

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
Duiron 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
1450 feet from the North line and 790 feet from the West line.
 At proposed prod. zone **Same as above**

5. LEASE DESIGNATION AND SERIAL NO.
Contract No. 103

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla #16

9. WELL NO.
11

10. FIELD AND POOL, OR WILDCAT
Benin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18, T-20N, R-4W N.M.P.M.

12. COUNTY OR PARISH
Do Arriba

13. STATE
New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
16 miles Northwest of Ujito, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
790 feet

16. NO. OF ACRES IN LEASE
2560

17. NO. OF ACRES ASSIGNED TO THIS WELL
W 1/2 320 Acres 326.11

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
5580 Ft.

19. PROPOSED DEPTH
8000 Ft.

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6781 Ft. Cr.

22. APPROX. DATE WORK WILL START*
August 1, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/8"	10-3/4"	32.75	250 Ft.	175 cu. ft.
9-7/8"	7-5/8"	26.40	3600 Ft.	1160 cu. ft.
6-3/4"	5-1/2"	15.50	5000 Ft.	660 cu. ft.

It is proposed to drill this well to be completed in the Dakota formation. After the well is drilled, pipe will be run and cemented. The casing will then be perforated and sand water freed. Tubing will be run and set at approximately 7800 feet.

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 28, 1978**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE **1/1/1978**

CONDITIONS OF APPROVAL, IF ANY:

ok Ersk

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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

All distances must be from the outer boundaries of the Section

Operator SUPRON ENERGY CORPORATION		Lease JICARILLA H		Well No. 11
Unit Letter: E	Section 18	Township 26 NORTH	Range 4 WEST	County RIO ARRIBA
Actual Footage Location of Well: 1450 feet from the NORTH line and 790 feet from the WEST line				
Ground Level Elev. 6781	Producing Formation DAKOTA	Pool BASIN	Dedicated Acreage: 326.11 W 1/2 320 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 consolidated. (Use reverse side of this Form if necessary.)

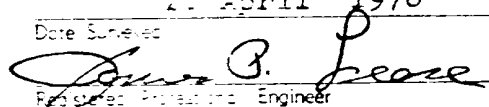
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

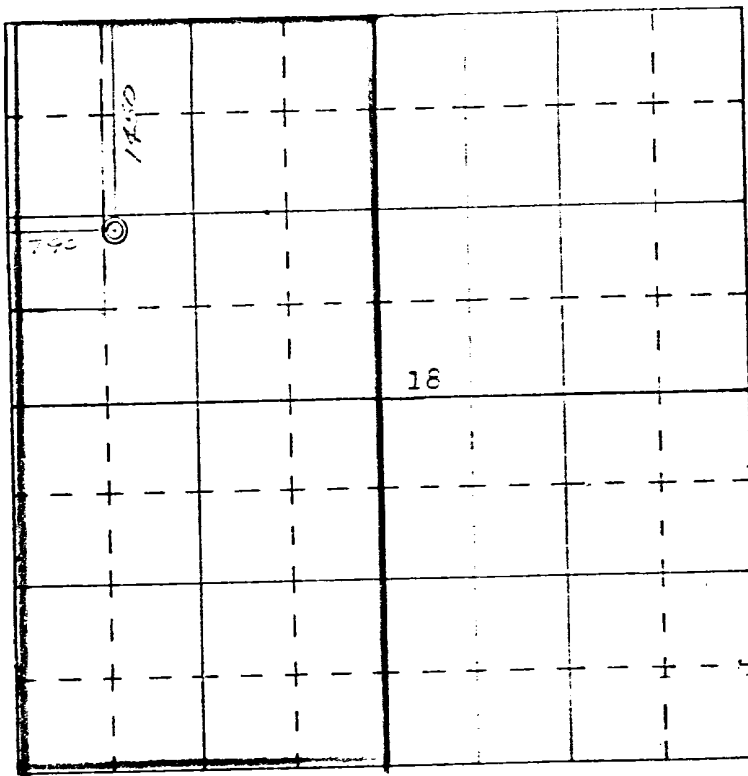
CERTIFICATION

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

Name _____
Rudy D. Motto
 Position _____
Area Superintendent
 Company _____
Supron Energy Corporation
 Date _____
April 28, 1978

I hereby certify that the well location shown on this plat was obtained 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 _____
28 April 1978

