

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 ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

Name of Operator

Manana Gas, Inc.

Address of Operator

P.O. Box 36990, Albuquerque, N.M. 87176

Location of Well

UNIT LETTER P LOCATED 892 FEET FROM THE South LINE  
860 FEET FROM THE East LINE OF SEC. 22 TWP. 29N RGE. 11W NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Nancy Hartman

9. Well No.

2

10. Field and Pool, or Wildcat  
Bloomfield-Chacra

12. County

San Juan

Elevations (Show whether DF, RT, etc.)

5433 GL

21A. Kind & Status Plug. Bond

Blanket-on file

19. Proposed Depth

3000

19A. Formation

Chacra

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

UNKNOWN

22. Approx. Date Work will start

6/15/86

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
7.875	<del>5.500</del> 4 1/2	<del>10.50</del> 10.5	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 typs.

Gas is not dedicated.

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APR 08 1986  
OIL CON. DIV.  
DIST.

APPROVAL EXPIRES 10-15-86  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODU

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

Signed Ed Hartman Title President Date 4/8/86  
(This space for State Use)

PROVED BY ORIGINAL SIGNED BY ERNIE BUSCH TITLE GEOLOGIST DISTRICT #3 DATE APR 15 1986  
ADDITIONS OF APPROVAL, IF ANY: