

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-23731

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

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-080724 - A
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Supron Energy Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 808, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Zachry
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1610 Ft./South; 1735 Ft./West Line At proposed prod. zone Same as above		9. WELL NO. 21
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 Miles East of Bloomfield, New Mexico		10. FIELD AND POOL, OR WILDCAT Undesignated Chacra Undesignated Fruitland
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T-29N, R-10W N.M.P.M.
16. NO. OF ACRES IN LEASE 2284		12. COUNTY OR PARISH San Juan
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 541		19. PROPOSED DEPTH 3275
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 11/1/79
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 5772 GR		

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"	20.00	200	125 Sx.
6-3/4"	4-1/2"	9.50	3275	300 Sx.

We propose to drill a 9-7/8" hole to about 200 ft. and run new 7-5/8", 20.00#, H-40 casing to T.D. It will be cemented from 200 ft. to surface with about 125 sacks of class "B" with 2% Ca Cl. We will drill a 6-3/4" hole with mud through the Chacra zone to about 3275 ft. and run new 4-1/2", 9.50#, K-55 casing to T.D. It will be cemented with 150 sacks of 50-50 Poz mix with 1/4# Cello Flakes per sack and 2% gel to be followed with 150 sacks of class "B" cement. The well will be perforated and stimulated in the Chacra and Fruitland zones and a packer set between the zones. Tubing will be run to the Chacra. The Fruitland zone will be produced through the 4-1/2" casing.

The well will be drilled on acreage dedicated to a gas transporter.

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 Kenneth E. Radley TITLE Production Superintendent DATE 8-8-79

(This space for Federal or State office use)

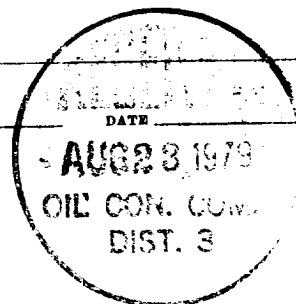
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

ak Frank

Wmocc



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

Supercedes C.  
Effective 1-1-65

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

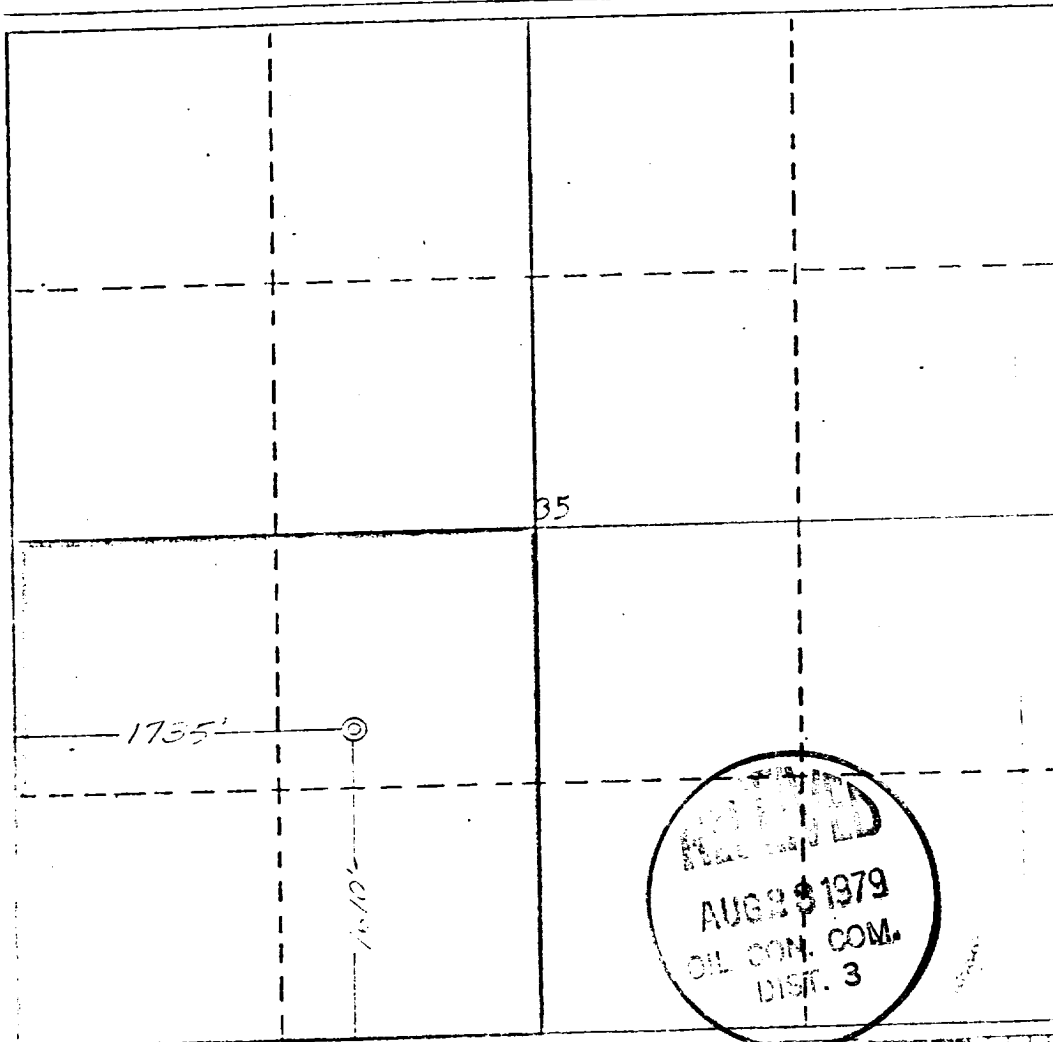
Operator <b>SUPRON ENERGY CORPORATION</b>			Lease <b>ZACHRY</b>		Well No. <b>21</b>
Unit Letter <b>K</b>	Section <b>35</b>	Township <b>29 NORTH</b>	Range <b>10 WEST</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>1610 feet from the <b>SOUTH</b> line and</span> <span>1735 feet from the <b>WEST</b> line</span> </div>					
Ground Level Elev. <b>5772</b>	Producing Formation <b>CHACRA FRUITLAND</b>	Pool <b>UNDESIGNATED Wildcat UNDESIGNATED wildcat</b>		Dedicated Acreage: <b>SW 1/4 160</b> 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**

