

CASE 5826: ATLANTIC RICHFIELD CO. *any*
FOR UNORTHODOX LOCATIONS & SIMUL-
TANEOUS DEDICATION, LEA COUNTY

CASE NO.

5826

APPLICATION,
TRANSCRIPTS,
SMALL EXHIBITS,
ETC.



BRUCE KING
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

September 1, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

ARCO Oil and Gas Company
P. O. Box 1710
Hobbs, New Mexico 88240

Attention: D. L. Shackelford

Administrative Order NSP-1326

Gentlemen:

Reference is made to your application for a 145-acre non-standard proration unit consisting of the following acreage in the Eumont Gas Pool:

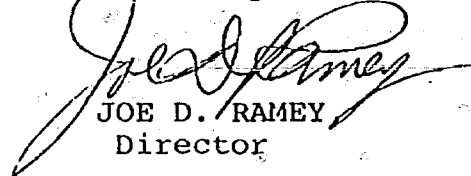
LEA COUNTY, NEW MEXICO
TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
Section 19: S/2 SW/4, NW/4 SW/4, and
SW/4 NW/4

It is my understanding that this unit is to be dedicated to your State "F" DE Well No. 1 located 2310 feet from the North line and 330 feet from the West line and your State "F" DE Well No. 4 located 330 feet from the South line and 330 feet from the West line of said Section 19.

By authority granted me under the provisions of Rule 5(c)(3) of Order No. R-1670, the above non-standard proration unit is hereby approved.

That Order No. R-5280-A is hereby placed in abeyance.

Sincerely,


JOE D. RAMEY
Director

JDR/RLS/dr

cc: Oil Conservation Division - Hobbs
Oil & Gas Engineering Committee - Hobbs
Oil & Gas Division - State Land Office - Santa Fe

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. 5826
Order No. R-5280-A

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 5, 1977,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 25th day of January, 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, is
the operator of a previously established 185-acre non-standard
Eumont gas proration unit comprising the SW/4 and SW/4 NW/4 of
Section 19, Township 21 South, Range 36 East, NMPM, Eumont Gas
Pool, Lea County, New Mexico.

(3) That the applicant seeks to simultaneously dedicate to
said non-standard unit its State "F" DE Well No. 1 at an
unorthodox location 2310 feet from the North line and 330
feet from the West line of said Section 19, its State "F" DE
Well No. 3, located 1980 feet from the South line and 1815
feet from the West line of said Section 19, and its State "F"
DE Well No. 4 at an unorthodox location 330 feet from the South
line and 330 feet from the West line of said Section 19.

(4) That the proposed non-standard gas proration unit can
be efficiently and economically drained and developed by the
subject wells.

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Case No. 5826
Order No. R-5280-A

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

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas 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.

(7) That Commission Order No. R-5280 dated September 16, 1976, which approved the aforesaid non-standard proration unit dedicated to the State "F" DE Well No. 3 only, should be superseded.

IT IS THEREFORE ORDERED:

(1) That the applicant, Atlantic Richfield Company, is hereby authorized to simultaneously dedicate a previously established 185-acre non-standard gas proration unit comprising the SW/4 and SW/4 NW/4 of Section 19, Township 21 South, Range 36 East, NMPM, Eumont Gas Pool, Lea County, New Mexico, to its State "F" DE Well No. 1 at an unorthodox location 2310 feet from the North line and 330 feet from the West line of said Section 19, to its State "F" DE Well No. 3, located 1980 feet from the South line and 1815 feet from the West line of said Section 19, and to its State "F" DE Well No. 4, located 330 feet from the South line and 330 feet from the West line of said Section 19.

(2) That the allowable assigned to the above-described gas proration unit shall be based upon the unit size of 320 acres, and that the operator may produce the allowable assigned to the unit from the subject wells in any proportion.

(3) That Commission Order No. R-5280 is hereby superseded.

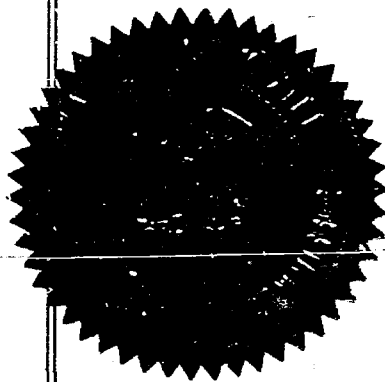
(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

-3-

Case No. 5826
Order No. R-5280-A

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



PHIL R. LUCERO, Chairman

Emery C. Arnold
EMERY C. ARNOLD, Member

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

S E A L

dr/

NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARING

SANTA FE, NEW MEXICO

Hearing Date JANUARY 5, 1977 TIME: 9:00 A.M.

NAME	REPRESENTING	LOCATION
J. B. Magruder	EPNG	El Paso
W. D. Dawson	EPNG	Farmington
Paul W. Duncell	EPNG	El Paso
Rand C. Schmiat	EPNG	El Paso
Bul. Coater	Atwood & Malone	Rowell
D. G. Chances	Atlantic Richfield	Midland
Dick Prentice	"	"
I. J. Natour	Atlantic Richfield	Midland
James H. Burke	Atl-Richfield	Rowell
Joseph & Kewy	ELK oil co	Rowell
Al Kendrick	OCC	Ayler
Jerry Long	USGS	DURANGO
Per M. Campbell	Campbell Burguman + Block	Santa Fe
Jay L. Lee	SOUTHERN UNION PROD CO.	DALHUS, TX.
Jason Kellahin	Kellahin & Fox	Santa Fe
Curtis J. Little	Palmer Oil & Gas	Albuquerque
Don Roberts	" " "	B, 17455 Mt.

NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARING

SANTA FE, NEW MEXICOHearing Date JANUARY 5, 1977 TIME: 9:00 A.M.

NAME	REPRESENTING	LOCATION
William J. LeMay <i>John McFelly</i>	Harvard & LeMay <i>Independent</i>	P.O. Box 936 Roswell, N.M. <i>Roswell</i>

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 5, 1977

EXAMINER HEARING

IN THE MATTER OF:

Application of Atlantic Richfield) CASE
Company for three unorthodox locations) 5826
and simultaneous dedication, Lea County,) New Mexico.)

BEFORE: Daniel S. Nutter, 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
AND HENSLEY
Attorneys at Law
Hinkle Building
Roswell, New Mexico

sid morish reporting service

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

I N D E X

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RICHARD S. PRENTICE

Direct Examination by Mr. Hinkle	3
Cross Examination by Mr. Nutter	7

EXHIBIT INDEX

Offered Admitted

Applicant's Exhibit One, Form C-102	4	6
Applicant's Exhibit Two, Plat	5	6

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1 MR. NUTTER: We will call next Case Number 5826.

2 MS. TESCHENDORF: Case 5826, application of Atlantic
3 Richfield Company for three unorthodox locations and simul-
4 taneous dedication, Lea County, New Mexico.

5 MR. HINKLE: Mr. Examiner, Clarence Hinkle, Hinkle,
6 Cox, Eaton, Coffield and Hensley representing Atlantic Richfield,
7 we have one witness.

8 (THEREUPON, the witness was duly sworn.)

9
10 RICHARD S. PRENTICE

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

13
14 DIRECT EXAMINATION

15 BY MR. HINKLE:

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

18 A My name is Richard S. Prentice, I work for Atlantic
19 Richfield in Midland, Texas.

20 Q What is your position with Atlantic Richfield?

21 A I work as a petroleum engineer in Lea County,
22 New Mexico.

23 Q Have you previously testified before the Commission?

24 A Yes, sir, I have.

25 Q And qualified as a petroleum engineer?

1 A. Yes, sir, I have.

2 Q Are your qualifications a matter of record with the
3 Commission?

4 A. Yes, they are.

5 MR. HINKLE: Are his qualifications acceptable?

6 MR. NUTTER: They are.

7 Q (Mr. Hinkle continuing.) Are you familiar with the
8 application of Atlantic Richfield in this case?

9 A. Yes, I am.

10 Q What are you seeking to accomplish?

11 A. Atlantic Richfield seeks authority to simultaneously
12 dedicate a previously approved one hundred and eighty-five acre
13 Eumont gas proration unit comprising the southwest quarter and
14 southwest quarter of the northwest quarter of Section 19,
15 Township 21 South, Range 36 East, Eumont Gas Pool, Lea County,
16 New Mexico to the State "F" DE Wells Nos. 1, 3 and 4 located
17 at unorthodox locations in Units E, K and M, respectively, of
18 Section 19.

