

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.
Hartman #1-E, 1230'FNL, 55'FEL
A-22-29N-11W, San Juan County
Basin Dakota

Case 5591

Gentlemen:

We hereby request a nonstandard location for a well to be drilled 1230 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 Dakota 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

Ed Hartman
President, Manana Gas, Inc.

EMH:nh

Enclosures as stated

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	
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FILE	
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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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> 2. Name of Operator Manana Gas, Inc. 3. Address of Operator P.O. Box 36990, Albuquerque, N.M. 87176 4. Location of Well UNIT LETTER A LOCATED 1230 FEET FROM THE North LINE AND 55 FEET FROM THE East LINE OF SEC. 22 TWP. 29N RGE. 11W NMPM 12. County San Juan		7. Unit Agreement Name 8. Farm or Lease Name Hartman 9. Well No. 1-E 10. Field and Pool, or Wildcat Basin Dakota 13. Proposed Depth 6500 19A. Formation Dakota 20. Rotary or C.T. Rotary 21. Elevations (Show whether DF, RT, etc.) 5470 GL 21A. Kind & Status Plug. Bond Blanket 21B. Drilling Contractor 22. Approx. Date Work will start 5/15/86	
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23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	200	150	Surface
7 7/8"	4 1/2"	10.5#	6500	600	Surface

Manana Gas, Inc. will drill a 6500 ft. Dakota test with rotary tools. Mechanical logs will be run at TD. The Dakota formation will be selectively perforated and hydro-fraced. A 10" 3000 psi BOP with blind and pipe rams will be operational at all times while drilling. A 6" 3000 psi double gate manual BOP will be utilized for completion.

This is an infill Dakota well and the gas is dedicated under the original gas contract with El Paso Natural Gas Company.

DV cementing tools will be set at the base of the Point Lookout sandstone and at the base of the Pictured Cliffs sandstone for a 3 stage cement job as follows:
TD - 5350 with 250 sax - 4400" - 3200" with 260 sax - 1900" - 1600" with 65 sax

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-183
Supersedes C-183
Effective 1-1

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

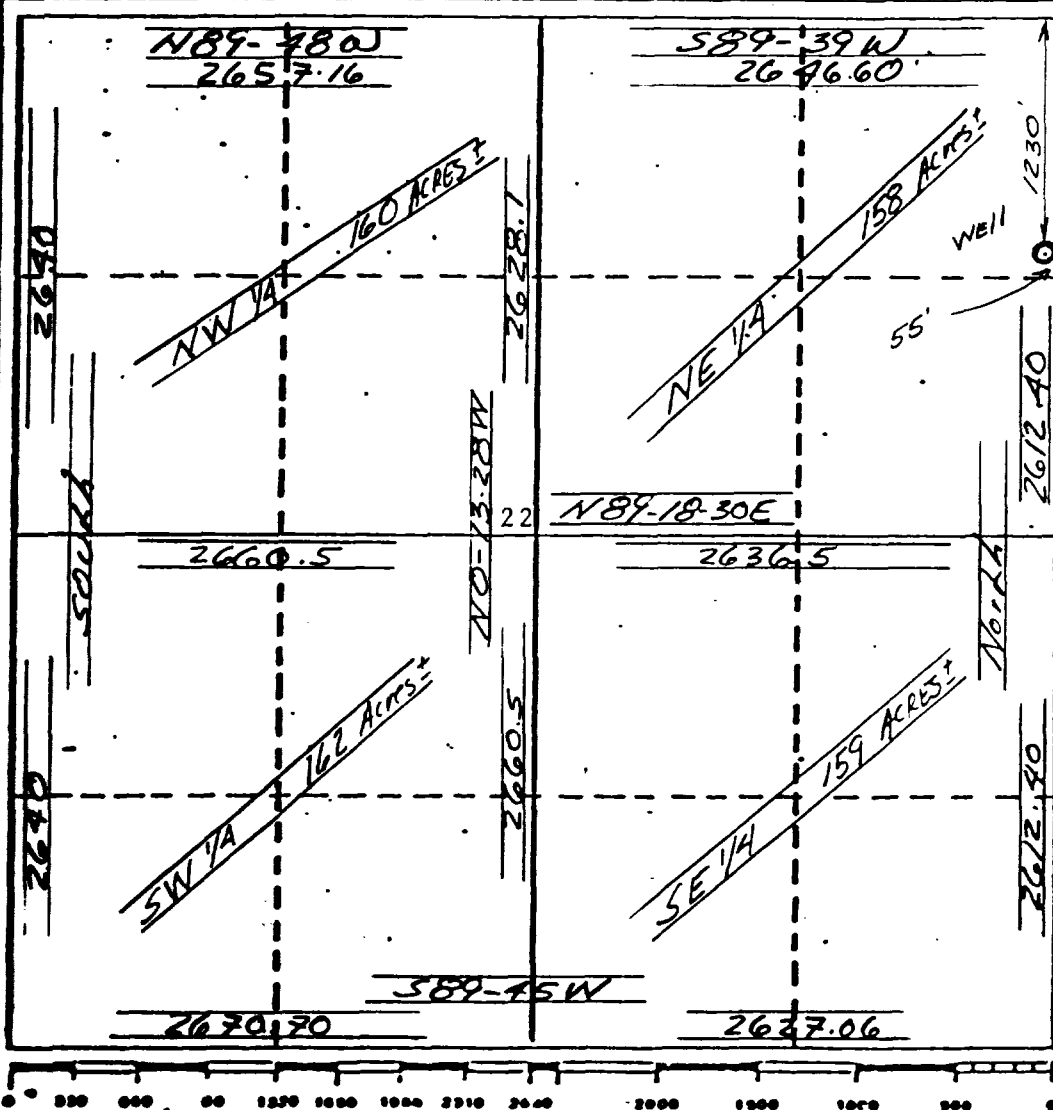
Operator MANANA GAS INC.		Lease HARTMAN		Well No. 1E	
Unit Letter A	Section 22	Township 29 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well 1230 feet from the NORTH line and 55 feet from the EAST line					
Ground Level Elev. 5470	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage 317 Ac	

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 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 Unitization Agreement

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side 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.



