 MR. STAMETS: We will call next Case 5914.

2 MS. TESCHENDORF: Case 5914, application of Atlantic
3 Richfield Company for an unorthodox oil well location, Lea
4 County, New Mexico.

5 MR. STAMETS: Call for appearances.

6 MR. HINKLE: Clarence Hinkle, Hinkle, Cox, Eaton,
7 Coffield and Hensley of Roswell appearing on behalf of Atlantic
8 Richfield. We have one witness and five exhibits.

9 (THEREUPON, the witness was duly sworn.)

10
11 CRIS G. RHODES

12 called as a witness, having been first duly sworn, was examined
13 and testified as follows:

14
15 DIRECT EXAMINATION

16 BY MR. HINKLE:

17 Q State your name, your residence and by whom you are
18 employed?

19 A Cris Rhodes, Midland, Texas, employed by Atlantic
20 Richfield Company.

21 Q What is your position with Atlantic Richfield?

22 A I'm classified as an Operations Engineer.

23 Q Have you ever testified before the Commission?

24 A No, sir.

25 Q State briefly your educational background and your

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1 experience as a petroleum engineer.

2 A I was graduated from Texas A & M University in August
3 of 1974. On September 3rd, 1974 I went to work for Atlantic
4 Richfield Company in Houston as an operations engineer. I was
5 transferred to Midland, Texas in August of 1975 where I have
6 worked since, all with production in southeastern Lea County,
7 New Mexico.

8 Q Have you made a study of the area that is involved
9 in this case?

10 A yes, I have.

11 MR. HINKLE: Are his qualifications acceptable?

12 MR. STAMETS: What was your degree in, Mr. Rhodes?

13 MR. RHODES: Bachelor of Science in Mechanical
14 Engineering.

15 MR. STAMETS: Yes, the witness is considered
16 qualified.

17 Q (Mr. Hinkle continuing.) Have you prepared or has
18 there been prepared under your direction and supervision
19 certain exhibits for introduction in this case?

20 A Yes, sir.

21 Q The ones that have been marked One through Five?

22 A Yes, sir.

23 Q Are you familiar with the application of Atlantic
24 Richfield?

25 A Yes, sir.

1 Q What is it seeking to accomplish?

2 A Atlantic Richfield Company seeks approval for an
3 unorthodox location of its Wimberly WN Well No. 11 to be
4 located nine hundred and ninety feet from the north line and
5 fourteen hundred and ninety feet from the west line of Section
6 24, Township 25 South, Range 37 East, Justis-Fusselman Pool,

7 Q Refer to Exhibit One and explain what this is and
8 what it shows?

9 A Exhibit One is a Form C-102 showing the location
10 of this well in Unit letter C of Section 24, Township 25 South,
11 Range 37 East in Lea County. It is designated as our
12 Wimberly WN Well No. 11. The dark outline shows the hundred
13 and twenty acre portion of our lease with the hatch marks around
14 the forty-acre tract in which this development oil well will
15 be located. The distances are fourteen hundred and ninety feet
16 from the west line and nine hundred and ninety feet from the
17 north line which isn't an orthodox location due to not being
18 three thirty from the quarter-quarter corner.

19 Q Now, refer to Exhibit Two and explain this?

20 A Exhibit Number Two also shows this well marked by
21 the bright orange dot on our Wimberly lease. All of the wells
22 spotted in are all the producing wells from the Fusselman whether
23 they are previously produced or are currently producing and it
24 shows all of the offset operators around our lease.

25 Q Now refer to Exhibit Three and explain that?

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1 A Exhibit Number Three primarily is the same, it
2 shows all of the wells that have ever been produced from the
3 Fusselman and our bright orange dot indicates our proposed
4 location. The numbers beside each well on the top left indicate
5 the current oil production, the top right indicates the current
6 water production, both in barrels per day, and on the bottom is
7 cumulative oil production in thousands of barrels.

8 Q What acreage does Atlantic Richfield own where the
9 well is located there?

10 A In Section 24 we have a hundred and twenty acres and
11 in Section 23 we have another one hundred and twenty acre portion
12 of the Wimberly lease which is not connected physically, however,
13 it all produces into the same battery.

14 Q What is the status of the Atlantic Richfield wells
15 within that one hundred and twenty acres?

16 A The No. 5 Well has one time produced from the Fusselman
17 and it is plugged back and is now producing from the Justis-
18 Blinebry. The No. 2 Well is completed in the Justis-Montoya
19 and previously produced from the Fusselman and it is currently
20 shut in awaiting a recompletion attempt. The No. 6 Well is
21 currently producing from the Fusselman. The last test indicated
22 somewhere near a hundred and thirty barrels of oil a day and
23 seven hundred barrels of water per day, producing by gas lift.
24 The No. 3 Well at one time produced from the Fusselman and is
25 currently producing from the Justis-Blinebry. The No. 4 Well

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1 is producing from the Justis-Fusselman. The latest test
2 indicates ten barrels of oil and four hundred and ninety barrels
3 of water per day.

4 There is one more well that has never produced from
5 the Fusselman on this one hundred and twenty acre lease, which
6 is not shown. It is directly west of the No. 2 Well and it is
7 completed in the Justis-Blaine.

8 Q Now refer to Exhibit Number Four and explain what
9 this shows?

10 A Exhibit Number Four is a map showing this one hundred
11 and twenty acre portion of our lease with the contour lines
12 being contoured on top of the Fusselman formation. On the
13 right-hand side the hatch mark lines show the truncation of the
14 Fusselman formation in this area and to the west it is dipping
15 steeply and when you get to about the middle of the page where
16 the red dot indicates our proposed location you encounter some
17 erosion on top of the Fusselman formation which occurred when
18 this formation was laid down and it becomes an erosional
19 surface heading west until you get to this truncation mark
20 where the formation is completely eroded away and the Montoya
21 formation sub-crops from beneath the Fusselman on the extreme
22 right-hand edge of our lease.

23 The Fusselman formation in this area is primarily
24 a strong water drive with the water encroaching up the structure
25 from the west as was evidenced in one of the other exhibits,

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1 the No. 6 Well producing from the Fusselman to the northwest
2 where our proposed location has already encountered approxi-
3 mately eighty percent water production. We feel that this
4 location is the most strategic position to take advantage of
5 the strong water drive that has been proven through the data
6 that we found from offset production history that when you get
7 over on this erosional surface towards the east side of our
8 lease that some of the effects of the water drive are lost and
9 the production has not been near as good over on this erosional
10 surface and hasn't had the strong effects of the water drive.

11 The No. 2 and the No. 5 Wimberly Wells on our lease
12 at one time produced from the Fusselman and neither of these
13 wells encountered the strong effects of the water drive.

14 If we move this location too far to the east we don't
15 get the most efficient recovery of our reserves and if we move
16 it to the west we encounter too much water. We anticipate that
17 we will be able to recover more than a hundred thousand barrels
18 of new reserves with this location, it being the most strategic
19 position to get the most efficient recovery of these reserves.

20 Q Refer to Exhibit Five and explain what that shows?

21 A Exhibit Number Five is a cross section through our
22 Wimberly lease and on the bottom left you can see which wells
23 the cross section was drawn through. This erosional surface
24 that I referred to earlier is the top ripple mark on top of
25 Silurian-Fusselman-Montoya formations. As you can see, you

1 head from west, which is the left side of the exhibit, to the
2 east, being the right side. The Fusselman formation with the
3 erosion sub-crops from beneath the Silurian and as you encounter
4 where the formations are going up to the east, the Montoya
5 formation sub-crops from underneath the Fusselman.

6 Our proposed location should encounter very little
7 erosion on the Fusselman formation yet be updip from our No. 6
8 Well which has encountered a strong water drive so we feel
9 that we will get the strong effects of the water drive and yet
10 not lose our good reservoir characteristics due to this
11 erosional surface and, therefore, get the water drive.

12 Q The water drive is from the west going up structure?

13 A Yes, sir. Looking over on the west side the water
14 drive is coming up the Fusselman structure from the west to
15 the east, I mean from the left to the right.

16 Q Do you have any further comments with respect to this
17 exhibit?

18 A No.

19 Q Your Exhibit Two shows all of the offset owners?

20 A Yes, sir, that is correct.

21 Q Did Atlantic Richfield furnish all of the offset
22 operators with copies of this application in this case?

23 A Yes, sir.

24 Q Did you receive any response from any of them?

25 A No, sir.

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1 Q No protests?

2 A No, sir.

3 Q If this application is approved, in your opinion
4 would it be in the interest of conservation, prevent waste and
5 protect correlative rights?

6 A Yes, sir.

7 MR. HINKLE: We would like to offer Exhibits One
8 through Five.

9 MR. STAMETS: These exhibits will be admitted.

10 (THEREUPON, Atlantic Richfield Exhibits One
11 through Five were admitted into evidence.)

12 MR. STAMETS: Are there any questions of the witness?
13 He may be excused.

14 (THEREUPON, the witness was excused.)

15 MR. STAMETS: Is there anything further in this
16 case?

17 MR. HINKLE: That's all I have.

18 MR. STAMETS: The case will be taken under advise-
19 ment.

20 We will take a five minute recess at this point.

21 (THEREUPON, the hearing was in recess.)
22
23
24
25

REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand Reporter,
do hereby certify that the foregoing and attached Transcript
of Hearing before the New Mexico Oil Conservation Commission
was reported by me, and the same is a true and correct record
of the said proceedings to the best of my knowledge, skill and
ability.

Sidney F. Morrish
Sidney F. Morrish, C.S.R.

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I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 5914
heard by me on 5-4-77
Richard L. Stant, 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 NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 5914
Order No. R-5430

APPLICATION OF ATLANTIC RICHFIELD
COMPANY FOR AN UNORTHODOX OIL WELL
LOCATION, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 11, 1977,
at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 24th day of May, 1977, the Commission, a
quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, 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, Atlantic Richfield Company, seeks
approval of an unorthodox oil well location for its Wimberly WN
Well No. 11 to be located 990 feet from the North line and 1490
feet from the West line of Section 24, Township 25 South, Range
37 East, NMPM, Justis-Fusselman Pool, Lea County, New Mexico.

(3) That the NE/4 NW/4 of said Section 24 is to be dedicated
to the well.

(4) That a well at said unorthodox location will better
enable applicant to produce the oil underlying the proration unit.

(5) That no offset operator objected to the proposed
unorthodox location.

