



TONEY ANAYA  
GOVERNOR

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

July 18, 1986

50 YEARS



1935 - 1985

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Manana Gas, Inc.  
P. O. Box 36990  
Albuquerque, New Mexico 87176

Attention: Ed Hartman

Administrative Order NSL-2275

Gentlemen:

Reference is made to your application for a non-standard location for your Nancy Hartman No. 1 well to be located 1270 feet from the North line and 870 feet from the East line of Section 22, Township 29 North, Range 11 West, NMPM, Otero Chacra Pool, San Juan County, New Mexico. The NE/4 of said Section 22 shall be dedicated to the well.

By authority granted me under the provisions of Rule 104 F(I), the above-described unorthodox location is hereby approved.

Sincerely,



R. L. STAMETS, DIRECTOR

RLS/DC/dr

cc: Oil Conservation Division - Aztec

RECEIVED  
JUL 21 1986  
OIL CON. DIV.)  
DIST. 3



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

OIL CONSERVATION DIVISION  
BOX 2088  
SANTA FE, NEW MEXICO 87501

DATE 7-2-86

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 7-1-86  
for the Manono Gas, Inc. Nancy Hartman #1 A-22-29N-81W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

E. B. [Signature]

Manana Gas, Inc.

P.O. BOX 36990

ED HARTMAN, PRES.

ALBUQUERQUE, NEW MEXICO 87176

TELE: (505) 884-4863

(505) 884-0814

June 28, 1986

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

Re: Revised application for Nonstandard Location  
Manana Gas, Inc.  
Nancy Hartman #1, 1270' FNL, 870' FEL  
A-22-29N-11W, San Juan County  
~~Basta~~ Chacra OTERO

Gentlemen:

We hereby request a revised nonstandard location for a well to be drilled 1270 feet from the North line and 870 feet from the East line of Section 22, T29N, R11W, San Juan County, due to topographical conditions.

Any standard location in the North half of the Northeast quarter section would be located in an irrigated field or too close to residential housing and the Bloomfield High School Athletic Field.

This replaces our original April 8, 1986 application for this well location. We have moved the proposed location due to objections which had been raised by one of the off-set operators.

Copies of this application are being sent by certified mail to all off-set operators of wells which are completed in the Chacra formation. The names and addresses of all these operators are shown on an attached sheet.

Also enclosed are the well location plat and an off-set ownership plat.

If further information is needed, please contact us.

