

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-025-27900  
5. LEASE DESIGNATION AND SERIAL NO.  
NM 16371

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Flying W Diamond Federal

9. WELL NO.  
110. FIELD AND POOL, OR WILDCAT  
Wildcat11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 4, 22S-38E

12. COUNTY OR PARISH 13. STATE  
Lea N.M.

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

EUROPA ENERGY, INC.

3. ADDRESS OF OPERATOR

Ste. 1111, Lockbox 109, 9400 N. Central Expressway, Dallas TX 75231

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface

660' FNL 660' FWL Sec. 4-22S-38E

At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

5 miles East of Eunice, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

664.26

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

4600'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3400.3' GL

22. APPROX. DATE WORK WILL START\*

July 26, 1982

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	Conductor	40'	40 sx Redi-Mix to Surface
12 1/4"	8 5/8"	32# K-55	1600'	600 sx + 2% CaCl <sub>2</sub> - Surface
7 7/8"	5 1/2"	14# K-55	4600'	250 sx back to 3500'

Propose to drill to 4600' to test San Andres and intermediate formations.  
Complete in deepest commercial zone by setting casing perforating, treat-  
ing and testing.

See attached: Drilling Data  
BOP Sketch  
Surface Use and Operations Plan

Drilling will be conducted over the July 31, 1982 expiration date to justify  
a 2 year lease extension pursuant to 43 CFR 3701.2-3.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

JERRY W. LONG

TITLE Agent

DATE July 22, 1982

(This space for Federal or State office use)

PERMIT NO.

(Orig. Sgd.) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

JUL 28 1982

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. CRANE  
DISTRICT DIRECTOR

\*See Instructions On Reverse Side

**RECEIVED**

JUL 30 1982

**O.C.D.  
HOBBS OFFICE**

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

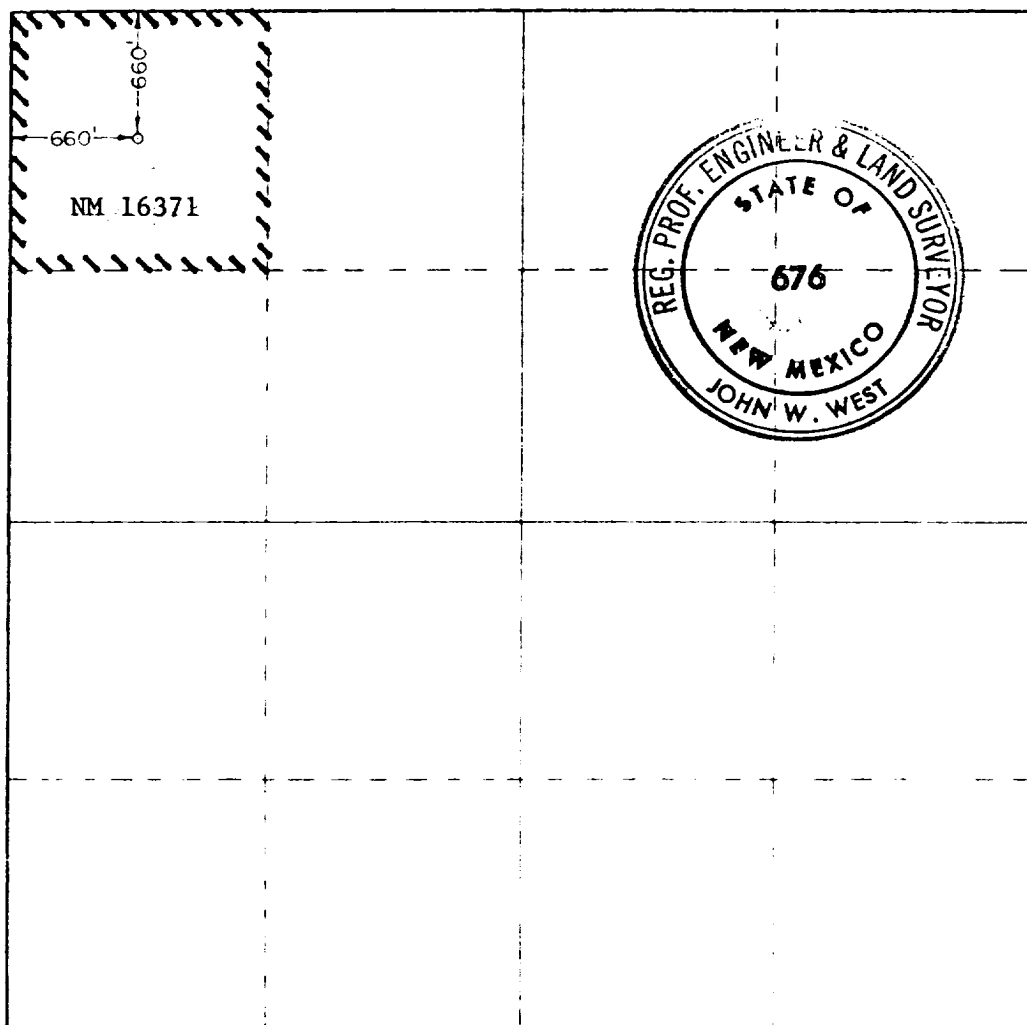
Operator <b>Europa Energy, Inc.,</b>			Lease <b>Flying W Diamond Federal</b>		Well No. <b>1</b>
Tract Letter <b>D</b>	Section <b>4</b>	Township <b>22 South</b>	Range <b>38 East</b>	County <b>Lea</b>	
Actual Well Location of Well: <b>660</b> feet from the <b>north</b> line and <b>660</b> feet from the <b>west</b> line					
Ground Level Elev. <b>3400.3</b>	Producing Formation <b>San Andres</b>		Pool <b>Wildcat</b>	Dedicated Acreage: <b>40</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). Single Lease
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.

Name  
**JERRY W. LONG**  
Position  
**Agent**

Company  
**EUROPA ENERGY, INC.**

Date  
**July 22, 1982**

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.

7-20-82

Registered Professional Engineer  
Professional Surveyor

Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6663**  
**Ronald J. Eidson 3239**