(6) That approval of the subject application will afford
the applicant the opportunity to produce its just and equitable
share of the oil in the subject pool, will prevent the economic
loss caused by the drilling of unnecessary wells, avoid the
augmentation of risk arising from the drilling of an excessive
number of wells, and will otherwise prevent waste and protect
correlative rights.

-2-

Case No. 5914
Order No. R-5430

IT IS THEREFORE ORDERED:

(1) That an unorthodox oil well location is hereby approved for the Atlantic Richfield Company Wimberly WN Well No. 11 to be located at a point 990 feet from the North line and 1490 feet from the West line of Section 24, Township 25 South, Range 37 East, NMPM, Justis-Fusselman Pool, Lea County, New Mexico.

(2) That the NE/4 NW/4 of said Section 24 shall be dedicated to the above-described well.

(3) 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


Phil R. Lucero
PHIL R. LUCERO, Chairman

Emery C. Arnold
EMERY C. ARNOLD, Member

Joe D. Ramey
JOE D. RAMEY, Member & Secretary

S E A L

jr/

NE MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

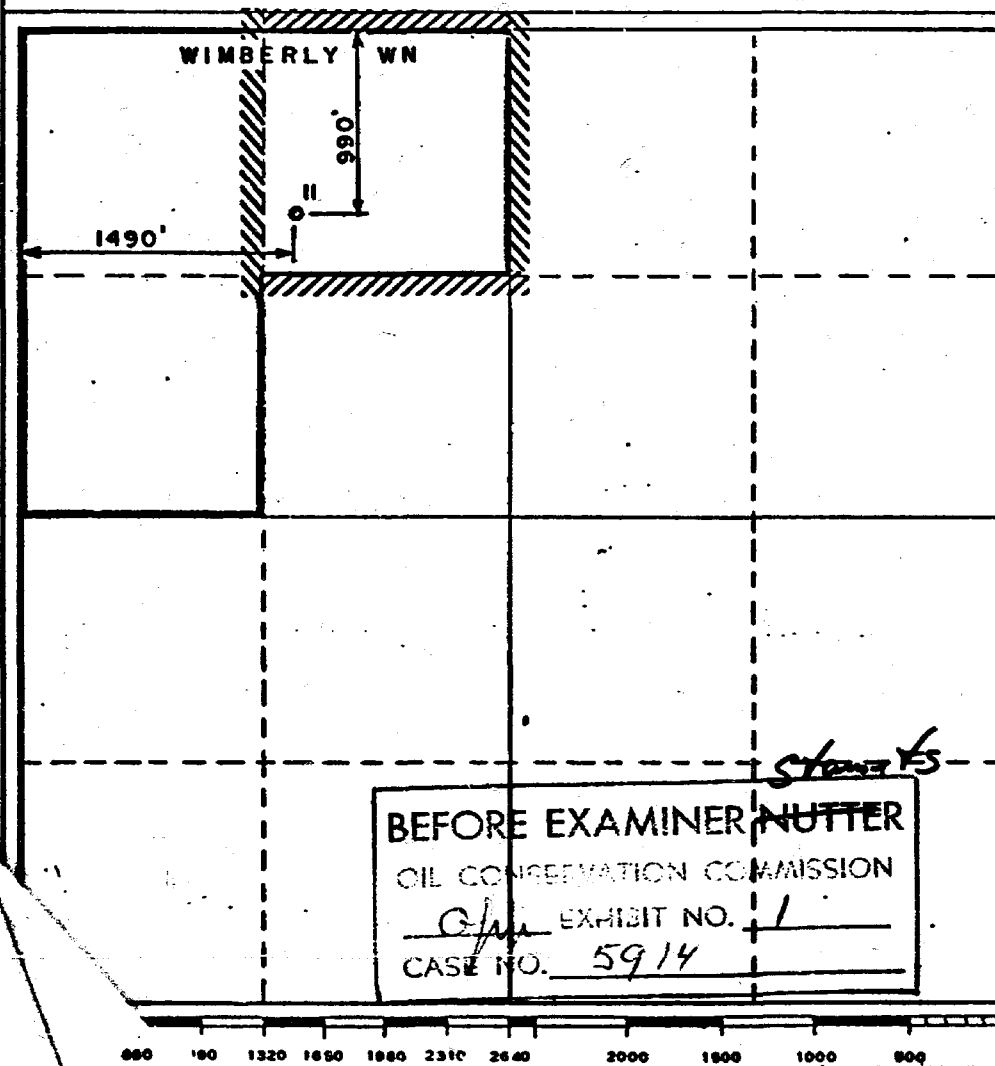
Operator Atlantic Richfield Company			Lease Wimberly WN		Well No. 11
Unit Letter C	Section 24	Township 25 South	Range 37 East	County Lea	
Actual Footage Location of Well: 990 feet from the north line and 1490 feet from the west line					
Ground Level Elev. 3067.9'	Producing Formation		Pool	Dedicated Acreage: Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Cris G. Rhodes

Name
Cris G. Rhodes
Position
Operations Engineer
Company
Atlantic Richfield Company
Date
April 11, 1977

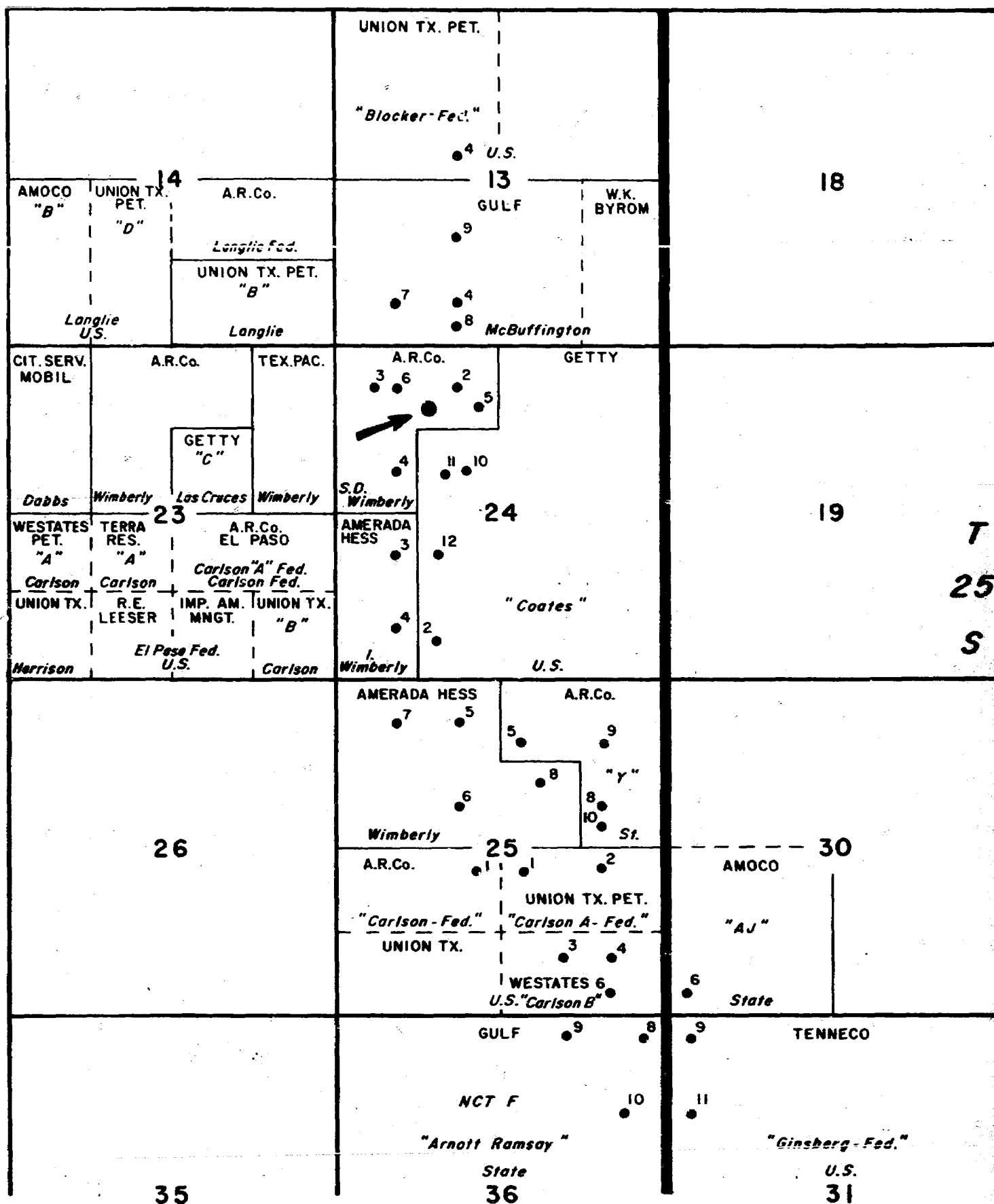
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
Registered Professional Engineer and/or Land Surveyor

Certificate No.

