

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

5892

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

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

JIL 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

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			8. Farm or Lease Name Nancy Hartman
2. Name of Operator Manana Gas, Inc.			9. Well No. 1
3. Address of Operator P.O. Box 36990, Albuquerque, N.M. 87176			10. Field and Pool, or Wildcat Bloomfield-Chacra
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>1100</u> FEET FROM THE <u>North</u> LINE AND <u>55</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>22</u> TWP. <u>29N</u> RGE. <u>11W</u> NMPM			12. County San Juan
19. Proposed Depth 3000		15A. Formation Chacra	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 5472 GL	21A. Kind & Status Plug. Bond Blanket-on file	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	5.500	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'

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

Gas is not dedicated.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Ed Hartman Title President Date \_\_\_\_\_

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-10  
Superintendent  
Effective 1/1/86

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

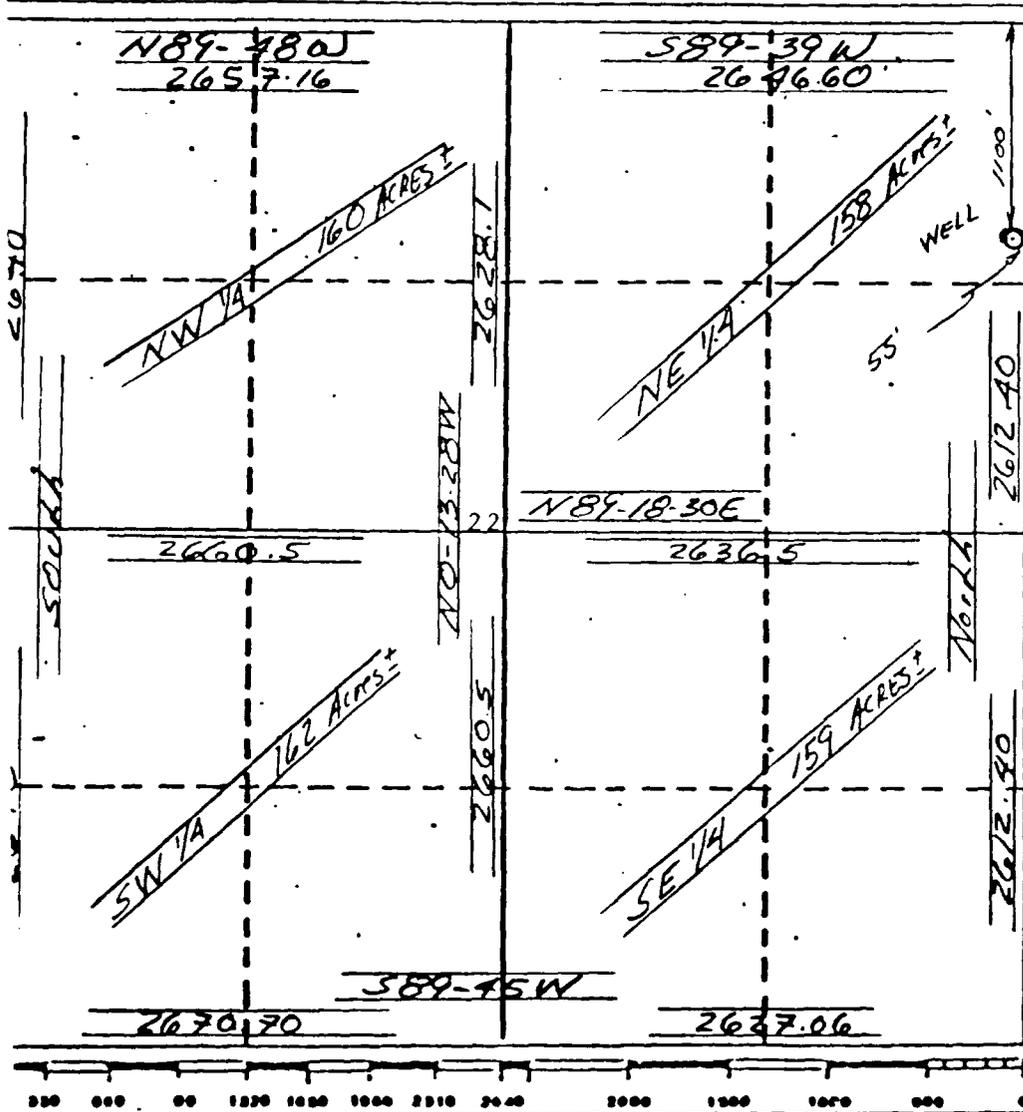
Operator MAÑANA GAS INC.		Lease NANCY HARTMAN			Well No. 1
Well Letter A	Section 22	Township 29 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well 1100 feet from the NORTH line and 55 feet from the EAST line					
Ground Level Elev. 5472	Producing Formation Chacra		Pool Bloomfield Chacra	Dedicated Acreage 158	

