

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-23708

5. LEASE DESIGNATION AND SERIAL NO.

S.F. 080724A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Zachry

9. WELL NO.

20

10. FIELD AND POOL, OR WILDCAT

Wildcat, Aztec
Chacra, Fruitland ext11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREASec. 33, T.-29N, R.-10W
N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE
New Mexico

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

1490 ft./South; 1090 ft./West line

At proposed prod. zone

Same as above

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

6 miles east of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

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

1090'

16. NO. OF ACRES IN LEASE

2284.30

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

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

502'

19. PROPOSED DEPTH

3650

20. ROTARY OR CABLE TOOLS

Rotary

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

5787 GR.

22. APPROX. DATE WORK WILL START*

9-10-79

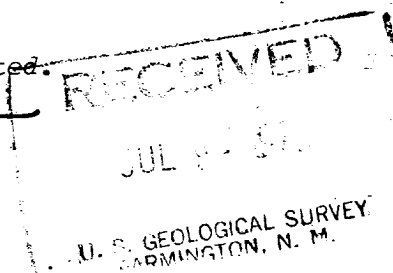
23.

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"	26.40	200	100 sx
6-3/4"	4-1/2"	9.50	3650	250 sx

We propose to drill this well through the Chacra zone with mud.
The Chacra and Fruitland will be sand - water fractured and a
packer set between the zones. Tubing will be run to the lower
zone.

The gas from this well has been previously 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 July 6, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ok Frank

nmmcc

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

Form C-102
Supersedes C-11
Effective 1-1-65

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

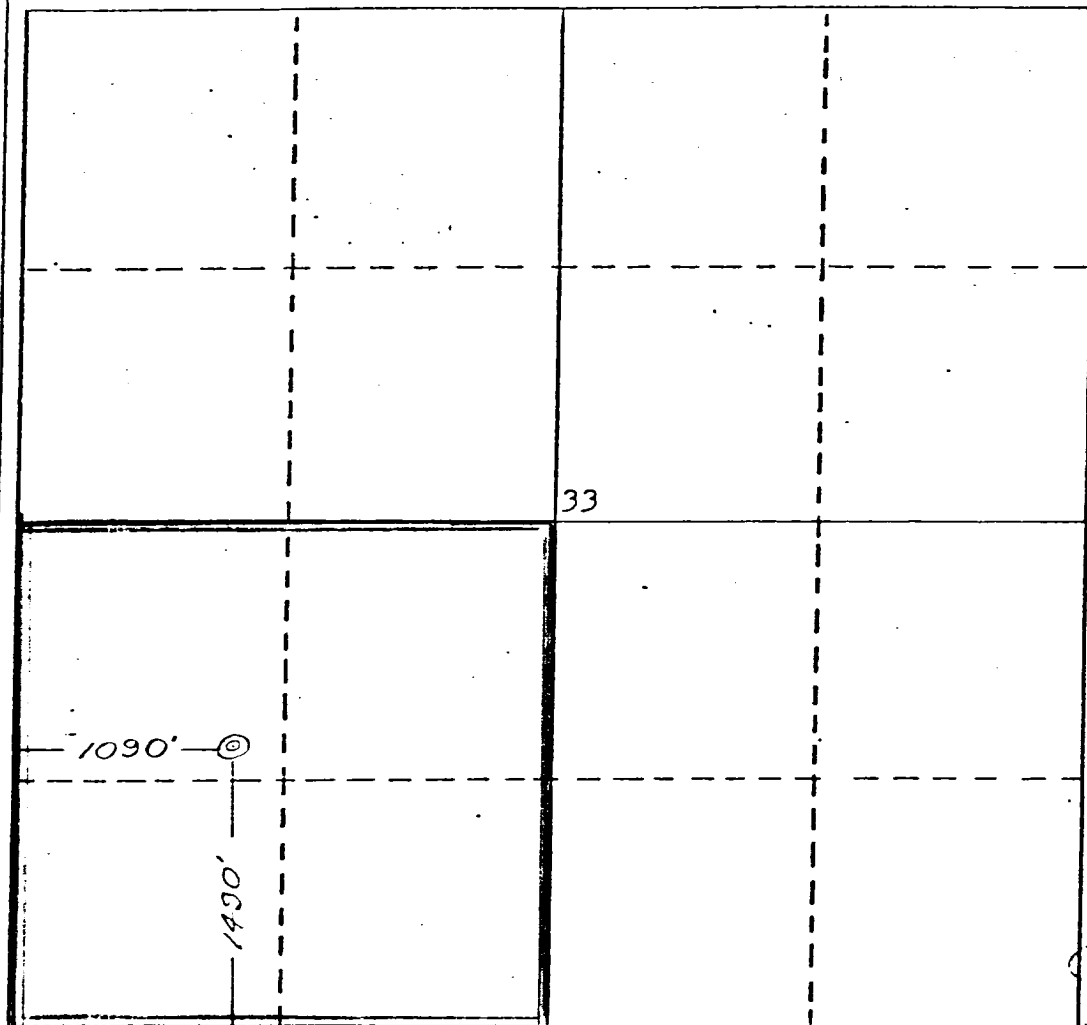
Operator SUPRON ENERGY CORPORATION			Lease ZAGHERY		Well No. 20
Unit Letter L	Section 33	Township 29 NORTH	Range 10 WEST	County SAN JUAN	
Actual Footage Location of Well: 1490 feet from the SOUTH line and 1090 feet from the WEST line					
Ground Level Elev. 5787	Producing Formation CHACRA FRUITLAND	Pool WILDCAT AZTEC	Dedicated Acreage: SW 1/4 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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

