

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

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☐ REC ☒  
5. State Oil & Gas Lease No.  
31-145-27365

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well  
OIL WELL ☐ GAS WELL ☐ OTHER ☐  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Unit Agreement Name  
Marian S.  
8. Farm or Lease Name  
Marian S.  
9. Well No.  
1

2. Name of Operator  
Manana Gas, Inc.  
3. Address of Operator  
1002 Tramway Lane, NE, Albuquerque, N.M. 87122

10. Field and Pool, or Wildcat  
Otero Chacra

4. Location of Well  
UNIT LETTER B F LOCATED 1477 FEET FROM THE North LINE  
AND 1583 FEET FROM THE West LINE OF SEC. 27 TWP. 29N RGT. 11W

12. County  
San Juan

19. Proposed Depth 2850 2900 19A. Formation Chacra 20. Rotary or C.T. Rotary

21. Elevations (show whether DT, RT, etc.) 5422 GL 21A. Kind & Status Plug. Bond Blanket 21B. Drilling Contractor Unknown 22. Approx. Date Work will start 7/15/89

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
8.75	7.00	23.00	270	170	Surface
4.75	2.875	6.50	2900	225	Surface

Intend to drill, case and log well  
Chacra zone will be sand/foam fractured  
Estimated tops: Ojo Alamo 430  
Kirtland 490  
Fruitland 1018  
Pictured Cliffs 1580  
Lewis 1708  
Chacra 2582

**RECEIVED**  
JUN 13 1989  
OIL CON. DIV.  
DIST. 3

BOP will be an 8", series 900, hydraulic, double gate type  
Gas is not dedicated.

APPROVAL EXPIRES 12-14-89  
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 6/12/89

(This space for State Use)  
APPROVED BY Ed Busch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUN 13 1989

CONDITIONS OF APPROVAL, IF ANY:  
APPROVAL EXPIRES 12-14-89  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-103  
Supersedes C-128  
Effective 1-1-65