19 Q Have you prepared or has there been prepared under
20 your direction exhibits for introduction in this case?

21 A. Yes.

22 Q They are the ones that have been marked Exhibits One
23 and Two?

24 A. Yes.

25 Q Refer to Exhibit One and explain what this is and what

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1 it shows?

2 A. Exhibit One is a Form C-102, Well Location and Acreage
3 Dedication Plat. It shows the exact location of the three
4 wells we want to dedicate and it shows the size of the proration
5 unit.

6 Q. And these are unorthodox locations?

7 A. Yes, they are.

8 Q. Have they previously been approved by the Commission?

9 A. Yes, sir, they have.

10 Q. Refer to Exhibit Two and explain this?

11 A. Exhibit Two is a plat of Eumont gas production in the
12 area. Again it shows the three wells we want to dedicate and
13 shows offset gas production.

14 Q. Have you furnished all of the offset owners with
15 copies of the application?

16 A. Yes, we have.

17 Q. Have you had any objection?

18 A. No.

19 Q. What is the present status of the three wells that
20 are shown on Exhibit One?

21 A. On Exhibit One, Well 3 is a producing Eumont gas
22 well; Well No. 1 was recently recompleted from the Eumont oil
23 and potentialled at four hundred and ninety MCF a day; and Well
24 No. 4 is a shut-in Eumont oil well.

25 Q. Do you intend to rework that well?

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1 A. Yes, we intend to recomplete No. 4 from Eumont oil to
2 Eumont gas.

3 Q. In what manner would it be recompleted?

4 A. Recompletion consists of perforating up hole, plugging
5 the Eumont oil, all zones would be recompleted up hole.

6 Q. To get in the gas zone?

7 A. To get in the gas zone, yes.

8 Q. Do you anticipate that these three wells will make
9 the allowable for this unit?

10 A. Yes, we do.

11 Q. Do you have any further comments with respect to
12 either of these exhibits?

13 A. No.

14 Q. If this application is approved, in your opinion will
15 it be in the interest of conservation and the prevention of
16 waste and protect correlative rights?

17 A. Yes, it will.

18 MR. HINKLE: I would like to offer Exhibits One and
19 Two.

20 MR. NUTTER: Applicant's Exhibits One and Two will
21 be admitted into evidence.

22 (THEREUPON, Applicant's Exhibits One and
23 Two were admitted into evidence.)
24
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CROSS EXAMINATION

BY MR. NUTTER:

Q Mr. Prentice, at the present the two hundred acre unit is dedicated to Well No. 3 only, is that it?

A No, sir, it is dedicated to Well No. 1 and No. 3.

Q So the No. 1 has been recently recompleted from Eumont oil but it has been dedicated to the unit prior to this time?

A Yes, sir, it has been dedicated to the unit.

Q What was it completed for, four ninety MCF?

A Four ninety MCF a day.

Q And the No. 4 will be recompleted?

A Yes, sir.

MR. NUTTER: Are there any further questions of the witness? He may be excused.

(THEREUPON, the witness was excused.)

MR. NUTTER: Do you have anything further, Mr. Hinkle?

MR. HINKLE: Nothing in this case.

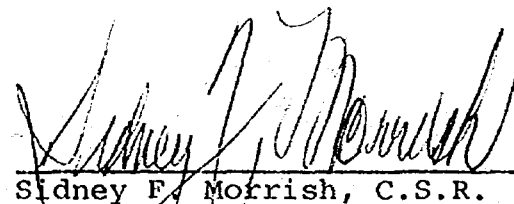
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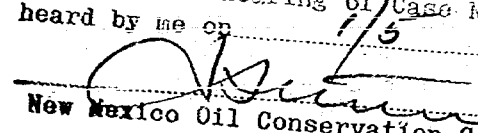
REPORTER'S CERTIFICATE

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, C.S.R.

sid morrish reporting service

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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. 5826
heard by me on 1/5, 1977.

Examiner
New Mexico Oil Conservation Commission

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 5, 1977

EXAMINER HEARING

IN THE MATTER OF:

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State Land Office Building
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I N D E X

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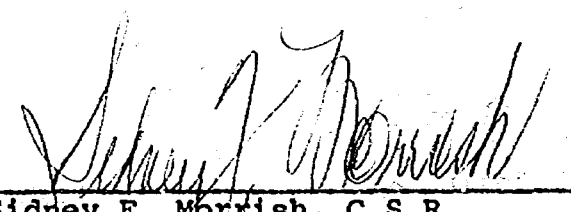
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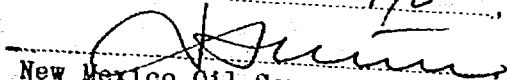
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REPORTER'S CERTIFICATE

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Sidney F. Morrish, C.S.R.

I do hereby certify that the foregoing is
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the Examiner hearing of Case No. 5826
heard by me on 1/5, 1977

 Examiner
New Mexico Oil Conservation Commission

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Phone (505) 982-9212

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			Lessee STATE "P" DE			Well No. 4
Unit Letter M	Section 19	Township 21South	Range 36East	County Lea		
Actual Footage Location of Well: 330 feet from the South line and 330 feet from the West line						
Ground Level Elev. 3636'	Producing Formation Seven Rivers-Queen, Yates		Pool Sumont	Dedicated Acreage: 185 Acres		

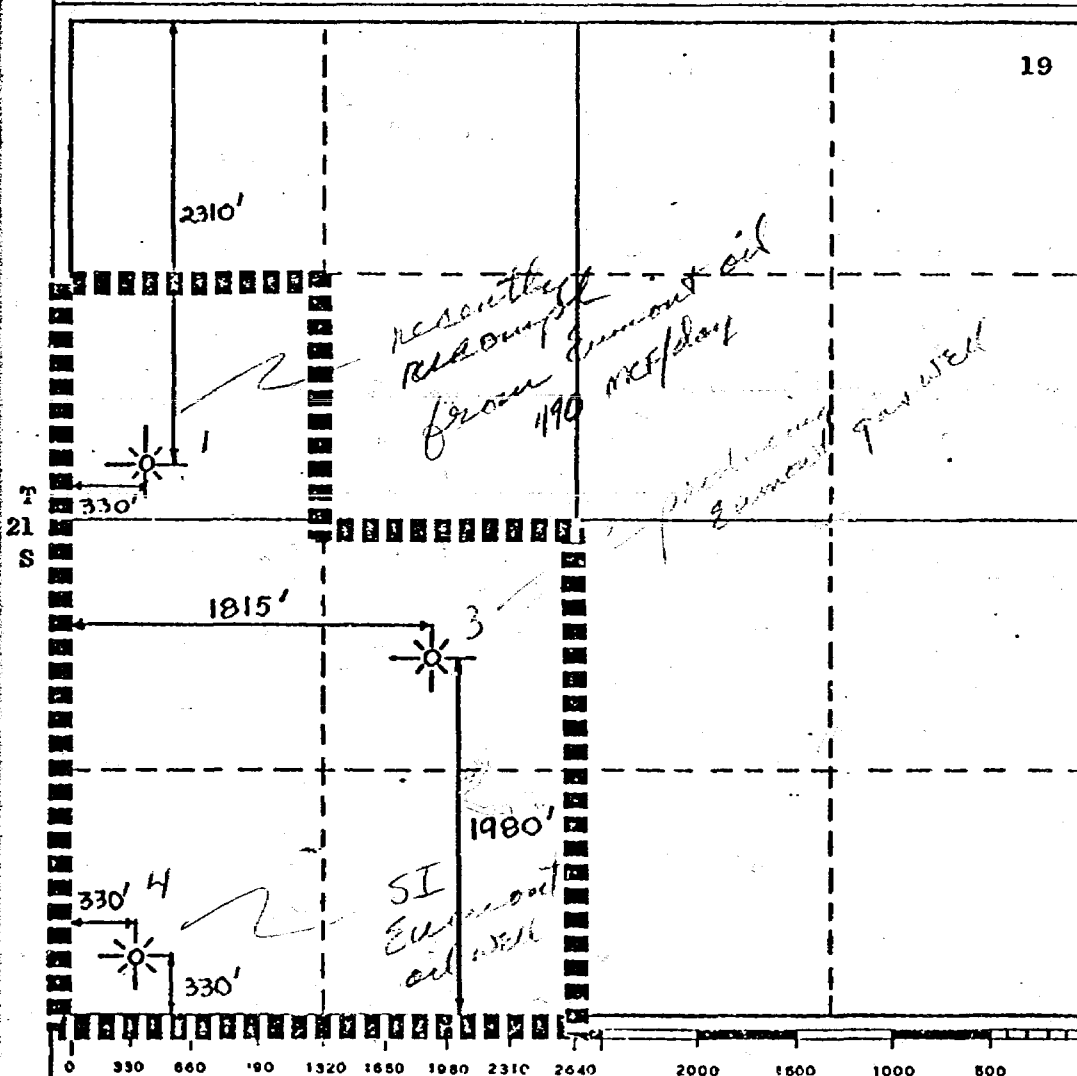
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