Yours very truly,

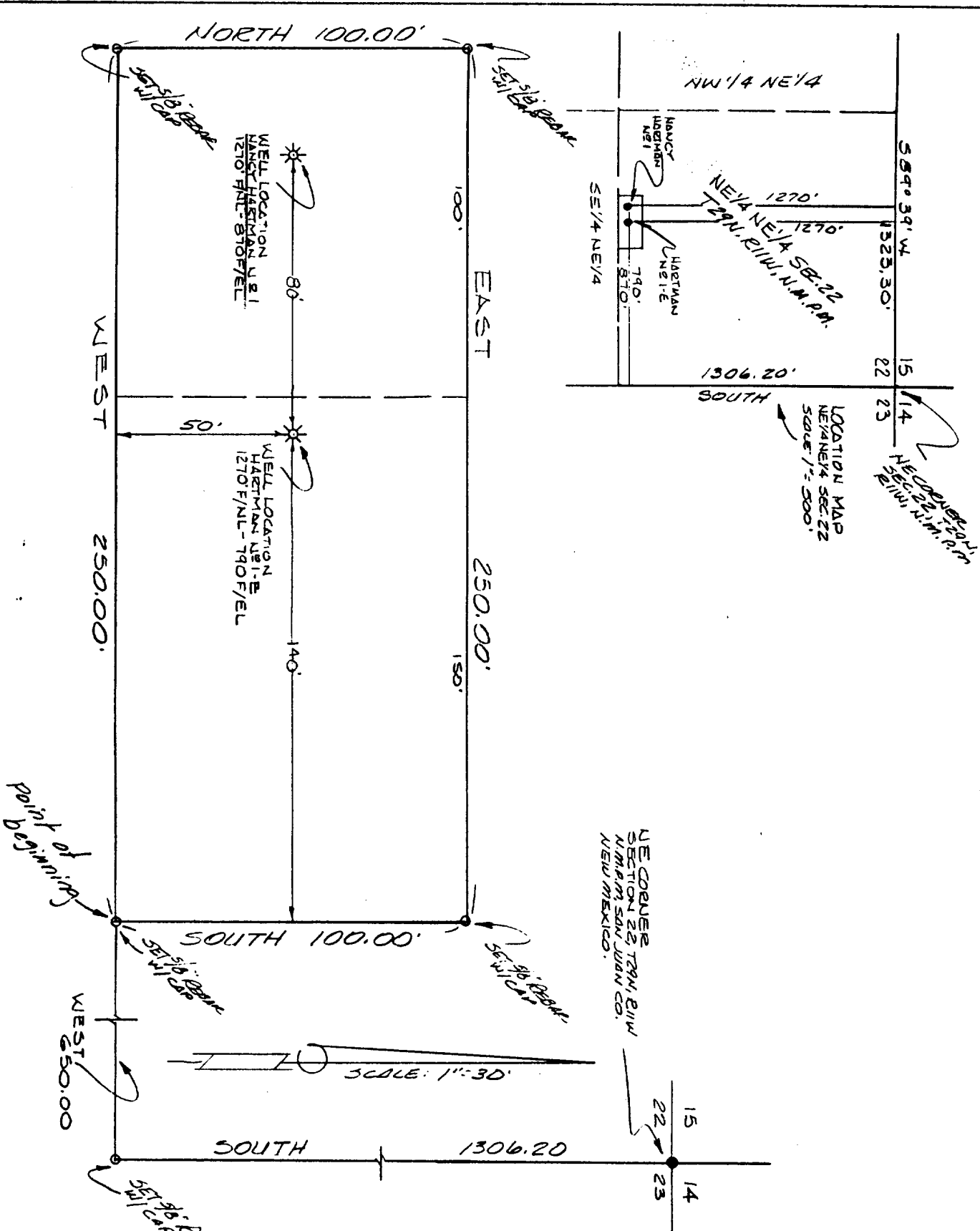
*Ed Hartman*

Ed Hartman  
President, Manana Gas, Inc.

EMH: nh

Enclosures as stated

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OIL CON. DIV  
DIST.



DESCRIPTION

0.57 ACRES, MORE OR LESS, LOCATED IN THE NORTHEAST QUARTER NORTHEAST QUARTER (NE1/4 NE1/4) OF SECTION 22, TOWNSHIP 29 NORTH, RANGE 11 WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO, AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT WHICH IS 1306.20 FEET SOUTH AND 650.00 FEET WEST FROM THE NORTHEAST CORNER OF SAID SECTION 22;

THENCE: WEST, 250.00 FEET;

THENCE: NORTH, 100.00 FEET;

THENCE: EAST, 250.00 FEET;

THENCE: SOUTH, 100.00 FEET TO THE POINT OF BEGINNING.

NOTE:

WELL LOCATION NANCY HARTMAN #1 IS 1270 FEET FROM NORTH LINE, 870 FEET FROM EAST LINE.

WELL LOCATION HARTMAN #1-E IS 1270 FEET FROM NORTH LINE, 790 FEET FROM EAST LINE.

BOTH WELLS ARE MORE THAN 400 FEET FROM THE NEAREST RESIDENCE.

CERTIFICATION

I, GEORGE R. TOMPKINS, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF NEW MEXICO, CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL FIELD SURVEY AND THAT THE REPRESENTATIONS HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

GEORGE R. TOMPKINS  
NEW MEXICO REC. NO. 7259



TRACT FOR SURVEY

MANJANA GAS INC. 1/4

0.57 ACRES, SITUATE IN THE NE1/4 NE1/4 OF SECTION 22, T29N, R11W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO.

SCALE: AS SHOWN 6.25-96

TRACT: SUBDIVISION 1

SURVEY: 21544-2

G.T. 1

SAN JUAN ENGINEERS

# WELL LOCATION AND ACREAGE DEDICATION PLAT

Superorder C-128  
Effective 1-1-83

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

Operator MANANA GAS INC.			Lease NANCY HARTMAN			Well No. 1		
Unit Letter A	Section 22	Township 29 NORTH	Range 11 WEST	County SAN JUAN				
Actual Footage Location of Well 1270 feet from the NORTH line and 870 feet from the EAST line								
Ground Level Elev. 5486	Producing Formation Chaco		Pool Otero		Dedicated Acreages 160 Acres			

