

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

30-045-26772

Form C-101  
Revised 10-1-78

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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 b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Manana Gas, Inc.		8. Farm or Lease Name Jan Redding
3. Address of Operator P.O. Box 36990, Albuquerque, N.M. 87176		9. Well No. 1
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>315</u> FEET FROM THE <u>North</u> LINE AND <u>387</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>22</u> TWP. <u>29N</u> RGE. <u>11W</u> NMPM		10. Field and Pool, or Wildcat Bloomfield-Chacra ETERO
		12. County San Juan
19. Proposed Depth 3000		19A. Formation Chacra
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 5487 GL	21A. Kind & Status Plug. Bond Blanket-on file	22. Approx. Date Work will start 1/31/87

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 13*	270	125	surface
4.75	2.875	6.50	3000	300	surface

Intend to drill, case, and log well.  
Chacra zone will be sand/foam fractured.  
Estimated tops: Kirtland 1395'  
Pictured Cliffs 1710'  
Chacra 2300'

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OIL CON. DIV.  
DIST. 3

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

Gas is not dedicated.

APPROVAL EXPIRES 8-36-87  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

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 12/8/86

(This space for State Use)

APPROVED BY Ernest Burch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE FEB 26 1987

CONDITIONS OF APPROVAL, IF ANY:

USC-2306

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-83

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

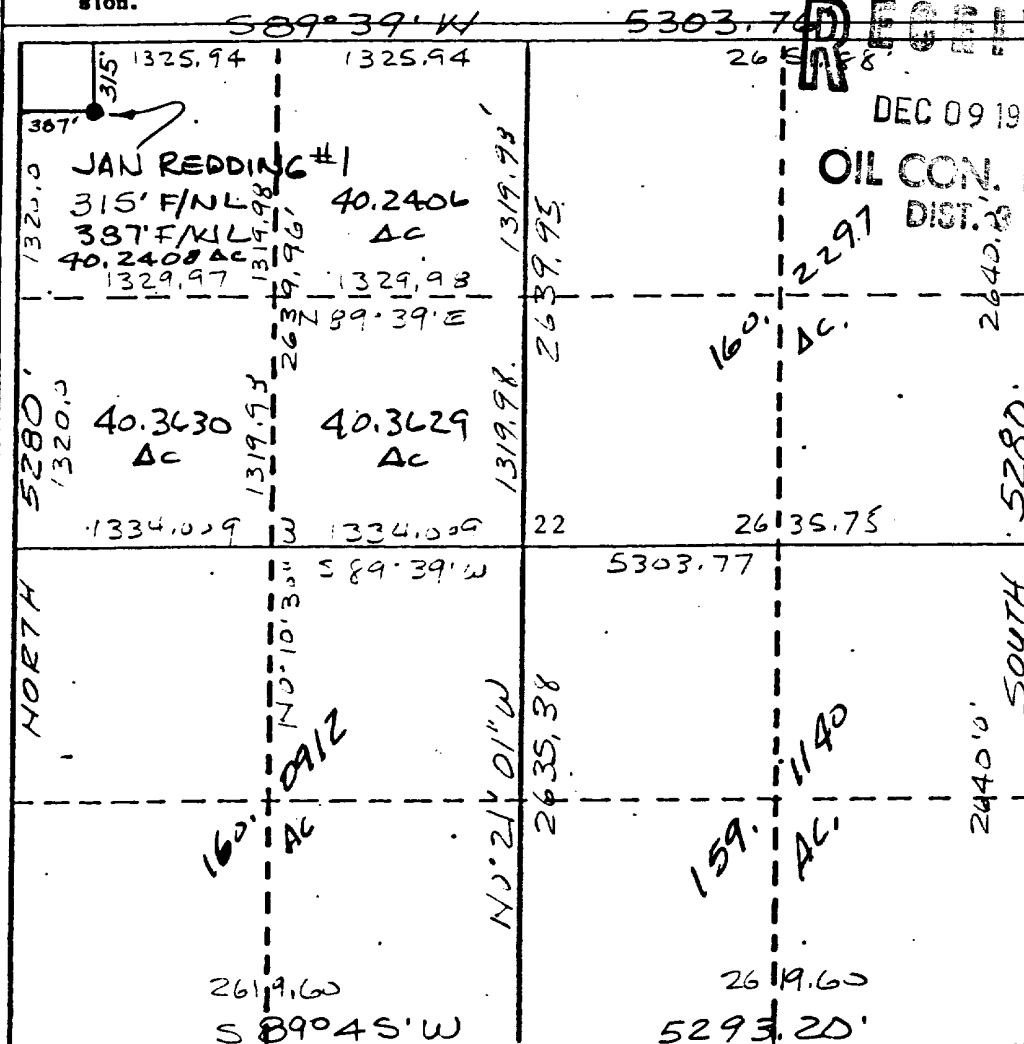
Operator <b>MANANA GAS, INC.</b>			Lease <b>JAN REDDING</b>		Well No. <b>1</b>
Unit Letter <b>D</b>	Section <b>22</b>	Township <b>29 NORTH</b>	Range <b>11 WEST</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Wells: <div style="display: flex; justify-content: space-between;"> <span>315 feet from the NORTH line and</span> <span>387 feet from the WEST line</span> </div>					
Ground Level Elev. <b>5487</b>	Producing Formation <b>Chacra</b>	Pool <b>Otero Chacra</b>	Dedicated Acreage: <b>161.20 / 160</b> 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 Agreement

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  
**12/8/86**

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.