R-36E



CERTIFICATION

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

Huan Quoc Pham
Name

Huan Quoc Pham

Position

Operations Engineer

Company

Atlantic Richfield Company

Date

December 8, 1976

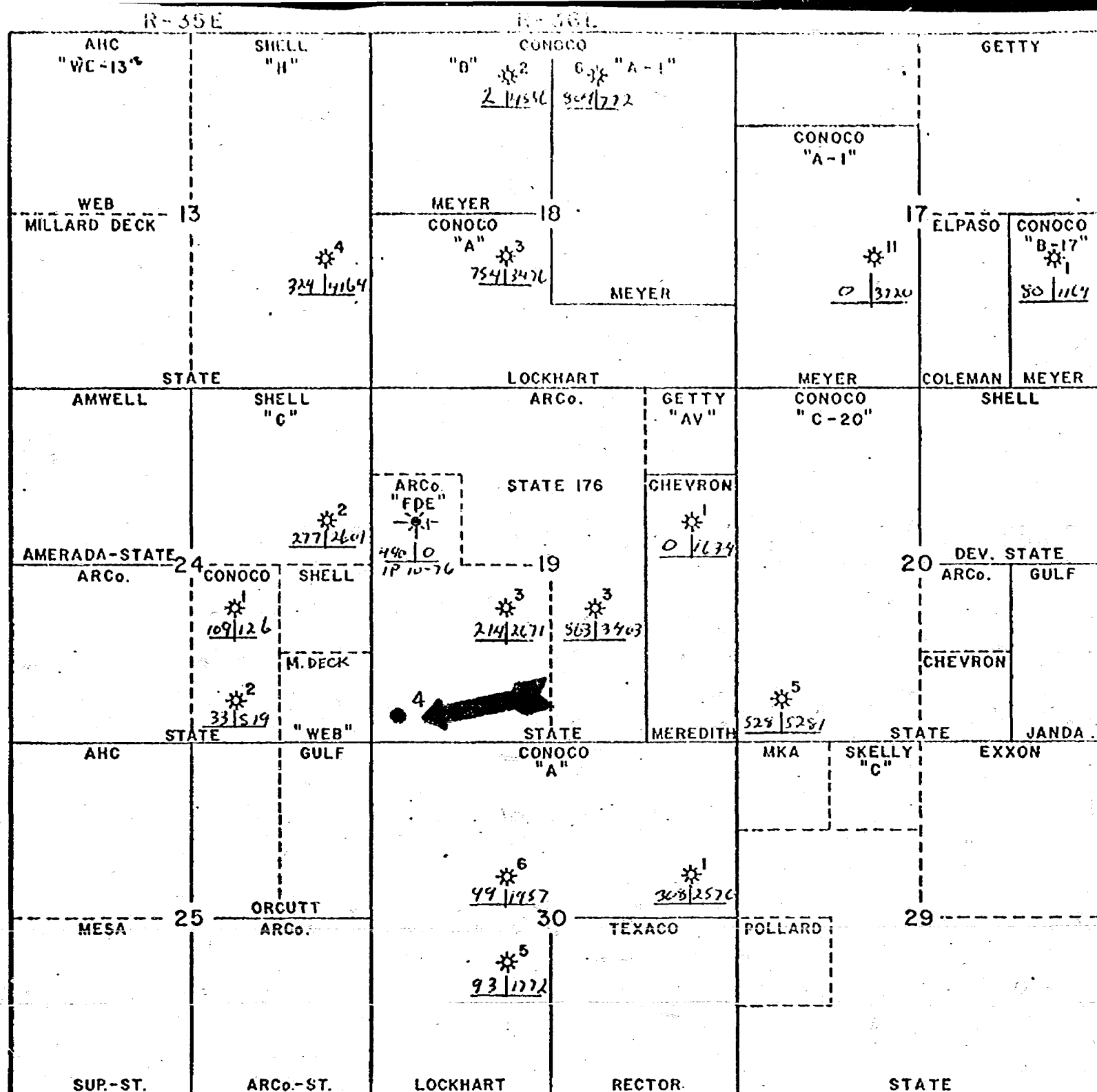
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
CASE NO. 5826



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

STATE F DE LEASE
EUMONT GAS PRODUCTION

MCFP Cum. mcf
(10-76) (1-1-76)

By	Drawn By	M.R.	Date
Date	Revised By		Date
Post	Page		

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
EXHIBIT NO. 2
CASE NO. 5826

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 STATE "T" DE		Well No. 4
Unit Letter M	Section 19	Township 21South	Range 36East	County Lea	
Actual Footage Location of Well: 330 feet from the South line and 330 feet from the West line					
Ground Level Elev. 3636'	Producing Formation Seven Rivers-Queen, Yates		Pool Eumont	Dedicated Acreage: 185 Acres	