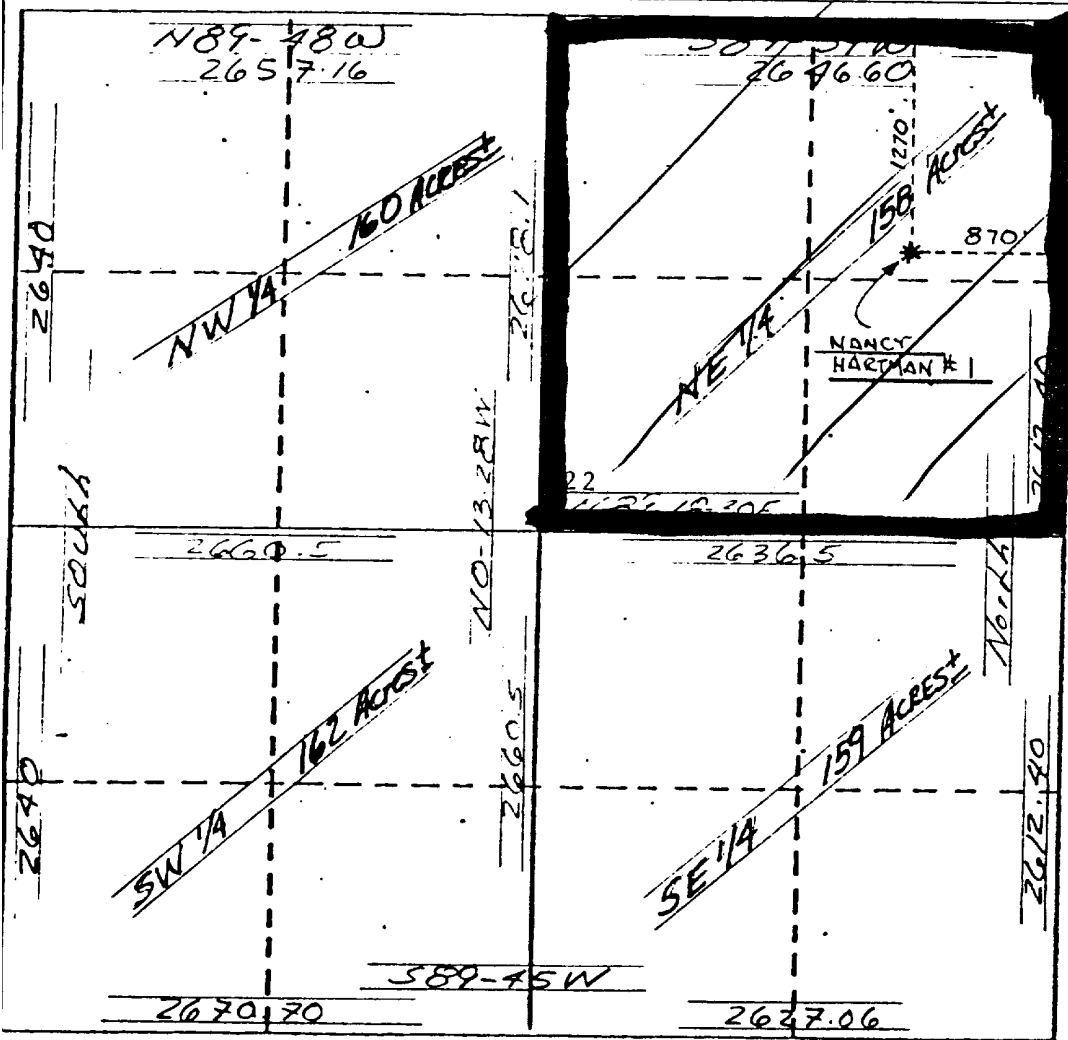
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

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JUL 01 1986  
OIL CON. DIV.  
DIST. 3



## CERTIFICATION

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

Name  
Ed Hartman  
Position  
PRES.  
Company  
MANANA GAS INC.  
Date  
6/28/86

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey 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  
June 23, 1986

Registered Professional Engineer and/or Land Surveyor

George R. Tompkins

Certificate No.  
.7259

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work

2. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☐  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

Name of Operator

Manana Gas, Inc.