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 work interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

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

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



**CERTIFICATION**

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

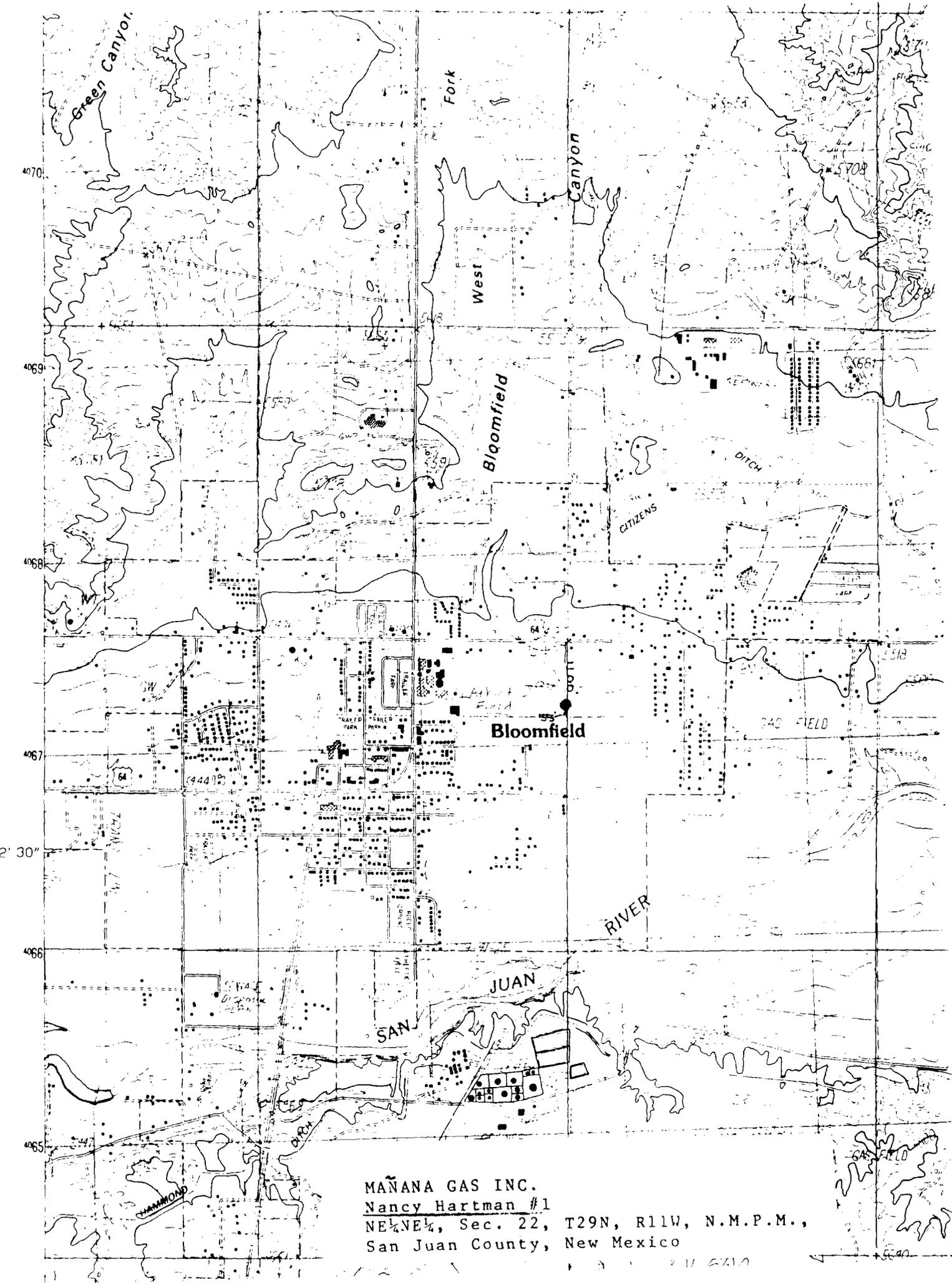
*Ed Hartman*

Name: Ed Hartman  
Position: President  
Company: Manana Gas, Inc.  
Date: 4/8/86

I hereby certify that the well location shown on this plat is 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.