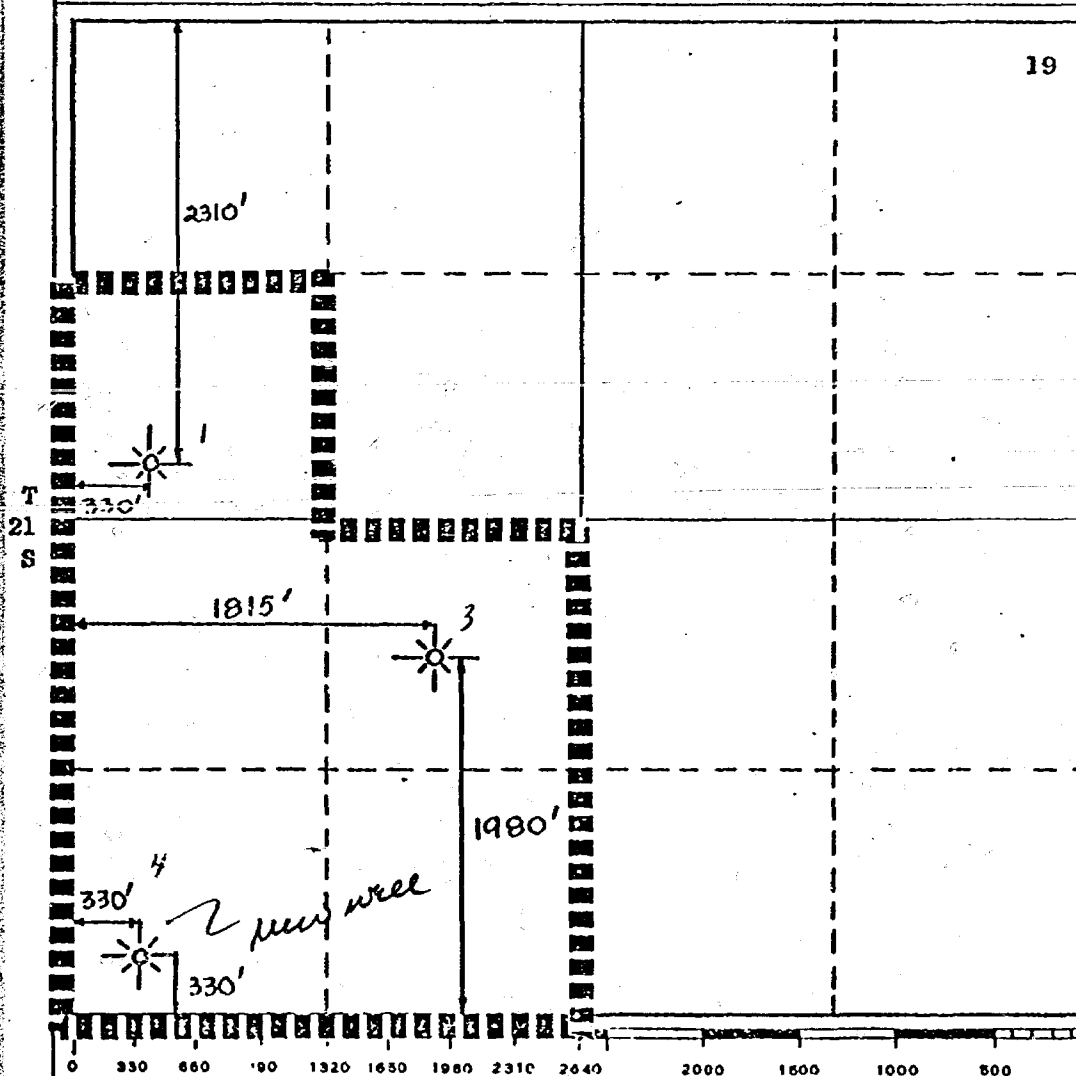
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.

R-36E



CERTIFICATION

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

Huan Quoc Pham
Name

Huan Quoc Pham
Position

Operations Engineer
Company

Atlantic Richfield Company
Date

December 8, 1976

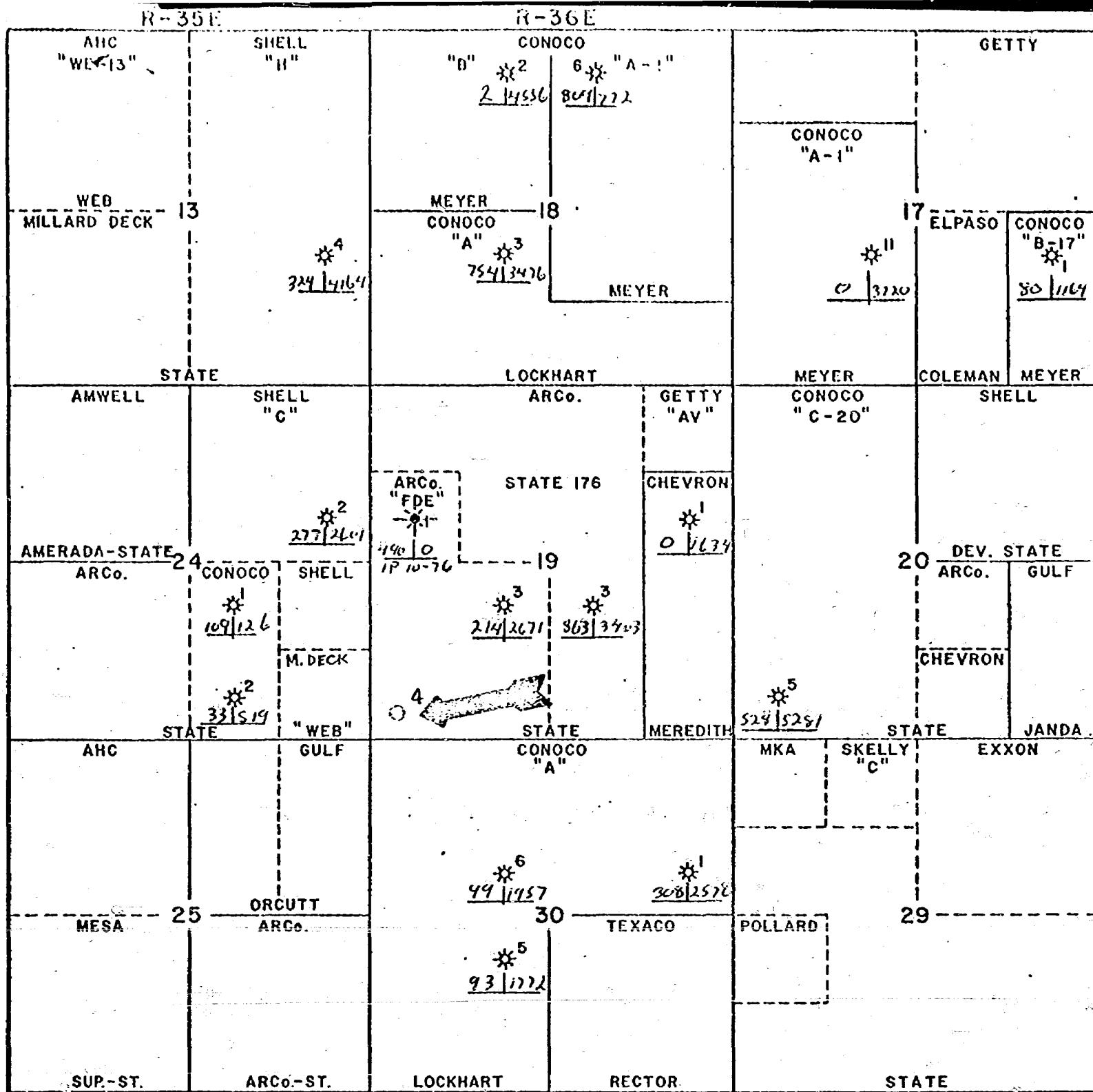
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

CASE 5826
Exhibit 1



Atlantic Richfield Company			
North American Producing Division Permian District Midland, Texas			
STATE F DE LEASE EUMONT GAS PRODUCTION			
MCFD (10-76)		Cum. mcf (1-1-76)	
By	Drawn By	M.R.	Date 7-7-77
Date	Revised By		Date
Drawn	Drawn		

Case 5826
Exhibit 2

Dockets Nos. 3-77 and 5-77 are tentatively set for hearing on January 19 and February 2, 1977. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: COMMISSION HEARING - TUESDAY - JANUARY 4, 1977

OIL CONSERVATION COMMISSION - 9 A.M. - ROOM 205,
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

CASE 5824: Application of Raymond Faves for an exception to Order No. R-3221, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks, as an exception to the provisions of Commission Order No. R-3221, permission to construct and operate an earthen evaporation pit in the NE/4 SW/4 of Section 2, Township 20 South, Range 30 East, Eddy County, New Mexico, for the disposal of produced water from oil and gas wells in Eddy and Lea Counties, New Mexico.

Docket No. 2-77

DOCKET: EXAMINER HEARING - WEDNESDAY - JANUARY 5, 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:

CASE 5820: (Continued & Readvertised)

Application of Texas Oil & Gas Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the W/2 of Section 4, Township 22 South, Range 26 East, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5825: Application of Harvey E. Yates Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the S/2 of Section 36, Township 17 South, Range 26 East, Atoka-Pennsylvanian Gas Pool, Eddy County, New Mexico, to be dedicated to a well to be drilled at a standard location. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5826: Application of Atlantic Richfield Company for three unorthodox locations and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to simultaneously dedicate a previously approved 185-acre Eumont gas proration unit comprising the SW/4 and SW/4 NW/4 of Section 19, Township 21 South, Range 36 East, Eumont Gas Pool, Lea County, New Mexico, to its State "F" DE Wells Nos. 1, 3, and 4 located at unorthodox locations in Units E, K, and M, respectively, of said Section 19.