Address of Operator

P.O. Box 36990, Albuquerque, N.M. 87176

Location of Well

UNIT LETTER A LOCATED 1100 FEET FROM THE North LINE  
55 FEET FROM THE East LINE OF SEC. 22 TWP. 29N RGE. 11W NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Nancy Hartman

9. Well No.

1

10. Field and Pool, or Wildcat  
Bloomfield-Chacra

12. County  
San Juan

Elevations (Show whether DF, KT, etc.)

5472 GL

21A. Kind & Status Plug. Bond  
Blanket-on file

19. Proposed Depth

3000

19A. Formation

Chacra

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

22. Approx. Date Work will start

5/31/86

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
7.875	45.500	10.50	270	100	surface
4.75	2.875	6.50	3000	225	surface

Intend to drill, case, and log well.

Chacra zone will be sand/foam fractured.

Estimated tops: Kirtland 550'  
Pictured Cliffs 1710'  
Chacra 2300'

ROP will be an 8", series 900, hydraulic, double gate type.

Gas is not dedicated.

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OIL CON. DIV.  
DIST. 3

OVER SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODU-  
TION. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Ed Hartman

Title President

Date

(This space for State Use)

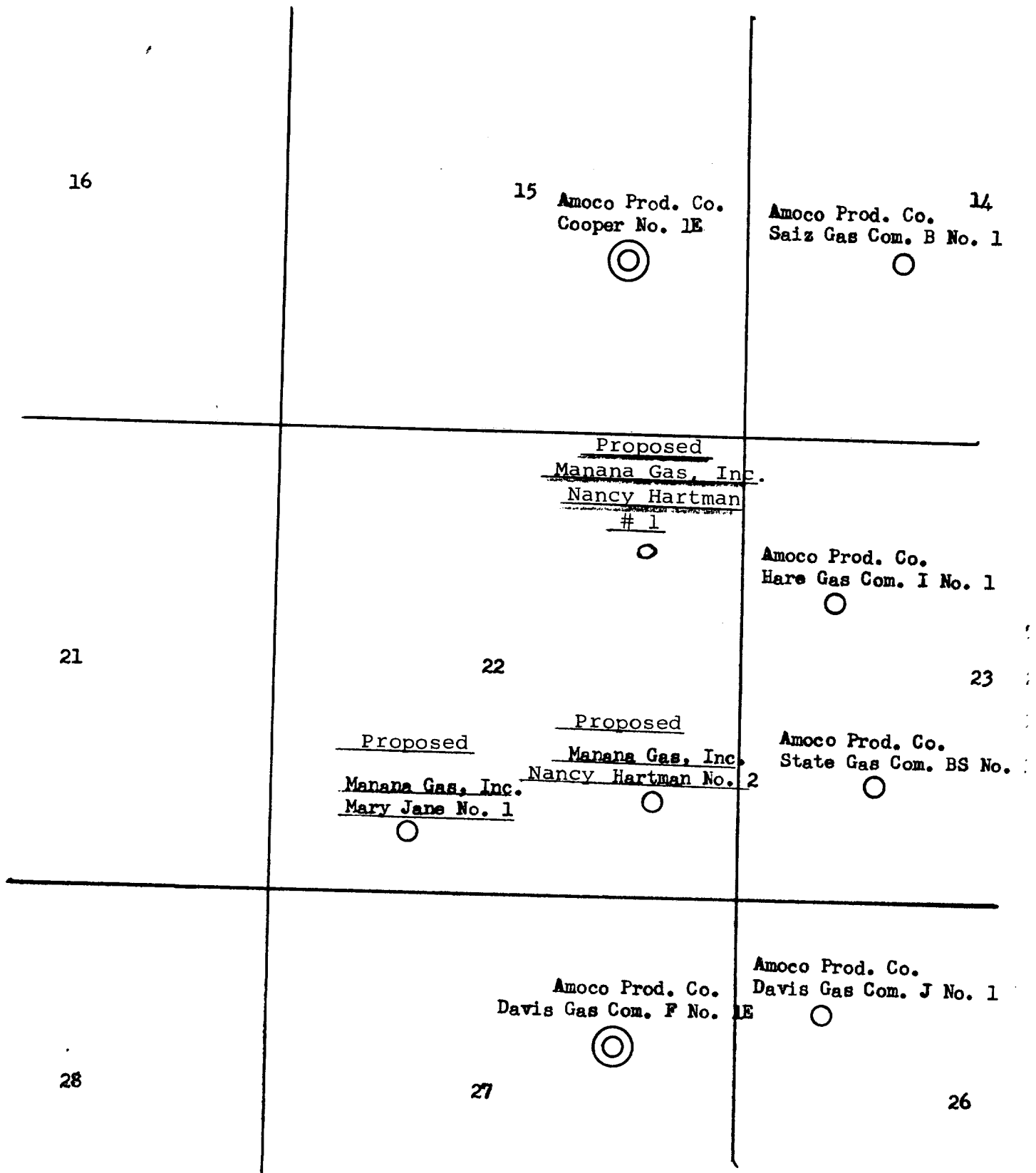
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