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

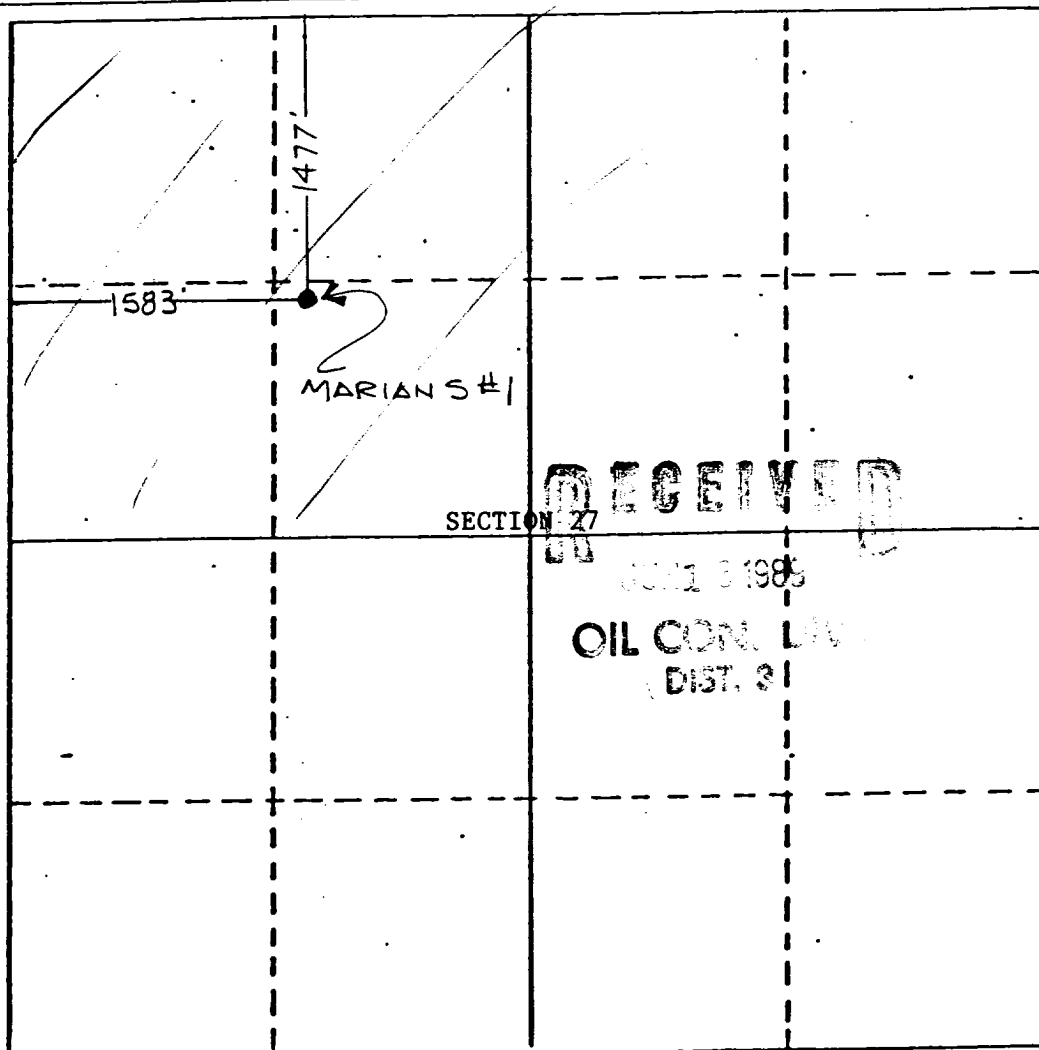
Operator <b>MANANA GAS, INC.</b>			Lease <b>MARIAN S</b>		Well No. <b>1</b>
Unit Letter <b>F</b>	Section <b>27</b>	Township <b>29 NORTH</b>	Range <b>11 WEST</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well: <b>1477</b> feet from the <b>NORTH</b> line and <b>1583</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>5422</b>	Producing Formation <b>CHACRA</b>		Pool <b>OTERO</b>		Dedicated Acreage: <b>1.60</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 \_\_\_\_\_

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*

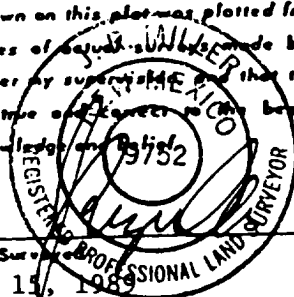
Name  
**Ed Hartman**

Position  
**President**

Company  
**Manana Gas, Inc.**

Date  
**June 12, 1989**

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.

