

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-22037

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

Supron Energy Corporation

3. ADDRESS OF OPERATOR

P. O. Box 808, Farmington, New Mexico 87401

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

At surface

790 feet from the North line and 790 feet from the East line.

At proposed prod. zone

Same as above.

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

28 Miles Northwest of Ojito, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

790 feet

790 feet

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED

TO THIS WELL

159.91

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

Approx. 2190

19. PROPOSED DEPTH

3400

20. ROTARY OR CABLE TOOLS

Rotary

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

6708 Gr.

22. APPROX. DATE WORK WILL START\*

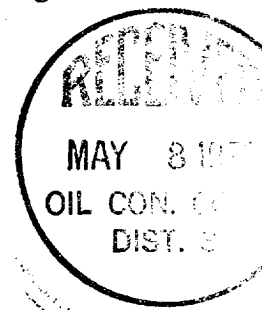
May 15, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7-5/8"	20.0	250	150 Sx.
6-3/4"	2-7/8"	6.50	3400	200 sx.

This well will be drilled and completed in the Pictured Cliffs formation. After the well is drilled, pipe is set and cemented, the casing will be perforated. The well will be sand water fraced to stimulate production. We will then run tubing to be set at approximately 3100 feet.

gas is dedicated



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

Rudy D. Motto

TITLE

Area Superintendent

DATE

April 25, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

RECEIVED

APPROVED BY

TITLE

MAY 7 1979

CONDITIONS OF APPROVAL, IF ANY:

ok Frank

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

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

Form C-102  
Supersedes C-33  
Effective 1-1-65

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

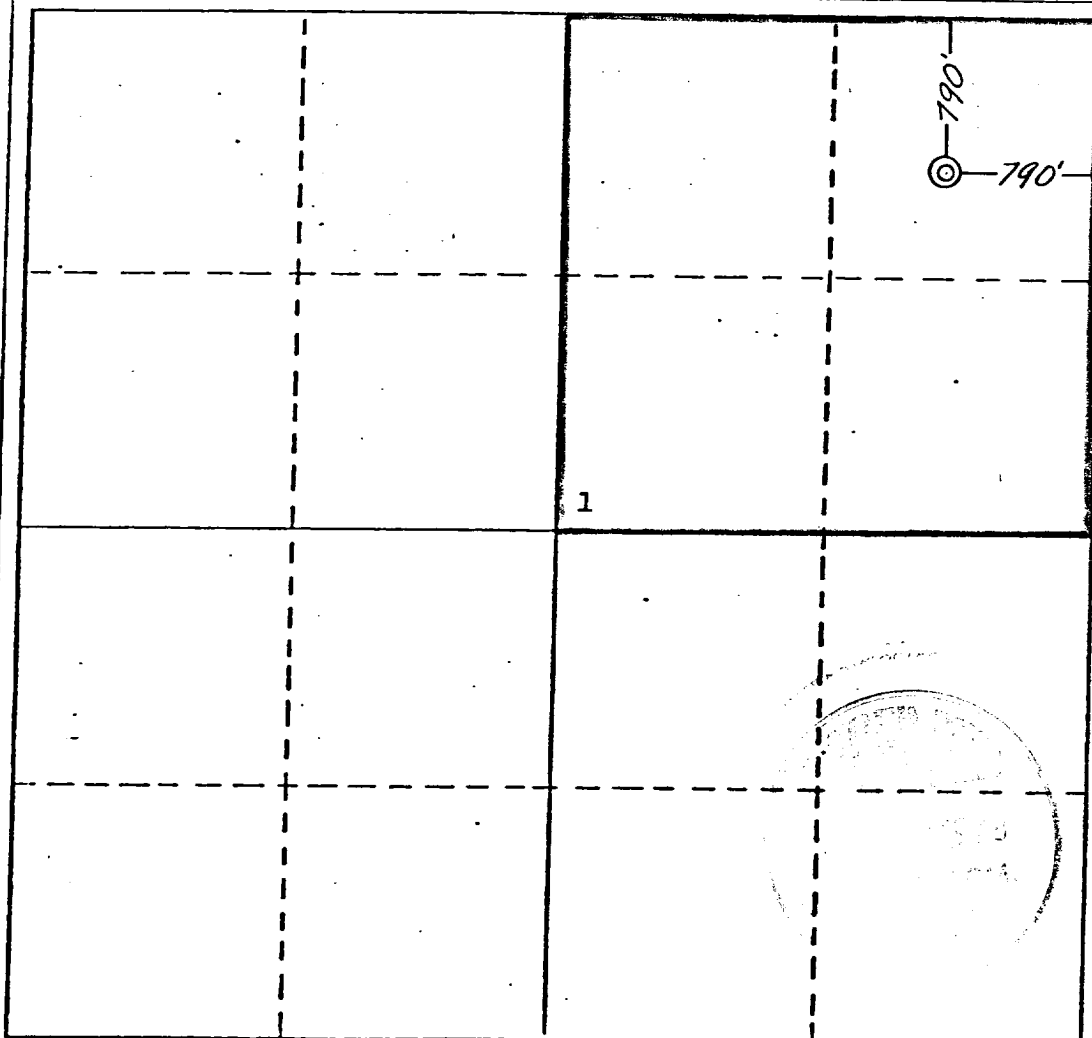
Operator <b>SUPRON ENERGY CORPORATION</b>			Lease <b>JICARILLA "K"</b>		Well No. <b>21</b>
Unit Letter <b>A</b>	Section <b>1</b>	Township <b>25 NORTH</b>	Range <b>5 WEST</b>	County <b>RIO ARRIBA</b>	
Actual Footage Location of Well: <b>790</b> feet from the <b>NORTH</b> line and <b>790</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>6708</b>	Producing Formation <b>PICTURED CLIFFS</b>		Pool <b>SOUTH BLANCO</b>		Dedicated Acreage: <b>NE1/4 159.91</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.