R 11 W



LOCATION MAP OF CHACRA FORMATION WELLS

○ Chacra Well

⊙ Dakota-Chacra Dual Well

OPERATORS OF WELLS COMPLETED IN THE CHACRA FORMATION

Amoco Production Company  
Western Division  
Amoco Building  
1670 Broadway  
Denver, Colorado 80202





STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
15051 334-6178

OIL CONSERVATION DIVISION  
BOX 2088  
SANTA FE, NEW MEXICO 87501

DATE 4-10-86

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 4-8-86  
for the Mansura Co., Inc. Nancy Hartman #1 A-22-29W-11W  
Operator Lease and Well No. Unit, \_\_\_\_\_

and my recommendations are as follows:

Approved for Leasing - Requires directional  
Survey

Yours truly,

E. Busch

Manana Gas, Inc.

P.O. BOX 36990

ED HARTMAN, PRES.

ALBUQUERQUE, NEW MEXICO 87176

TELE: (505) 884-4863

(505) 884-0814

April 8, 1986

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

Re: Application for Nonstandard Location  
Manana Gas, Inc.  
Nancy Hartman #1, 1100 FNL, 55 FEL  
A-22-29N-11W, San Juan County  
Bloomfield Chacra

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APR 08 1986

OIL CON. DIV.]  
DIST. 3

Gentlemen:

We hereby request a nonstandard location for a well to be drilled 1100 feet from the North line and 55 feet from the East line of Section 22, T29N, R11W, San Juan County, due to topographical conditions.

Any standard location in the North half of the Northeast quarter section would be located in an irrigated field or too close to residential housing and the Bloomfield High School Athletic Field.

We have located the well as far North and East as we believe safe due to the location of the arroya shown on the well location plat and avoid damage to the irrigated field.

Copies of this application are being sent by certified mail to all offset operators of wells which are completed in the Chacra formation. The names and addresses of all these operators are shown on an attached sheet.

Also enclosed are the well location plat and an offset ownership plat.

If further information is needed, please contact us.

Yours very truly,



Ed Hartman  
President, Manana Gas, Inc.