CASE 5827: Application of Atlantic Richfield Company for four unorthodox locations and simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to simultaneously dedicate a previously approved 275-acre Eumont gas proration unit comprising the W/2 E/2, N/2 NW/4, and SE/4 NW/4 of Section 19, Township 21 South, Range 36 East, Eumont Gas Pool, Lea County, New Mexico, to its State 176 Wells Nos. 2, 3, 4, and 6 located at unorthodox locations in Units O, J, G, and C, respectively, of said Section 19.

CASE 5828: Application of Atlantic Richfield Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox gas well location of its Robinson Gas Com Well No. 1 to be drilled 1850 feet from the North line and 660 feet from the West line of Section 27, Township 17 South, Range 29 East, Grayburg-Morrow Gas Pool, Eddy County, New Mexico, the N/2 of said Section 27 to be dedicated to the well.

Atlantic Richfield Company

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



December 8, 1976

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

Re: Dedication of the State "F" DE No. 4
Section 19, T-21S, R-36E
Lea County, New Mexico

*Set for hearing
Case 5826*

Dear Mr. Ramey:

Atlantic Richfield Company requests administrative approval to simultaneously dedicate a previously established 185-acre Eumont gas proration unit to three wells, the State "F" DE No. 1, No. 3, and No. 4. Currently the unit, SW/4 and SW/4 NW/4 of Section 19, T-21S, R-36E is classified as marginal with all acreage dedicated to the State "F" DE No. 3 and No. 1.

The non-standard 185-acre unit was approved by Commission Order No. R-594, case No. 829, dated February 28, 1955. The simultaneous dedication of the State "F" DE No. 3 and No. 1 to this unit was approved by Commission Order R-5280, case No. 5747, dated September 16, 1976. The State "F" DE No. 4 was producing from the Eumont oil and gas zone and was shut-in in August 1967. The most recent production test in December 1976, shows this well produced 1 BOPD and 298 MCFGD.

Atlantic Richfield Company believes approval of this request will protect correlative rights, promote conservation and encourage the efficient recovery of gas reserves. Attached are an acreage dedication plat, a map of the area, and a list of offset operators who are being notified with a copy of this application.

Very truly yours,

J. L. Tweed
J. L. Tweed *WJ Porter*

HQP/agp

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

*Aug
Oct 11/54
Comp 12/20/54*

OFFSET OPERATORS

State "F" DE No. 1

1. Shell Oil Company
P. O. Box 1509
Midland, Texas 79701
2. Gulf Energy & Minerals Company - US
P. O. Box 1150
Midland, Texas 79701
3. Conoco
P. O. Box 460
Hobbs, New Mexico 88240
4. Millard Deck
P. O. Box 1047
Eunice, New Mexico

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

Form C-102
Supersedes C-128
Effective 1-1-55

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

Operator ATLANTIC RICHFIELD COMPANY			Lease STATE "F" DE		Well No. 4
Unit Letter M	Section 19	Township 21South	Range 36East	County Lea	
Actual Footage Location of Well:					
330 feet from the South line and		330 feet from the West line			
Ground Level Elev. 3636'	Producing Formation Seven Rivers-Queen, Yates	Pool Eumont	Dedicated Acreage: 185 Acres		

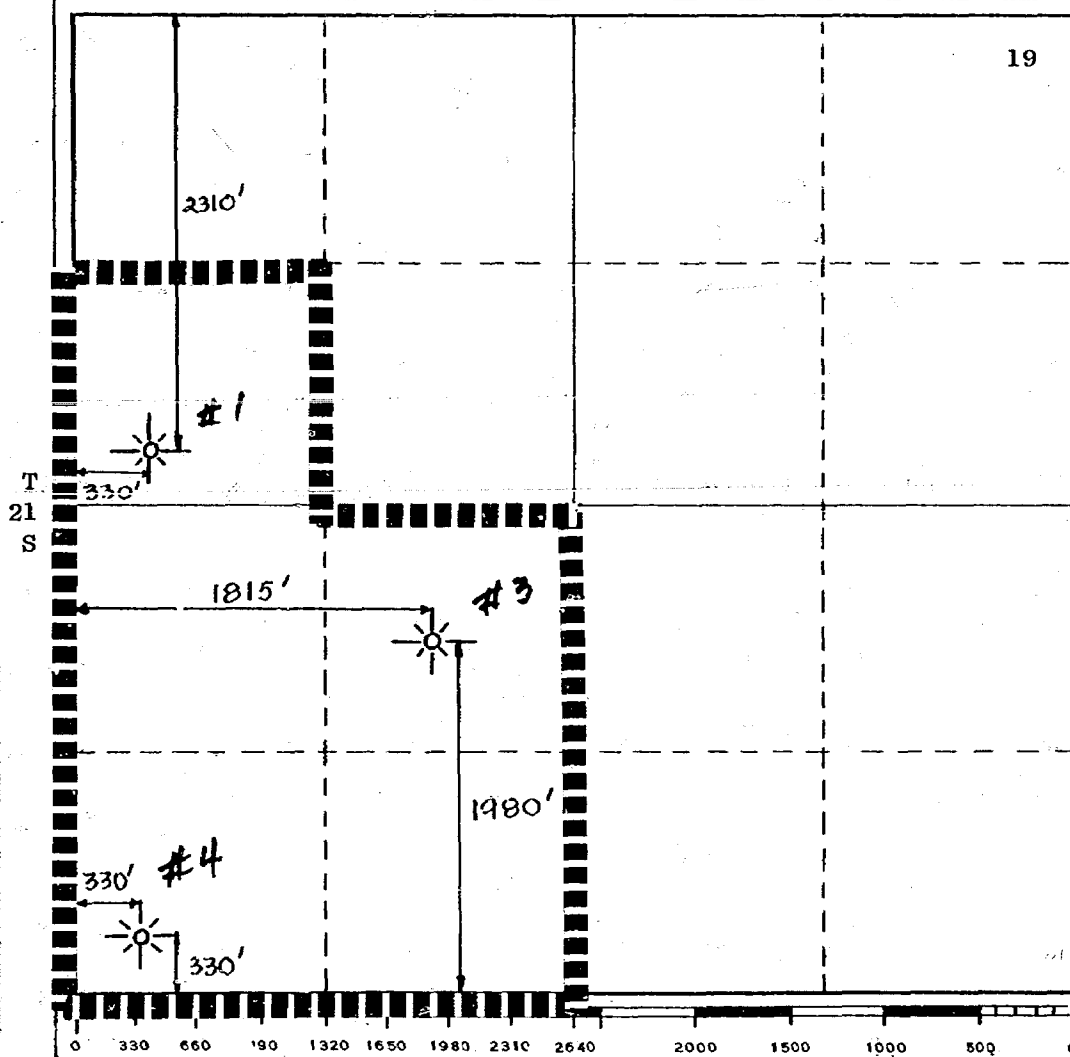
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☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.

R-36E



CERTIFICATION

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

Huan Quoc Pham
Name

Huan Quoc Pham
Position

Operations Engineer
Company

Atlantic Richfield Company
Date

December 8, 1976

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.