*Rudy D. Motto*

Name

**Rudy D. Motto**

Position

**Area Superintendent**

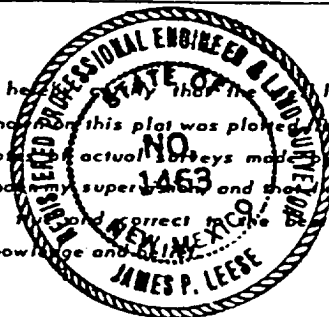
Company

**SUPRON ENERGY CORPORATION**

Date

**April 11, 1979**

I hereby certify that the location shown on this plat was plotted in the field from 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

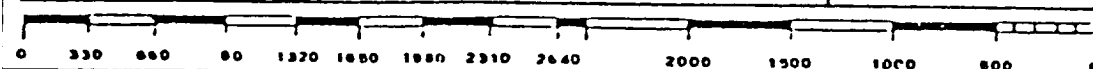
**5 April 1979**

Registered Professional Engineer and/or Land Surveyor

*James P. Leese*  
**James P. Leese**

Certificate No.

**1463**



United States Geological Survey  
P. O. Box 1809  
Durango, Colorado 81301

Attention: Mr. Jerry Long

Dear Sir:

Supron Energy Corporation proposes to drill the Jicarilla "K" No. 21 well located 790 feet from the North line and 790 feet from the East line, Section 1, Township 25 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico.

