

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-046-23077
5. LEASE DESIGNATION AND SERIAL NO.
SF 078511

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
Supren 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
990 feet from the South line & 990 feet from the East line.
 At proposed prod. zone **Same as above**

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

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
990' / Lease & Property Lines
990' / 1125'
1125'

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT.
1980 Ft.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6579 Gr.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Quinn

9. WELL NO.
9

10. FIELD AND POOL, OR WILDCAT
Dubin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY AREA
Sec. 20, T-31N, R-6E, N.M.P.M.

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

16. NO. OF ACRES IN LEASE
2197.12

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

19. PROPOSED DEPTH
8200 Ft.

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
May 20, 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#	200 Ft.	160 cu. ft.
9-7/8"	7-5/8"	26.40#	3700 Ft.	1390 cu. ft.
6-3/4"	5-1/2"	15.50#	8200 Ft.	780 cu. ft.

It is proposed to drill a well to be completed in the Dakota formation. The Intermediate hole will be drilled, using mud as the circulating medium, to a total depth of 3700 feet. Casing will be run and cemented. The Production hole will be drilled to T.D. of approximately 8200 feet using gas as the circulating medium. Casing will be run and cemented after logging. The well will be fractured using sand-water fracturing method. Tubing will be set at approximately 7900 feet after the well is completed.

RECEIVED

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. Original Signed By
 SIGNED Rudy D. Mette TITLE Area Superintendent DATE May 16, 1978
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
 ok Frank

*See Instructions On Reverse Side

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 QUINN		Well No 9
Unit Letter P	Section 20	Township 31 NORTH	Range 8 WEST	County SAN JUAN
Actual Footage Location of Well: 990 feet from the SOUTH line and 990 feet from the EAST line				
Ground Level Elev. 6579	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 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.

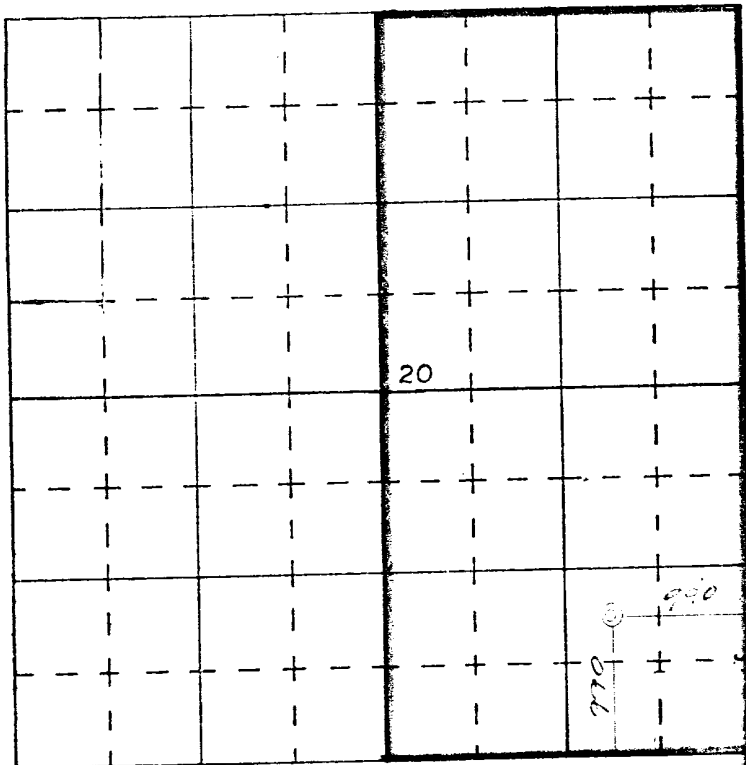
CERTIFICATION

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

Rudy D. Motto
Name
Rudy D. Motto
Position
Area Superintendent
Company
Supron Energy Corporation
Date
May 16, 1978

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.