R 37 E

R 38 E



BEFORE EXAMINER ~~NUTTER~~
OIL CONSERVATION COMMISSION
CH EXHIBIT NO. 2
CASE NO. 5914

Atlantic Richfield Company
North American Producing Division
Permian District Midland, Texas

JUSTIS
FUSSELMAN POOL
LEA COUNTY, NEW MEXICO

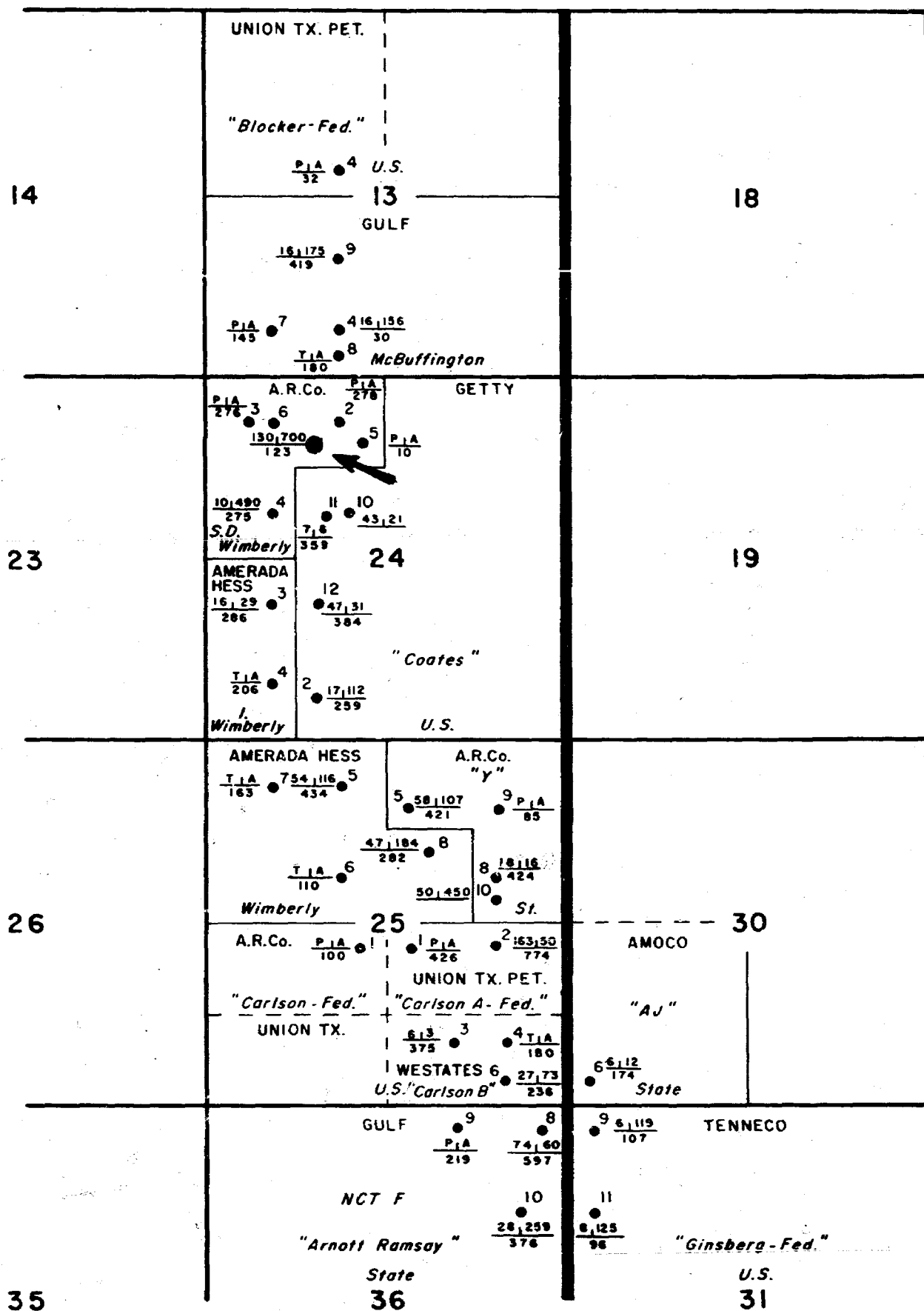
**PREVIOUS & CURRENT
FUSSELMAN PRODUCERS**

SCALE 1" = 2000'

By C.G. RHODES	Drawn By J	Date 4 - 77
Date 4 - 77	Reviewed By	Date
Dist WEST AREA ENGR.	Sung to	

R 37 E

R 38 E



BEFORE EXAMINER NUTTER
 OIL CONSERVATION COMMISSION
 EXHIBIT NO. 3
 CASE NO. 5914

L E G E N D

CURRENT OIL PROD. (BOPD) | CURRENT WATER PROD. (BWPD)
 CUM. OIL PROD. TO 1-1-76 (MBO)

Atlantic Richfield Company
 North American Producing Division
 Permian District Midland, Texas

JUSTIS
 FUSSELMAN POOL
 Lea County, New Mexico

Scale: 1"=2000'

By: C. G. RHODES
 Date: 3-77
 Drawn By: [Signature]
 West Area ENGR.

Union
Tex.

A.R.Co.

A.R.Co.

Getty

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S.D. Wimberly

A.R.Co.

Amerada

Union
Tex.

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Wimberly

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McBuffington
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"C"

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"Coates"
U.S.

WI-128

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-3624

-3489

-3646

-3614

-3571

-3744

-3671

-3776

-3647

-3742

-3600

-3490

-3475

-3980

-3660

R 37 E

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4
CASE NO. 5914

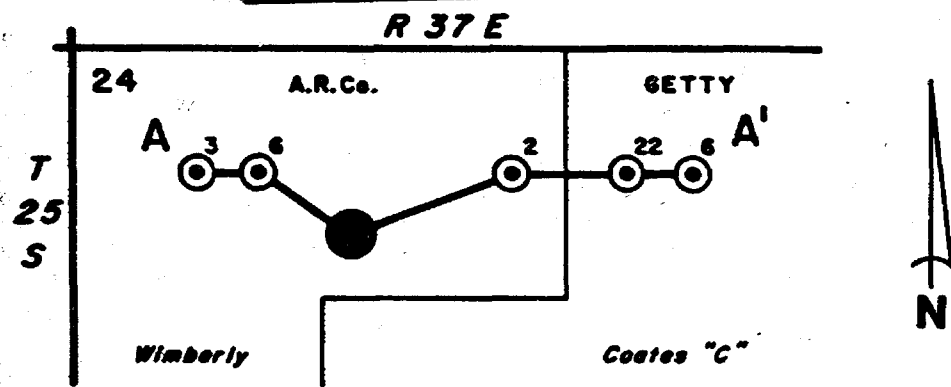
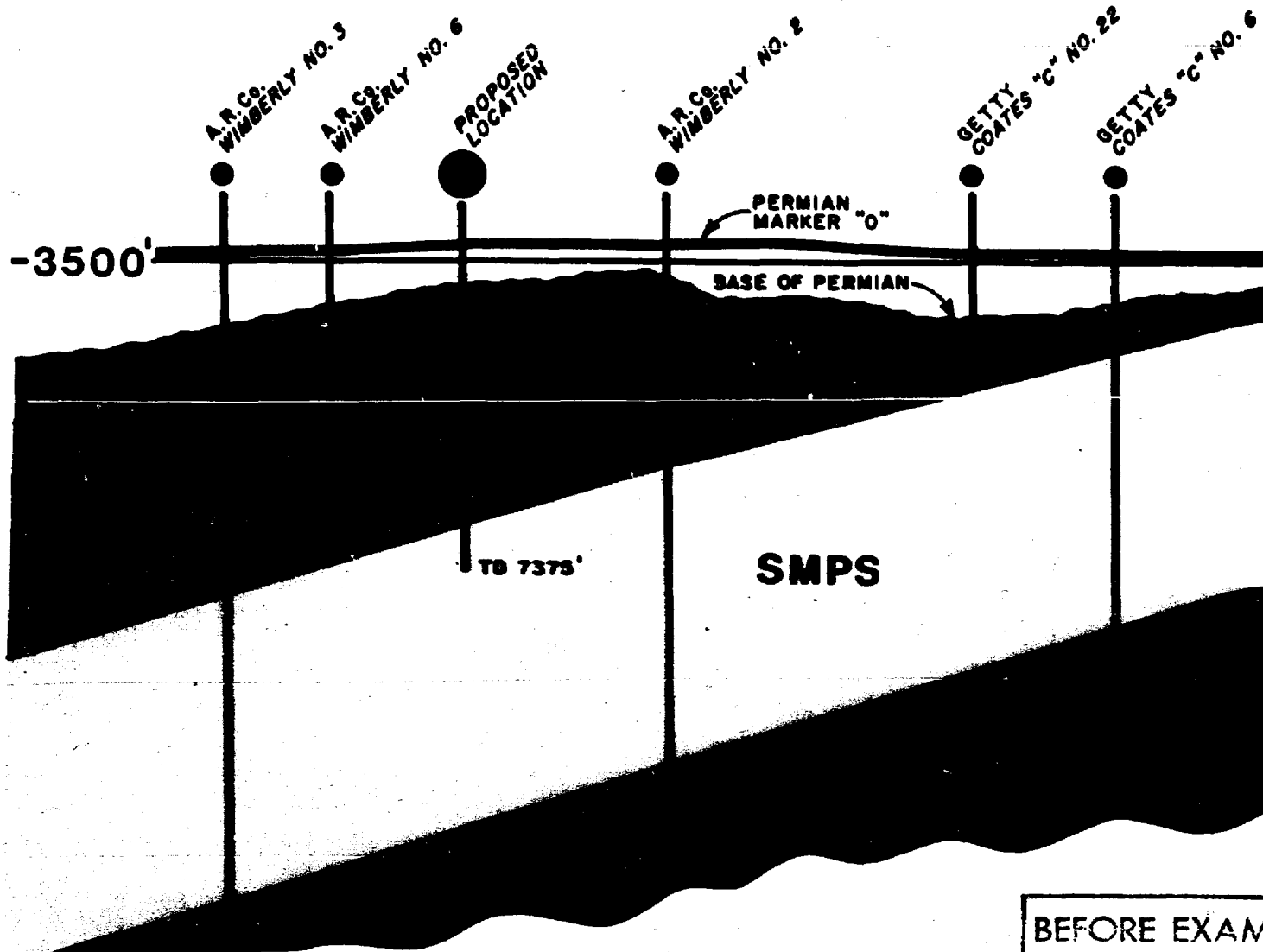
Atlantic Richfield Company
North American Producing Division
Permian District Midland, Texas

JUSTIS FIELD
LEA COUNTY, NEW MEXICO
WIMBERLY WN NO. 11
● PROPOSED LOCATION
1490' FWL & 990' FNL
SECTION 24 T 25 S, R 37 E
CONTOURED ON TOP
OF FUSSELMAN
SCALE 1" = 800'

By C. S. RHODES	Drawn By	Date 3 - 77
Date 3 - 77	Revised By	Date
Drawn WEST AREA ENGR.	Drawn By	Date

A

A'



BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 5

CASE NO. 5914

ATLANTIC RICHFIELD CO
WIMBERLY WN NO. 11

LEA COUNTY, NEW MEXICO

PROPOSED LOCATION
CROSS SECTION A-A'

Dockets Nos. 17-77 and 18-77 are tentatively set for hearing on May 25 and June 8, 1977. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING - THURSDAY - MAY 5, 1977

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

CASE 5912: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the establishment of categories of plugging bonds, including blanket bonds not exceeding \$50,000, and one-well bonds in amounts determined sufficient to reasonably pay the cost of plugging the wells covered by each bond. Also to be considered will be the exclusion from future bond forms of provisions conditioning performance on recompense for damages to livestock, range, water, crops or tangible improvements. Also to be considered will be the amendment of Rule 101 of Commission Rules and Regulations concerning the above provisions.