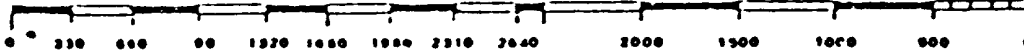
DECEMBER 4 1986

Date Surveyed  
*[Signature]*

Registered Professional Engineer and/or Land Surveyor  
**7259**

**George R. Tompkins**

Certificate No.  
**7259**



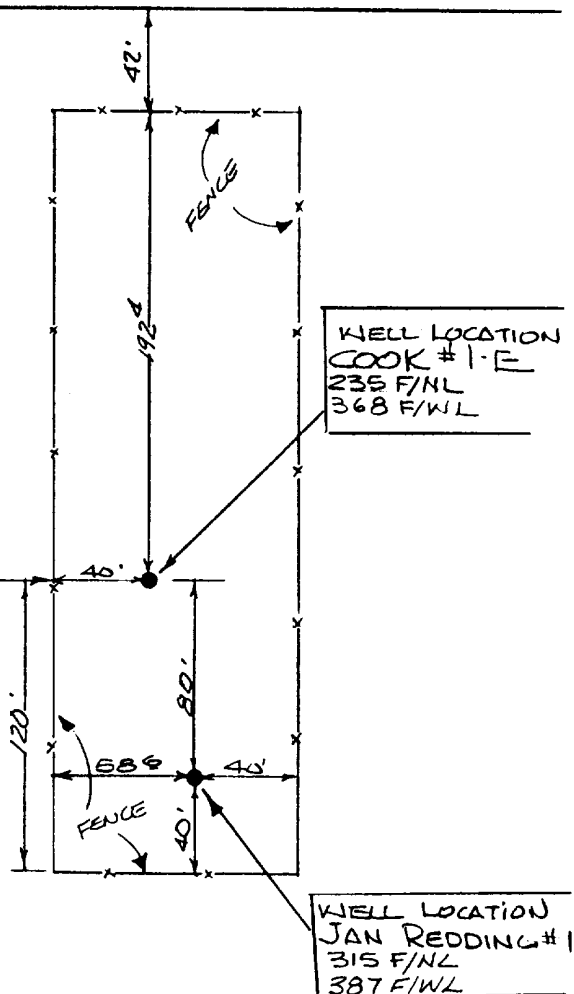
16 15  
21 22

BLANCO BLVD

NW COR. SEC. 22  
T29N, R11W,  
N.M.P.M., SAN JUAN CO.  
NEW MEXICO

NORTH FRONTIER

SCALE: 1"=60'

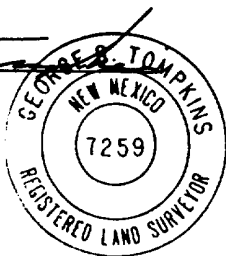


NOTE: WELL LOCATIONS COOK #1-E AND JAN REDDING #1 ARE BOTH MORE THAN 300 FEET FROM THE NEAREST RESIDENCE.

#### 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 REPRESENTATIONS HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