6 April 1978
Date Surveyed
James P. Leese
Registered Professional Engineer
and/or Land Surveyor **James P. Leese**



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

Certificate No. 1463

May 17, 1978

UNITED STATES GEOLOGICAL SURVEY
P.O. Box 959
Farmington, New Mexico 87401

Attention: Mr. Phil McGrath

Dear Sir:

Supron Energy Corporation proposes to drill the Quinn No. 9 well located 990 feet from the South line and 990 feet from the East line of Section 20, Township 31N, Range 8W, N.M.P.M., San Juan County, New Mexico.

The following attachments are included with this application:

- 1) Map of existing roads.
- 2) Planned access road which is approximately 800 feet long on private property.
- 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 Pump Canyon wash.
- 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 and ect.
- 11) A letter of certification is attached. The operators representative, for compliance purposes, 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 allowed to dry then it will be filled and re-stored to its natural state.
- 13) The soil is sandy loam with the principal vegetation being sage brush.

Quinn No. 9

Suppliment to Form 9-331C

- 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	2178 Feet
B) Top of Fruitland	3060 Feet
C) Top of Picture Cliffs	3460 Feet
D) Top of Cliff House	5310 Feet
E) Top of Point Lookout	5710 Feet
F) Base of Greenhorn	7790 Feet
G) Top of Dakota	7880 Feet
- 3) The estimated depth at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are:

A) Base of Ojo Alamo	2178 Feet--Water
B) Top of Fruitland	3060 Feet--Water and Gas
C) Top of Pictured Cliff	3460 Feet--Water
D) Top of Cliff House	5310 Feet--Gas
E) Top of Point Lookout	5710 Feet-Gas
F) Top of Dakota	7870 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 proceedures and frequencies.
- 6) The type, estimated volumes and characteristics of the circulating mediums are as follows:

A) From 0 Feet TO 200 Feet - Natural mud.
B) From 200 Feet TO 3700 Feet - Permaloid non dispersed mud containing 167 sx of Gel, 67 sx permaloid, 10 sx of C.M.C. and 5 sx of soda ash. Mud weight will vary from 8.2 to 10.5#.
C) From 3700 Feet to 8200 Feet - Natural gas or 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 partially developed; therefore, we will not have a testing and coring program. The logging program will be as follows:

A) E.S. Induction
B) Gamma Ray Density
C) Gamma Ray Correlation
D) Cement bond or temperature.
- 9) There are no anticipated abnormal pressures, temperatures, or hydrogen sulfide problems expected in this partially developed area.
- 10) The anticipated starting date for this well is November 20, 1978

SAN JUAN ENGINEERING CO.

Registered Professional Engineers And Land Surveyors
In New Mexico, Colorado, Utah, Arizona
and Oklahoma

Phone (505)-325-7535 - P. O. Box 752
FARMINGTON, NEW MEXICO 87401

CERTIFICATE OF SURVEY

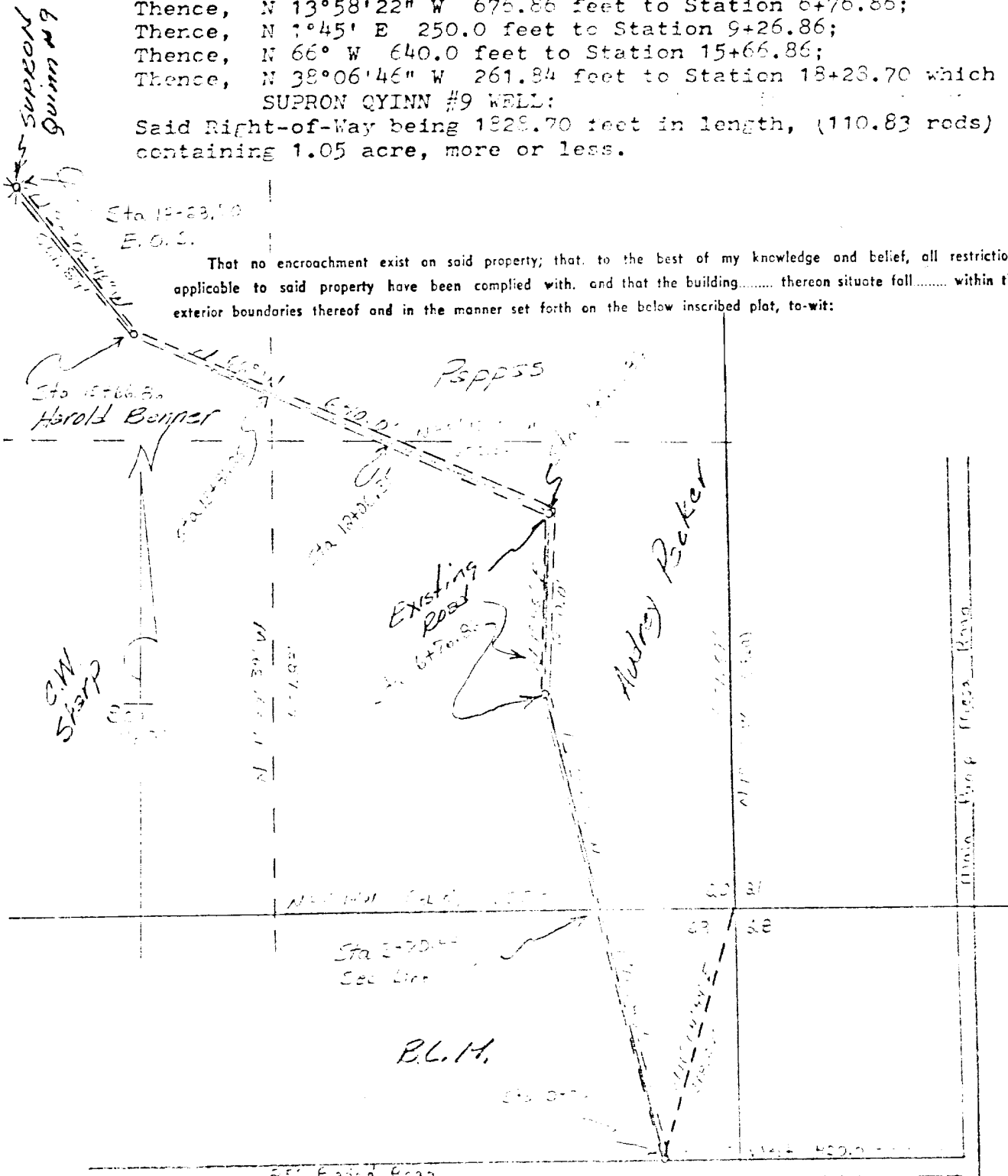
I, James P. Leese, a duly qualified Land Surveyor licensed under the laws of the State of New Mexico, do hereby certify that, on the 24th day of May, 1978, I did check the boundaries of that certain piece of property standing in the name of SUPRON ENERGY CORP.

A strip of land 25.0 feet in width situate in the SE/4 of Section 20, and the NE/4 of Section 29, T 31 N, R 8 W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO; and being 12.5 feet on either side of the following described centerline:

Beginning at a point which is 368.27 feet S 16°04'44" W from the Northeast corner of said Section 29;
Thence, N 13°58'22" W 676.86 feet to Station 6+76.86;
Thence, N 1°45' E 250.0 feet to Station 9+26.86;
Thence, N 66° W 640.0 feet to Station 15+66.86;
Thence, N 38°06'46" W 261.84 feet to Station 18+28.70 which is SUPRON QYINN #9 WELL;

Said Right-of-Way being 1828.70 feet in length, (110.83 rods) and containing 1.05 acre, more or less.

That no encroachment exist on said property; that, to the best of my knowledge and belief, all restrictions applicable to said property have been complied with, and that the building thereon situate fall within the exterior boundaries thereof and in the manner set forth on the below inscribed plat, to-wit:

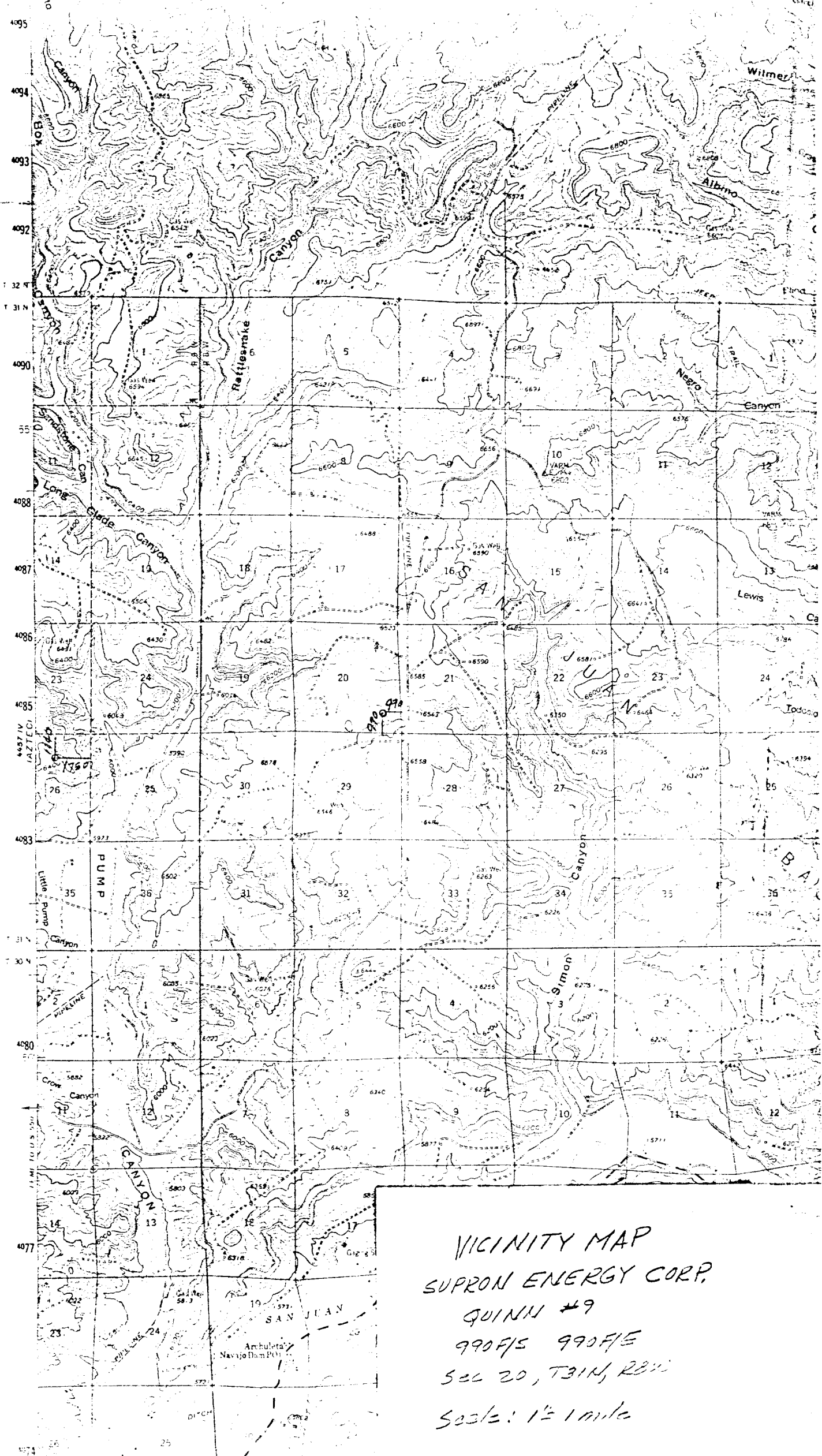


In witness whereof I have hereunto set my hand and seal this 24th day of May, 1978



James P. Leese
JAMES P. LEESE

Registered Professional Engineer and Land Surveyor
New Mexico, Reg. No. 1453 P. E. & L. S.
Colorado, Reg. No. 1855 L. S.
Utah, Reg. No. 1472 L. S.
Arizona, Reg. No. 1849 L. S.

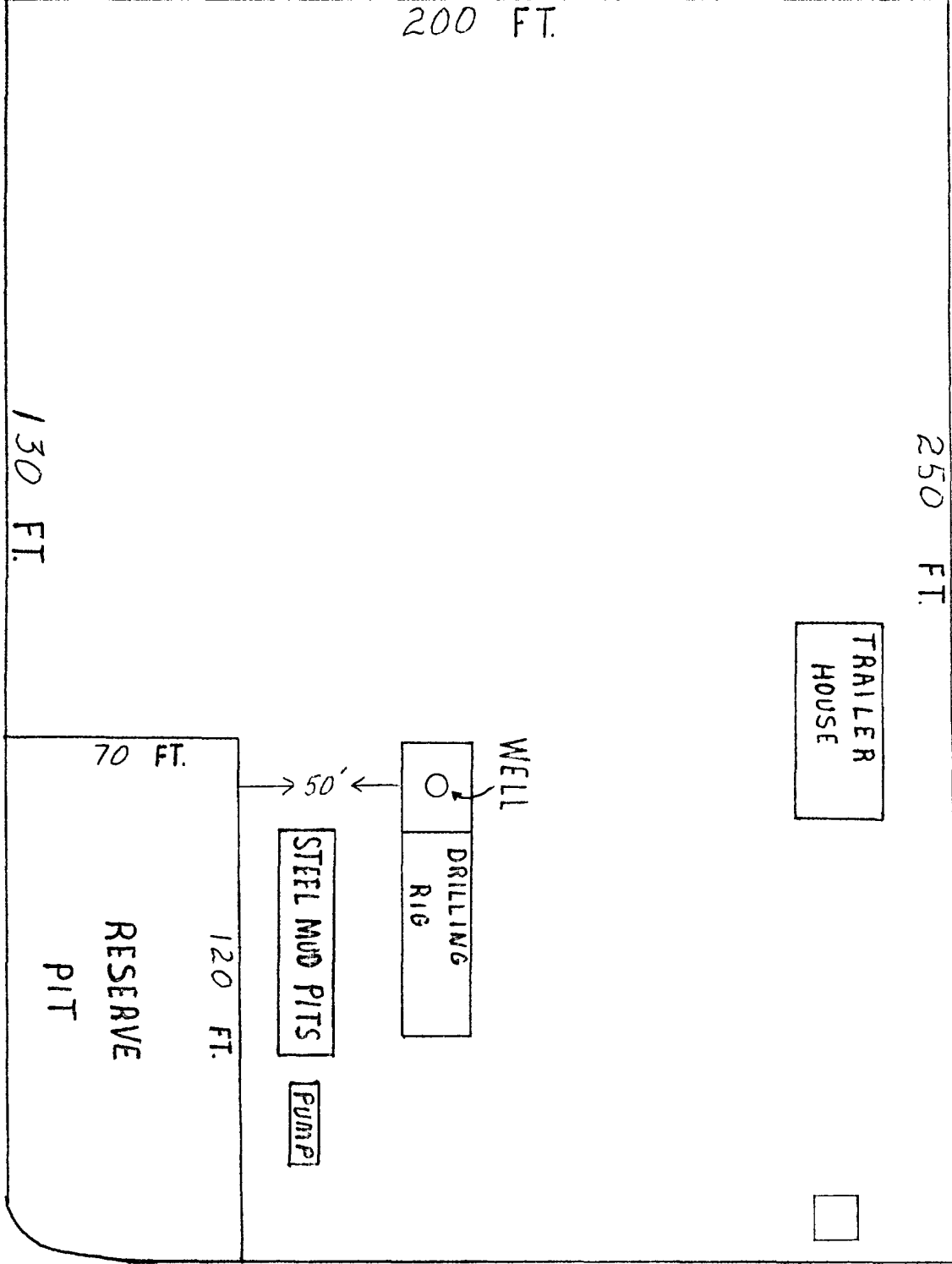


VICINITY MAP
 SUPRON ENERGY CORP.
 QUINN #9
 990F/S 990F/E
 SEC 20, T31N, R8W
 Scale: 1 1/2 miles

SUPRON ENERGY CORPORATION

QUINN NO. 9

990 Feet from the South line and 990 Feet from the East line of Section 20, Township 31 North, Range 8 West, N.M.P.M., San Juan County, New Mexico.