EMH:nh

Enclosures as stated

## WELL LOCATION AND ACREAGE DEDICATION PLAT

Superintendent  
Effective 1-

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

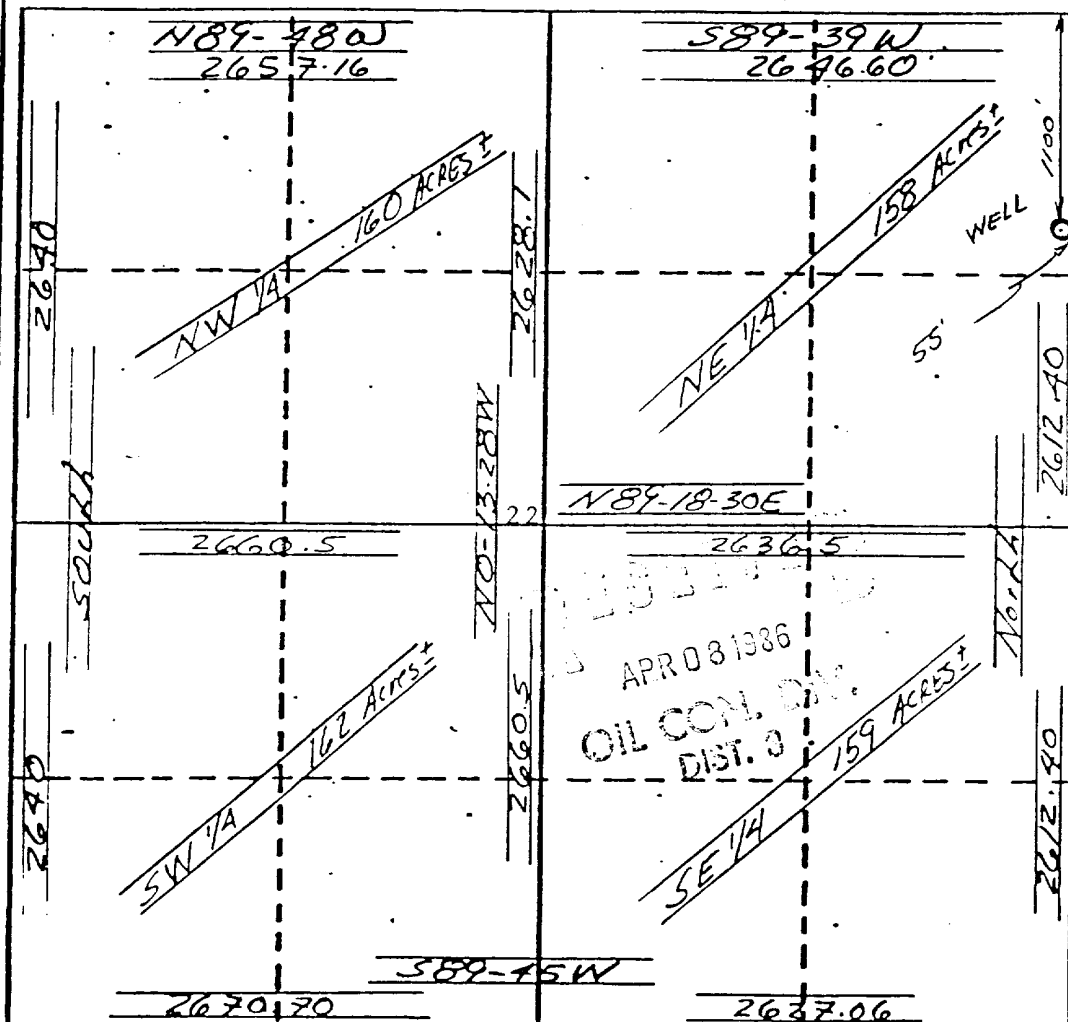
Version MANANA GAS, INC.		Lease NANCY HARTMAN			Well No. 1
Unit Letter A	Section 22	Township 29 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well 1100 feet from the NORTH line and 55 feet from the EAST line					
Ground Level Elev. 5472	Producing Formation Chacra	Pool <del>OTERO</del> Bloomfield-Chacra		Dedicated Acreages <del>160</del> 158 A.	

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## CERTIFICATION

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

*E. Hartman*

Name

Ed Hartman

Position

President

Company

Manana Gas, Inc.