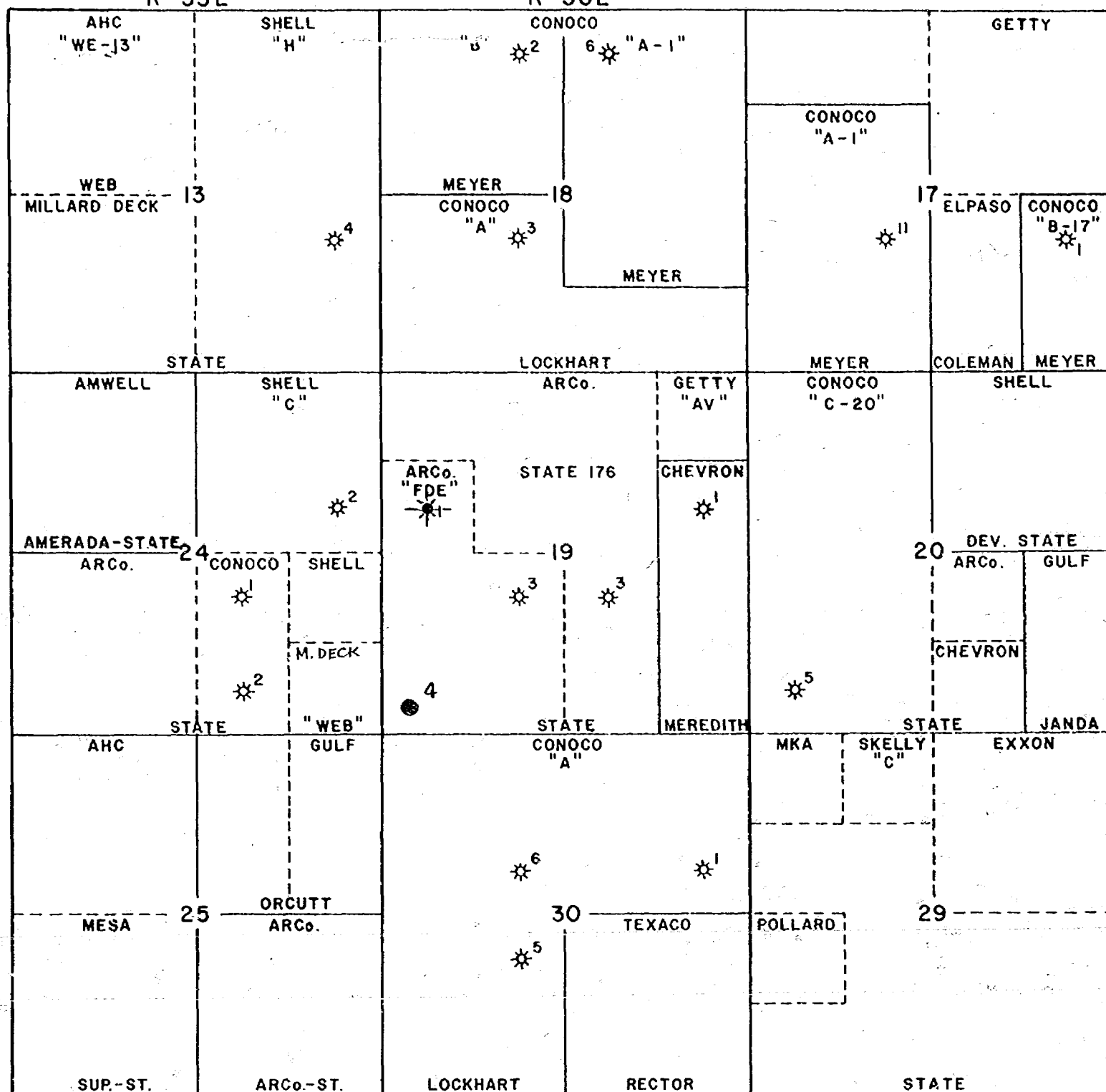
Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

R-35E

R-36E



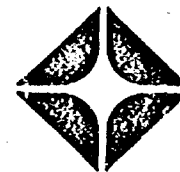
Atlantic Richfield Company 
 North American Producing Division
 Permian District Midland, Texas

STATE F DE LEASE
 EUMONT GAS PRODUCTION

By	Drawn By	M.R.	Date	7-7-76
Date	Revised By		Date	
Dept	Draw No			

Atlantic Richfield Company

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



December 8, 1976

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

Re: Dedication of the State "F" DE No. 4
Section 19, T-21S, R-36E
Lea County, New Mexico

Dear Mr. Ramey:

Atlantic Richfield Company requests administrative approval to simultaneously dedicate a previously established 185-acre Eumont gas proration unit to three wells, the State "F" DE No. 1, No. 3, and No. 4. Currently the unit, SW/4 and SW/4 NW/4 of Section 19, T-21S, R-36E is classified as marginal with all acreage dedicated to the State "F" DE No. 3 and No. 1.

The non-standard 185-acre unit was approved by Commission Order No. R-594, case No. 829, dated February 28, 1955. The simultaneous dedication of the State "F" DE No. 3 and No. 1 to this unit was approved by Commission Order R-5280, case No. 5747, dated September 16, 1976. The State "F" DE No. 4 was producing from the Eumont oil and gas zone and was shut-in in August 1967. The most recent production test in December 1976, shows this well produced 1 BOPD and 298 MCFGD.

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Very truly yours,

J. L. Tweed
J. L. Tweed *W. J. Porter*

HQP/agp

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

OFFSET OPERATORS

State "F" DE No. 1

1. Shell Oil Company
P. O. Box 1509
Midland, Texas 79701
2. Gulf Energy & Minerals Company - US
P. O. Box 1150
Midland, Texas 79701
3. Conoco
P. O. Box 460
Hobbs, New Mexico 88240
4. Millard Deck
P. O. Box 1047
Eunice, New Mexico

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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Unit Letter M	Section 19	Township 21South	Range 36East	County Lea	
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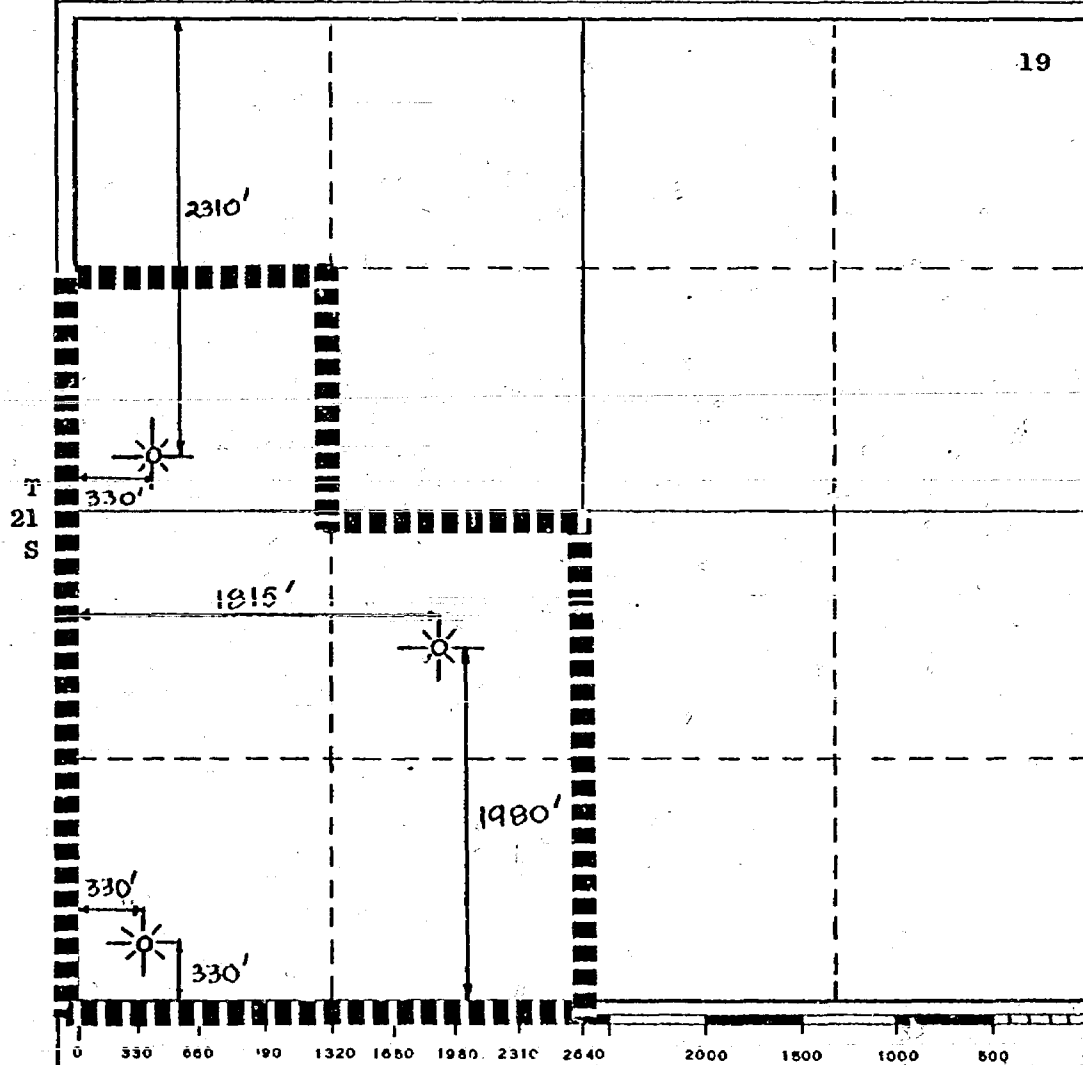
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R-36E



