



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 2-26-87

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

Gentlemen:

I have examined the application dated 2-24-87  
for the Maurice C. Cook #1E D-22-29N-11W8  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

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

Yours truly,

E. R. [Signature]

Manana Gas, Inc.

P. O. BOX 36990

ED HARTMAN, PRES.

ALBUQUERQUE, NEW MEXICO 87176

TELE: (505) 884-4863

(505) 884-0814

February 23, 1987

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

Re: Application to directionally drill the Manana Gas, Inc. - Cook #1-E Dakota Well with surface hole at 235' FNL and 368' FWL and bottom hole at standard location of 790' FNL and 790' FWL  
D-22-29N-11W, San Juan County, New Mexico

Gentlemen:

Application is hereby made for administrative approval to directionally drill our proposed Cook #1-E for completion in the Dakota formation. The proposed hole will be 235' FNL and 368' FWL of Section 22-29N-11W at the surface but by directional drilling methods will penetrate the Dakota formation at a standard location of 790' FNL and 790' FWL. Our contract with the drilling contractor will provide that the proposed producing intervals will be within the standard location window in the NW $\frac{1}{4}$  NW $\frac{1}{4}$  of this section.

Any standard location in the North half of the Northwest quarter section would be too close to residential housing and would violate the City of Bloomfield ordinance which requires that no well can be drilled within 300 feet of a residence. The City of Bloomfield has grown so much recently that only a narrow strip approximately 160 feet wide and 800 feet long could meet that requirement. The proposed surface location is within that narrow strip.

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 well location plats showing the surface and the bottom hole locations, a copy of a new C-103 requesting this change in plans from the original application and an offset ownership plat.

If further information is needed, please contact us.

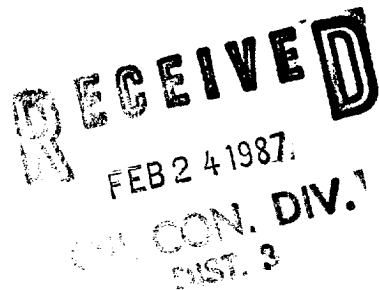
Yours very truly,

*Ed Hartman*

Ed Hartman  
President, Manana Gas, Inc.

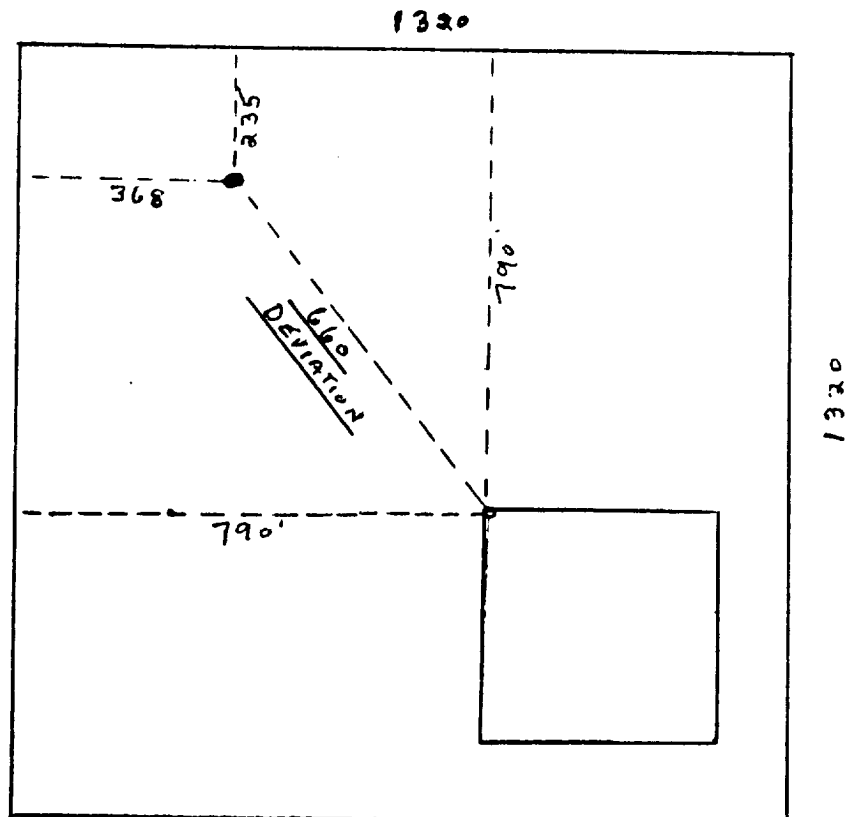
EMH/nh

Enclosures as stated



Manana is, Inc. - Cook # 1-E

### Deviation Needed to Drill to an Orthodox Location



$$\frac{660}{6500} = 10.15\% \text{ DEVIATION}$$

SAY 700' DEVIATION

Manana Gas, Inc.

P. O. BOX 36990

ED HARTMAN, PRES.

