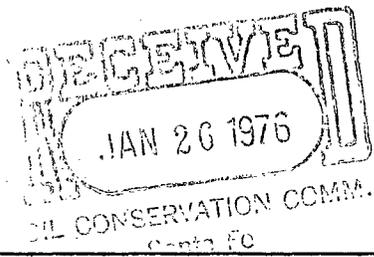


GRIFFIN & BURNETT, INC.

Oil Properties



KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683.2705

January 23, 1976

Re: File No. 3002
McGRUDER HILL UNIT
Eddy County, New Mexico
REQUEST FOR APPROVAL OF
NON-STANDARD LOCATION

OIL CONSERVATION COMMISSION
State of New Mexico
State Land Office Building
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey
Secretary Director

Gentlemen:

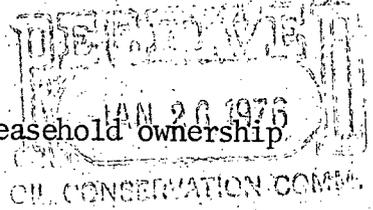
In behalf of Northern Natural Gas Company we hereby request administrative approval to drill the #1 McGruder Hill Unit well at a non-standard location 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, with the N/2 of said Section 13 being designated as the proration unit for the well. You have approved the McGruder Hill Unit under your case No. 5608, Order No. R-5150.

Northern had originally planned to drill this well at a standard location 1,980 feet from the North and East lines of said Section 13, but upon the surveyor, the dirt contractor and representatives of Northern making an on the ground examination of this proposed drillsite it was determined that the topography made it impossible to drill this location. Accordingly, it was decided that a location 1,980' from the North line and 660 feet from the East line of Section 13, as herein requested, was the best alternative.

To support this request we submit herewith the following:

- 1) Three (3) copies of U.S.G.S. Form No. 9-331C - Application for Permit to Drill, Deepen or Plug Back
- 2) Three (3) copies of State of New Mexico Form No. C-102 - Well Location and Acreage Dedication Plat.

NSL - 751
104 F
Done Feb 15
Northern Natural Gas Co.
applicant



- 3) Three (3) copies of a land plat showing leasehold ownership in this immediate area.
- 4) Three (3) copies of a plat showing the topography in this immediate area.
- 5) By certified mail we are today notifying the leasehold owners under the following described tracts of our request for approval of a non-standard location (copies of our notice letters are attached):

TOWNSHIP 22 SOUTH, RANGE 25 EAST

Section 11: SE/4 (Monsanto)
Section 14: NE/4 (Franklin, Aston & Fair)
 SE/4 (Pennzoil)

TOWNSHIP 22 SOUTH, RANGE 26 EAST

Section 7: Lot 3 & SE/4 SW/4 (Inexco)
 Lot 4 (E. L. Latham, Jr.)
 NE/4 SW/4 (Superior, Atlantic,
 D. Fasken, Tom Brown, Inc.)

Your prompt approval of this request will be appreciated. Should you need any additional information, please contact the writer.

Yours very truly,

Kenneth H. Griffin

KHG/gp
Enclosures

cc: Mr. C. F. Keller
 Northern Natural Gas Company
 403 Wall Towers West
 Midland, Texas 79701

NSL - 751

OIL CONSERVATION COMMISSION
Artesia DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

RECEIVED
FEB - 6 1976
OIL CONSERVATION COMM.
Santa Fe

DATE 2-5-76

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

Gentlemen:

I have examined the application dated Jan. 23, 1976
for the Northern Natural Gas Co. Magruder Hill Unit #1-H-13-22-25
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approval

Yours very truly,

W. A. Gressett

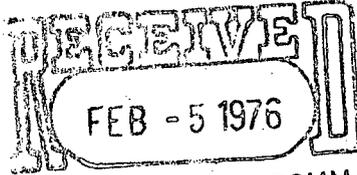
GRIFFIN & BURNETT, INC.

Hawes

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683.2705



OIL CONSERVATION COMM.
Santa Fe

February 2, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico
REQUEST FOR APPROVAL
OF NON-STANDARD LOCATION
(#1 McGruder Hill Unit)

OIL CONSERVATION COMMISSION
State of New Mexico
State Land Office Building
Santa Fe, New Mexico 87501

*Appl. for
Northern Natural Gas Co*

Attention: Mr. Joe D. Riney
Secretary Director

Gentlemen:

Reference is made to our letter of January 23, 1976, above subject.

To complete our request we now submit herewith copies of our letters of January 23, 1976, properly executed by the offset owners stating that there is no objection to our proposed location.

It is requested that Northern Natural Gas Company's application to drill the above well be approved as soon as possible.

Yours very truly,

Kenneth H. Griffin
Kenneth H. Griffin

KHG/jj
Enclosures

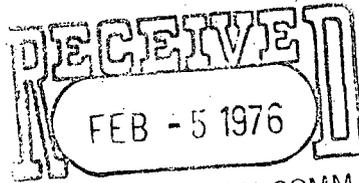
cc: Mr. C. F. Keller
NORTHERN NATURAL GAS COMPANY
400 Wall Towers West
Midland, Texas 79701

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683-2705



January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

OIL CONSERVATION COMM.
Santa Fe

MONSANTO COMPANY
101 N. Marienfeld
Midland, Texas 79701

Gentlemen:

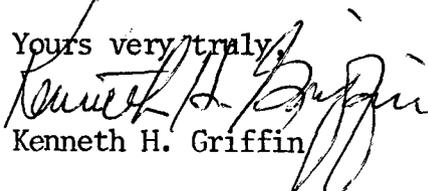
According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 25 EAST
Section 11: SE/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

As an offset owner to the 320 acre proration unit involved, it will be sincerely appreciated if you will sign a copy of this letter in the space provided stating that you have no objection to our proposed location, and return same to the writer.