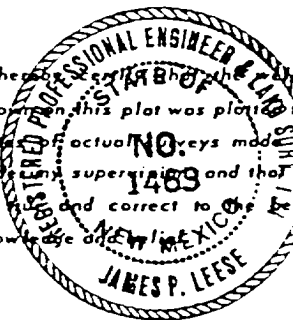
Company

SUPRON ENERGY CORPORATION

Date

June 25, 1979

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.



Date Surveyed

22 June 1979

Registered Professional Engineer
and/or Land Surveyor

James P. Leese
James P. Leese

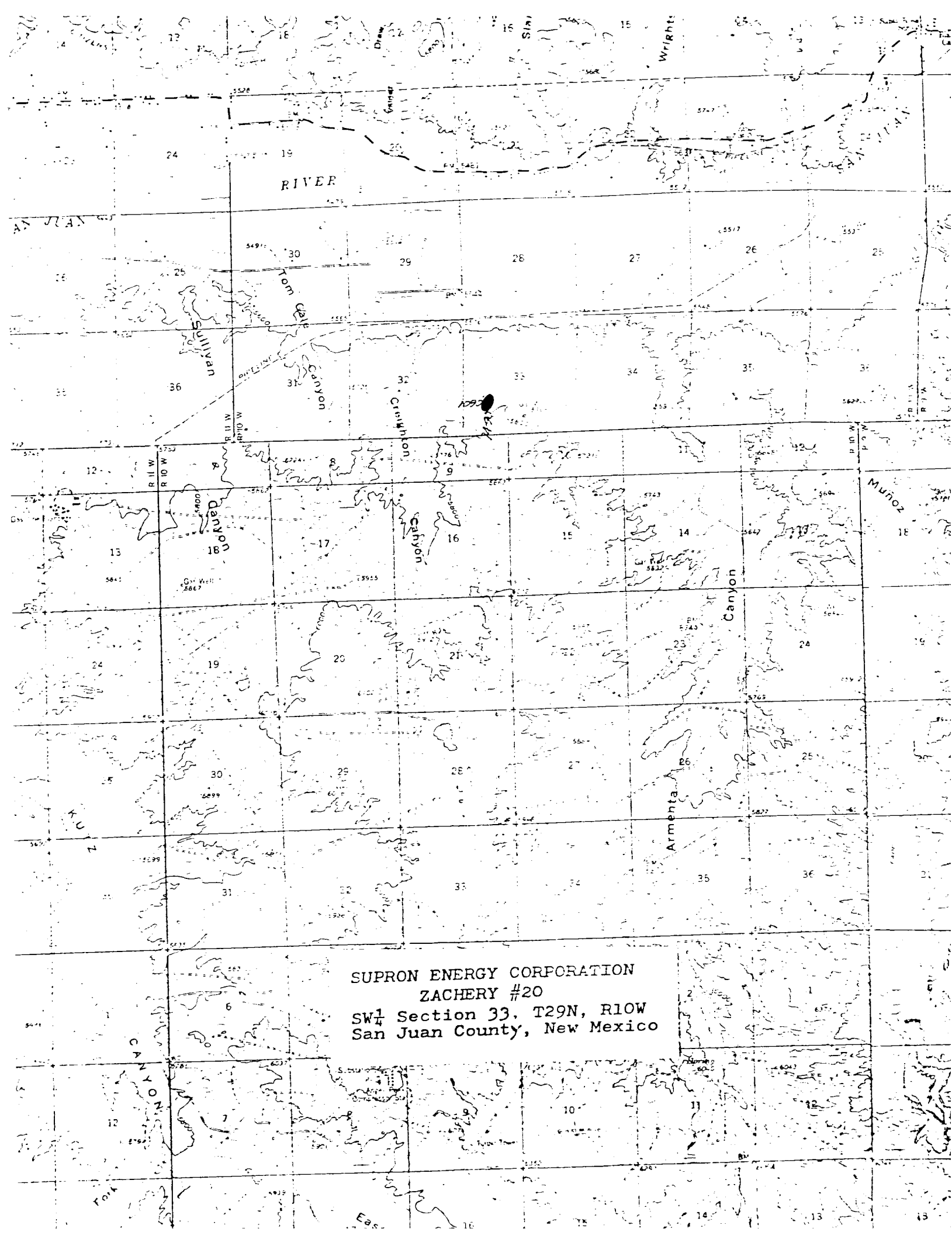
Certificate No.

1463

ZACHRY No. 20
1490'/S & 1090'/W
Sec. 33, Twp. 29N, Rge. 10W

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-----1390
 - B. Top of Fruitland-----1830
 - C. Top of Pictured Cliffs-----1970
 - D. Top of Chacra-----2950
3. The estimated depth at which anticipated water, oil, or other mineral - bearing formations are expected to be encountered are:
 - A. Base of Ojo Alamo-----1390 - - Water
 - B. Top of Fruitland-----1830 - - Gas and Water
 - C. Top of Pictured Cliffs-----1970 - - Gas
 - D. Top of Chacra-----2950 - - 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 media are as follows:
 - A. 0 - 200 ft. Natural mud
 - B. 200 - 3650 ft. Permaloid non-dispersed mud containing 167 sacks of gel, 67 sacks of permaloid, 10 sacks 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 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 Log
9. We do not expect to find any abnormal pressures, temperatures or hydrogen sulphide problems in this partially - developed area.
10. The anticipated starting date for this well is 9-10-79.



SUPRON ENERGY CORPORATION
ZACHERY #20
SW $\frac{1}{4}$ Section 33, T29N, R10W
San Juan County, New Mexico