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Huan Quoc Pham

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Company

Atlantic Richfield Company

Date

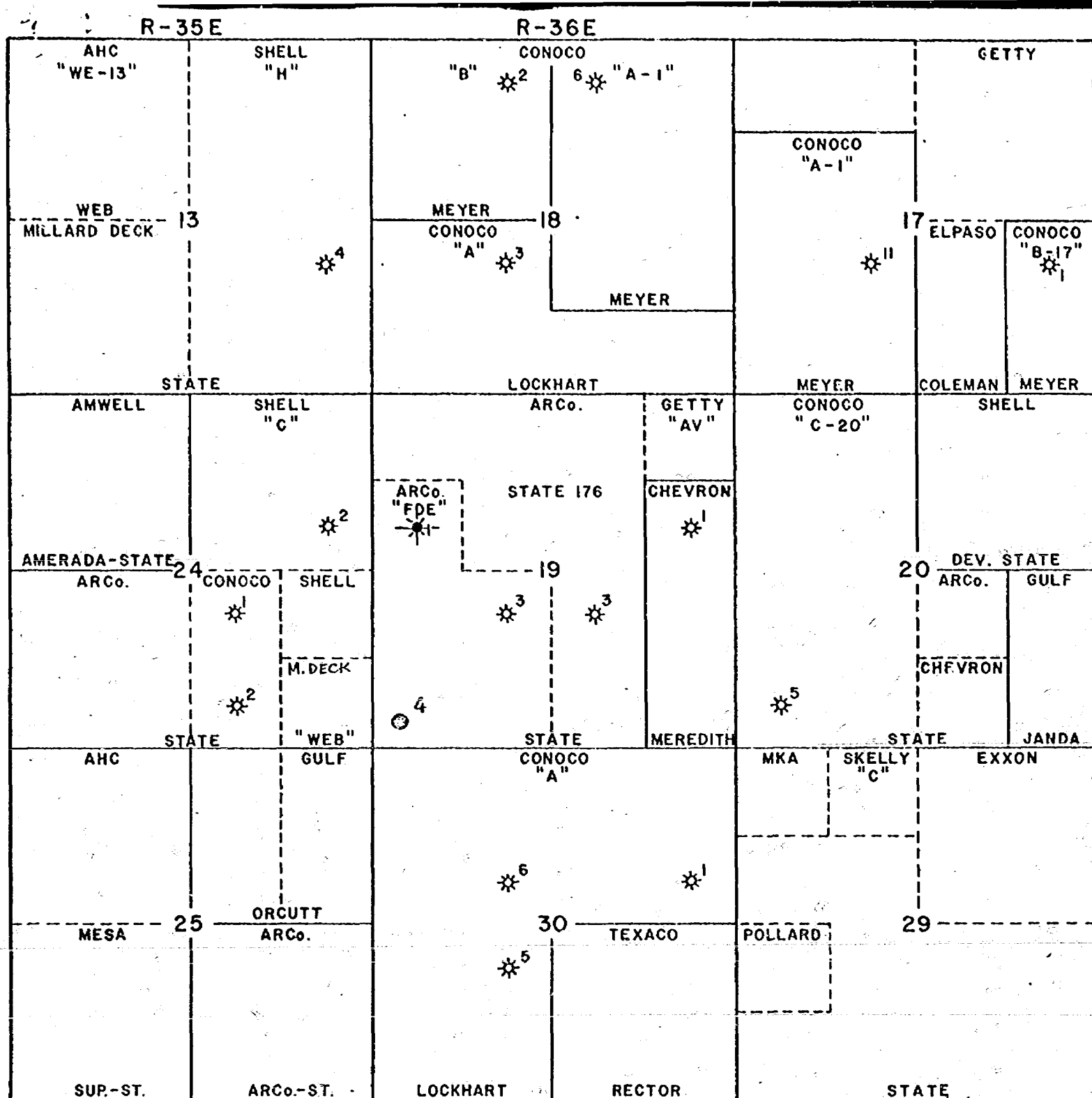
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Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



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

STATE F DE LEASE
 EUMONT GAS PRODUCTION

By	Drawn By	M.R.	Date	7-7-76
Date	Revised By		Date	
Dept	Drawn By		Date	

Atlantic Richfield Company

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



December 8, 1976

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

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Section 19, T-21S, R-36E
Lea County, New Mexico

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HQP/agp

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Hobbs, New Mexico

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

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Effective 1-1-65

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

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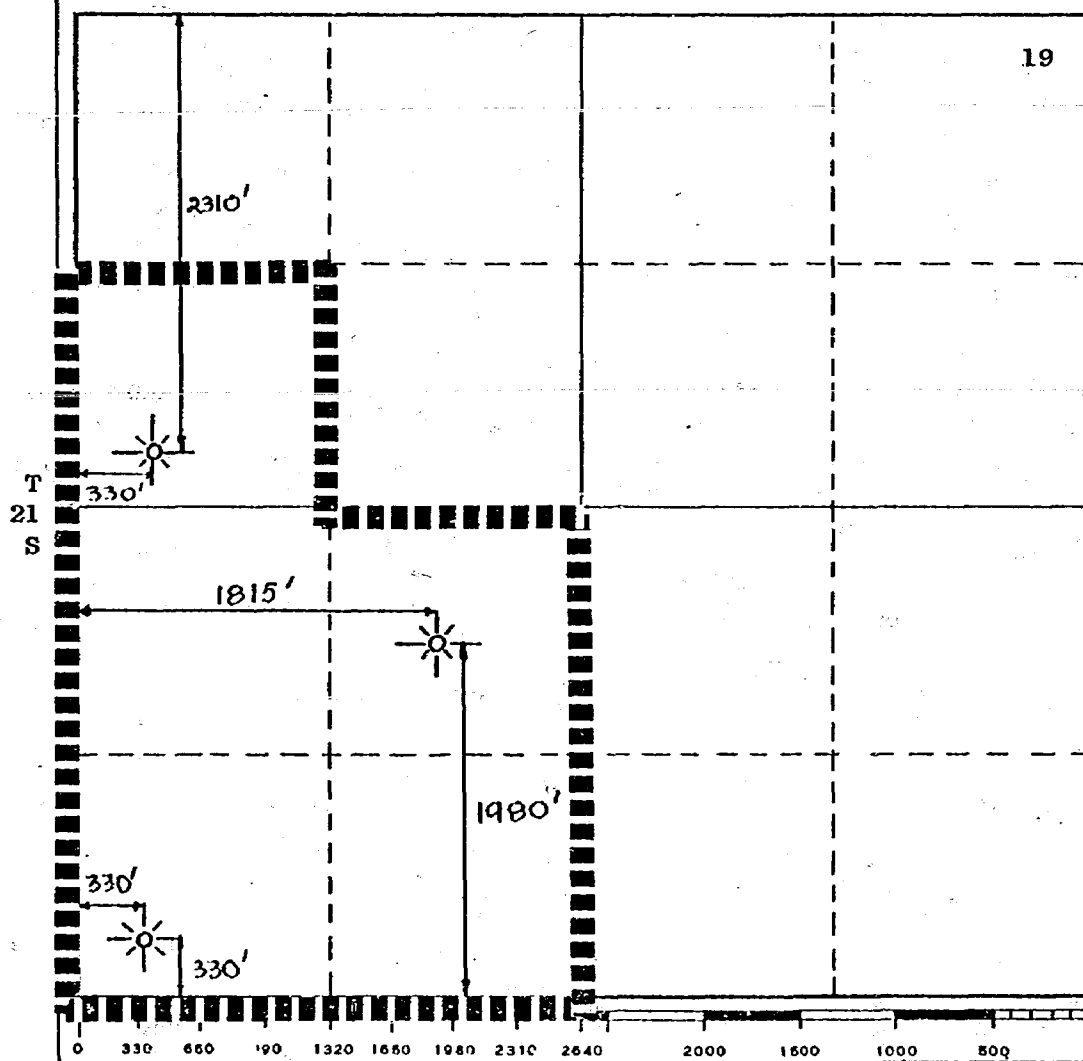
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R-36E