Docket No. 16-77

DOCKET: EXAMINER HEARING - WEDNESDAY - MAY 11, 1977

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 Richard L. Stamets, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for June, 1977, from seventeen prorated pools in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.
- (2) Consideration of the allowable production of gas for June, 1977, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.

CASE 5913: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Kent Shannon, American Employers' Insurance Company, and all other interested parties to appear and show cause why the following wells in Chaves County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program:

Hi Lonesome Well No. 1, located in Unit D of Section 32, Township 8 South, Range 27 East;
El Paso Well No. 1, located in Unit M of Section 36, Township 10 South, Range 26 East; and
Karma Well No. 1, located in Unit O of Section 16, Township 10 South, Range 27 East.

CASE 5914: Application of Atlantic Richfield Company for an unorthodox oil well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Wimberly WN Well No. 11, to be located 990 feet from the North line and 1490 feet from the West line of Section 24, Township 25 South, Range 37 East, Justis-Fusselman Pool, Lea County, New Mexico.

CASE 5915: Application of C. W. Trainer for directional drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the directional drilling of his Boyd Well No. 1, the surface location of which would be 830 feet from the South line and 2130 feet from the West line of Section 13, Township 20 South, Range 32 East, Lea County, New Mexico. Applicant proposes to vertically drill said well to a depth of from 5100 feet to 7900 feet and to then directionally drill in a southerly direction, bottoming said well in the Morrow formation at a true vertical depth of approximately 13,500 feet within 200 feet of the center of Unit F of Section 24, Township 20 South, Range 32 East. The N/2 of said Section 24 would be dedicated to the well.

CASE 5916: Application of Marathon Oil Company for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of North Vacuum-Abc, Vacuum-Wolfcamp and Vacuum Upper-Pennsylvanian production in the wellbore of its McCallister State Well No. 7 located in Unit N of Section 25, Township 17 South, Range 34 East, Lea County, New Mexico.

CASE 5917: Application of Hanagan Pet. Corp. for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Round Mountain Well No. 1, to be located 2310 feet from the North line and 660 feet from the East line of Section 34, Township 21 South, Range 25 East, Catclaw Draw-Morrow Gas Pool, Eddy County, New Mexico, all of said Section 34 to be dedicated to the well.

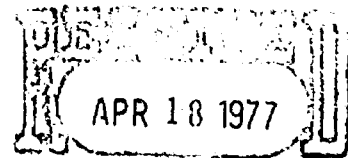
CASE 5918: Application of Marbob Energy Corporation for an unorthodox oil well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its NG Phillips State Well No. 10 located 2645 feet from the South line and 1325 feet from the East line of Section 27, Township 17 South, Range 28 East, Artesia Queen-Grayburg-San Andres Pool, Eddy County, New Mexico.

Atlantic Richfield Company

North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79701
Telephone 915 682 8631

for hearing

Case 594



April 11, 1977

Mr. Joe Ramey
New Mexico Oil Conservation Commission OIL CONSERVATION COMM.
P. O. Box 2088
Santa Fe, New Mexico 87501
Santa Fe

Re: Wimberly WN No. 11
Unorthodox location
Justis Fusselman Pool
990' FNL and 1490' FWL
Section 24, T-25S, R-37E
Lea County, New Mexico

Dear Mr. Ramey:

Atlantic Richfield Company respectfully requests administrative approval of an unorthodox location for a Justis Fusselman development oil well to be located 990' FNL and 1490' FWL of Section 24, Township 25 South, Range 37 East, Lea County, New Mexico. This well will be drilled to an approximate depth of 7375' with completion attempted in the Fusselman formation and is to be designated as the Wimberly WN No. 11. The No. 11 will be the only Fusselman producer on this particular 40-acre tract. The No. 2 and No. 5 wells, also located on this 40-acre tract, previously produced from the Fusselman but have since been recompleted and are now producing from other zones.

Statewide Rule 104 specifies that an orthodox development oil well location be located not closer than 330 feet to the boundary of the 40-acre tract in which it is located.

Atlantic Richfield believes the proposed unorthodox location is the most strategic position to produce the maximum recoverable oil reserves from the Justis Fusselman Pool underlying the Wimberly WN lease. Furthermore, Atlantic Richfield Company believes that approval of this application will be in the interest of conservation, prevention of waste, and the protection of correlative rights.

Attached are a well location and acreage dedication plat, a map showing offset operators, and a list of the offset operators who are being notified by registered mail with a copy of this application. Thank you for your consideration.

Very truly yours,

J. L. Tweed

J. L. Tweed

CGR/agp

cc: New Mexico Oil Conservation Commission, Area Supervisor
P. O. Box 1980
Hobbs, New Mexico

OFFSET OPERATORS
Wimberly WN No. 11

Amerada Hess Corporation
Drawer 817
Seminole, Texas 79360

Amoco Production Company
Drawer A
Levelland, Texas 79336

Cities Service Oil Company
Box 1919
Midland, Texas

El Paso Natural Gas Company
600 (Bldg. of the Southwest
Midland, Texas 79701

Getty Oil Company
Box 1231
Midland, Texas 79702

Getty Oil Company (Skelly Oil Company)
Box 1351
Midland, Texas 79702

Gulf Energy & Minerals Company - US
Box 1150
Midland, Texas 79702

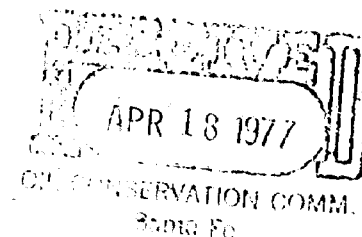
Mobil Oil Corporation
Box 633
Midland, Texas 79702

Terra Resources, Inc.
P. O. Box 2329
Tulsa, Oklahoma 74101

Texas Pacific Oil Company, Inc.
Box 4067
Midland, Texas 79702

Union Texas Petroleum
1300 Wilco Bldg.
Midland, Texas 79701

Westates Petroleum Company
Box "SS"
Jal, New Mexico 88252



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

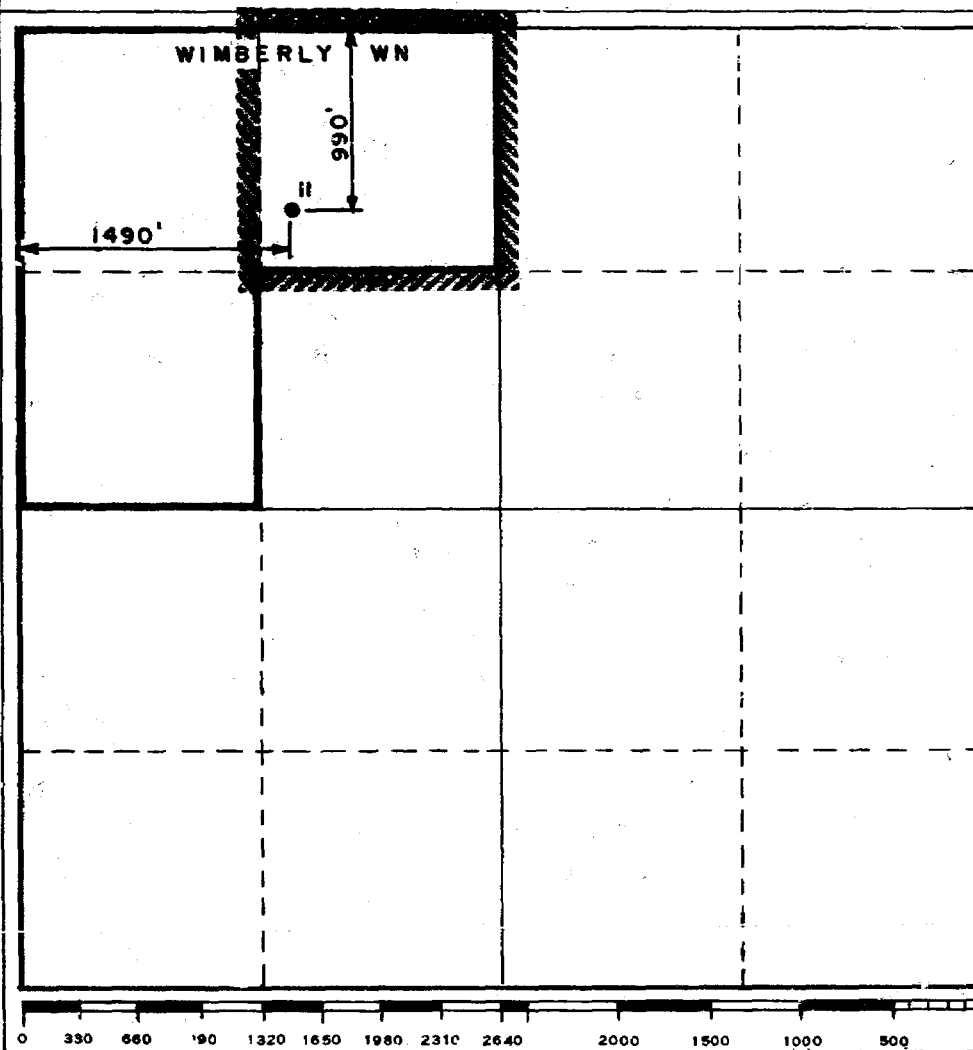
Operator Atlantic Richfield Company			Lease Wimberly WN		Well No. 11
Unit Letter C	Section 24	Township 25 South	Range 37 East	County Lea	
Actual Footage Location of Well: 990 feet from the north line and 1490 feet from the west line					
Ground Level Elev. 3067.9'	Producing Formation		Pool		Dedicated Acreage: Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Cris G. Rhodes

Name

Cris G. Rhodes

Position

Operations Engineer

Company

Atlantic Richfield Company

Date

April 11, 1977

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Case 5914
Form 5-1-1
Supervised by

All distances must be from the outer boundaries of the section.