SUPRON ENERGY CORPORATION
Post Office Box 808
FARMINGTON, NEW MEXICO 87401

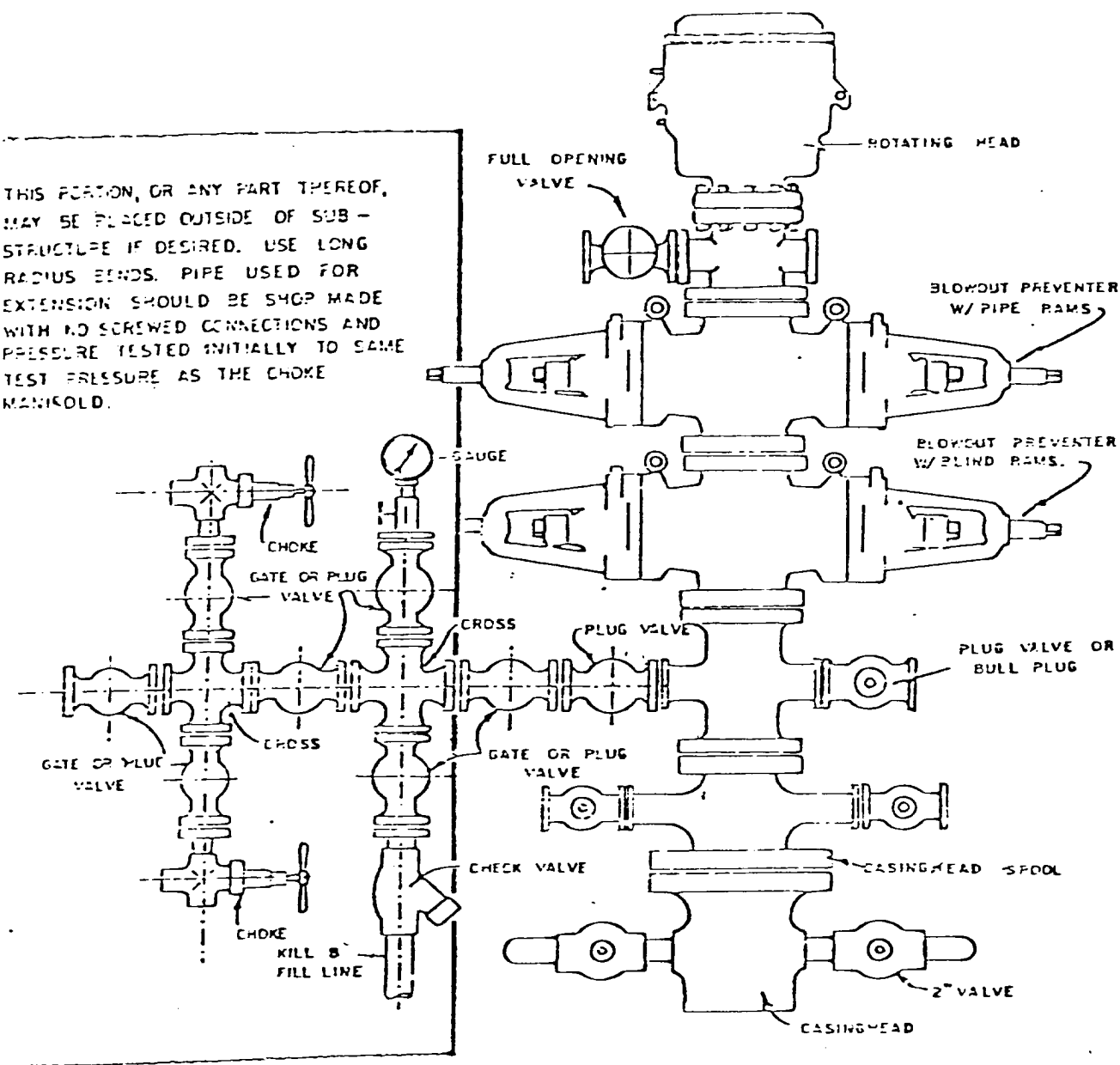
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated 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

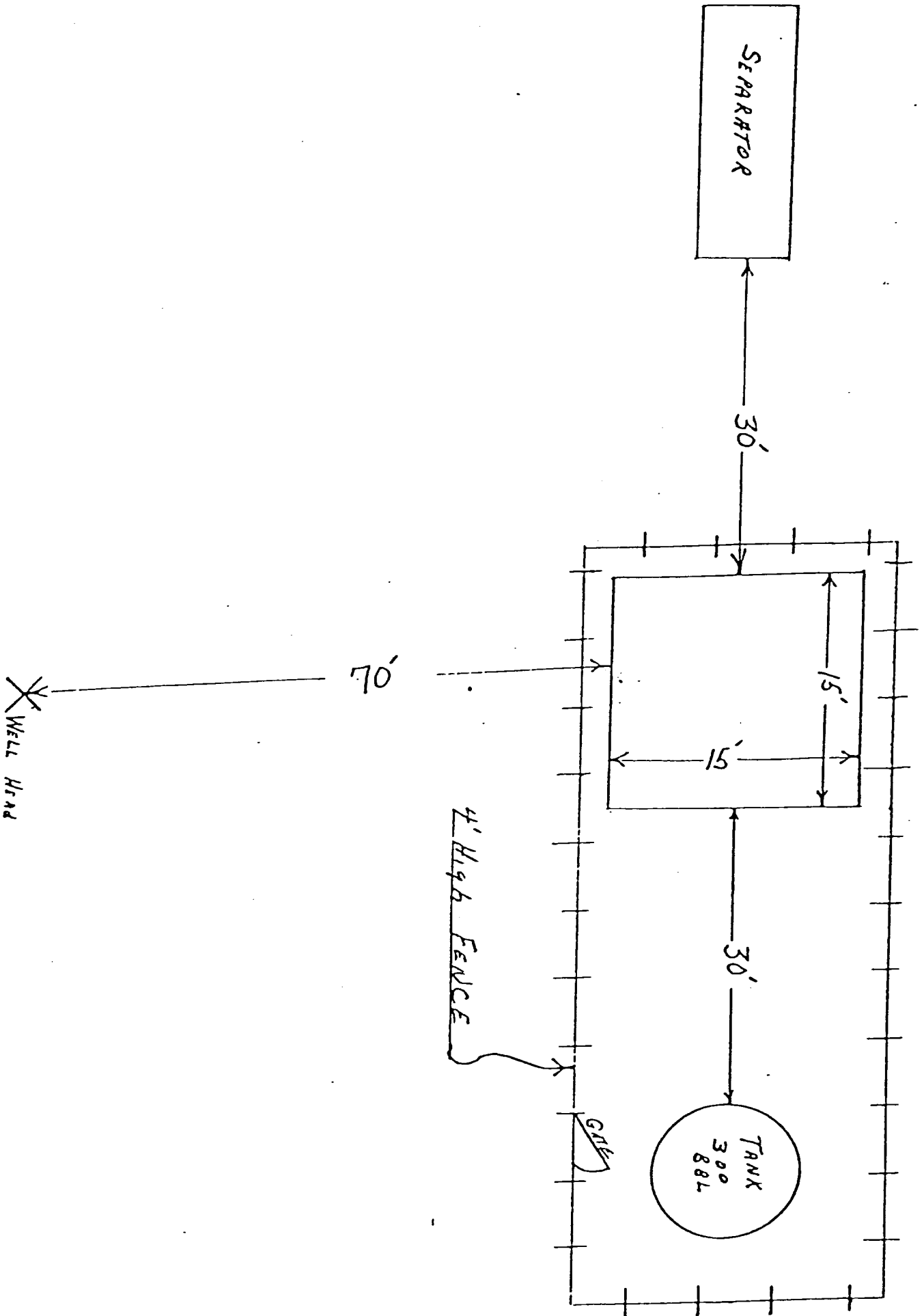
A handwritten signature in cursive script, reading "Rudy D. Motto".

Rudy D. Motto
Area Superintendent
Phone: 325-3587

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 SHGP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.