ALBUQUERQUE, NEW MEXICO 87176

TELE: (505) 884-4863  
(505) 884-0814

February 23, 1987

Re: Proposed Directional Drilling  
Manana Gas, Inc.  
Cook #1-E  
D-22-29N-11W

Gentlemen:

Enclosed is an application for directional drilling for subject well. We propose to drill the surface at 235' FNL and 368' FWL but by directional drilling methods penetrate the Dakota formation within a standard location at least 790' FNL and 790' FWL of Section 22-29N-11W.

If you have no objection to this application please execute one copy of this waiver and send it to the New Mexico Oil Conservation Division.

Your cooperation in this matter would be appreciated.

Very truly yours,



Ed Hartman

President, Manana Gas, Inc.

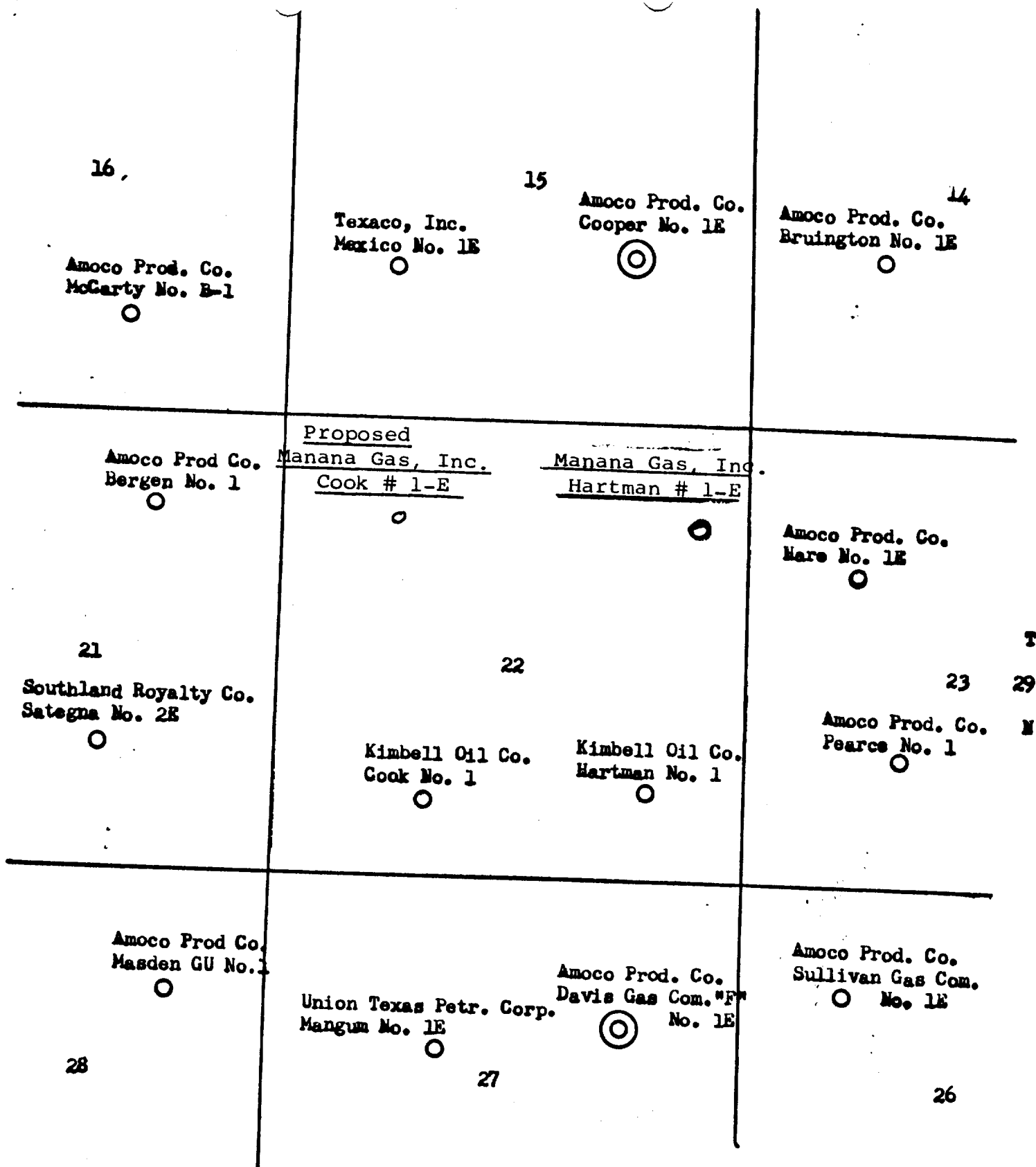
EMH/nh

Enclosure

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

We, as an offset operator, do hereby waive objection to the above application.

Operator \_\_\_\_\_  
By \_\_\_\_\_  
Title \_\_\_\_\_  
Date \_\_\_\_\_



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