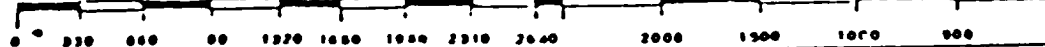


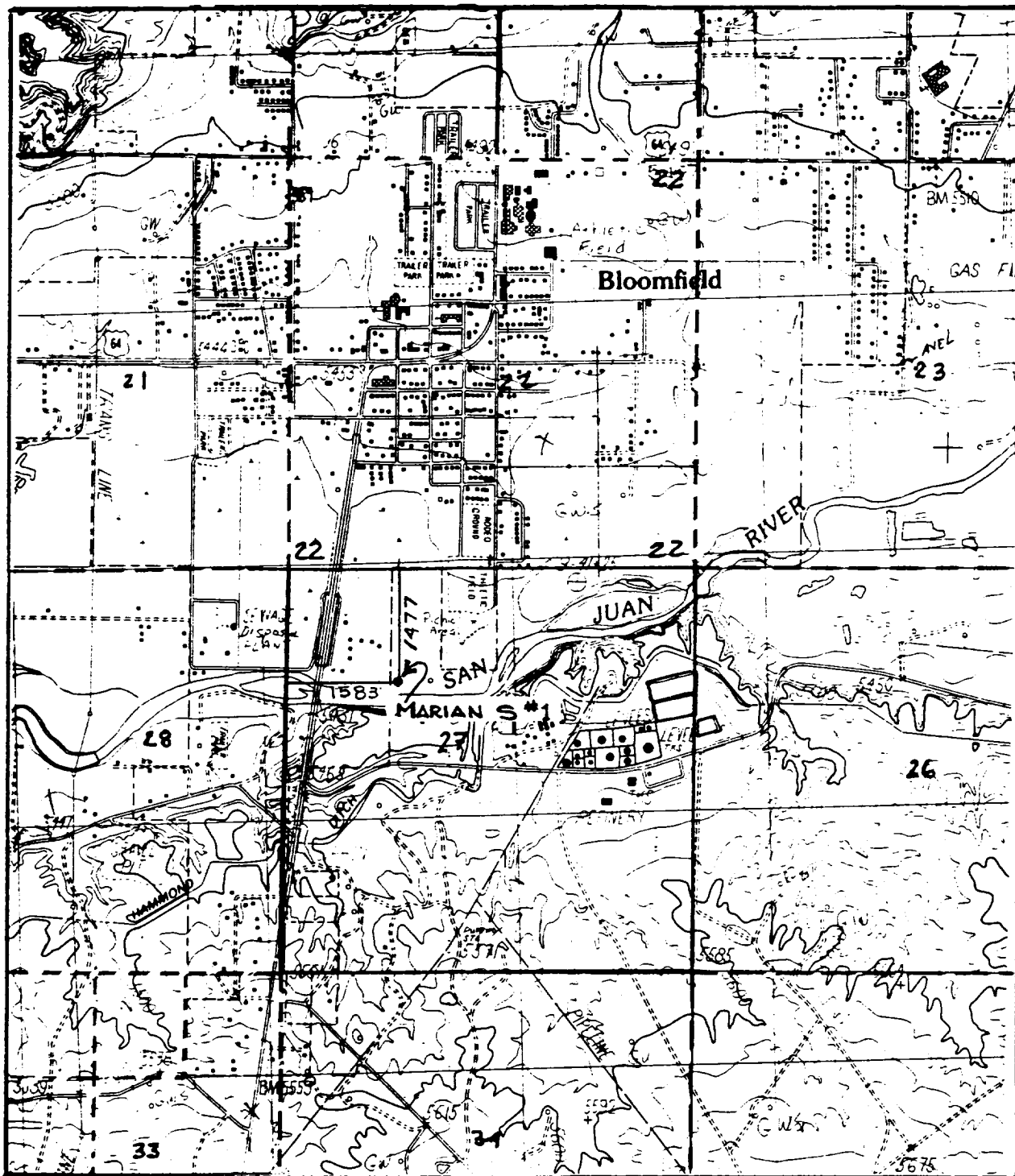
Date Surveyed  
**May 15, 1989**

Registered Professional Engineer and/or Land Surveyor

**J. ROGER MILLER**

Certificate No.  
**9752**





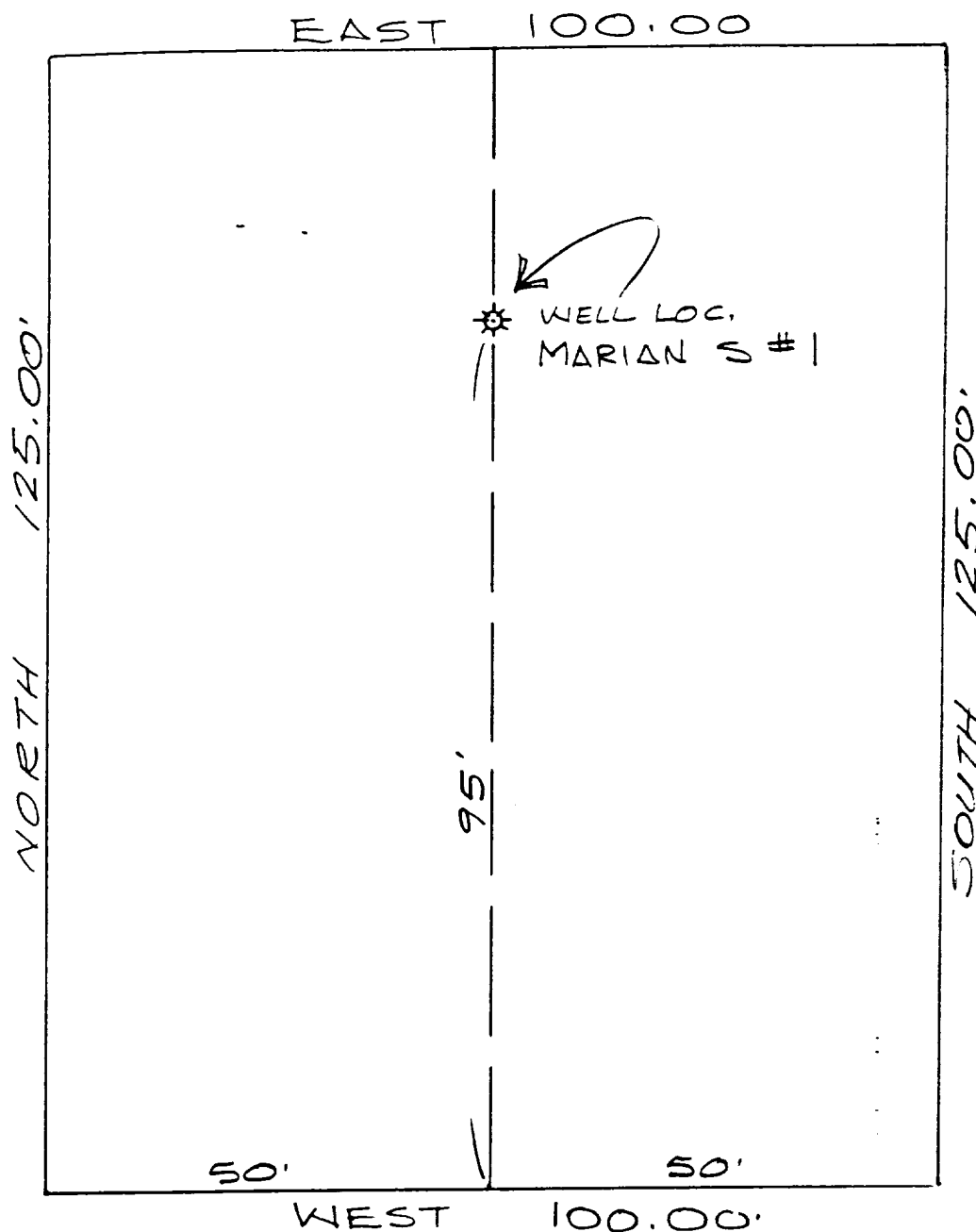
MANANA GAS, INC.  
 Marian S #1  
 SE1/4NW1/4, Sec. 27, T29N, R11W, N.M.P.M.  
 San Juan County, New Mexico



SCALE: 1" = 2000

DATE: MAY 12, 1989

**SAN JUAN ENGINEERS**  
 2101 SAN JUAN BLVD, FARMINGTON, NEW MEXICO

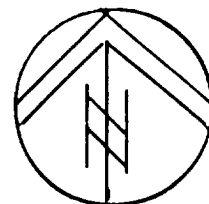


\* NOTE.

WELL LOC. MARIAN  
S#1 1257' FROM  
NEAREST BLDG

WELL PAD LAYOUT  
MAÑANA GAS INC.  
MARIAN S #1  
1477 F/NL-1583 F/WIL  
SECTION 27, T29N, R11W  
SAN JUAN CO, NEW MEXICO

SCALE: 1" = 20'  
DATE: MAY 12, 1989



SAN JUAN ENGINEERS  
2101 SAN JUAN BLVD, FARMINGTON, NEW MEXICO