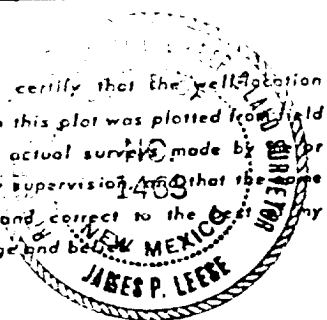
Name \_\_\_\_\_  
Position \_\_\_\_\_

**Area Superintendent**

Company  
**SUPRON ENERGY CORPORATION**

Date  
**July 13, 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  
**12 July 1979**

Registered Professional Engineer  
and Land Surveyor  
**James P. Lease**

Certificate No.  
**1463**

ZACHRY NO. 21  
1610/South line & 1735/West line  
Sec. 35, T-29N, R-10W  
San Juan County, New Mexico

SUPPLEMENT TO FORM 9-331C

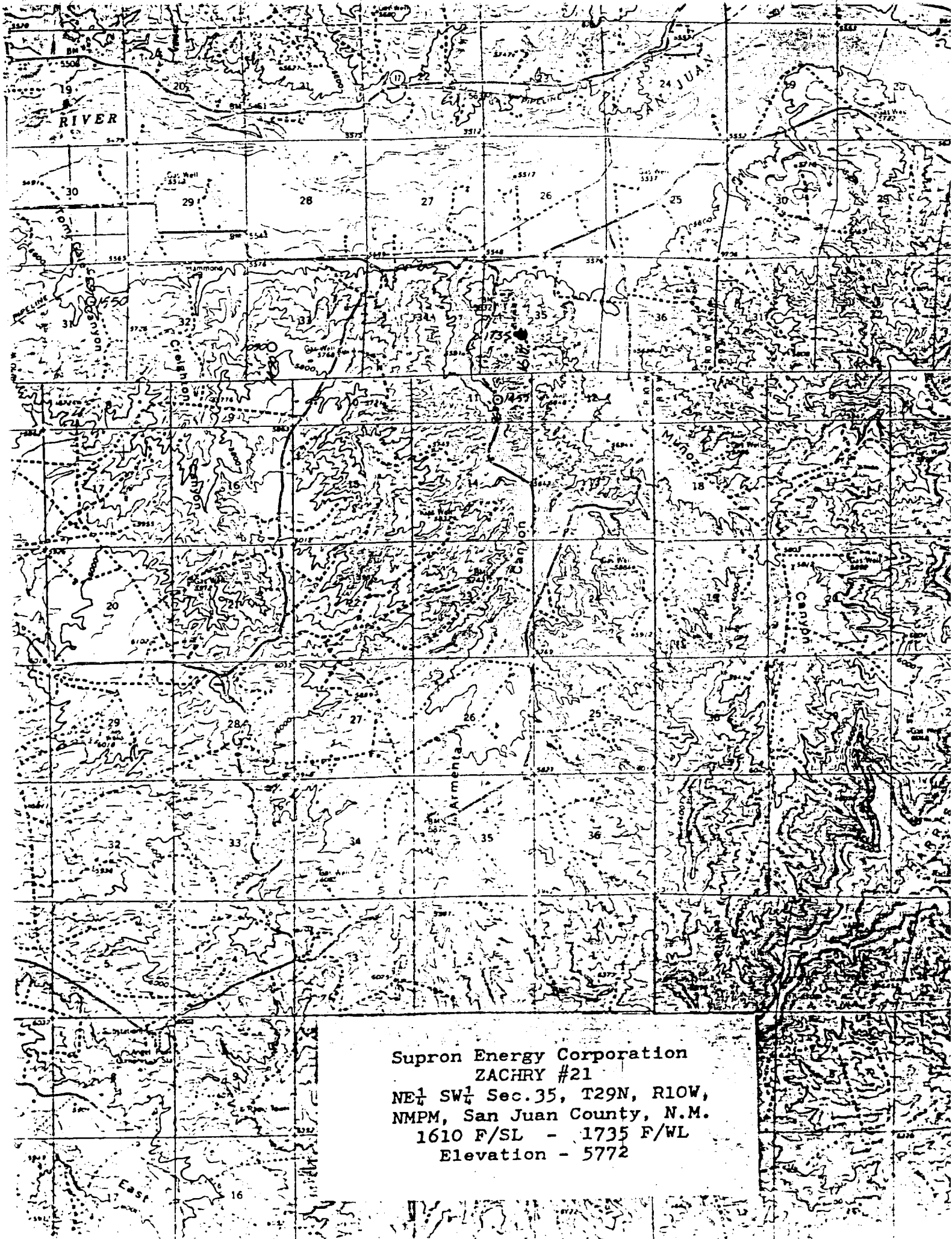
1. The Geologic name of the surface formation is "Wasatch".
2. The estimated tops of important Geologic markers are:

A. Base of Ojo Alamo	1035
B. Top of Fruitland	1740
C. Top of Pictured Cliffs	2015
D. Top of Chacra	2620
3. The estimated depth at which anticipated water, oil, or other mineral bearing formations are expected to be encountered are:

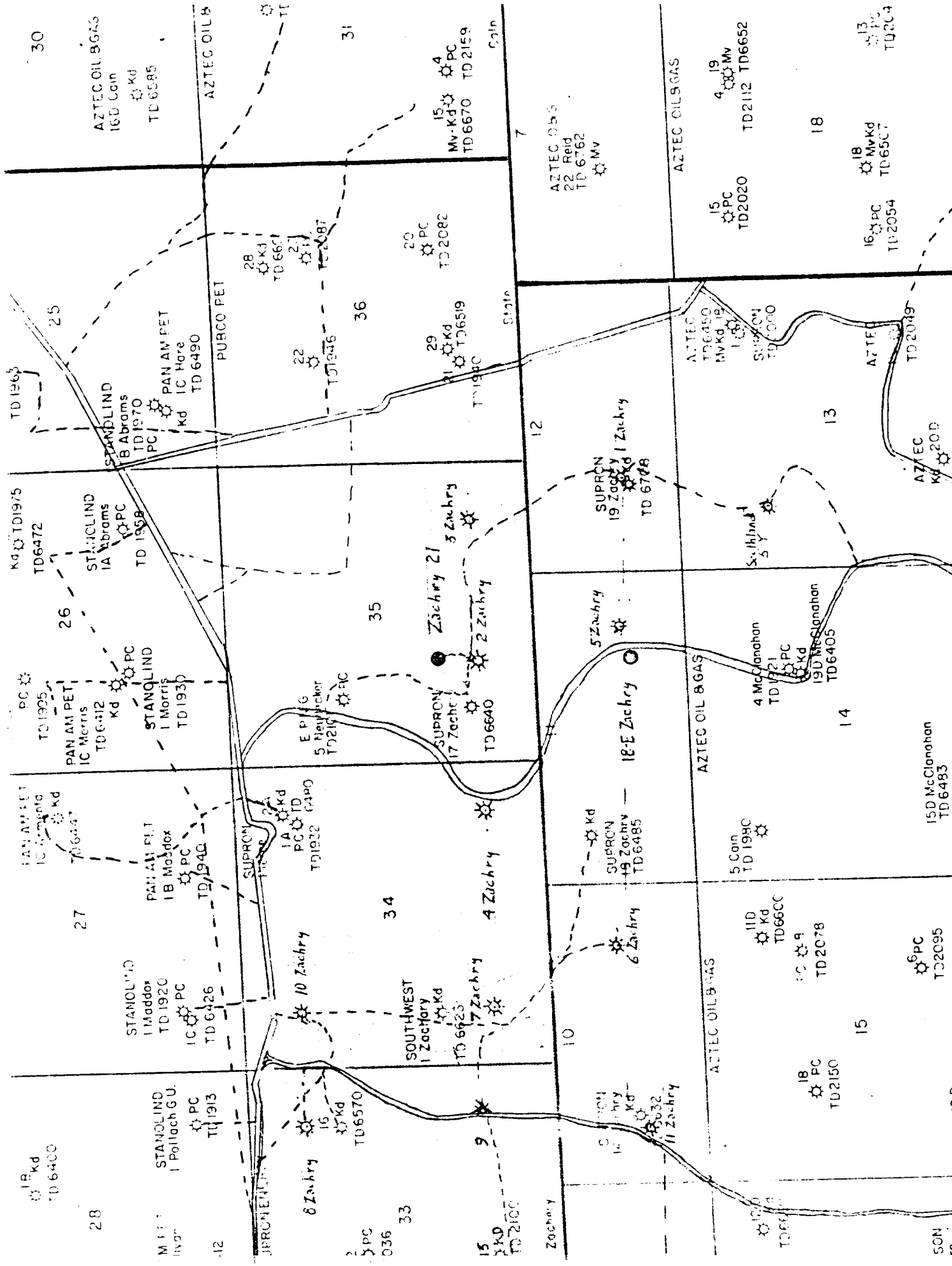
A. Base of Ojo Alamo	1035 - Water
B. Top of Fruitland	1740 - Gas
C. Top of Pictured Cliffs	2015 - Gas
D. Top of Chacra	2620 - Gas
4. The casing program is shown on Form 9-331C and all casing is new.
5. The lessee's pressure - control equipment schematics are attached, along with minimum specifications, 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 - 3275 ft. - Permaloid non-dispersed mud containing 167 sx of gel, 67 sx 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 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 November 1, 1979.