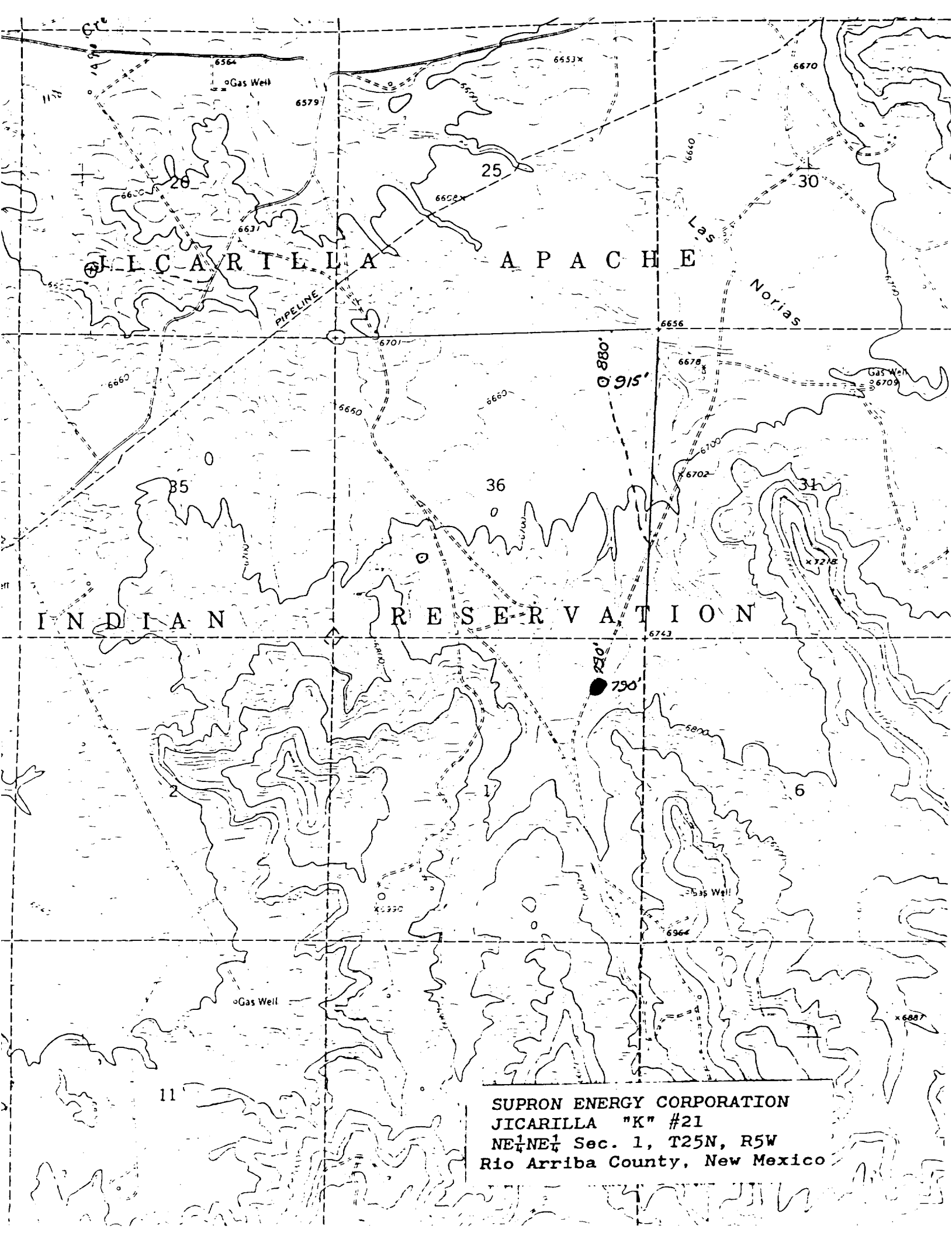
The following attachments are included with this application:

1. Map of existing roads.
2. There is no access road required.
3. Location of existing wells.
4. Lateral roads to well locations.
5. Location of surface equipment, if required.
6. Drilling and completion water will be obtained from the Supron Energy Corporation water well located in the SW/4 of Section 23, T-26N, R-4W, N.M.P.M., Rio Arriba County, New Mexico.
7. Waste will be disposed of by being placed in the reserve pit and buried upon completion of the well.
8. There will be no camp at or near the well site.
9. There will be no air strip.
10. A plat is attached showing the location of the rig, mud pits, reserve pit, burn pit, ect.
11. A letter of Certification is attached and the operators representative is Rudy D. Motto, Area Superintendent, P. O. Box 808, Farmington, New Mexico 87401, Phone (505) 325-3587.
12. After the well is completed the location will be cleaned up and bladed. The reserve pit will be fenced on three sides when the location is built. After the well is drilled the pit will be fenced off until it has dried and then the pit will be filled and restored to its natural state.
13. The soil is sandy, clayey loam with the principal vegetation being Opuntia, greasewood, Russian thistle and galleta.

JICARILLA "K" NO. 21

SUPPLEMENT TO FORM 9-331C

1. The Geologic name of the surface formation is "Wasatch".
2. The estimated tops of important Geologic markers are:
  - A. Base of Ojo Alamo 2865 feet
  - B. Fruitland 2933 feet
  - C. Pictured Cliffs 3200 feet
3. The estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are:
  - A. Base of Ojo Alamo 2865 feet - water
  - B. Fruitland 2933 feet - water
  - C. Pictured Cliffs 3200 feet - gas
4. The casing program is shown on Form 9-331C and all casing is new.
5. The lessee's pressure control equipment schematics are attached along with minimum specifications, testing procedures and frequencies.
6. The type, estimated volumes and characteristics of the circulating mediums are as follows:
  - A. From 0 feet to 250 feet - Natural Mud
  - B. From 250 feet to 3300 feet - Permaloid non dispersed mud containing 167 sx of gel. 67 sx of permaloid and 10 sx of C.M.C.
7. The auxiliary equipment to be used will be floats at the bit and a sub on the floor with a full opening valve to be stabbed into the drill pipe when the Kelly is not in the string.
8. This well is in an area which is almost completely developed, therefore we will not have a testing and coring program. The logging program is as follows:
  - A. E. S. Induction
  - B. Gamma Ray Density
  - C. Gamma Ray Correlation
  - D. Cement Bond or Temperature log
9. There are no abnormal pressures, temperatures, or hydrogen sulfide problems expected in this highly developed area.
10. The anticipated starting date of this well is May 15, 1979.

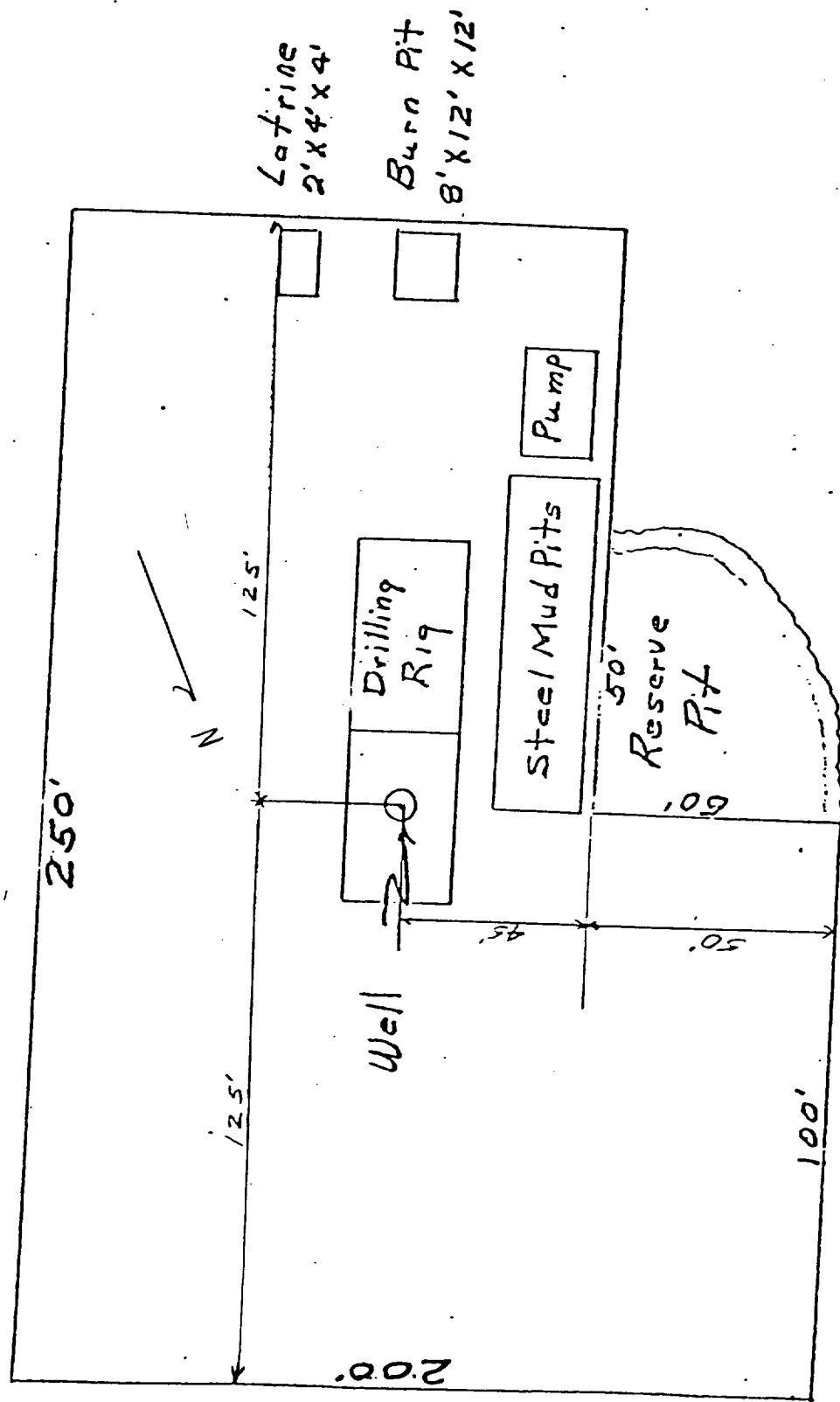


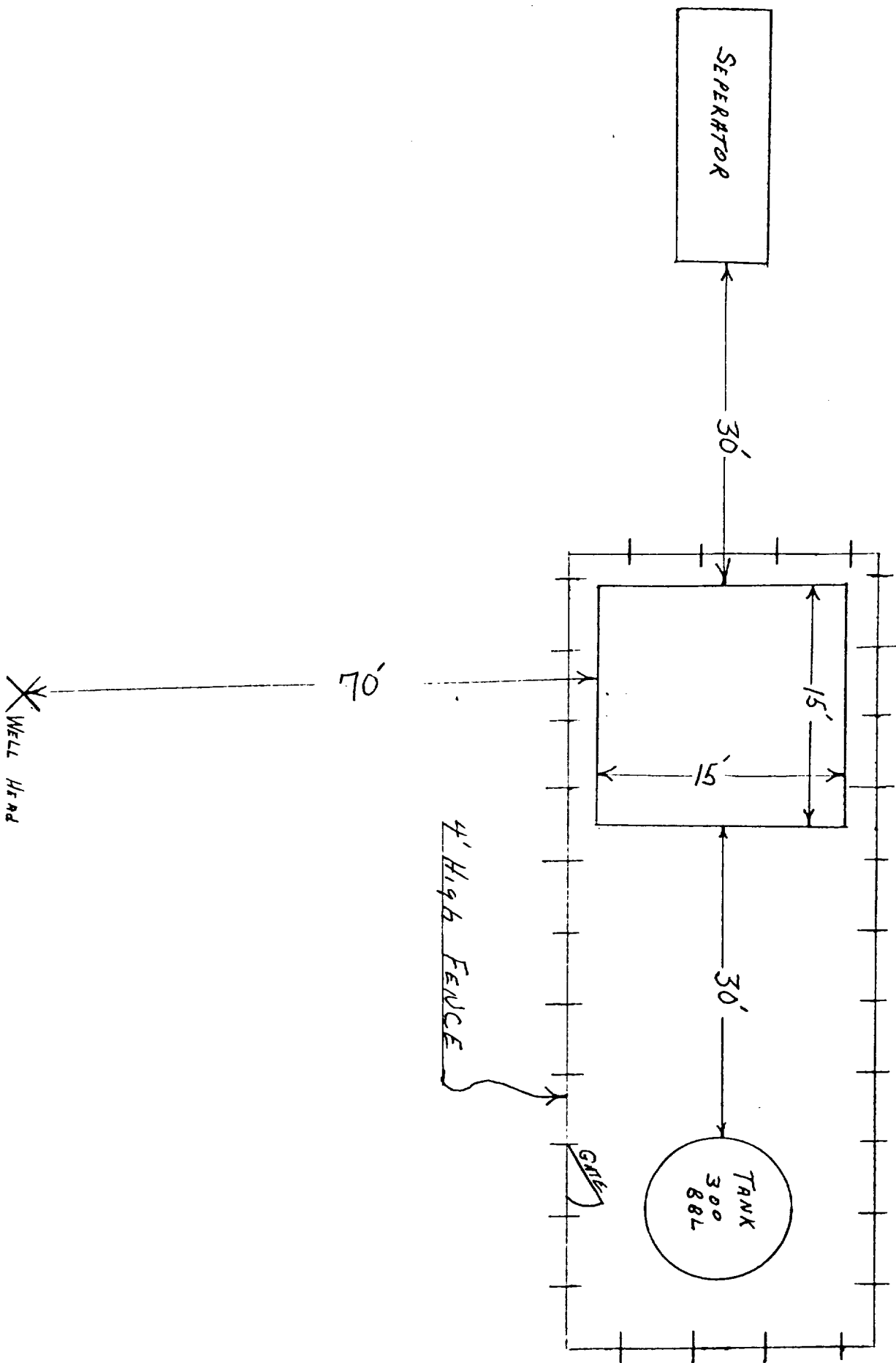
SUPRON ENERGY CORPORATION  
JICARILLA "K" #21  
NE $\frac{1}{4}$ NE $\frac{1}{4}$  Sec. 1, T25N, R5W  
Rio Arriba County, New Mexico