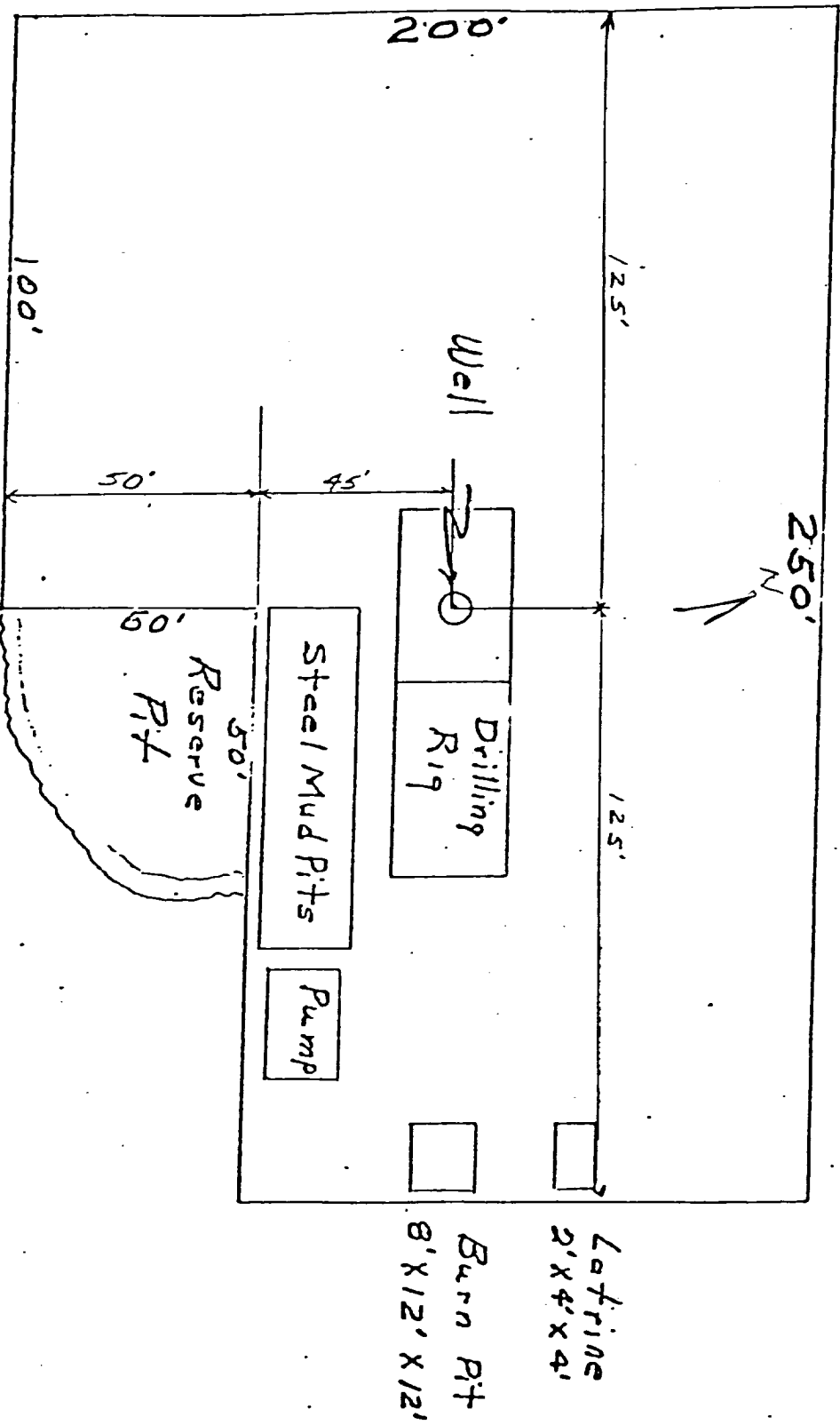


BLOWOUT PREVENTER HOCKUP



SUPRON ENERGY CORPORATION
 LOCATION AND EQUIPMENT LAYOUT
 ZACHRY NO. 20

1490 Feet from the South line and 1090 feet from the West line of Section 33, Township 29 North, Range 10 West, N.M.P.M., San Juan County, New Mexico.



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

July 6, 1979

United States Geological Survey
P.O. Box 959
Farmington, New Mexico 87401

Dear Sir:

Supron Energy Corporation proposes to drill the Zachry No. 20 well located 1490 feet from the South line and 1090 feet from the West line of Section 33, Township 29 North, Range 10 West, N.M.P.M., San Juan County, New Mexico.

The following attachments are included with this application:

1. Map of existing roads.
2. No access road is needed.
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 San Juan River.
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 etc.
11. A letter of certification is attached. The operator 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.