CERTIFICATION

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Huan Quoc Pham

Name

Huan Quoc Pham

Position

Operations Engineer

Company

Atlantic Richfield Company

Date

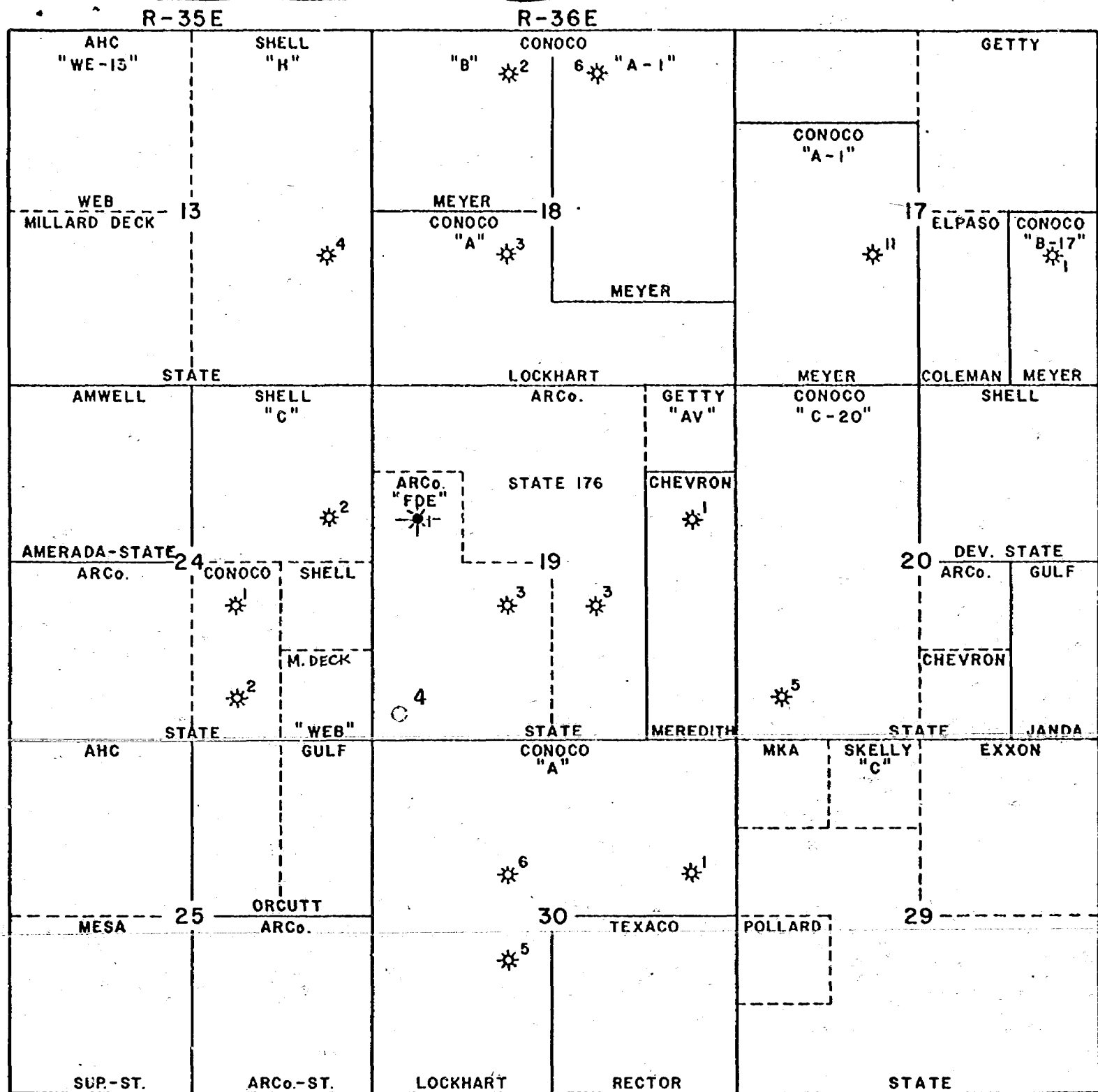
December 8, 1976

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Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.



AtlanticRichfieldCompany
 North American Producing Division
 Permian District Midland, Texas

STATE F DE LEASE
 EUMONT GAS PRODUCTION

By	Drawn By	Date
Date	Revised By	Date
Dept	Drawn By	Date

Case 5826

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE December 14, 1976

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

Gentlemen:

I have examined the application dated _____
for the Atlantic Richfield Co. State F "DE" #1, #3, & #4 19-21-36
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K. --- J.S.

Yours very truly,

Jerry Sexton

ROUGH

dr/

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:

JDR

CASE NO. 5826

Order No. R-5280-17

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

JS

JS

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 5, 1977,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this _____ day of January, 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, is
the operator of a previously established 185-acre non-standard
Eumont gas proration unit comprising the SW/4 and SW/4 NW/4 of
Section 19, Township 21 South, Range 36 East, NMPM, Eumont Gas
Pool, Lea County, New Mexico.

(3) That the applicant seeks to simultaneously dedicate to
said non-standard unit its State "F" DE Well No. 1 at an
unorthodox location 2310 feet from the North line and 330
feet from the West line of said Section 19, and its State "F"
DE Well No. 3, located 1980 feet from the South line and 1815
feet from the West line of said Section 19, and its State "F" DE
Well No. 4 at an unorthodox location 330 feet from the South line and 330 feet
from the West line of said Section 19.

(4) That the proposed non-standard gas proration unit can
be efficiently and economically drained and developed by the
subject wells.

~~(5) That approval of the subject application will afford
the applicant the opportunity to produce its just and equitable
share of the gas in the Eumont Gas Pool and will otherwise
prevent waste and protect correlative rights.~~

--2-

Case No. 5826
Order No. R-

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

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas 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.

(7) That Commission Order No. R-5280 dated September 16, 1976, which approved the aforesaid non-standard proration unit dedicated to the State "F" DE Well No. 3 only, should be superseded.

IT IS THEREFORE ORDERED:

(1) That the applicant, Atlantic Richfield Company, is hereby authorized to simultaneously dedicate a previously established 185-acre non-standard gas proration unit comprising the SW/4 and SW/4 NW/4 of Section 19, Township 21 South, Range 36 East, NMPM, Eumont Gas Pool, Lea County, New Mexico, to its State "F" DE Well No. 1 at an unorthodox location 2310 feet from the North line and 330 feet from the West line of said Section 19, and to its State "F" DE Well No. 3, located 1980 feet from the South line and 1815 feet from the West line of said Section 19, and to its State "F" DE Well No. 4, located 330 feet from the South line and 330 feet from the West line of said Section 19.

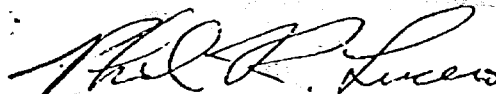
(2) That the allowable assigned to the above-described gas proration unit shall be based upon the unit size of 320 acres, and that the operator may produce the allowable assigned to the unit from the subject wells in any proportion.

(3) That Commission Order No. R-5280 is hereby superseded.

(4) 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, Chairman

EMERY C. ARNOLD, Member


JOE D. RAMEY, Member & Secretary

S E A L

dr/