Yours very truly,


Kenneth H. Griffin

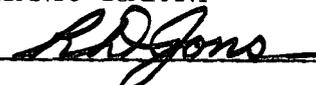
KHG/gp
Enclosures

cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

We have no objection to the #1 McGruder Hill Unit Well being located 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, in a proration unit covering the N/2 of said Section 13.

MONSANTO COMPANY

Date: Jan. 26, 1976

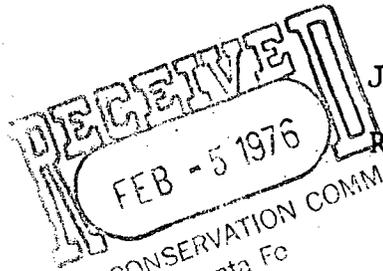
BY: 

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683.2705



January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

FRANKLIN, ASTON & FAIR
P. O. Box 1090
Roswell, New Mexico 88201

Gentlemen:

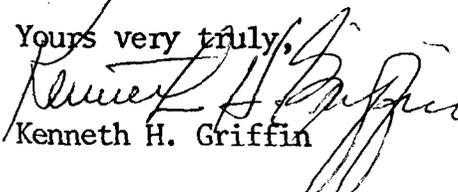
According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 25 EAST
Section 14: NE/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

As an offset owner to the 320 acre proration unit involved, it will be sincerely appreciated if you will sign a copy of this letter in the space provided stating that you have no objection to our proposed location, and return same to the writer.

Yours very truly,


Kenneth H. Griffin

KHG/gp

Enclosures

cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

We have no objection to the #1 McGruder Hill Unit Well being located 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, in a proration unit covering the N/2 of said Section 13.

FRANKLIN, ASTON & FAIR, LTD.

Date: January 26, 1976

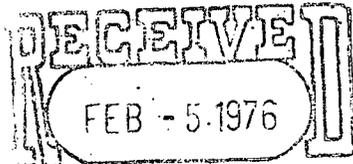
BY: Tom P. Stephens
General Partner

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683.2705



OIL CONSERVATION COMM.
Santa Fe

January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

PENNZOIL COMPANY
P. O. Box 1828
Midland, Texas 79701

Gentlemen:

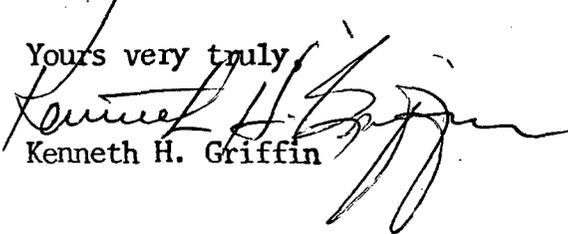
According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 25 EAST
Section 14: SE/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

As an offset owner to the 320 acre proration unit involved, it will be sincerely appreciated if you will sign a copy of this letter in the space provided stating that you have no objection to our proposed location, and return same to the writer.

Yours very truly,


Kenneth H. Griffin

KHG/gp

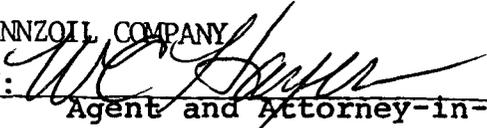
Enclosures

cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

We have no objection to the #1 McGruder Hill Unit Well being located 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, in a proration unit covering the N/2 of said Section 13.

Date: January 27, 1976

PENNZOIL COMPANY

BY: 
Agent and Attorney-in-Fact



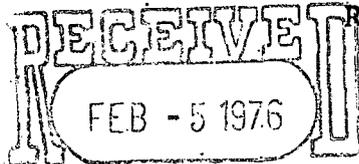
GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683.2705

January 23, 1976



Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

INEXCO OIL COMPANY
Suite 1900, 1100 Milam Building
Houston, Texas 77002

Gentlemen:

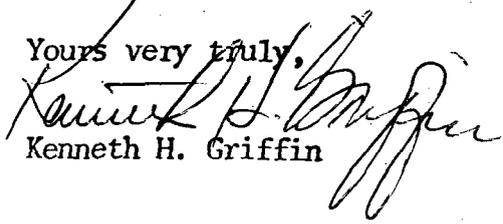
According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 26 EAST
Section 7: Lot 3 and SE/4 SW/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

As an offset owner to the 320 acre proration unit involved, it will be sincerely appreciated if you will sign a copy of this letter in the space provided stating that you have no objection to our proposed location, and return same to the writer.

Yours very truly,


Kenneth H. Griffin

KHG/gp

Enclosures

cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

We have no objection to the #1 McGruder Hill Unit well being located 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, in a proration unit covering the N/2 of said Section 13.