 Registered Professional Engineer
 and/or Land Surveyor **James P. Leese**



SCALE—4 INCHES EQUALS 1 MILE

JICARILLA "H" NO. 11

SUPPLEMENT TO FORM 9-3310

1. The Geologic name of the surface formation is, "Wasatch".
2. The estimated tops of the important Geologic markers are:
 - A. Base of Ojo Alamo 3060 feet
 - B. Fruitland 3330 feet
 - C. Pictured Cliffs 3380 feet
 - D. Cliff House 5025 feet
 - E. Point Lookout 5530 feet
 - F. Dakota 7495 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 3060 feet - water
 - B. Fruitland 3330 feet - water
 - C. Pictured Cliffs 3380 feet - gas
 - D. Cliff House 5025 feet - gas
 - E. Point Lookout 5530 feet - gas
 - F. Dakota 7495 feet - gas
4. The casing program is shown on Form 9-3310 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 3600 feet - Permaloid non dispersed mud containing 167 sx of Gel, 67 sx of permaloid and 10 sx of C.M.C.
 - C. From 3600 feet to 8000 feet - Air
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
9. There are no abnormal pressure, temperatures or hydrogen sulfide problems expected in this highly developed area.
10. The anticipated starting date for this well is August 31, 1978.

May 10, 1978

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

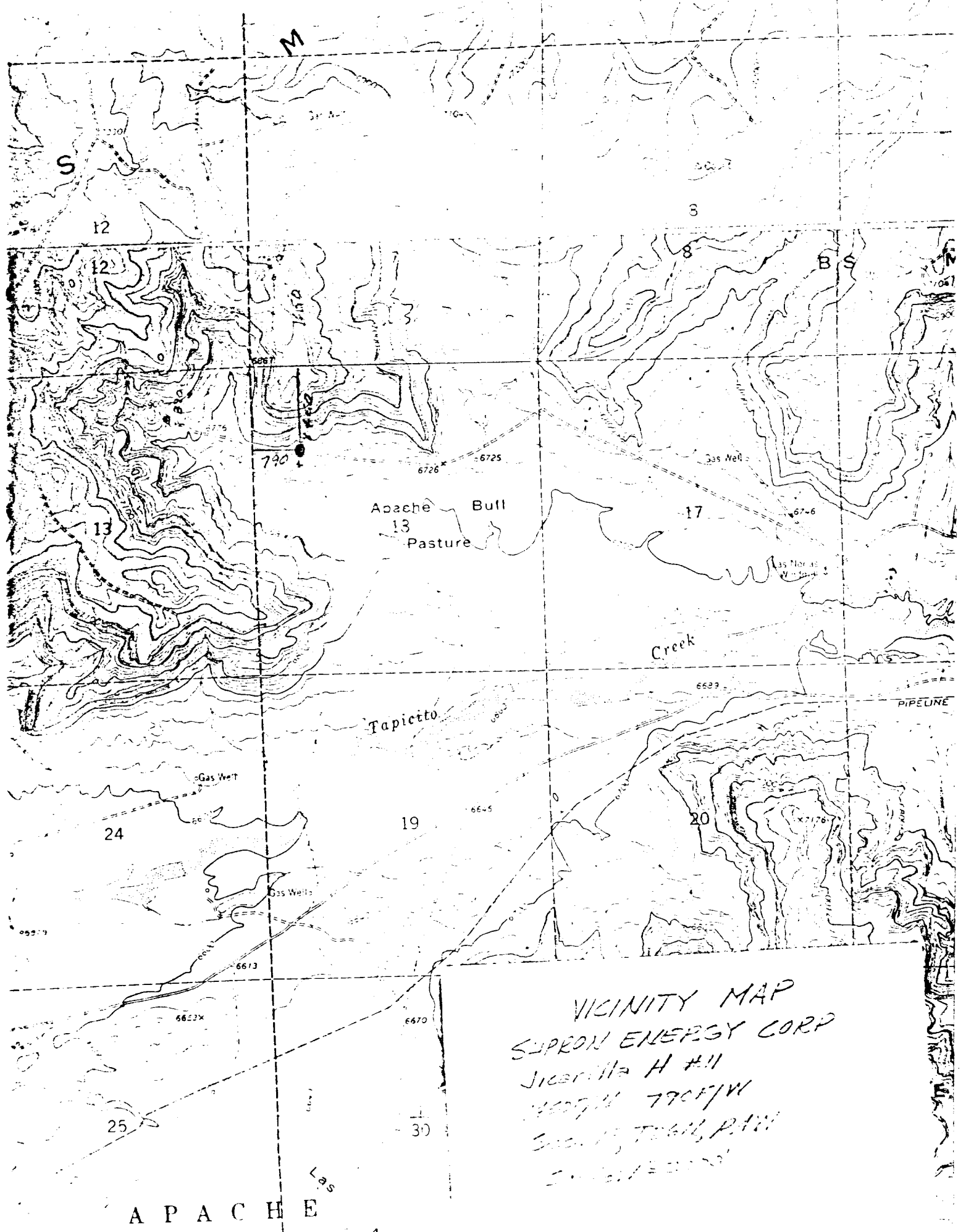
Attention: Mr. Jerry W. Long

Dear Sir:

Supron Energy Corporation proposes to drill the Jicarilla "H" No. 11 well located 1450 feet from the North line and 790 feet from the West line of Section 18, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.

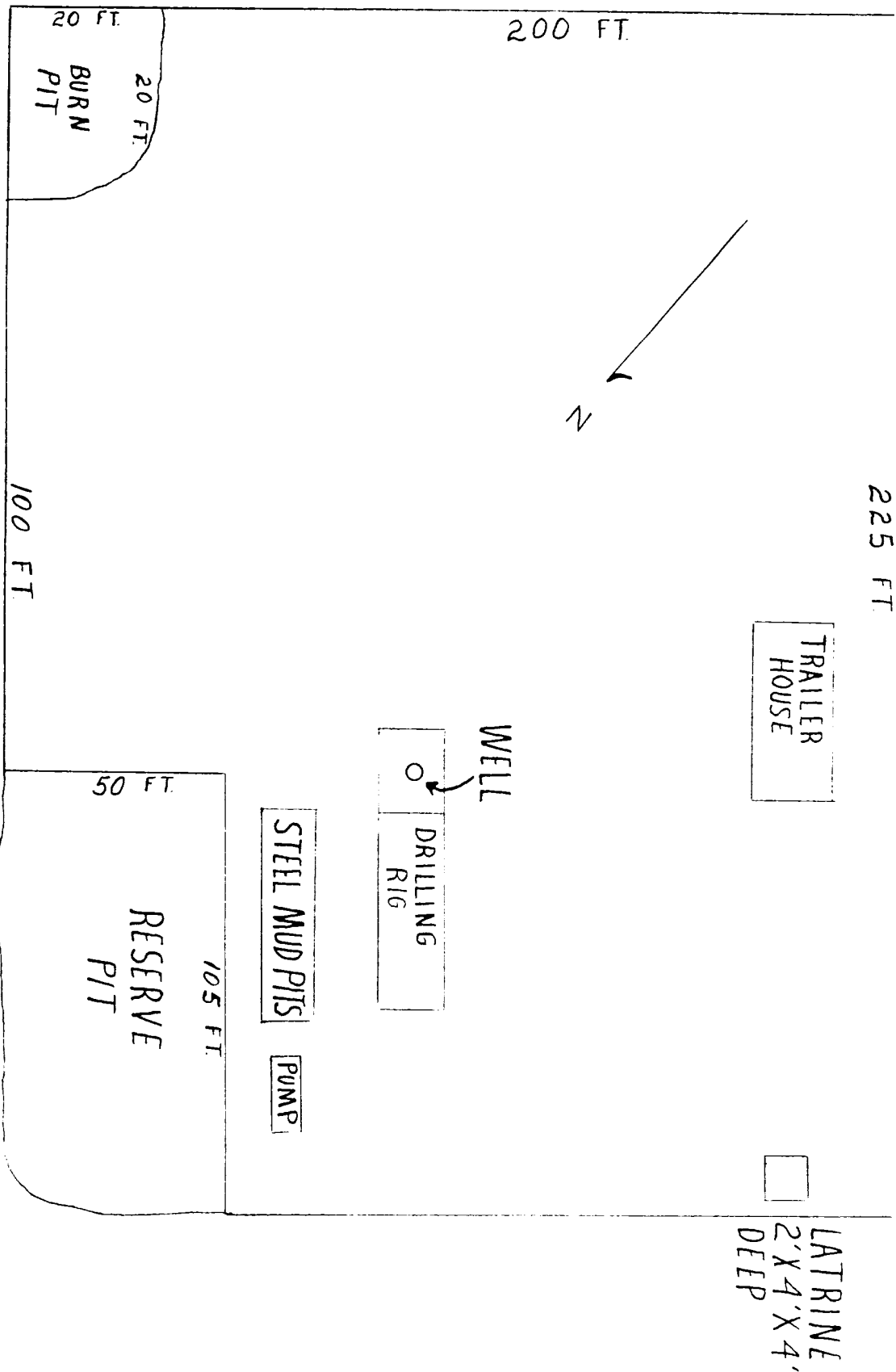
The following attachments are included with this application:

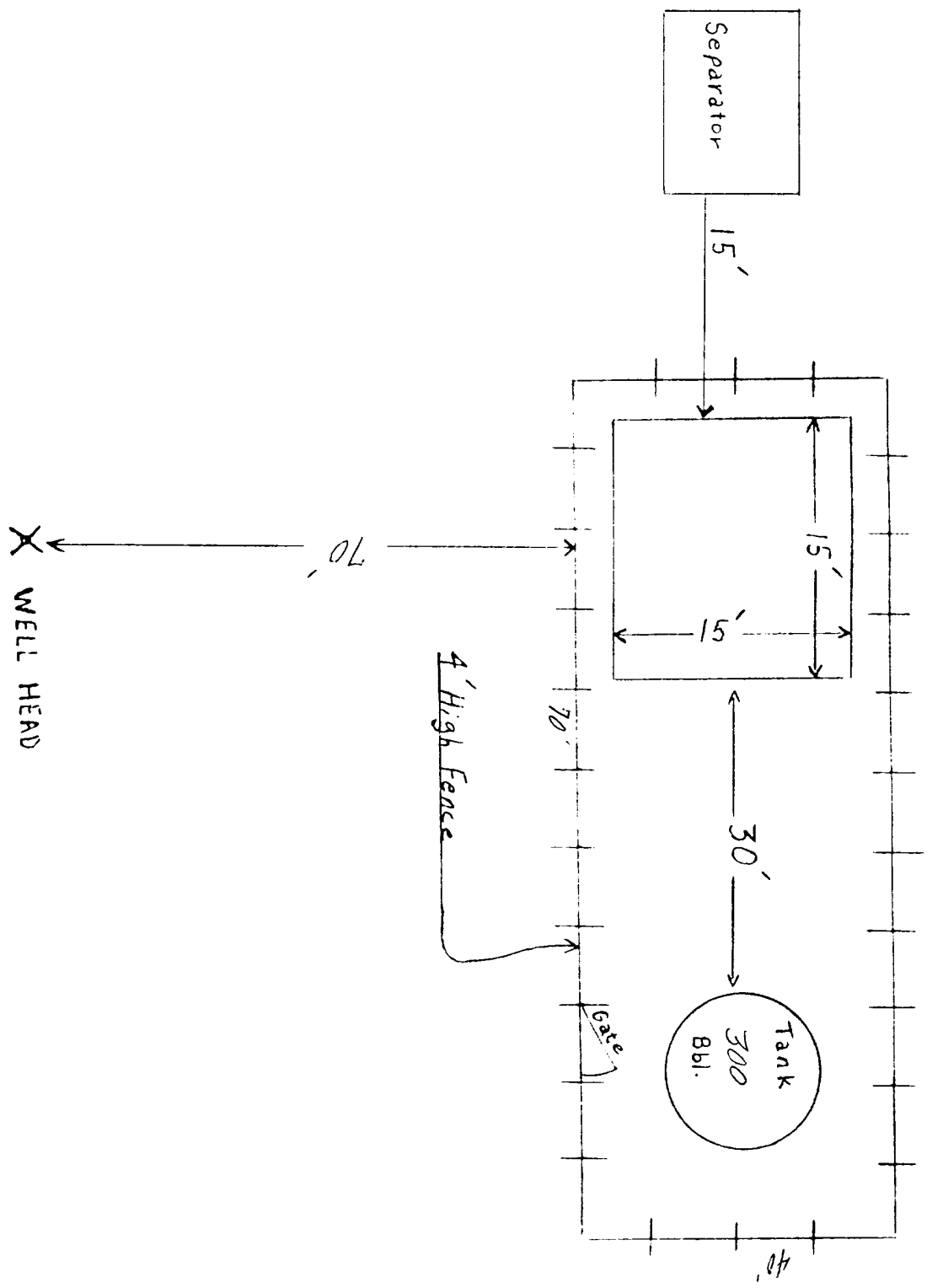
1. Map of existing roads.
2. No access road is necessary.
3. Location of existing wells.
4. Lateral roads to well locations.
5. Location of surface equipment, if required.
6. Drilling and completion water will be obtained from the Supron Energy Corporation water well located in the SW 1/4, Section 23, Township 26 North, Range 4 West, 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 tanks, reserve pit, burn pit, etc.
11. A letter of Certification is attached.
12. When the location is built, the reserve pit will be fenced on three sides. After the well is drilled the pit will be fenced off until it dries then it will be filled and restored to its natural state. The location will then be cleaned and bladed.
13. The soil is sandy loam with the principal vegetation being sandy loam.



SUPRON ENERGY CORPORATION
JICARILLA "H" NO. 11

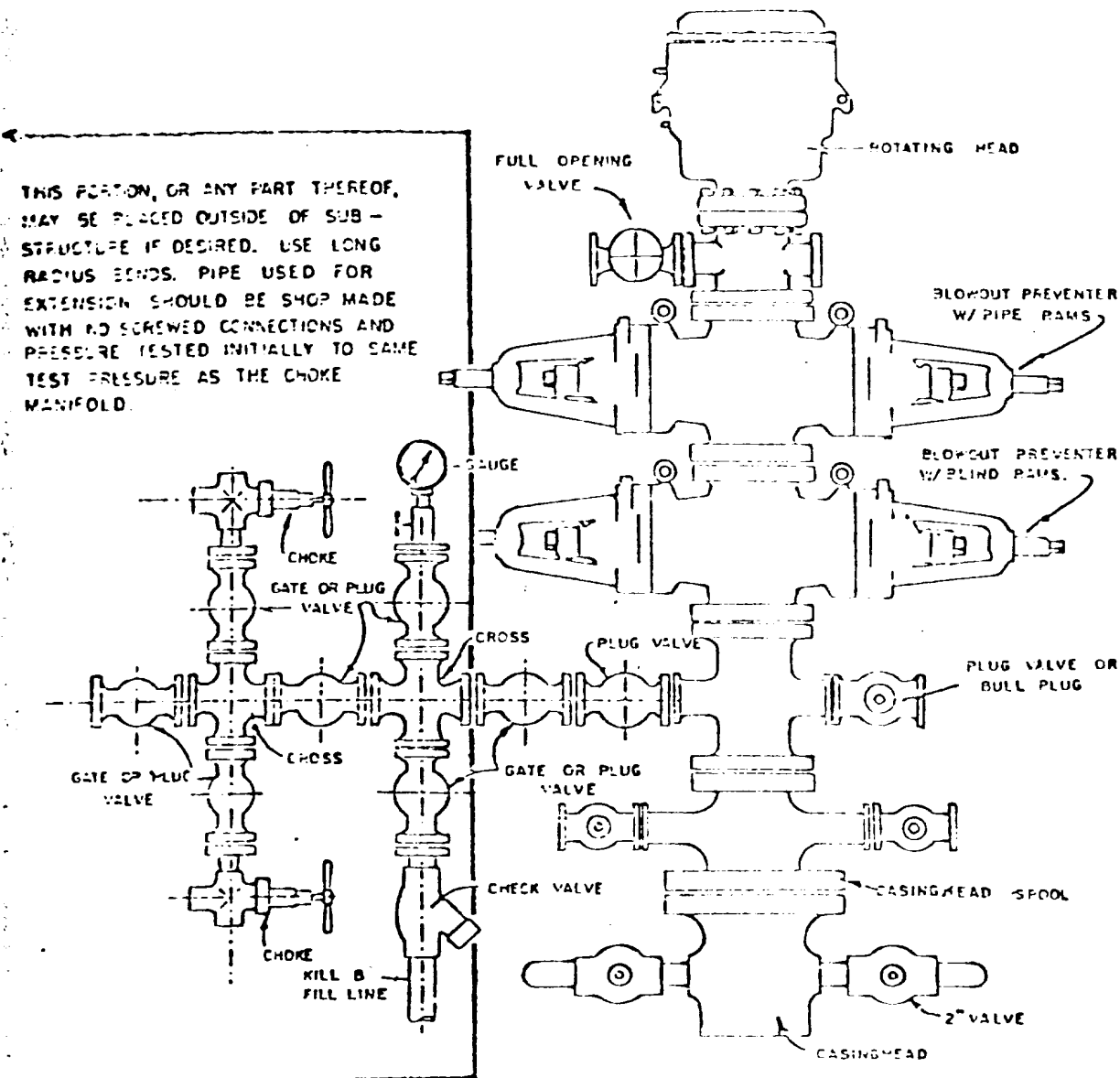
1450 Feet from the North line and 790 feet from the West line of
Section 18, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba
County, New Mexico.





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

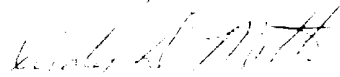


BLOWOUT PREVENTER HOOKUP

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



Rudy D. Motto
Area Superintendent

Phone: 325-3587