*George R. Tompkins*

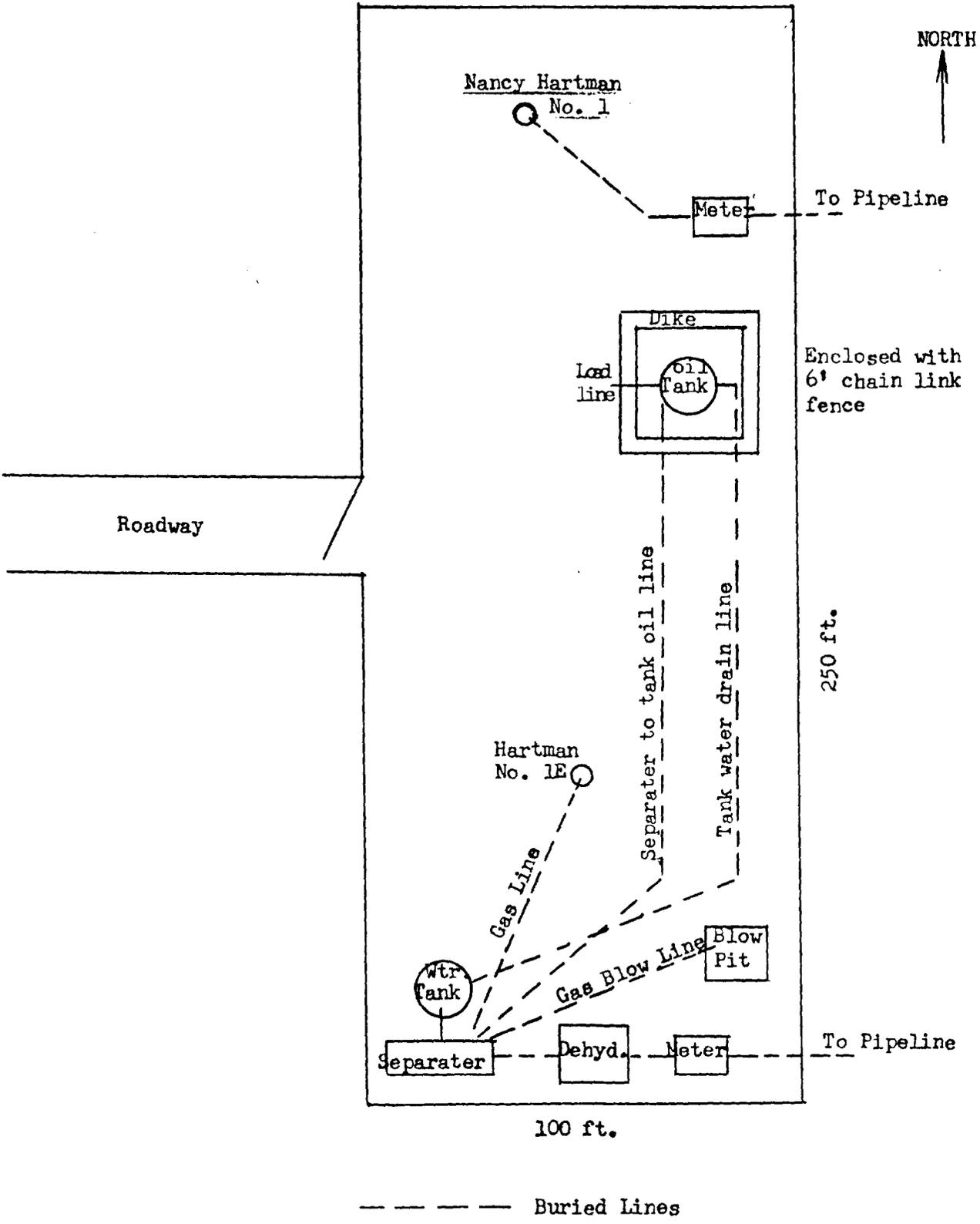
Date Surveyed: March 13, 1986  
Registered Professional Engineer and/or Land Surveyor  
George R. Tompkins  
Certificate No. 7259