Date

4/8/86

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

*George R. Tompkins*

Date Surveyed

March 13, 1986

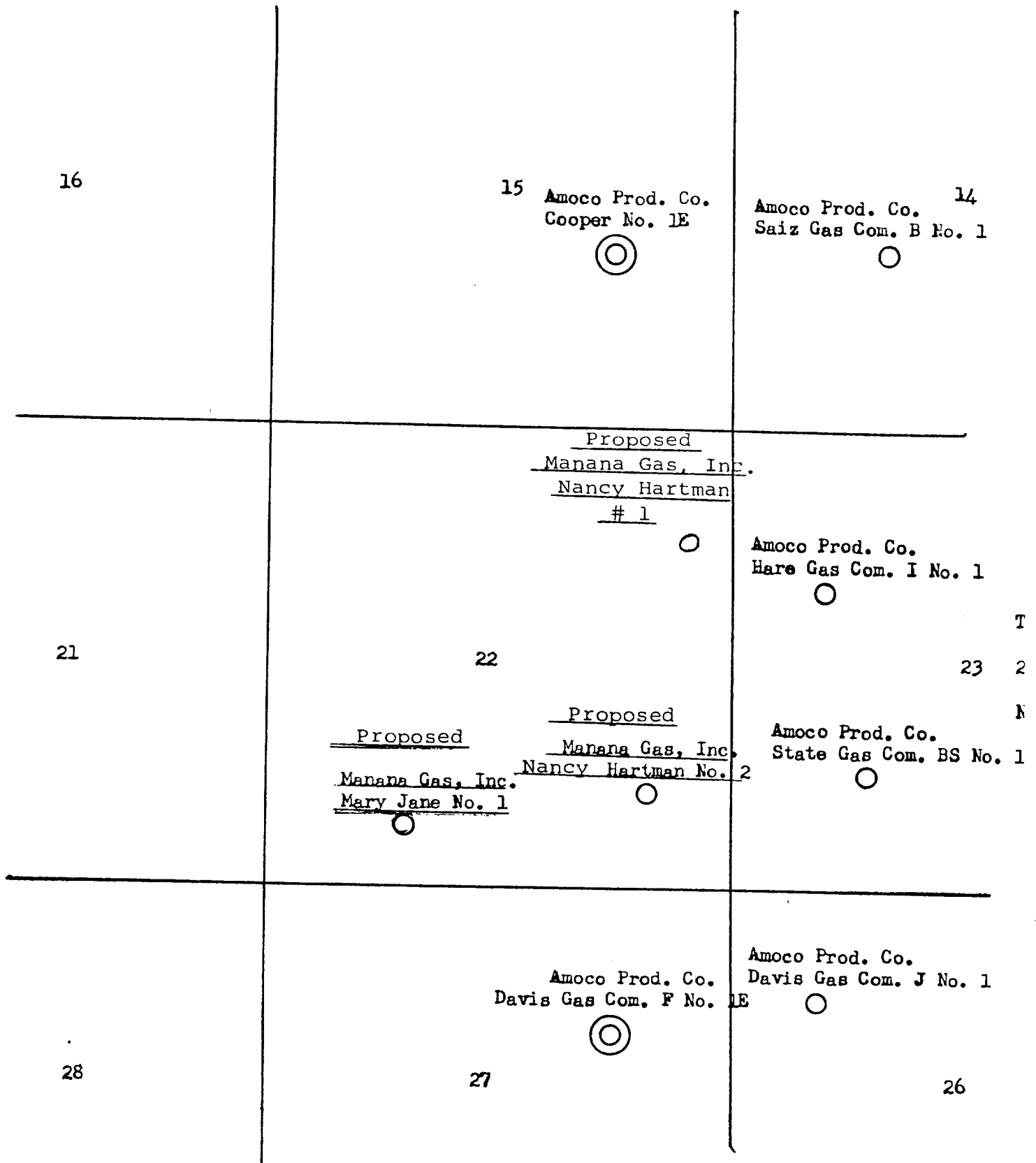
Registered Professional Engineer and/or Land Surveyor

George R. Tompkins

Certificate No.

7259

R 11 W



LOCATION MAP OF CHACRA FORMATION WELLS

○ Chacra Well

⊙ Dakota-Chacra Dual Well

Manana Gas, Inc.

P.O. BOX 36990

ED HARTMAN, PRES.

ALBUQUERQUE, NEW MEXICO 87176

TELE: (505) 884-4863

(505) 884-0814

April 8, 1986

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

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A-22-29N-11W, San Juan County  
Bloomfield Chacra

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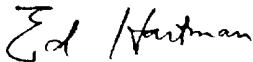
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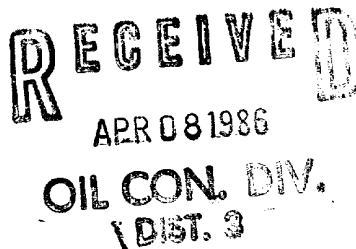
Yours very truly,



Ed Hartman  
President, Manana Gas, Inc.

EMH:nh

Enclosures as stated



Manana Gas, Inc.

P.O. BOX 36990

ED HARTMAN, PRES.

ALBUQUERQUE, NEW MEXICO 87176

TELE: (505) 884-4863

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Yours very truly,

*Ed Hartman*

Ed Hartman  
President, Manana Gas, Inc.

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