ATLANTIC RICHFIELD COMPANY				WIMBERLY WN	
Section	24	Township	25 South	Range	37 East
Actual Well Location of Well:					
990		feet from the North		1490	
Ground Level Elev.		Producing Formation		West	
3067.9					

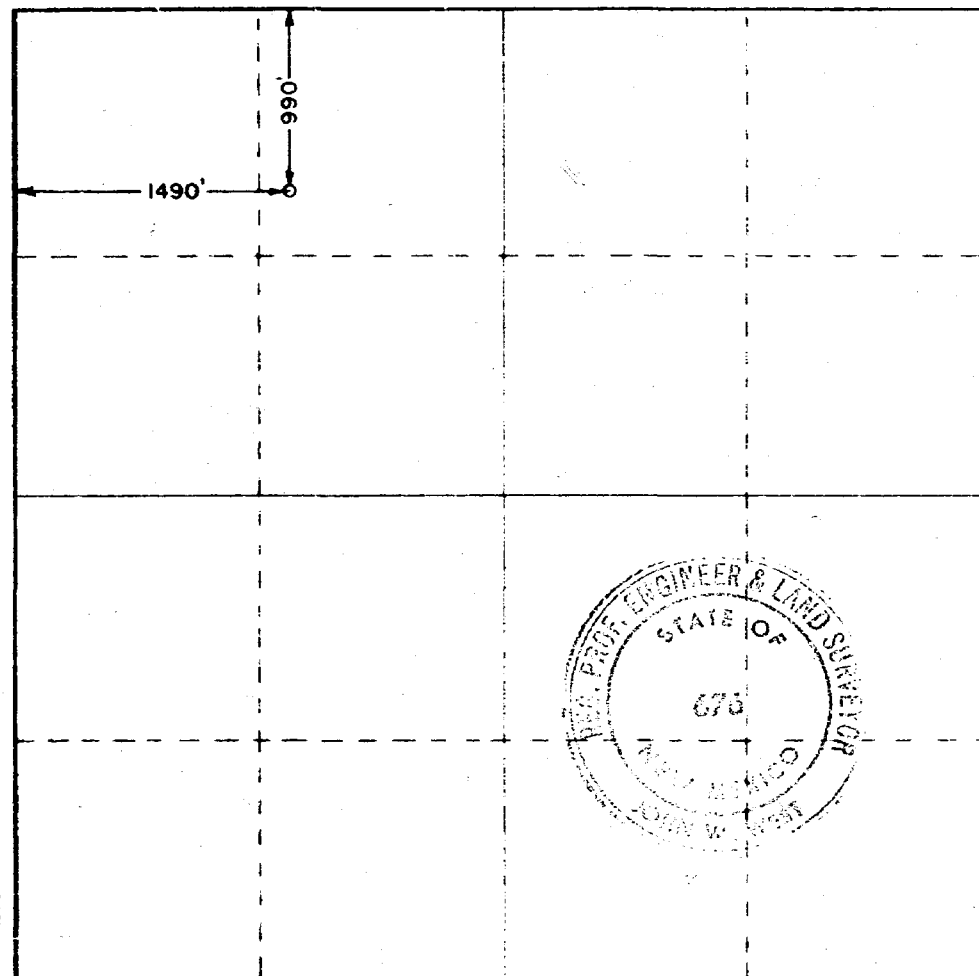
RECEIVED
APR 18 1977
OIL CONSERVATION COMM.
Santa Fe

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Date Surveyed
March 29, 1977

Registered Professional Engineer and/or Land Surveyor

John W West

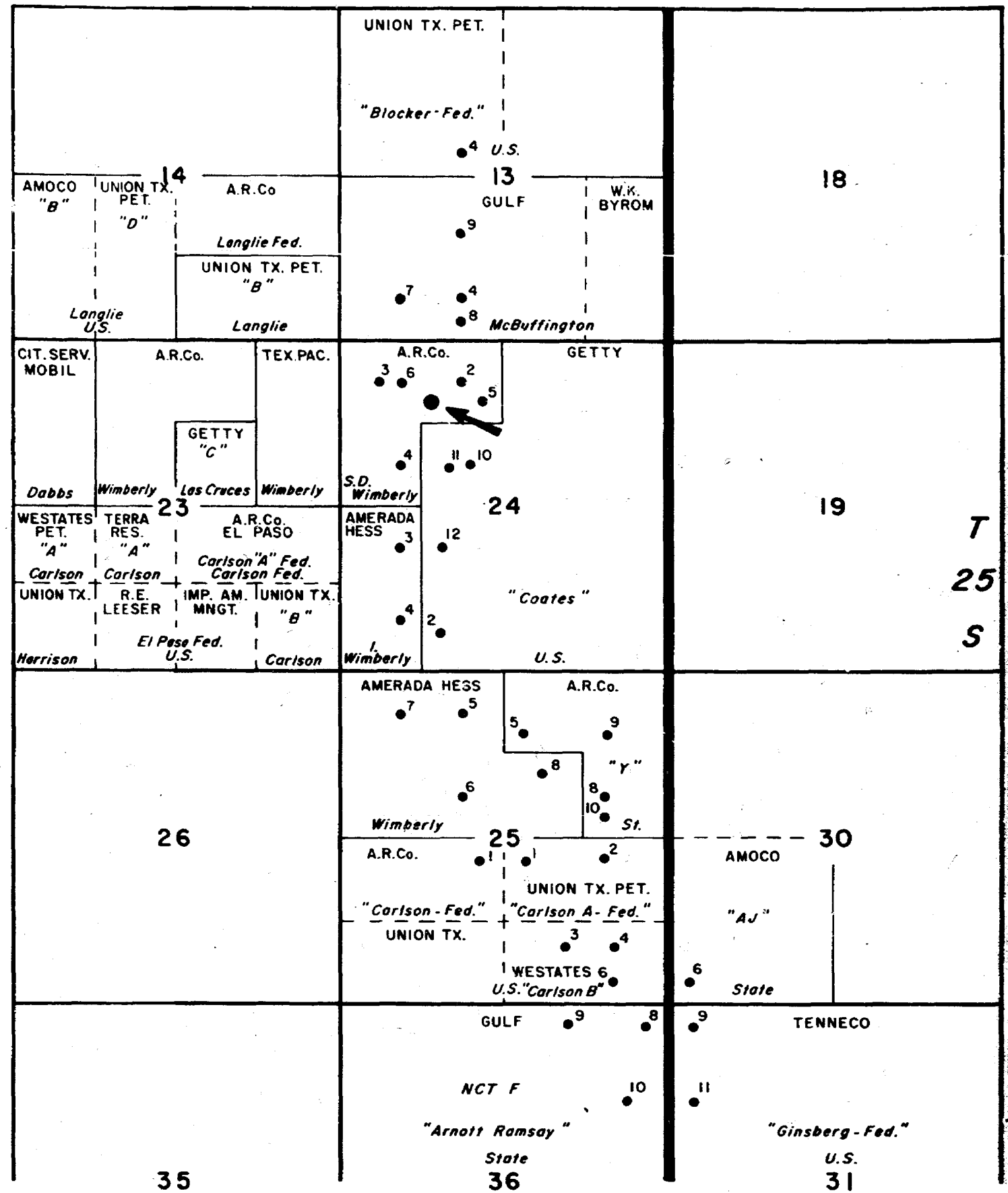
Certificate No. 676

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500

Case 5914

R 37 E

R 38 E



Atlantic Richfield Company
North American Producing Division
Permian District Midland, Texas

JUSTIS
FUSSELMAN POOL
LEA COUNTY, NEW MEXICO

PREVIOUS & CURRENT
FUSSELMAN PRODUCERS

SCALE 1" = 2000'

By C. G. RHODES	Drawn By	Date 4 - 77
Date 4 - 77	Revised By	Date
Dept WEST AREA ENGR.	Sup No	

A.R.Co.
(P/I)

8

7

A.R.Co.
(P/I)

(Tex. Pac.) 2

A.R.Co.

3

6

2

5

11

2

5

2

1 10

1

A.R.Co.
(P/I)

1

(Tex. Pac.) 3

9

4

WI-128
28

10

S.D. Wimberly

23

Indian Pet.

5

A.R.Co.

2

3 1A

Amerada

11 3

S.D. Wimberly

24

Carlson "A" Fed.

Atlantic Richfield Company	
North American Producing Division	
Permian District Midland, Texas	
♦	
JUSTIS FIELD	
LEA COUNTY, NEW MEXICO	
WIMBERLY WN LEASE	
NO. 11 PROPOSED LOCATION	
Scale: 1" = 500'	
Dr. C. G. RHODES	Drawn By: J. G. A. - 77
Date: 4 - 77	Revised By: Date:
Don WEST AREA ENGR.	Don No:

AtlanticRichfieldCompany

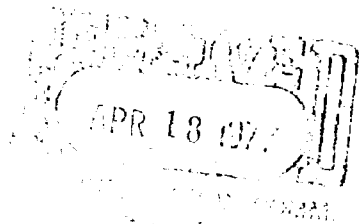
North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79701
Telephone 915 682 8631

Case 5914



April 11, 1977

Mr. Joe Ramey
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501



Re: Wimberly WN No. 11
Unorthodox location
Justis Fusselman Pool
990' FNL and 1490' FWL
Section 24, T-25S, R-37E
Lea County, New Mexico

Dear Mr. Ramey:

Atlantic Richfield Company respectfully requests administrative approval of an unorthodox location for a Justis Fusselman development oil well to be located 990' FNL and 1490' FWL of Section 24, Township 25 South, Range 37 East, Lea County, New Mexico. This well will be drilled to an approximate depth of 7375' with completion attempted in the Fusselman formation and is to be designated as the Wimberly WN No. 11. The No. 11 will be the only Fusselman producer on this particular 40-acre tract. The No. 2 and No. 5 wells, also located on this 40-acre tract, previously produced from the Fusselman but have since been recompleted and are now producing from other zones.

Statewide Rule 104 specifies that an orthodox development oil well location be located not closer than 330 feet to the boundary of the 40-acre tract in which it is located.

Atlantic Richfield believes the proposed unorthodox location is the most strategic position to produce the maximum recoverable oil reserves from the Justis Fusselman Pool underlying the Wimberly WN lease. Furthermore, Atlantic Richfield Company believes that approval of this application will be in the interest of conservation, prevention of waste, and the protection of correlative rights.

Attached are a well location and acreage dedication plat, a map showing offset operators, and a list of the offset operators who are being notified by registered mail with a copy of this application. Thank you for your consideration.