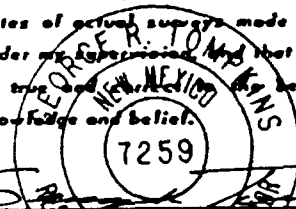
CERTIFICATION

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

Ed Hartman

Name
President
Manana Gas, Inc.
Company
4/8/86
Date

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



Date Surveyed
MARCH 1986
Registered Professional Engineer and/or Land Surveyor

George R. Tompkins

Certificate No.
7259

Bloomfield

CITIZENS

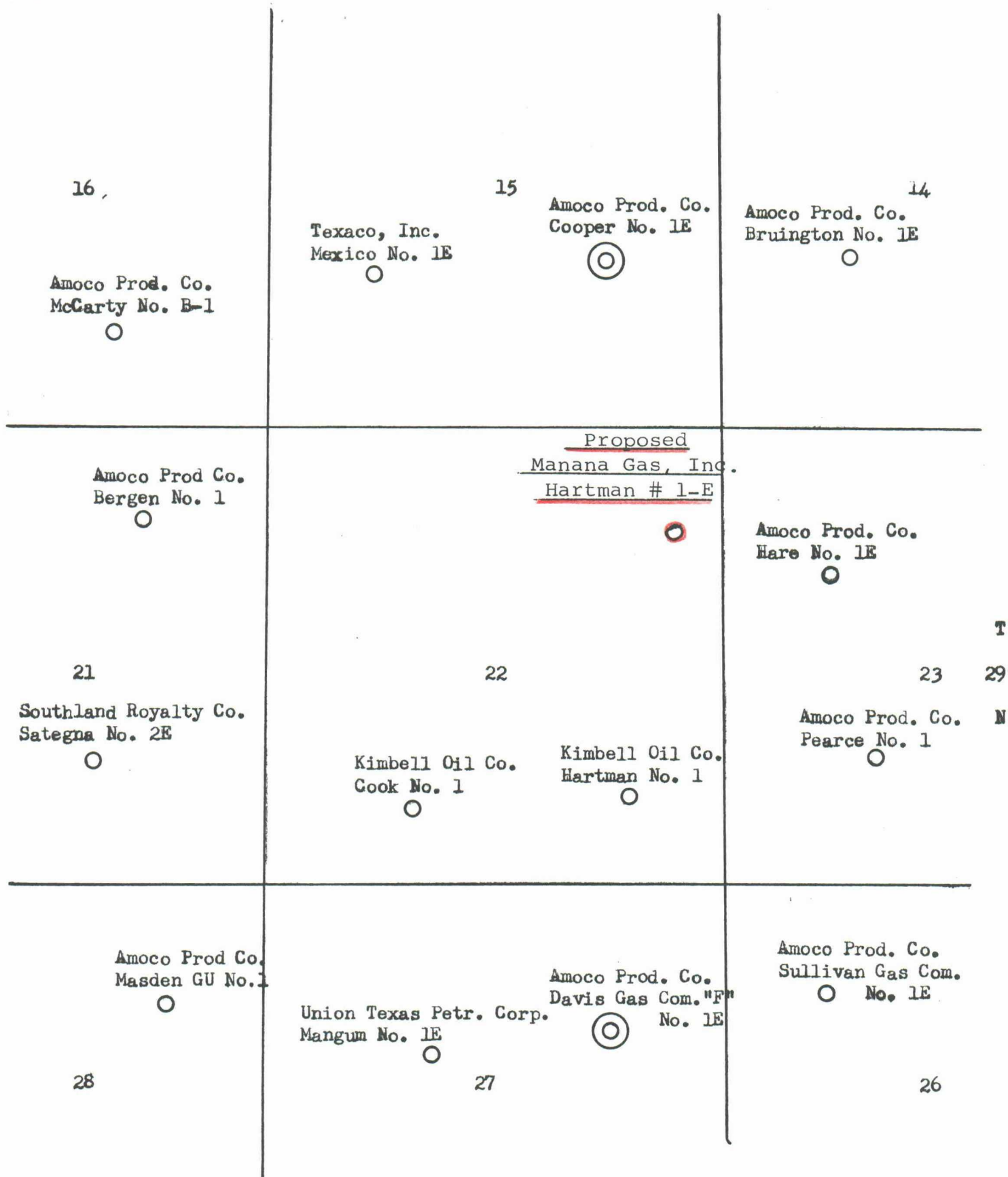
Bloomfield

RIVER

JUAN

SAN

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



LOCATION MAP OF DAKOTA FORMATION WELLS

○ Dakota Well

⊙ Dakota-Chakra Dual Well

OPERATORS OF WELLS COMPLETED IN THE DAKOTA FORMATION

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

Kimbell Oil Company of Texas
P.O. Box 1097
Farmington, N.M. 87499

Union Texas Petroleum Corporation
1122 Lincoln Tower Bldg.
Denver, Colorado 80295

Southland Royalty Co.
2200 Bloomfield Highway
Farmington, N.M. 87401

Texaco, Inc. (Getty)
P.O. Box 3360
Casper, Wyoming 82602