Date: January 26, 1976

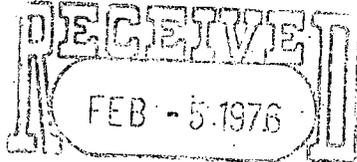

VICE/PRESIDENT

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683.2705



January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

Mr. E. L. Latham, Jr.
P. O. Box 1392
Hobbs, New Mexico

Dear Sir:

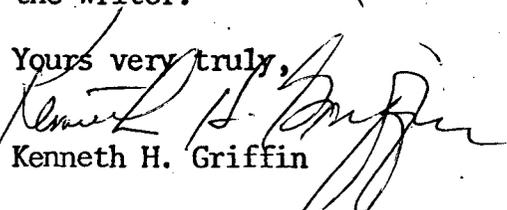
According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 26 EAST
Section 7: Lot 4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

As an offset owner to the 320 acre proration unit involved, it will be sincerely appreciated if you will sign a copy of this letter in the space provided stating that you have no objection to our proposed location, and return same to the writer.

Yours very truly,


Kenneth H. Griffin

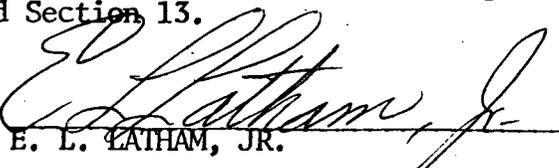
KHG/gp

Enclosures

cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

I have no objection to the #1 McGruder Hill Unit well being located 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, in a proration unit covering the N/2 of said Section 13.

Date: 1/26/76

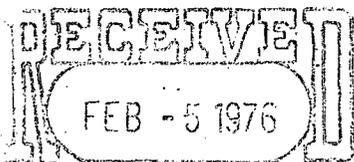

E. L. LATHAM, JR.

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683-2705



January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

OIL CONSERVATION COMM.
Santa Fe

THE SUPERIOR OIL COMPANY
P. O. Box 1900
Midland, Texas 79701

Gentlemen:

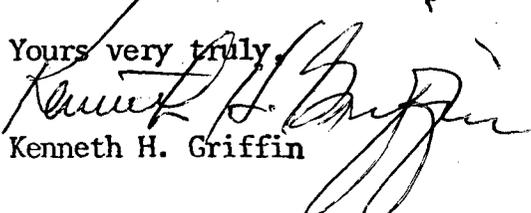
According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 26 EAST
Section 7: NE/4 SW/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

As an offset owner to the 320 acre proration unit involved, it will be sincerely appreciated if you will sign a copy of this letter in the space provided stating that you have no objection to our proposed location, and return same to the writer.

Yours very truly,


Kenneth H. Griffin

KHG/gp

Enclosures

cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

We have no objection to the #1 McGruder Hill Unit well being located 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, in a proration unit covering the N/2 of said Section 13.

Date: Jan. 26, 1976

THE SUPERIOR OIL COMPANY

BY: Warren R. Haguet

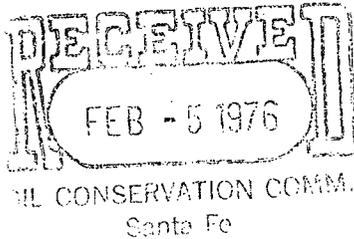
DGC - Any comment? *gm*

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683.2705



January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

ATLANTIC RICHFIELD COMPANY
P. O. Box 1610
Midland, Texas 79701

Gentlemen:

According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 26 EAST
Section 7: NE/4 SW/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

As an offset owner to the 320 acre proration unit involved, it will be sincerely appreciated if you will sign a copy of this letter in the space provided stating that you have no objection to our proposed location, and return same to the writer.

Yours very truly,

Kenneth H. Griffin
Kenneth H. Griffin

KHG/gp

Enclosures

cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

We have no objection to the #1 McGruder Hill Unit well being located 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, in a proration unit covering the N/2 of said Section 13.

ATLANTIC RICHFIELD COMPANY

Date: 1-29-76

BY: *J. J. Tweed*

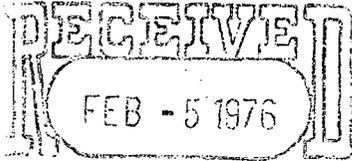
Return to Mr. Griffin

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683.2705



Oil CONSERVATION COMM.
Santa Fe

January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

DAVID FASKEN
First National Bank Building
Midland, Texas 79701

Dear Sir:

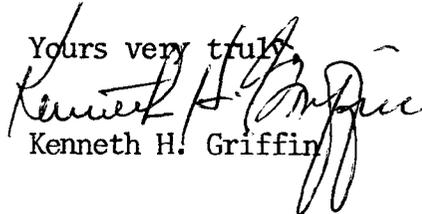
According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 26 EAST
Section 7: NE/4 SW/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

As an offset owner to the 320 acre proration unit involved, it will be sincerely appreciated if you will sign a copy of this letter in the space provided stating that you have no objection to our proposed location, and return same to the writer.

Yours very truly,

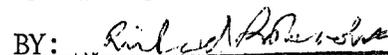

Kenneth H. Griffin

KHG/gp
Enclosures
cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

We have no objection to the #1 McGruder Hill Unit well being located 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, in a proration unit covering the N/2 of said Section 13.