Very truly yours,

J. L. Tweed

J. L. Tweed

CGR/agp

cc: New Mexico Oil Conservation Commission, Area Supervisor
P. O. Box 1980
Hobbs, New Mexico

Case 5914
APR 18 1971
FBI - TAMU

OFFSET OPERATORS
Winberly WN No. 11

Amerada Hess Corporation
Drawer 817
Seminole, Texas 79360

Amoco Production Company
Drawer A
Levelland, Texas 79336

Cities Service Oil Company
Box 1919
Midland, Texas

El Paso Natural Gas Company
600 Bldg. of the Southwest
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Box 1231
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1300 Wilco Bldg.
Midland, Texas 79701

Westates Petroleum Company
Box "SS"
Jal, New Mexico 88252

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

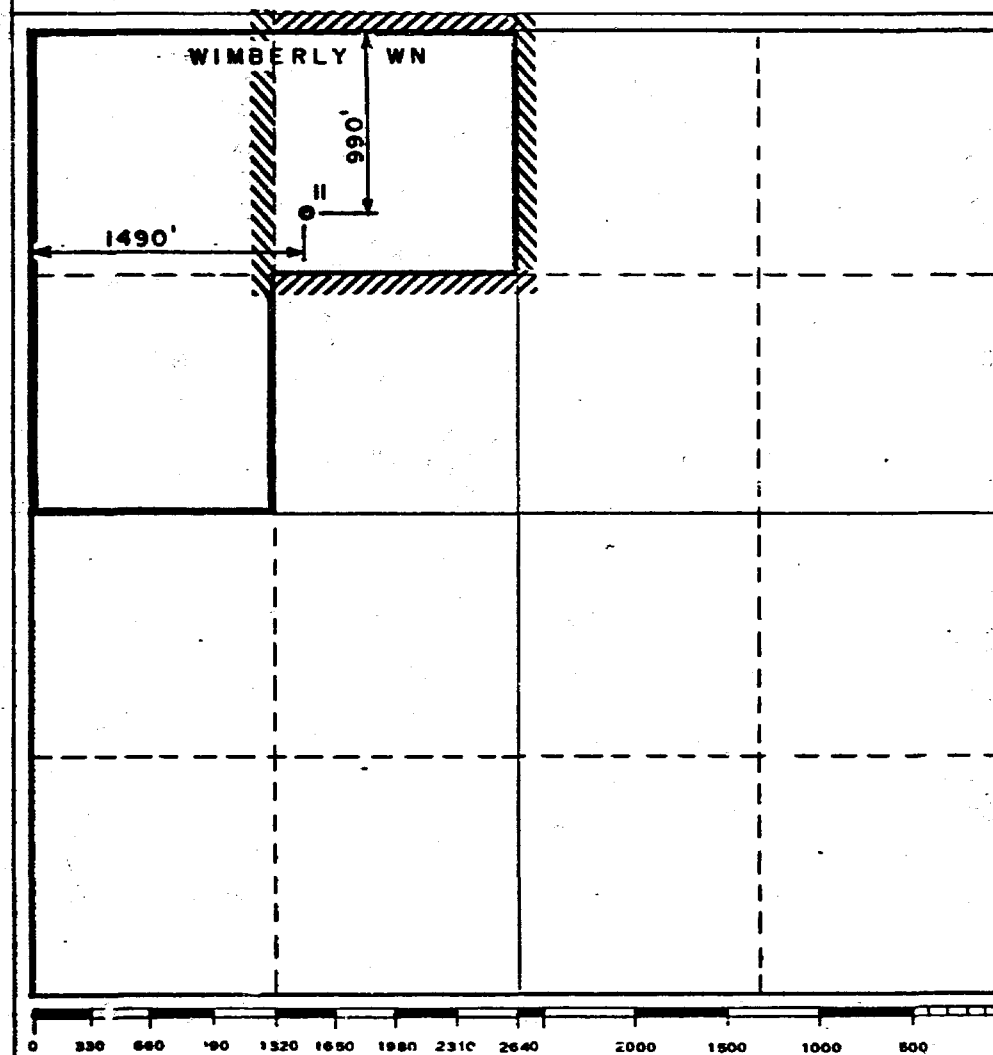
Operator Atlantic Richfield Company			Lease Wimberly WN		Well No. 11
Unit Letter C	Section 24	Township 25 South	Range 37 East	County Lea	
Actual Footage Location of Well: 990 feet from the north line and 1490 feet from the west line					
Ground Level Elev. 3067.9'	Producing Formation		Pool	Dedicated Acreage: Acres	

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Cris G. Rhodes

Name
Cris G. Rhodes
Position
Operations Engineer
Company
Atlantic Richfield Company
Date
April 11, 1977

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Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Case 5914
Form 1-1-1
Superseded 4-1-26
Effective 1-1-68

All distances must be from the outer boundaries of the section.

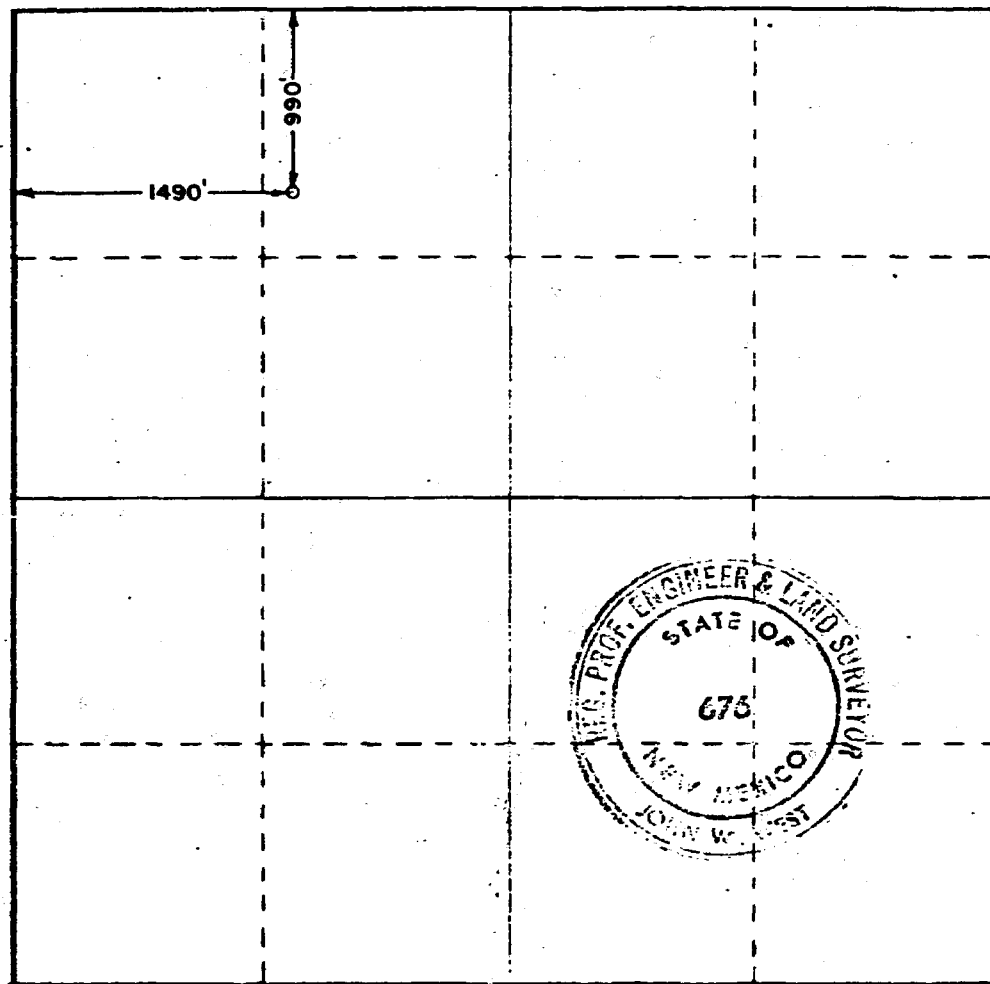
Operator ATLANTIC RICHFIELD COMPANY		Lease WIMBERLY WN	
Well Letter C	Section 24	Township 25 South	Range 37 East
Actual Well Location of Well: 990 feet from the North line and 1490 feet from the West line		City Leo	
Grounds Elev. 3067.9	Producing Formation	Size	Estimated Acreage

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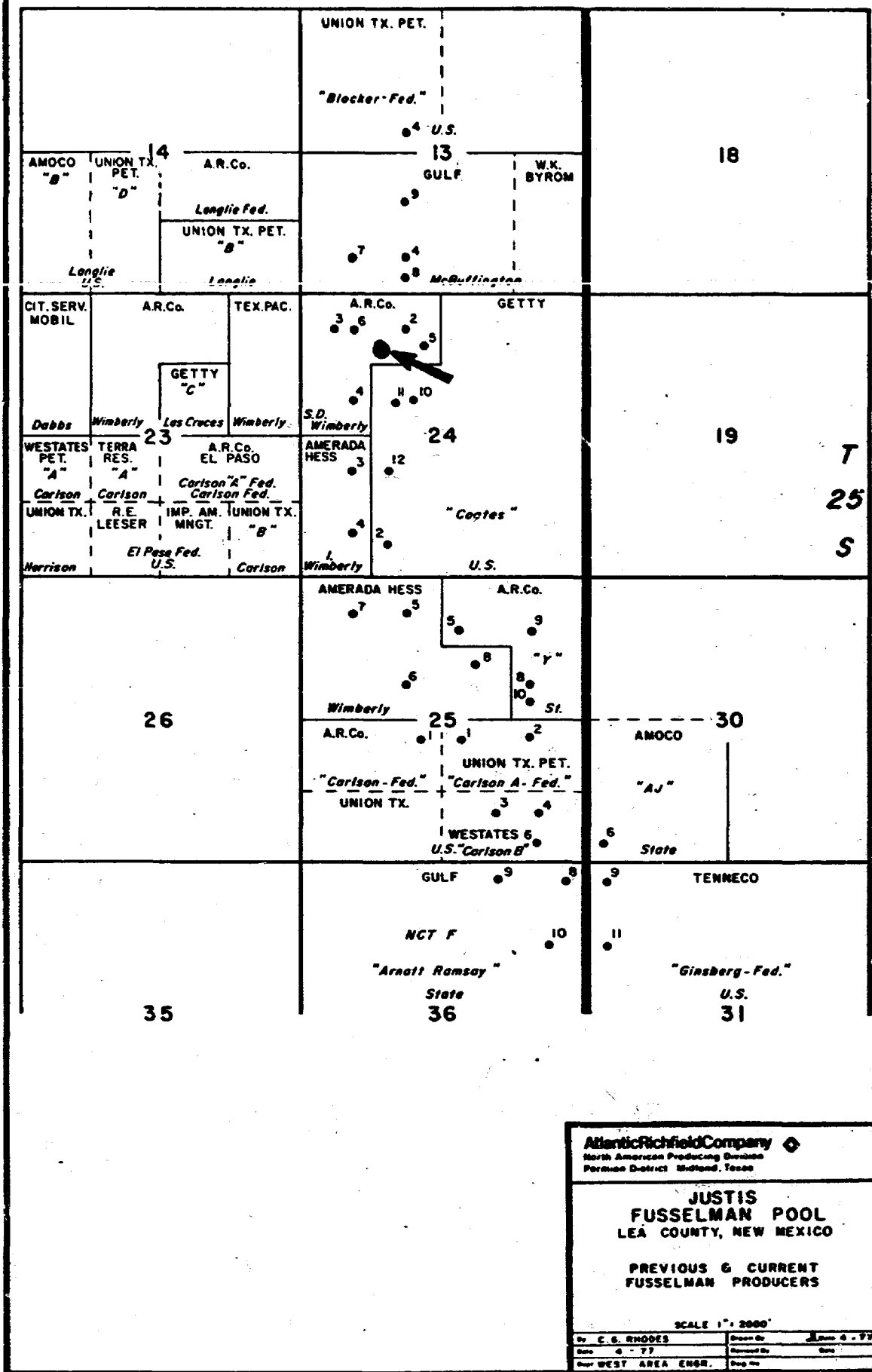
Date Surveyed
March 29, 1977

Registered Professional Engineer
and Land Surveyor

John W. West
676

0 320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840

R 38 E



U.S.