250 FT.

TRAILER HOUSE

LATRINE
2' X 4' X 4'
DEEP

WELL

DRILLING RIG

STEEL MUD PITS

PUMP

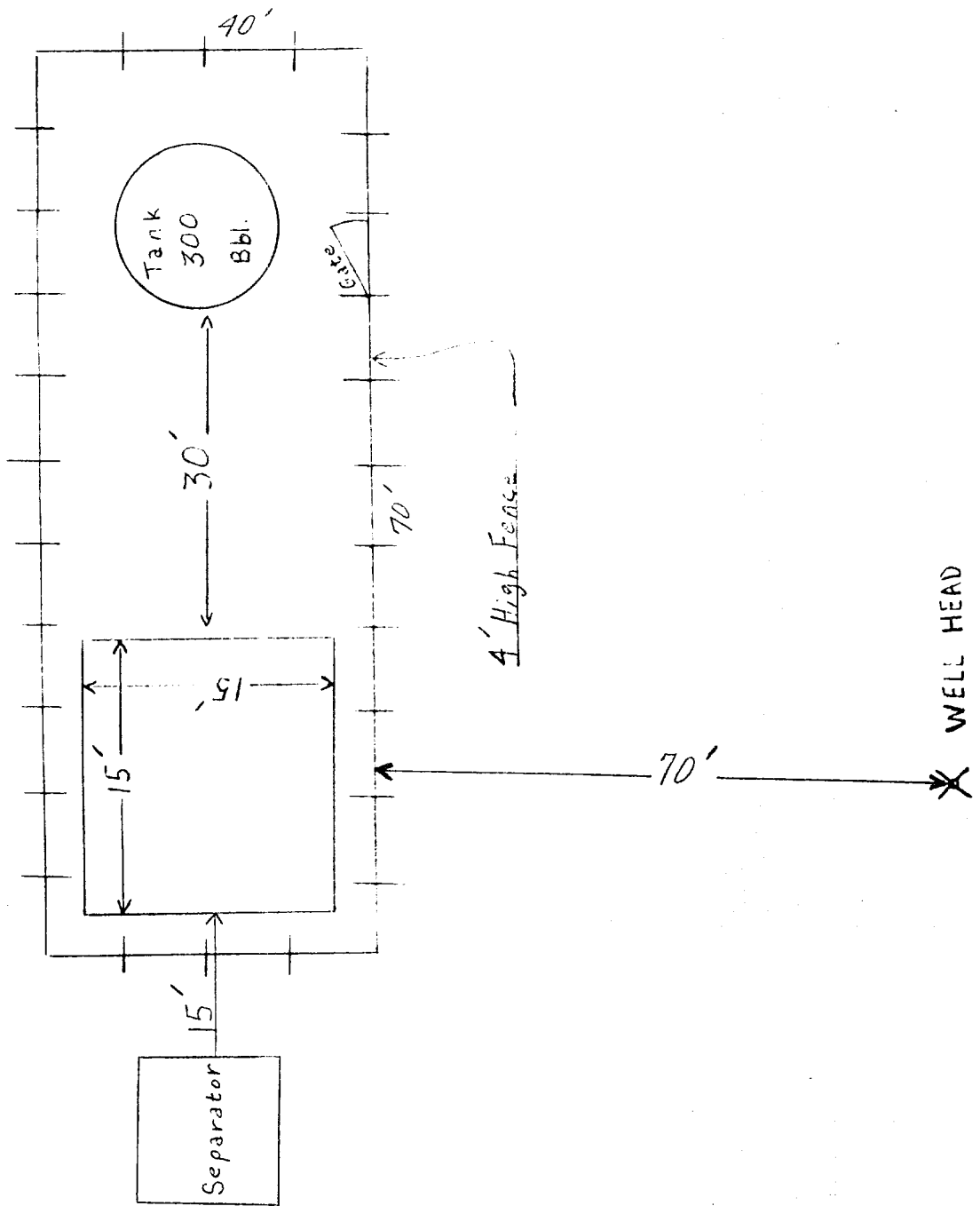
120 FT.

70 FT.

RESERVE PIT

130 FT.

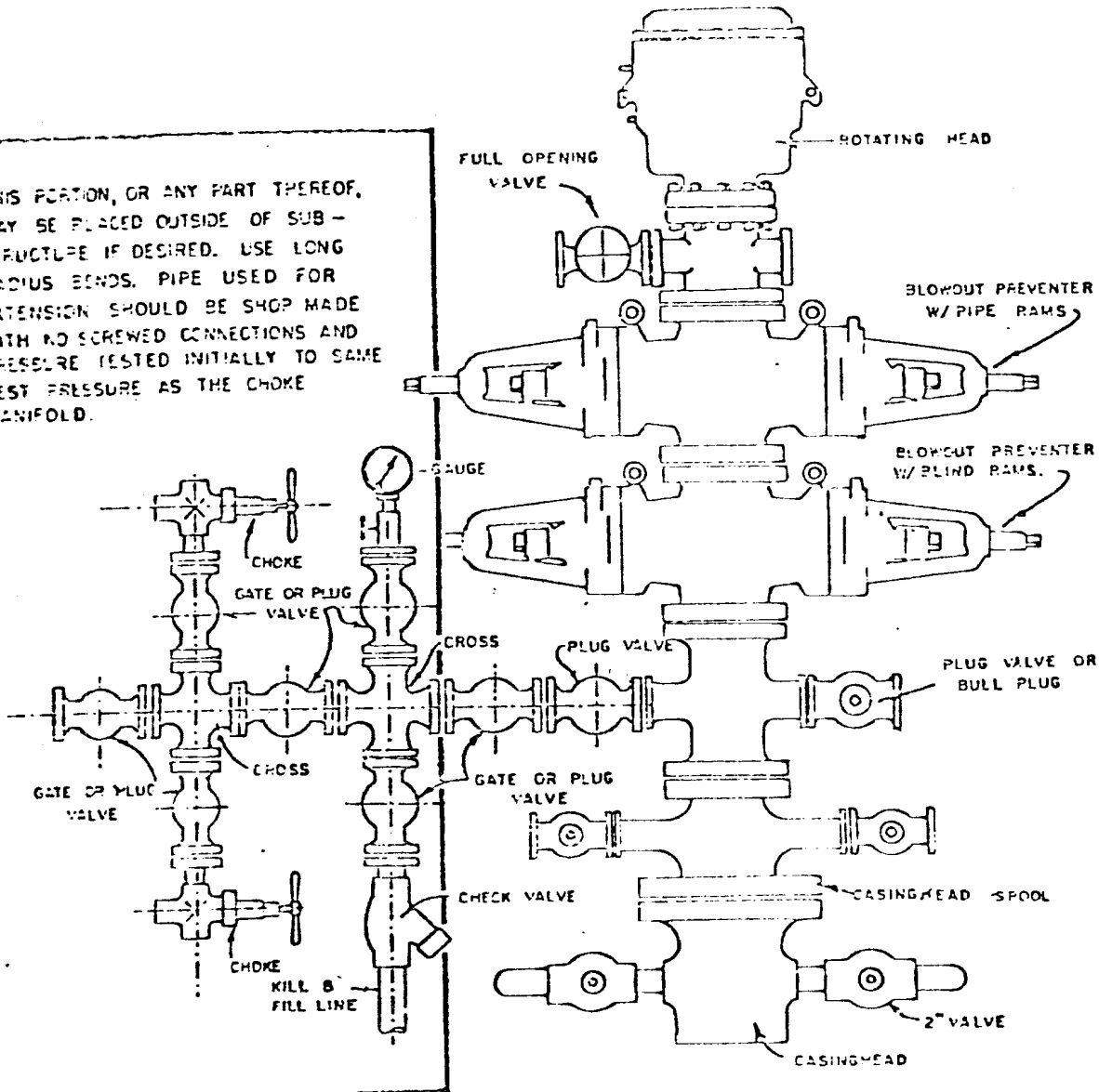
200 FT.



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

THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.



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