DAVID FASKEN

Date: 1-30-76

BY: 

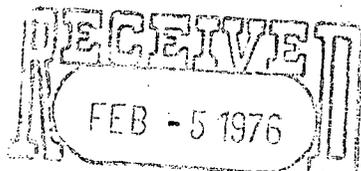
Richard S. Brooks, Attorney

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683.2705



OIL CONSERVATION COMM.
Santa Fe

January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

TOM BROWN, INC.
Midland Tower Building
Midland, Texas 79701

Gentlemen:

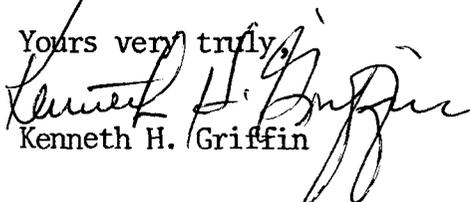
According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 26 EAST
Section 7: NE/4 SW/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

As an offset owner to the 320 acre proration unit involved, it will be sincerely appreciated if you will sign a copy of this letter in the space provided stating that you have no objection to our proposed location, and return same to the writer.

Yours very truly,


Kenneth H. Griffin

KHG/gp
Enclosures
cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

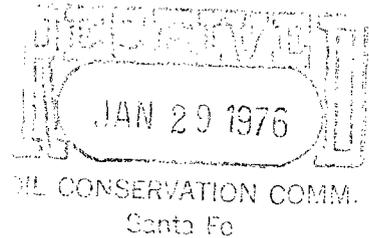
We have no objection to the #1 McGruder Hill Unit well being located 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, in a proration unit covering the N/2 of said Section 13.

Date: 1/26/76

TOM BROWN, INC.

BY: 

EXPLORATION DIVISION
401 Wall Towers West
Midland, Texas 79701
Phone (915) 682-3711



C. F. KELLER
Exploration Manager

January 27, 1976

Oil Conservation Commission
State of New Mexico
State Land Office Building
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey,
Secretary Director

Re: McGruder Hill Unit
Eddy County, New Mexico
Case No. 5608
Order No. R-5150

Gentlemen:

On behalf of Northern Natural Gas Company, Mr. Kenneth H. Griffin submitted a request for approval of a non standard location under letter dated January 23, 1976. Submitted with this request were supporting documents including three copies of U.S.G.S. Form 9-331 C "Application for Permit to Drill, Deepen, or Plug Back.

The U.S.G.S. has requested we set 30 feet of conductor pipe which was not shown on the originally submitted U.S.G.S. Form 9-331 C. We have made that requested correction and furnish your office with corrected U.S.G.S. Form 9-331 C in triplicate.

Very truly yours,

NORTHERN NATURAL GAS COMPANY

A handwritten signature in cursive script that reads 'Frank C. Estep'.

Frank C. Estep
Landman

gj
Enclosures

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL DEEPEN PLUG BACK

2. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

3. NAME OF OPERATOR
Northern Natural Gas Company

4. ADDRESS OF OPERATOR
401 Wall Towers West Midland, Texas 79701

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1980' FNL & 660' FEL, Sec 13, 22S, 25E

At proposed prod. zone

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
6 miles southwest of Carlsbad, New Mexico

7. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 660
(Also to nearest drig. unit line, if any)

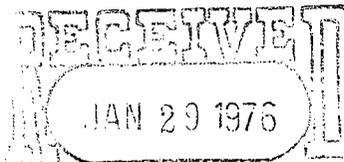
8. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. ---

9. ELEVATIONS (Show whether DF, RT, GR, etc.) 3,780.29' GR

10. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	54.5	30'	Circulated
12-1/4"	9-5/8"	43.5	1,850'	Circulated
7-7/8"	4-1/2"	11.6	11,400'	250 sacks

Rotary tools will be used to drill the above hole sizes. Horizons to be tested are the Cisco Canyon, Strawn and Morrow. All shows will be drillstem tested. A compensated Neutron-Formation Density log and Dual Induction Laterolog will be run. Mud will be used as the circulating fluid. The used 9-5/8" casing has been inspected and has defects affecting no more than 12.5% of the original tabulated body wall thickness. The pay section will be perforated, acidized and fraced. Series 1500 blowout preventer as shown on the attachment will be used.



11. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

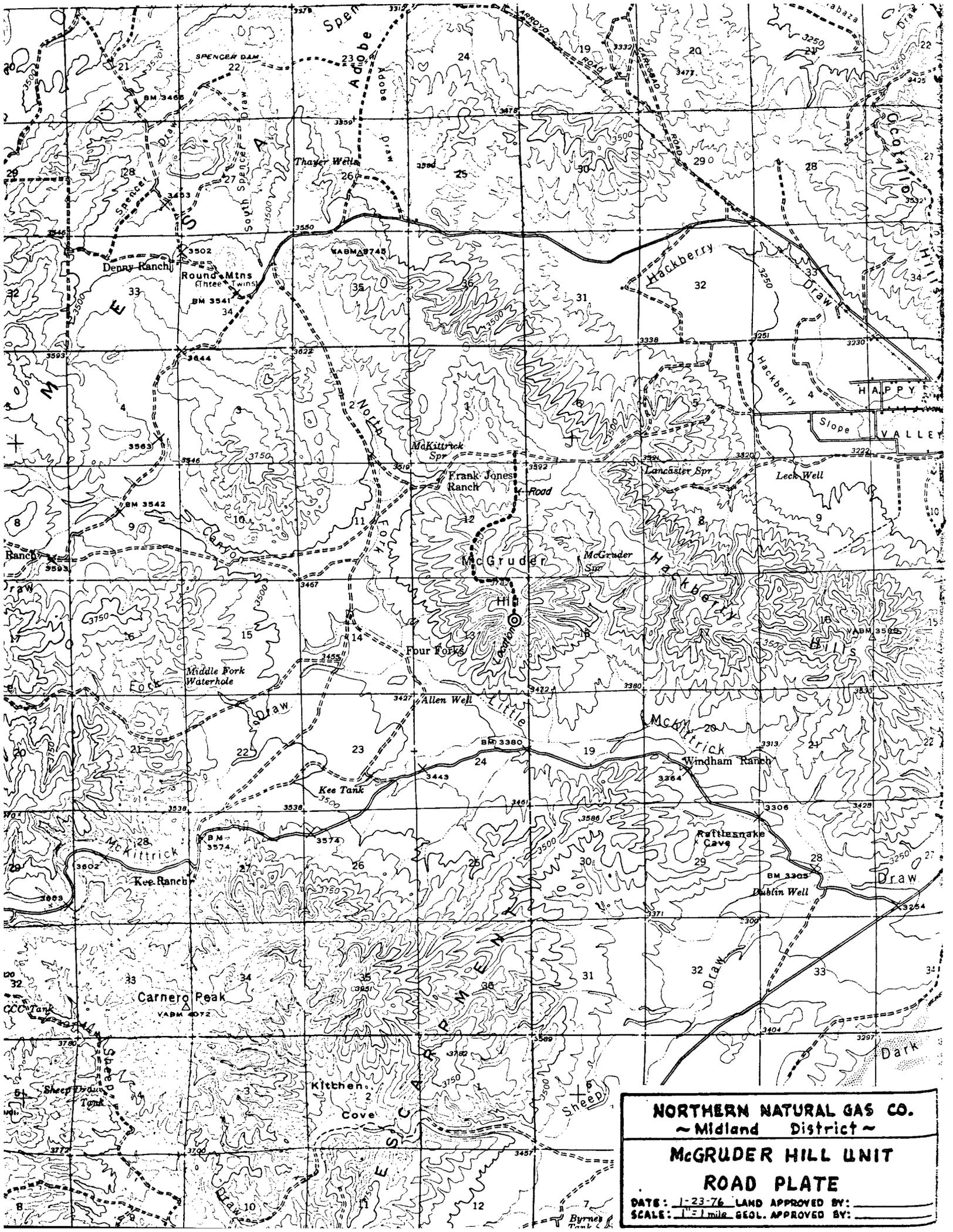
12. SIGNED AB Ross **13. TITLE** Director, Engineering **14. DATE** 1-27-76

(This space for Federal or State office use)

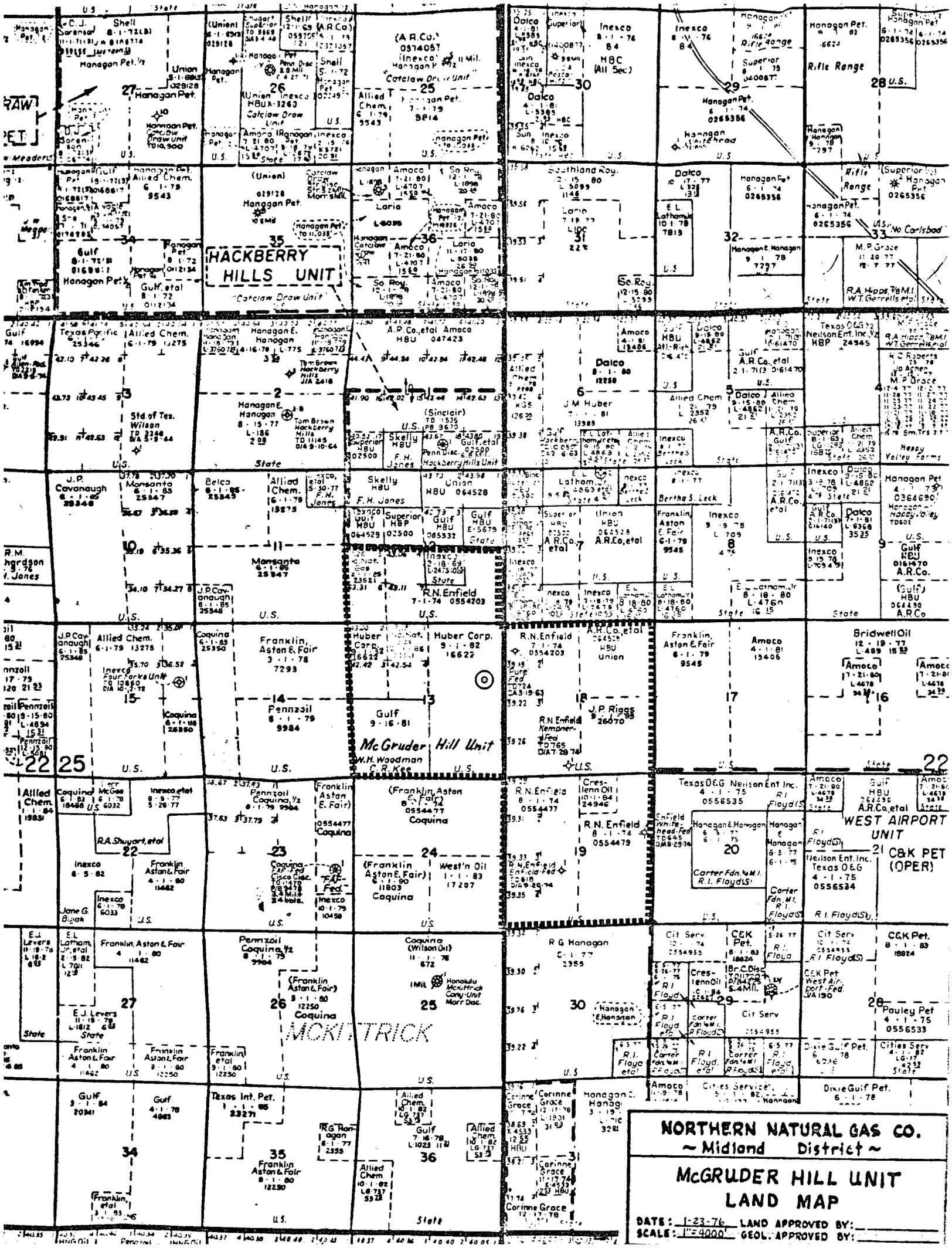
15. PERMIT NO. _____ **16. APPROVAL DATE** _____

