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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FCC ☒

5. State Oil & Gas Lease No.
21-1415-27361

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well
OIL WELL ☐ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator
Manana Gas, Inc.

3. Address of Operator
1002 Tramway Lane, NE, Albuquerque, N.M. 87122

4. Location of Well
UNIT LETTER 2 F LOCATED 1547 FEET FROM THE North LINE
AND 1583 FEET FROM THE West LINE OF SEC. 27 TWP. 29N RGE. 11W NADPM

7. Unit Agreement Name

8. Farm or Lease Name
Lauren Kelley

9. Well No.
1

10. Field and Pool, or Wildcat
Aztec Fruitland

12. County
San Juan

11. Elevations (Show whether DE, RT, etc.) 5421 GL	21A. Kind & Status Plug. Bond Blanket	19. Proposed Depth <u>1500-1450</u>	19A. Formation Fruitland Sand	20. Rotary or C.T. Rotary
	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	1500	150	Surface

Intend to drill, log and case well
Fruitland Sand will be sand/foam fractured

Estimated tops: Ojo Alamo 430
Kirtland 490
Fruitland Sand 1018

BOP will be 8", series 900, hydraulic, double gate type

Gas is not dedicated.

APPROVAL EXPIRES 12-31-89
UNLESS DRILLING IS COMMENCED.
SPUD (CONTRACT) 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 Harkin Title President Date 6/12/89

(This space for State Use)

APPROVED BY Ed Burch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUN 14 1989
CONDITIONS OF APPROVAL, IF ANY:

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

Form C-103
Supersedes C-128
Effective 1-1-83

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

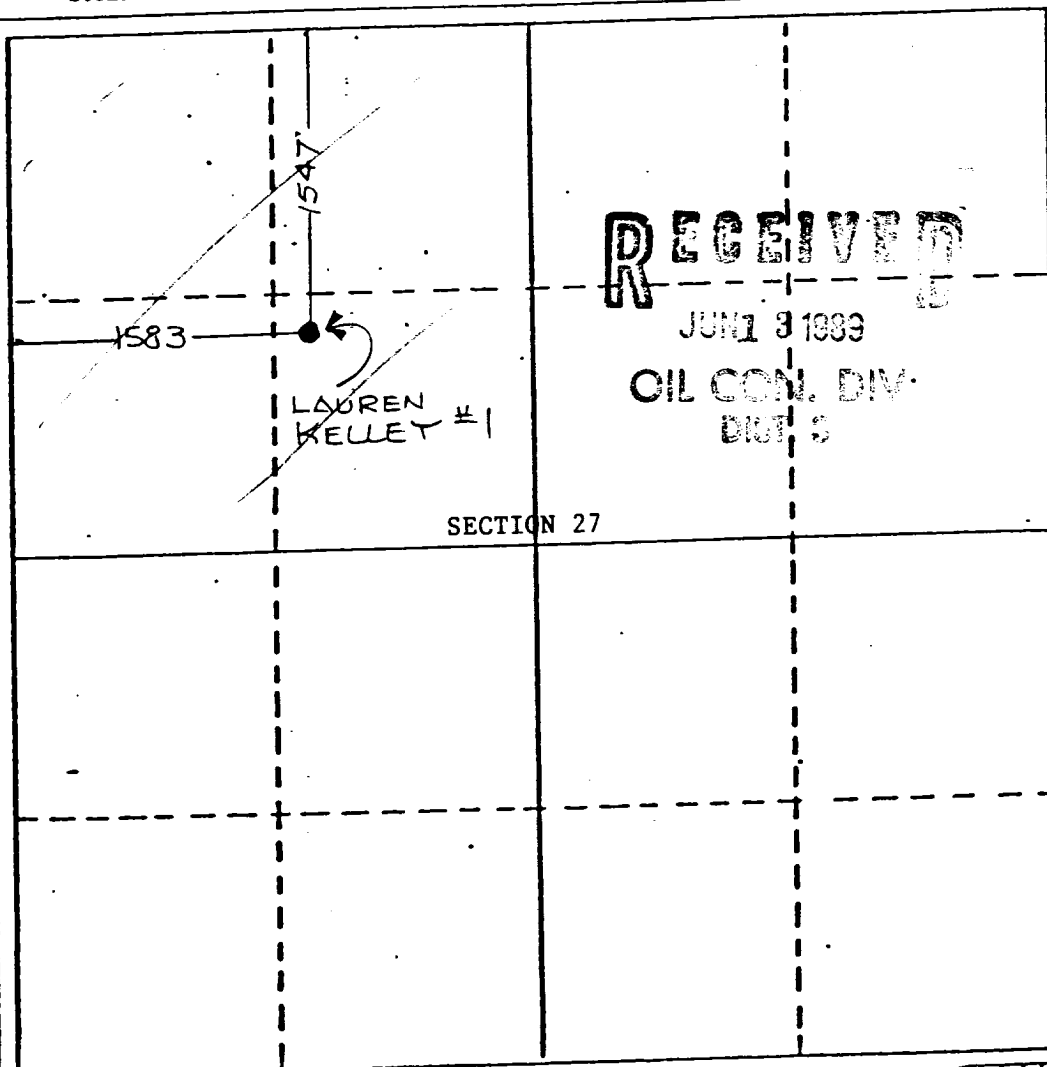
Operator MANANA GAS, INC.		Lease LAUREN KELLEY		Well No. 1
Unit Letter F	Section 27	Township 29 NORTH	Range 11 WEST	County SAN JUAN
Actual Footage Location of Well: 1547 feet from the NORTH line and 1583 feet from the WEST line				
Ground Level Elev. 5421	Producing Formation <i>pe Fat Sand</i>	Pool AZTEC	Dedicated Acreage: 160 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 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.



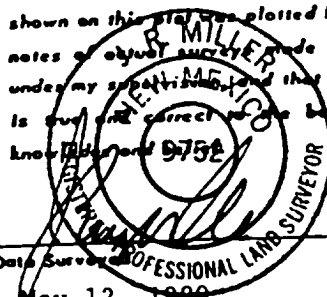
CERTIFICATION

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

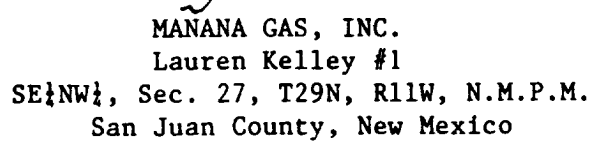
Ed Hartman

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 or other surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge.

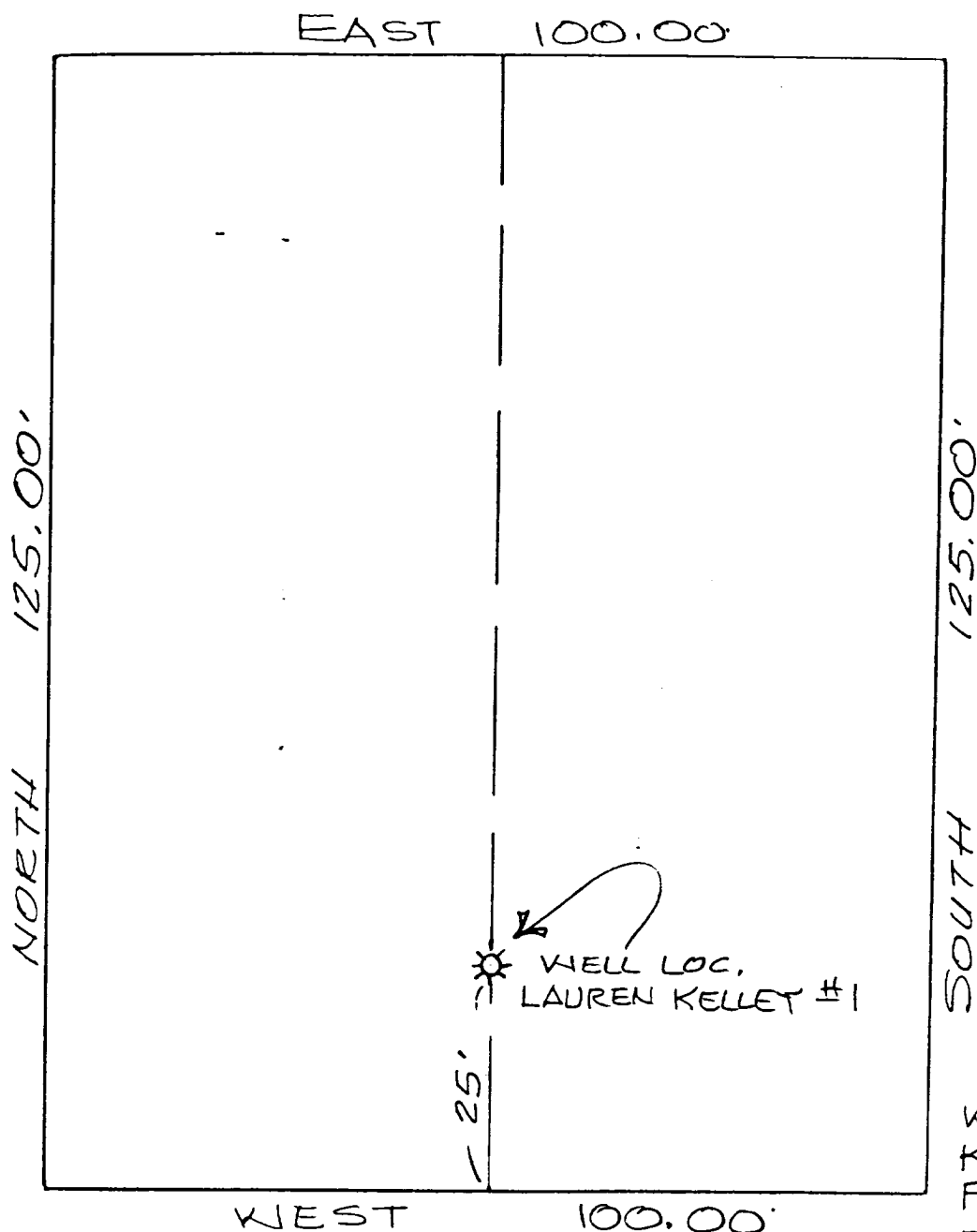


Date Surveyed	May 12, 1989
Registered Professional Engineer and/or Land Surveyor	J. Roger Miller
Certificate No.	9752



DATE: MAY 12, 1989

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

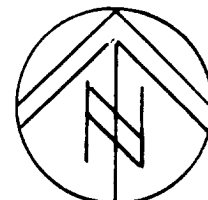


NOTE:

WELL LOC. LAUREN
KELLEY #1 1227'
FROM NEAREST
BUILDING.

WELL PAD LAYOUT
MAÑANA GAS INC.
LAUREN KELLEY #1
1547 F/NL - 1583 F/WL
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