U.S. R 37 E

U.S.

A.R.Co.
(P/I)

8

7

A.R.Co.
(P/I)

(Tex. Pac.) 2

A.R.Co.

3

6

2

2



5

A.R.Co.
(P/I)



10

1



(Tex. Pac.) 3

9

4

WI-128

28

11

1

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25

S

S.D. Wimberly

23

S.D. Wimberly

24

Indian Pet.



A.R.Co.

2



1A

Carlson "A" Fed.

Amerada



3

Atlantic Richfield Company
North American Producing Division
Permian District Midland, Texas

JUSTIS FIELD
LEA COUNTY, NEW MEXICO
WIMBERLY WN LEASE

⊙ NO. 11 PROPOSED LOCATION

Scale: 1" = 500'

By C. G. RHODES	Drawn By	Date 8-77
Date 8-77	Revised By	Date
Don WEST AREA ENGR.	Eng. No.	

Atlantic Richfield Company

North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79701
Telephone 915 682 8631

Case 5914



APR 18 1977

April 11, 1977

Mr. Joe Ramey
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Wimberly WN No. 11
Unorthodox location
Justis Fusselman Pool
990' FNL and 1490' FWL
Section 24, T-25S, R-37E
Lea County, New Mexico

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Very truly yours,

J. L. Tweed

CGR/agp

cc: New Mexico Oil Conservation Commission, Area Supervisor
P. O. Box 1980
Hobbs, New Mexico

Case 5914
APR 18 1971
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Seminole, Texas 79360

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Box "SS"
Jal, New Mexico 88252

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

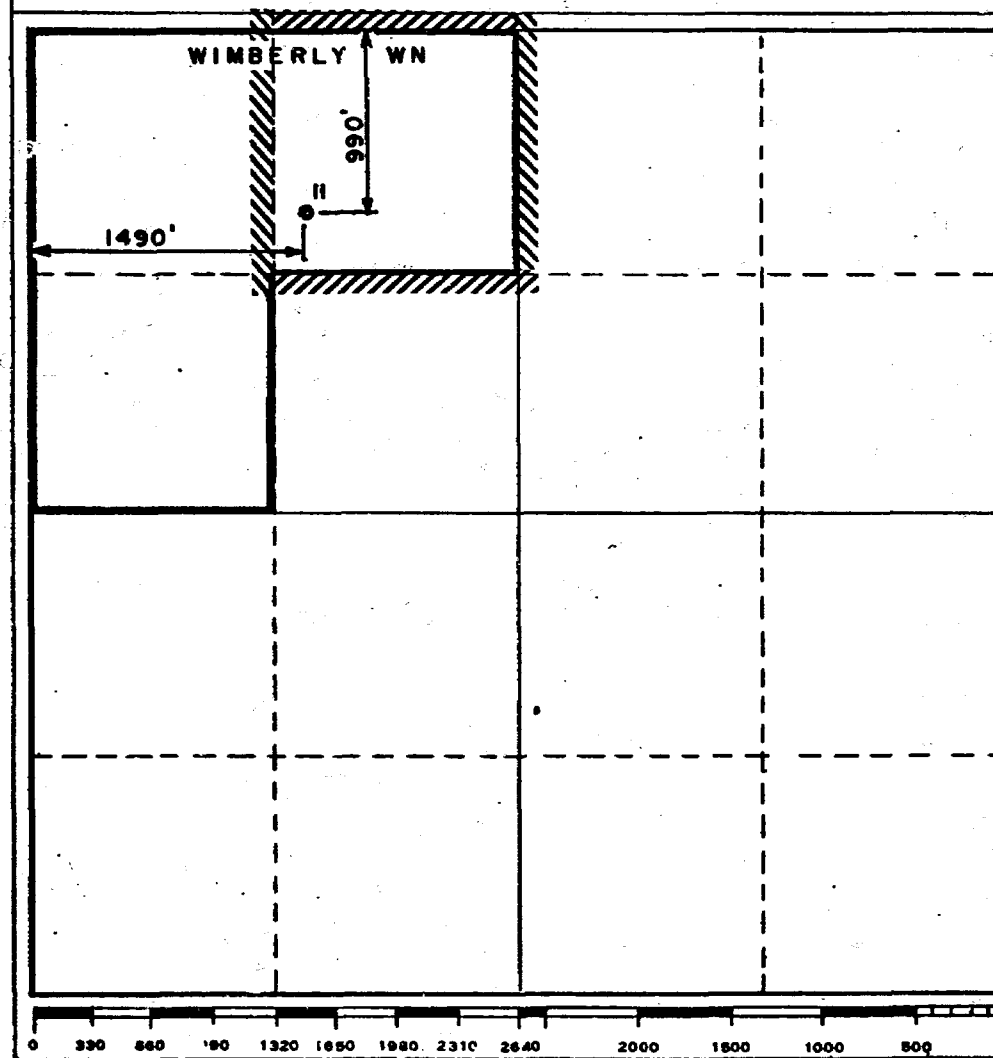
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Position
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Company
Atlantic Richfield Company
Date
April 11, 1977

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Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Case 5914
Form O-11
Superseded O-124
Effective 1-1-65

All distances must be from the outer boundaries of the Section

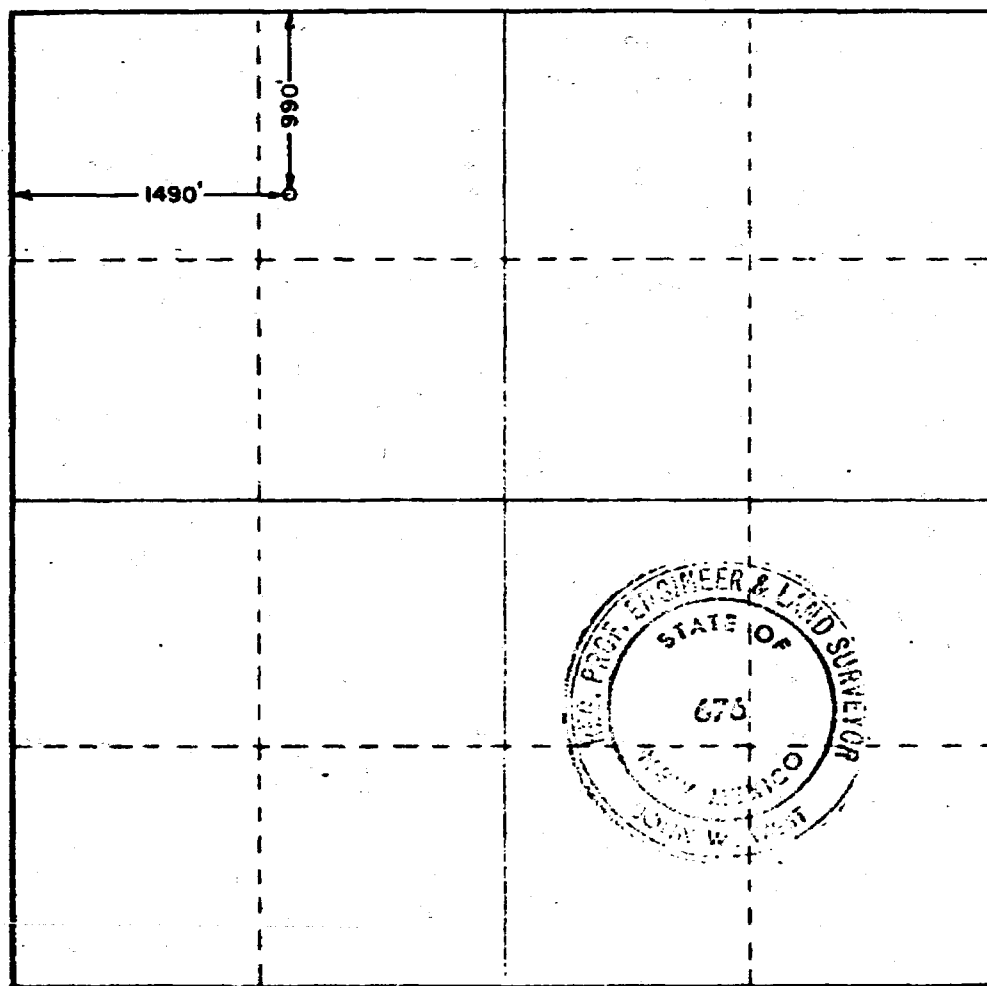
Pioneer		ATLANTIC RICHFIELD COMPANY		Lease		WIMBERLY WN		Well No. 11	
Tract Letter	Section	Township		Range		County			
C	24	25 South		37 East		Lea			
Actual Well Location of Well:									
990		feet from the North		1490		feet from the West			
Ground Level Elev.		Producing Formation							
3067.9									

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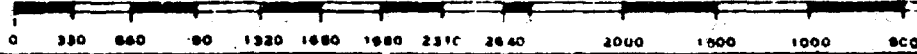
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March 29, 1977