17. APPROVED BY _____ **18. TITLE** _____ **19. DATE** _____

20. CONDITIONS OF APPROVAL, IF ANY:



NORTHERN NATURAL GAS CO.
 ~ Midland District ~
McGRUDER HILL UNIT
ROAD PLATE
 DATE: 1-23-76 LAND APPROVED BY: _____
 SCALE: 1" = 1 mile GEOL. APPROVED BY: _____



HACKBERRY HILLS UNIT
Catclaw Draw Unit

McGruder Hill Unit
W.H. Woodman
C.R. Kee

NORTHERN NATURAL GAS CO.
~ Midland District ~
McGRUDER HILL UNIT
LAND MAP

DATE: 1-23-76 LAND APPROVED BY: _____
SCALE: 1"=4000' GEOL. APPROVED BY: _____

MCKITTRICK

WEST AIRPORT UNIT
C&K PET (OPER)

Map containing numerous land parcels with owner and lease information. Key entries include:

- Parcel 25:** (A.R.Co.) 0574057, Innecco, HBC (All Sec), Catclaw Draw Unit.
- Parcel 26:** Union, Shell, Amoco, Gulf, etc.
- Parcel 27:** Union, Shell, Amoco, Gulf, etc.
- Parcel 28:** Superior, Rifle Range, etc.
- Parcel 29:** Innecco, Rifle Range, etc.
- Parcel 30:** Innecco, Rifle Range, etc.
- Parcel 31:** Innecco, Rifle Range, etc.
- Parcel 32:** Innecco, Rifle Range, etc.
- Parcel 33:** Superior, Rifle Range, etc.
- Parcel 34:** Gulf, Rifle Range, etc.
- Parcel 35:** Hackberry Hills Unit, Catclaw Draw Unit.
- Parcel 36:** Amoco, Rifle Range, etc.
- Parcel 37:** Amoco, Rifle Range, etc.
- Parcel 38:** Amoco, Rifle Range, etc.
- Parcel 39:** Amoco, Rifle Range, etc.
- Parcel 40:** Amoco, Rifle Range, etc.
- Parcel 41:** Amoco, Rifle Range, etc.
- Parcel 42:** Amoco, Rifle Range, etc.
- Parcel 43:** Amoco, Rifle Range, etc.
- Parcel 44:** Amoco, Rifle Range, etc.
- Parcel 45:** Amoco, Rifle Range, etc.
- Parcel 46:** Amoco, Rifle Range, etc.
- Parcel 47:** Amoco, Rifle Range, etc.
- Parcel 48:** Amoco, Rifle Range, etc.
- Parcel 49:** Amoco, Rifle Range, etc.
- Parcel 50:** Amoco, Rifle Range, etc.
- Parcel 51:** Amoco, Rifle Range, etc.
- Parcel 52:** Amoco, Rifle Range, etc.
- Parcel 53:** Amoco, Rifle Range, etc.
- Parcel 54:** Amoco, Rifle Range, etc.
- Parcel 55:** Amoco, Rifle Range, etc.
- Parcel 56:** Amoco, Rifle Range, etc.
- Parcel 57:** Amoco, Rifle Range, etc.
- Parcel 58:** Amoco, Rifle Range, etc.
- Parcel 59:** Amoco, Rifle Range, etc.
- Parcel 60:** Amoco, Rifle Range, etc.
- Parcel 61:** Amoco, Rifle Range, etc.
- Parcel 62:** Amoco, Rifle Range, etc.
- Parcel 63:** Amoco, Rifle Range, etc.
- Parcel 64:** Amoco, Rifle Range, etc.
- Parcel 65:** Amoco, Rifle Range, etc.
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- Parcel 73:** Amoco, Rifle Range, etc.
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- Parcel 85:** Amoco, Rifle Range, etc.
- Parcel 86:** Amoco, Rifle Range, etc.
- Parcel 87:** Amoco, Rifle Range, etc.
- Parcel 88:** Amoco, Rifle Range, etc.
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- Parcel 92:** Amoco, Rifle Range, etc.
- Parcel 93:** Amoco, Rifle Range, etc.
- Parcel 94:** Amoco, Rifle Range, etc.
- Parcel 95:** Amoco, Rifle Range, etc.
- Parcel 96:** Amoco, Rifle Range, etc.
- Parcel 97:** Amoco, Rifle Range, etc.
- Parcel 98:** Amoco, Rifle Range, etc.
- Parcel 99:** Amoco, Rifle Range, etc.
- Parcel 100:** Amoco, Rifle Range, etc.