SUPRON ENERGY CORPORATION  
LOCATION AND EQUIPMENT LAYOUT

JICARILLA "K" NO. 21

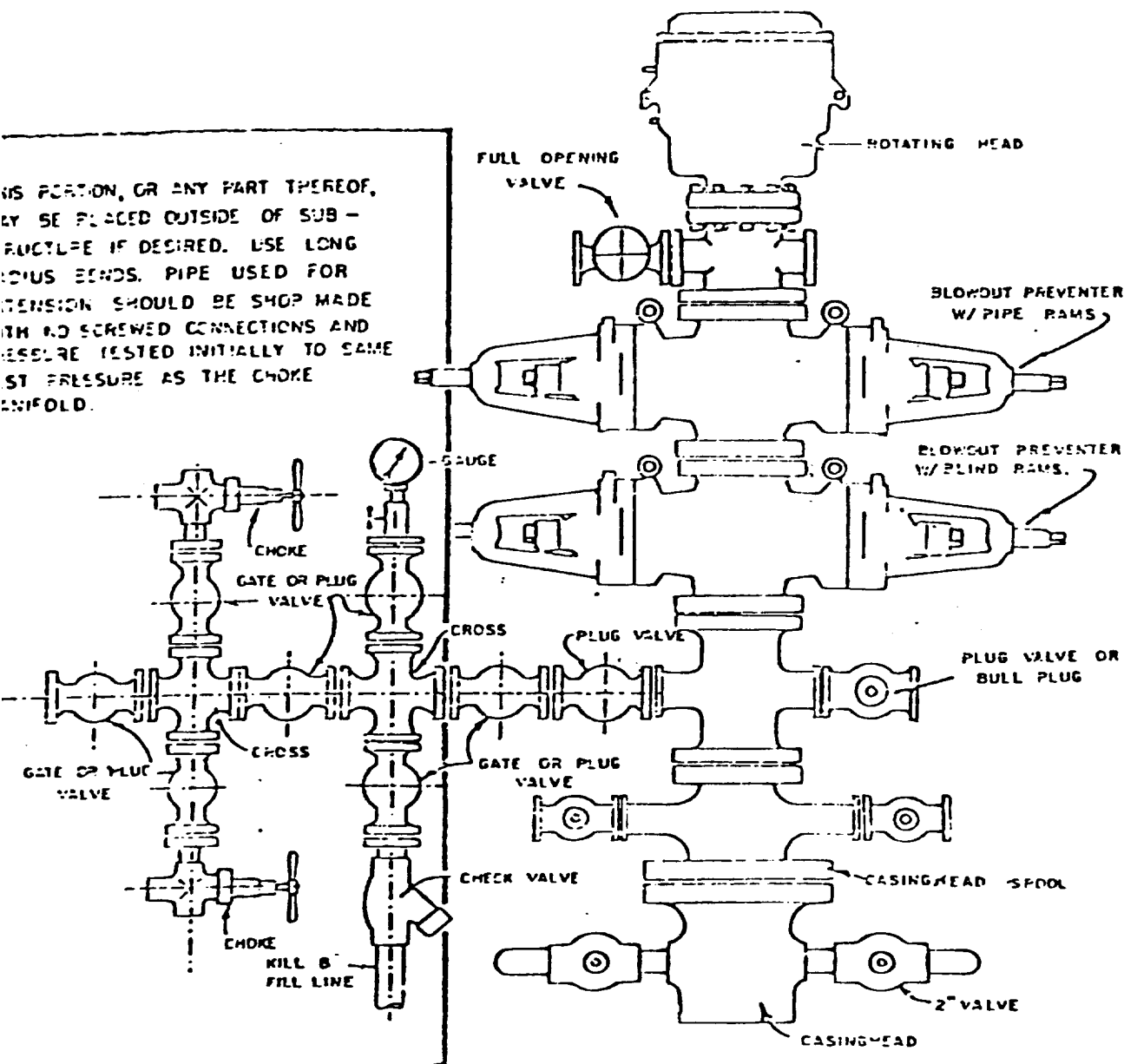
790 Feet from the North line and 790 feet from the East line of Section 1, Township 25 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico.





Blowout Preventer will be tested daily and prior to drilling out with the results to be logged on the drillers report.

The B.O.P. and all valve and fittings are rated at 3000 psi working pressure, and hydraulically operated



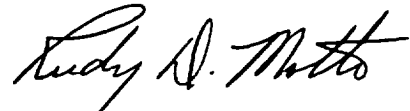
BLOWOUT PREVENTER HOOKUP



SUPRON ENERGY CORPORATION  
POST OFFICE BOX 808  
FARMINGTON, NEW MEXICO 87401

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by SUPRON ENERGY CORPORATION and its contractors subcontractors in conformity with this plan and the terms and conditions under which it is approved.

SUPRON ENERGY CORPORATION

A handwritten signature in black ink, reading "Rudy D. Motto". The signature is written in a cursive style with a large, stylized "R" and "M".

Rudy D. Motto  
Area Superintendent  
Phone: 325-3587