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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-25241
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Phyllis Hartman
9. Well No. 1
10. Field and Pool, or Wildcat Bloomfield-Chacra
12. County San Juan
19. Proposed Depth 3000
19A. Formation Chacra
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 5442 GL
21A. Kind & Status Plug. Bond Blanket-on file
21B. Drilling Contractor Aztec Well Servicing Co.
22. Approx. Date Work will start October 15, 81

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 Box 145, Farmington, New Mexico 87401 4. Location of Well UNIT LETTER N LOCATED 790 FEET FROM THE South LINE AND 1510 FEET FROM THE West LINE OF SEC. 24 TWP. 29N RGE. 11W NMPM	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> 325-3066 160
23.	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/2	8 5/8	24	270	300	surface
7 7/8	5 1/2	14	3000	600	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 type.

Gas is dedicated.

APPROVAL VALID
FOR 6 MONTHS UNLESS
DRILLING COMMENCED,

EXPIRES 5-12-82



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 AK Hendrich Title Vice President Date November 12, 1981

(This space for State Use)

APPROVED BY Frank T. Lang TITLE SUPERVISOR DISTRICT # 3 DATE NOV 12 1981

CONDITIONS OF APPROVAL, IF ANY:

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

Operator MANANA GAS, INCORPORATED			Lease PHYLLIS HARTMAN		Well No. 1
Unit Letter N	Section 24	Township 29N	Range 11W	County San Juan	

Actual Footage Location of Well:

790	feet from the South	line and	1510	feet from the West	line
Ground Level Elev. 5442	Producing Formation Chacra		Pool Bloomfield-Chacra		Dedicated Acreage: 160 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.

Scale: 1"=1000'

CERTIFICATION

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

Name <i>Carl Kendrick</i>
Position Vice President
Company Manana Gas, Inc.
Date November 12, 1981

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.

Date Surveyed June 8, 1981
Registered Professional Engineer and Land Surveyor <i>Fred A. Kern Jr.</i>
Certificate No. 3950