**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.

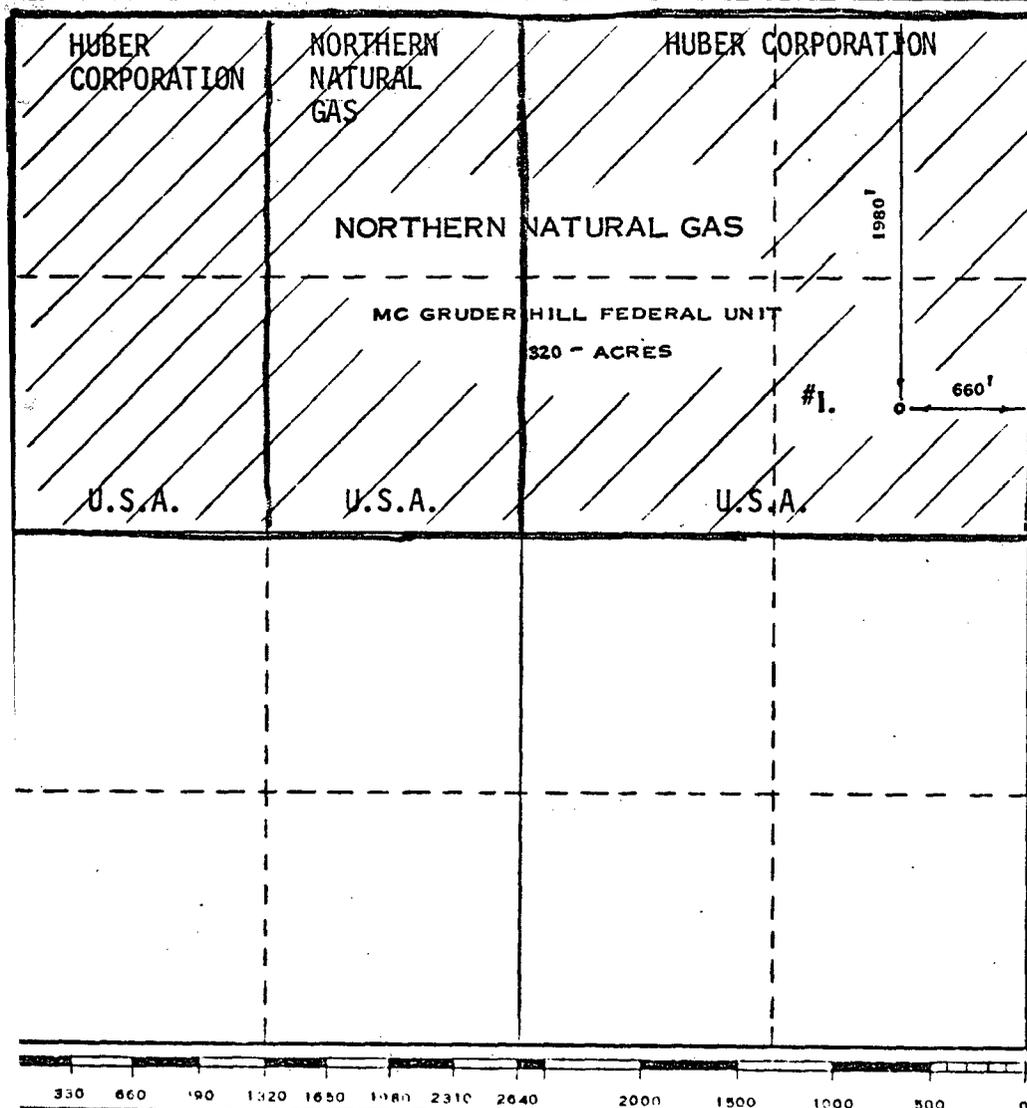
Operator NORTHERN NATURAL GAS		Lease McGRUDER HILL FEDERAL UNIT		Well No. I
Unit Letter H	Section 13	Township 22 - S	Range 25 - E	County EDDY
Actual Footage Location of Well: 1980 feet from the NORTH line and 660 feet from the EAST line				
Ground Level Elev. 3780.3	Producing Formation MORROW	Pool WILDCAT	Dedicated Acreage: XXX 320 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?

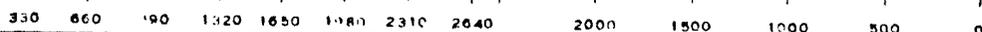
Yes No If answer is "yes," type of consolidation UNITIZATION

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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
Name	N. B. Ross
Position	Engineer
Company	Northern Natural Gas Co.
Date	January 22, 1976
<i>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.</i>	
Date Surveyed	JANUARY 22, 1976
Registered Professional Engineer and/or Land Surveyor	<i>Max A. Schumann, Jr.</i> MAX A. SCHUMANN, JR.
Certificate No.	1510



GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683-2705

January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

Mr. E. L. Latham, Jr.
P. O. Box 1392
Hobbs, New Mexico

Dear Sir:

According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 26 EAST
Section 7: Lot 4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

As an offset owner to the 320 acre proration unit involved, it will be sincerely appreciated if you will sign a copy of this letter in the space provided stating that you have no objection to our proposed location, and return same to the writer.

Yours very truly,
ORIGINAL SIGNED
BY KENNETH H. GRIFFIN
Kenneth H. Griffin

KHG/gp
Enclosures
cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

I have no objection to the #1 McGruder Hill Unit well being located 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, in a proration unit covering the N/2 of said Section 13.

Date: _____

E. L. LATHAM, JR.

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683.2705

January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

INEXCO OIL COMPANY
Suite 1900, 1100 Milam Building
Houston, Texas 77002

Gentlemen:

According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 26 EAST
Section 7: Lot 3 and SE/4 SW/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

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BY KENNETH H. GRIFFIN
Kenneth H. Griffin

KHG/gp

Enclosures

cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

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Date: _____

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

JAN 20 1976
501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683-2705

January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

PENNZOIL COMPANY
P. O. Box 1828
Midland, Texas 79701

Gentlemen:

According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 25 EAST
Section 14: SE/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

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BY KENNETH H. GRIFFIN
Kenneth H. Griffin

KHG/gp
Enclosures
cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

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PENNZOIL COMPANY

Date: _____

BY: _____

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683-2705

January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

FRANKLIN, ASTON & FAIR
P. O. Box 1090
Roswell, New Mexico 88201

Gentlemen:

According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 25 EAST
Section 14: NE/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

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Kenneth H. Griffin

KHG/gp
Enclosures
cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

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FRANKLIN, ASTON & FAIR

Date: _____

BY: _____

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683-2705

January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

MONSANTO COMPANY
101 N. Marienfeld
Midland, Texas 79701

Gentlemen:

According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 25 EAST
Section 11: SE/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

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ORIGINAL SIGNED
BY KENNETH H. GRIFFIN
Kenneth H. Griffin

KHG/gp

Enclosures

cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

We have no objection to the #1 McGruder Hill Unit Well being located 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, in a proration unit covering the N/2 of said Section 13.

MONSANTO COMPANY

Date: _____

BY: _____

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683-2705

January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

TOM BROWN, INC.
Midland Tower Building
Midland, Texas 79701

Gentlemen:

According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 26 EAST
Section 7: NE/4 SW/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

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ORIGINAL SIGNED
BY KENNETH H. GRIFFIN
Kenneth H. Griffin

KHG/gp
Enclosures
cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

We have no objection to the #1 McGruder Hill Unit well being located 1,980 feet from the North line and 660 feet from the East line of Section 13, T-22-S, R-25-E, Eddy County, New Mexico, in a proration unit covering the N/2 of said Section 13.

TOM BROWN, INC.

Date: _____

BY: _____

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683-2705

January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

DAVID FASKEN
First National Bank Building
Midland, Texas 79701

Dear Sir:

According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 26 EAST
Section 7: NE/4 SW/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

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BY KENNETH H. GRIFFIN
Kenneth H. Griffin

KHG/gp
Enclosures
cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

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DAVID FASKEN

Date: _____

BY: _____

GRIFFIN & BURNETT, INC.

Oil Properties

KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683-2705

January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

ATLANTIC RICHFIELD COMPANY
P. O. Box 1610
Midland, Texas 79701

Gentlemen:

According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 26 EAST
Section 7: NE/4 SW/4

In behalf of Northern Natural Gas Company we are today requesting that the Oil Conservation Commission of the State of New Mexico approve a non-standard location in the N/2 of Section 13, T-22-S, R-25-E, as reflected by the attached copy of our letter to the OCC.

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ORIGINAL SIGNED
BY KENNETH H. GRIFFIN
Kenneth H. Griffin

KHG/gp
Enclosures
cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

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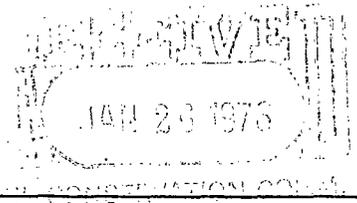
ATLANTIC RICHFIELD COMPANY

Date: _____

BY: _____

GRIFFIN & BURNETT, INC.

Oil Properties



KENNETH H. GRIFFIN
GARY G. BURNETT

501 PETROLEUM BUILDING
MIDLAND, TEXAS 79701
915 683-2705

January 23, 1976

Re: File No. 3002
McGruder Hill Unit
Eddy County, New Mexico

THE SUPERIOR OIL COMPANY
P. O. Box 1900
Midland, Texas 79701

Gentlemen:

According to our information you own the leasehold rights (or an interest therein) under the following described acreage in Eddy County, New Mexico:

TOWNSHIP 22 SOUTH, RANGE 26 EAST
Section 7: NE/4 SW/4

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Kenneth H. Griffin

KHG/gp
Enclosures

cc: Mr. C. F. Keller
Northern Natural Gas Company
403 Wall Towers West
Midland, Texas 79701

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THE SUPERIOR OIL COMPANY

Date: _____

BY: _____