Registered Professional Engineer
and Land Surveyor

John W West

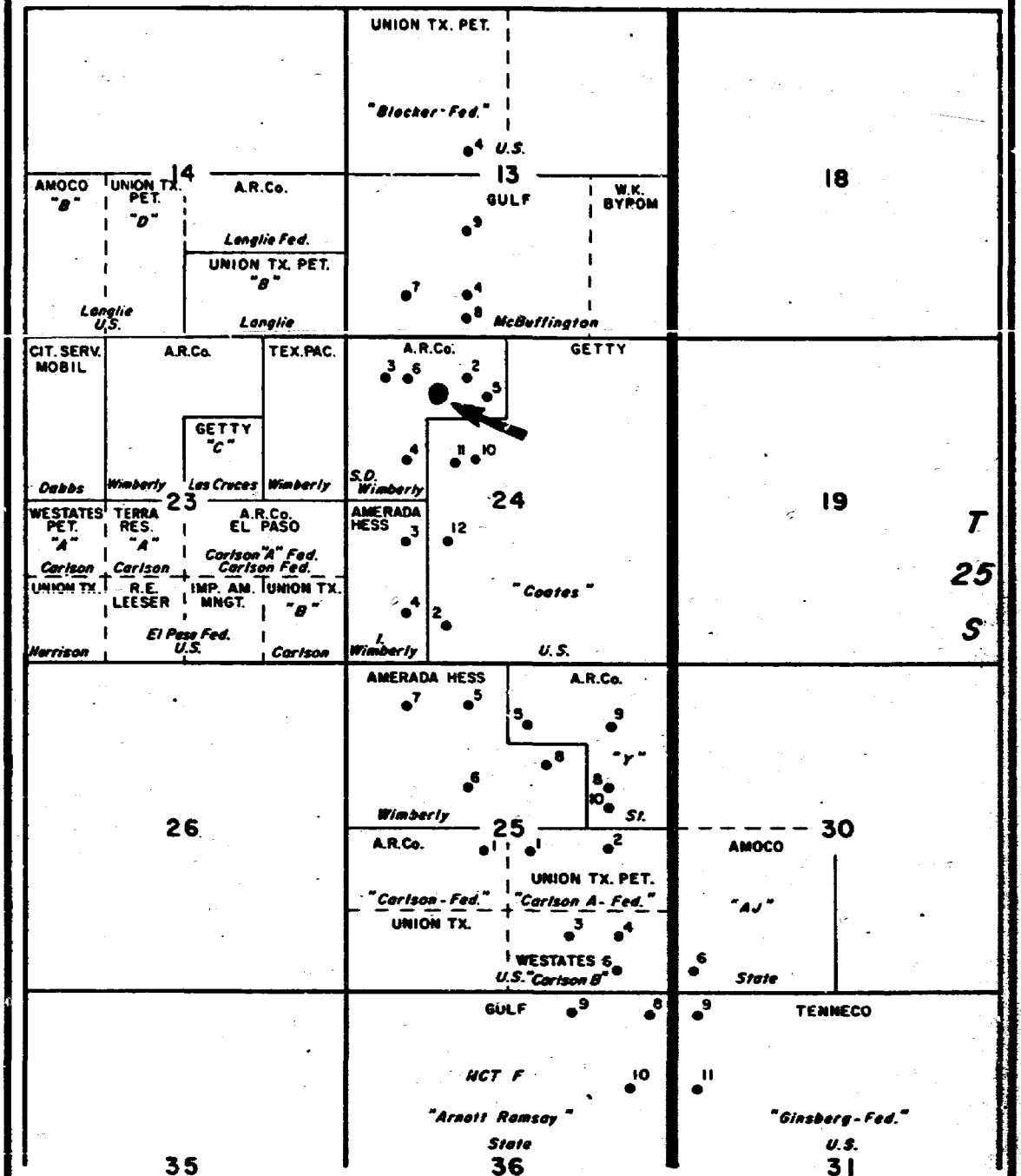
676



Case 5914

R 37 E

R 38 E



Atlantic Richfield Company
North American Producing Division
Permian District Midland, Texas

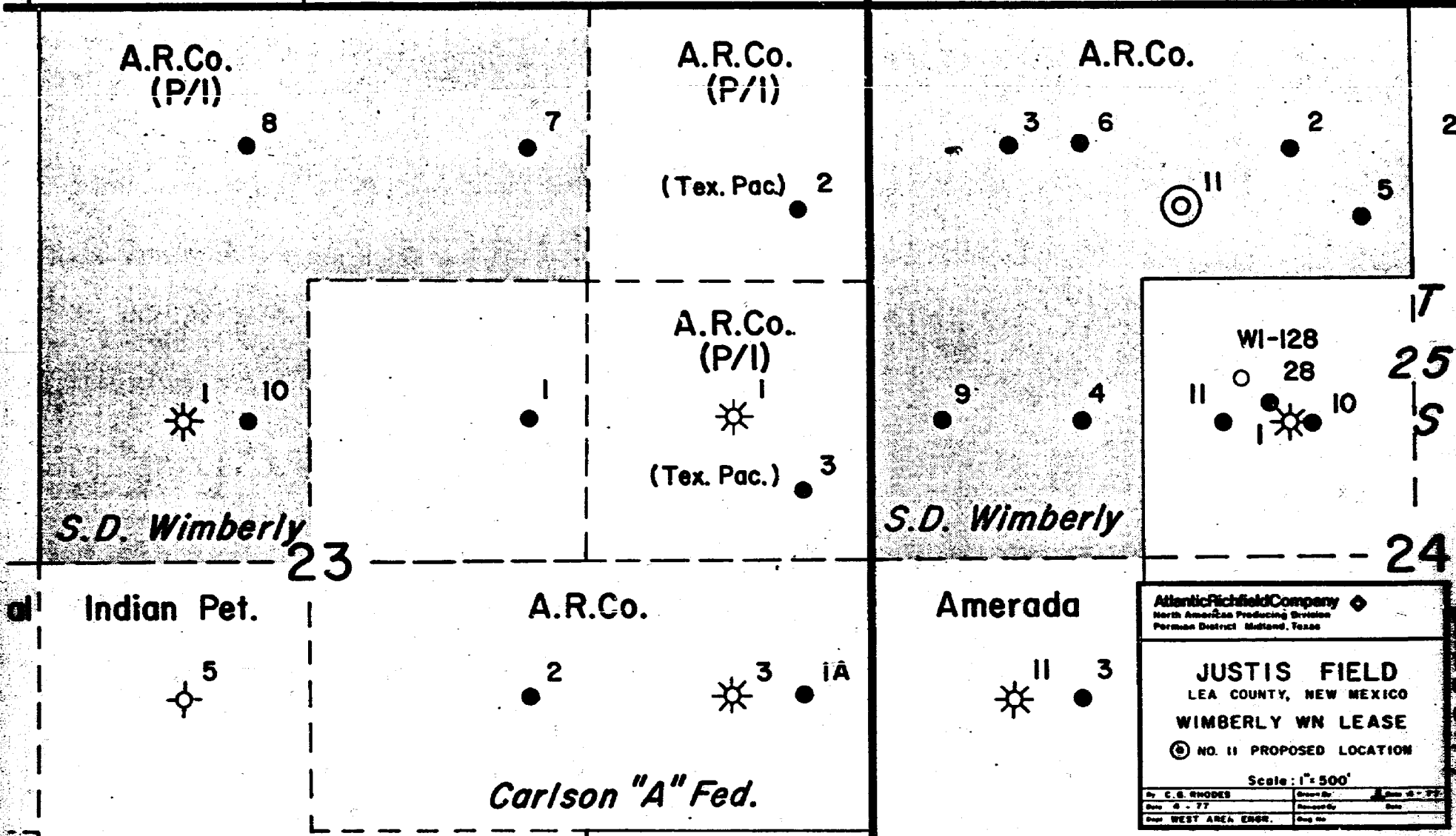
JUSTIS
FUSSELMAN POOL
LEA COUNTY, NEW MEXICO

PREVIOUS & CURRENT
FUSSELMAN PRODUCERS

SCALE 1" = 2000'

By C. S. RHODES	Drawn By J. H. 4-77
Date 4-77	Revised By
Drawn BY WEST AREA ENGR.	Drawn By

U.S. U.S. R 37 E U.S.



Atlantic Richfield Company
North American Producing Division
Permian District Midland, Texas

JUSTIS FIELD
LEA COUNTY, NEW MEXICO
WIMBERLY WN LEASE
NO. 11 PROPOSED LOCATION

Scale: 1" = 500'

By C. G. RHODES	Checked By	Date 8-77
Drawn WEST AREA ENGR.	Checked By	Date

Case 5914

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE April 26, 1977

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____ X
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

APR 28 1977
OIL CONSERVATION COMM.
Santa Fe

Gentlemen:

I have examined the application dated _____
for the Atlantic Richfield Co. Wimberly WN #11 24-25-37
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.----J.S.

Yours very truly,

Jerry Septon

dr/

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 5914

Order No. R- 5430

APPLICATION OF ATLANTIC RICHFIELD COMPANY
FOR AN UNORTHODOX OIL WELL LOCATION,
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 11, 1977,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter P.S.

NOW, on this day of May, 1977, the Commission,
a quorum being present, having considered the testimony, the record, and
the recommendations of the Examiner, 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, Atlantic Richfield Company, seeks
for its Wimberly WN Well No. 11 to be located
approval of an unorthodox oil well location / 990 feet from the North
line and 1490 feet from the West line of Section 24, Township

25 South, Range 37 East, NMPM, to test the
 formation, Justis-Fusselman Pool,
Lea County, New Mexico.

(3) That the NE 1/4 NW 1/4 of said Section 24 is to be dedicated to the
well.

(4) That a well at said unorthodox location will better enable
applicant to produce the oil underlying the proration unit.

(5) That no offset operator objected to the proposed unorthodox
location.

-2-

Case No. _____
Order No. R- _____

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the oil in the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

For the Atlantic Richfield Company
(1) That an unorthodox oil well location ~~for the~~ *is hereby approved*
~~applicant's~~ *Winberly* WN Well No. 11
~~formation is hereby approved for a well~~ to be located at a point 990
feet from the North line and 1490 feet from the West
line of Section 24, Township 25 South, Range 37 East
NMPH, Justis-Fusselman Pool, Lea County,
New Mexico.

NE 1/4 NW 1/4
(2) That the NE 1/4 NW 1/4 of said Section 24 shall be dedicated to the above-described well.

(3) 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.