GEORGE R. TOMPKINS  
NEW MEXICO REG. NO. 7259



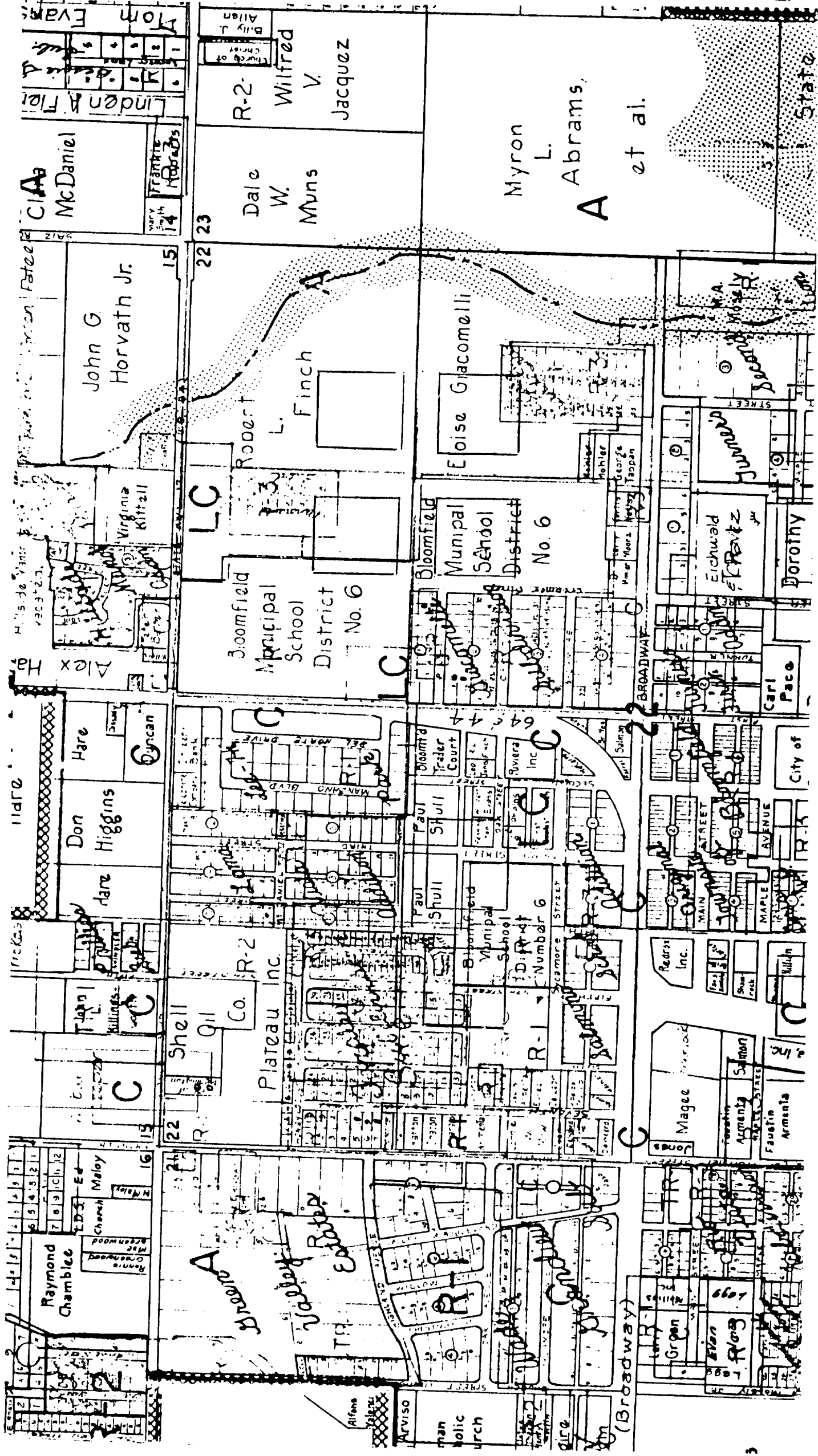
WELL SITE LOCATION MAP  
FOR  
MAÑANA GAS INC.  
A TRACT IN THE NW 1/4 OF SECTION 22,  
T29N, R11W, N.M.P.M., SAN JUAN  
COUNTY, NEW MEXICO

SCALE	DATE	REVISED	DESIGNED BY	CHECKED BY
1"=60'	12-8-86		GM	
WELL SITE MAP	MAP NO.			
	42074		G.T.	

SAN JUAN ENGINEERS  
2101 SAN JUAN BLVD. FARMINGTON, N.M. 87401

Proposed  
Cook # 1-E  
(Dakota)

Proposed  
Jan Redding #1  
(Chacra)



Manana Gas, Inc.

P. O. BOX 36990

ED HARTMAN, PRES.

ALBUQUERQUE, NEW MEXICO 87176

TELE: (505) 884-4863

(505) 884-0814

December 8, 1986

City of Bloomfield  
P.O. Box 1839  
Bloomfield, New Mexico 87413

Attn: Ms. Patsy Milligan  
City Clerk

Dear Ms. Milligan:

Our company would like to drill the following gas wells within the city limits of your city:

1. Manana Gas - Cook #1-E, an infill Dakota well to be located in the NW $\frac{1}{4}$  of Sec. 22-29N-11W.
2. Manana Gas - Jan Redding #1, a Chacra well to be located in the NW $\frac{1}{4}$  of Sec. 22-29N-11W.

A copy of your city map showing the location of each proposed well together with the individual well plats are attached.

Your favorable consideration to our request for these written permits would be very much appreciated.

Very truly yours,

Manana Gas, Inc.

By Ed Hartman  
President - Ed Hartman

EMH/nh

Encl.

# City of Bloomfield

915 NORTH FIRST

BLOOMFIELD, NEW MEXICO 87413  
P. O. BOX 1839

PHONE 632-8096

February 18, 1987

TO WHOM IT MAY CONCERN:

At a regular Council Meeting held January 12, 1987, the Bloomfield City Council gave permission for Manana Gas, Inc. to drill two (2) wells within the Bloomfield City Limits.

Attached you will find a copy of the plat showing where the approval well sites are located.

If you have any further questions on this matter please feel free to call me at 632-8096.

Patsy Milligan  
Patsy Milligan, City Clerk

PM/gh

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EEB 23 1987  
OIL CON. DIV.  
DIST. 3