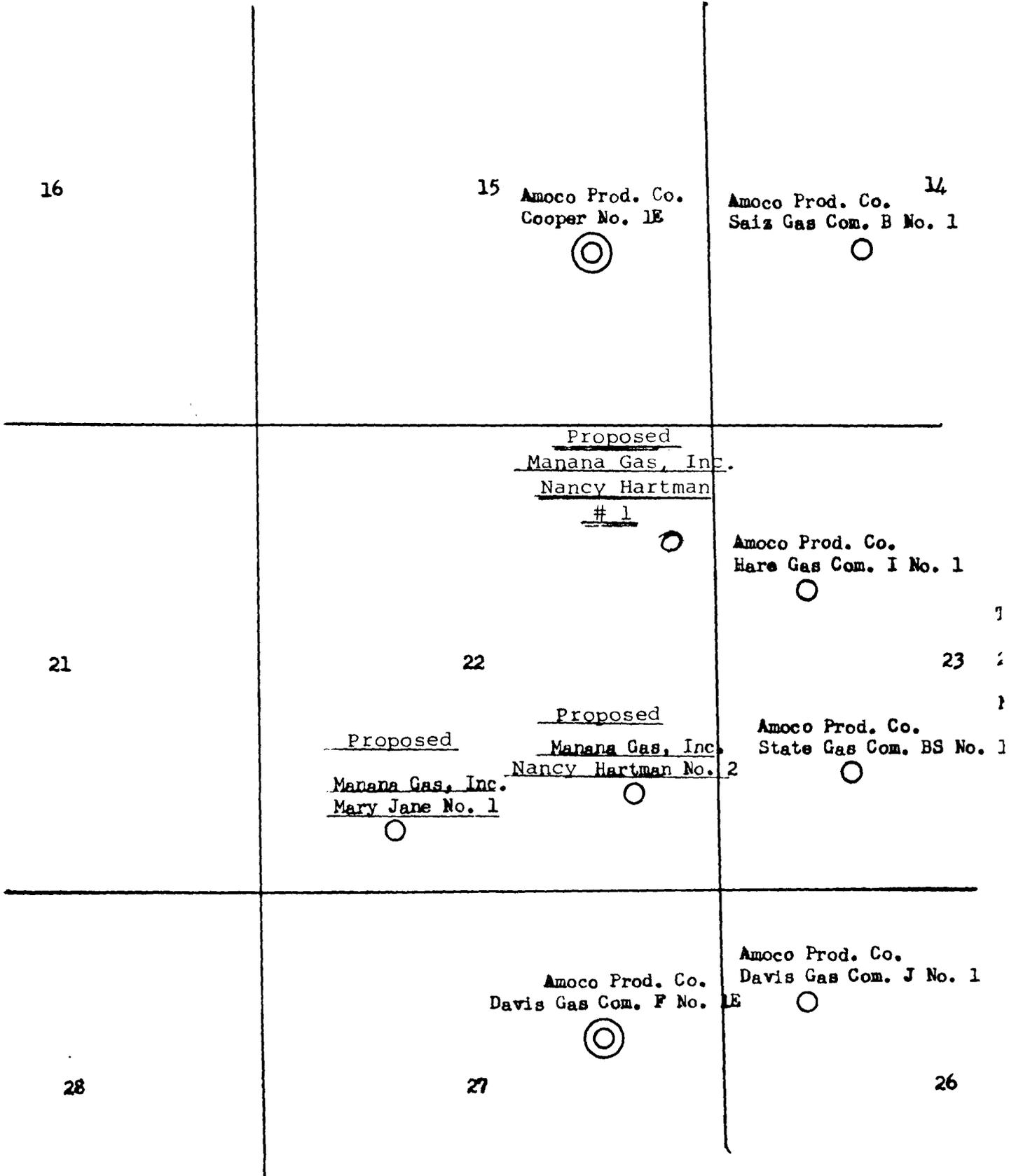


MAÑANA GAS INC.  
Nancy Hartman #1  
NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Sec. 22, T29N, R11W, N.M.P.M.,  
San Juan County, New Mexico

WELL SITE DIAGRAM OF:

Manana Gas, Inc.  
Hartman No. 1E - Dakota Formation  
Nancy Hartman No. 1 - Chacra Formation  
Located in NE $\frac{1}{4}$  Section 22, T29N, R11W





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