Supron Energy Corporation  
ZACHRY #21  
NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec. 35, T29N, R10W,  
NMPM, San Juan County, N.M.  
1610 F/SL - 1735 F/WL  
Elevation - 5772



30

AZTEC OIL & GAS  
16D Cain  
Kd  
TD 6585

AZTEC OIL & GAS

31

15  
Mv-Kd  
TD 6670  
PC  
TD 2159

Cain

7

AZTEC OIL & GAS  
22 Reid  
TD 6762  
Mv

AZTEC OIL & GAS

15  
PC  
TD 2020  
4  
Mv  
TD 2112 TD 6652

18

18  
Mv-Kd  
TD 6507  
16  
PC  
TD 2054

13  
PC  
TD 2004

TD 1965

25

STANOLIND  
B Abrams  
TD 1970  
PC  
TD 1958  
PAN AM PET  
IC Hore  
Kd  
TD 6490

PUBCO PET

28  
Kd  
TD 6671  
21  
Kd  
TD 6087

36

20  
PC  
TD 2082

29  
Kd  
TD 6519

State

12

SUPRON  
19 Zachry  
Kd  
TD 6708

AZTEC OIL & GAS

AZTEC OIL & GAS

13

AZTEC OIL & GAS  
Kd  
TD 2039

Kd  
TD 1975  
TD 6472

26

STANOLIND  
IA Abrams  
PC  
TD 1958

STANOLIND  
I Morris  
TD 1930

35

3 Zachry  
21  
Kd  
TD 6640

2 Zachry  
14  
Kd  
TD 6640

12

5 Zachry  
18-E Zachry  
Kd  
TD 6485

AZTEC OIL & GAS

4 McClanahan  
TD 1921  
PC  
TD 6405

14

15D McClanahan  
Kd  
TD 6483

PAN AM PET  
IC Morris  
Kd  
TD 6447

27

PAN AM PET  
IB Maddox  
PC  
TD 1940

SUPRON  
1A Kd  
PC  
TD 1932 TD 6490

10 Zachry

34

SOUTHWEST  
1 Zachry  
Kd  
TD 6423

7 Zachry  
Kd  
TD 6423

10

6 Zachry  
Kd  
TD 6485

AZTEC OIL & GAS

11D  
Kd  
TD 6600  
PC  
TD 2078

15

18  
PC  
TD 2150

6 PC  
TD 2095

18  
Kd  
TD 6400

28

STANOLIND  
I Pollack  
PC  
TD 1913

12

8 Zachry  
Kd  
TD 6570

2  
PC  
TD 6570

33

15  
Kd  
TD 2100

Zachry

9 Zachry  
Kd  
TD 6432

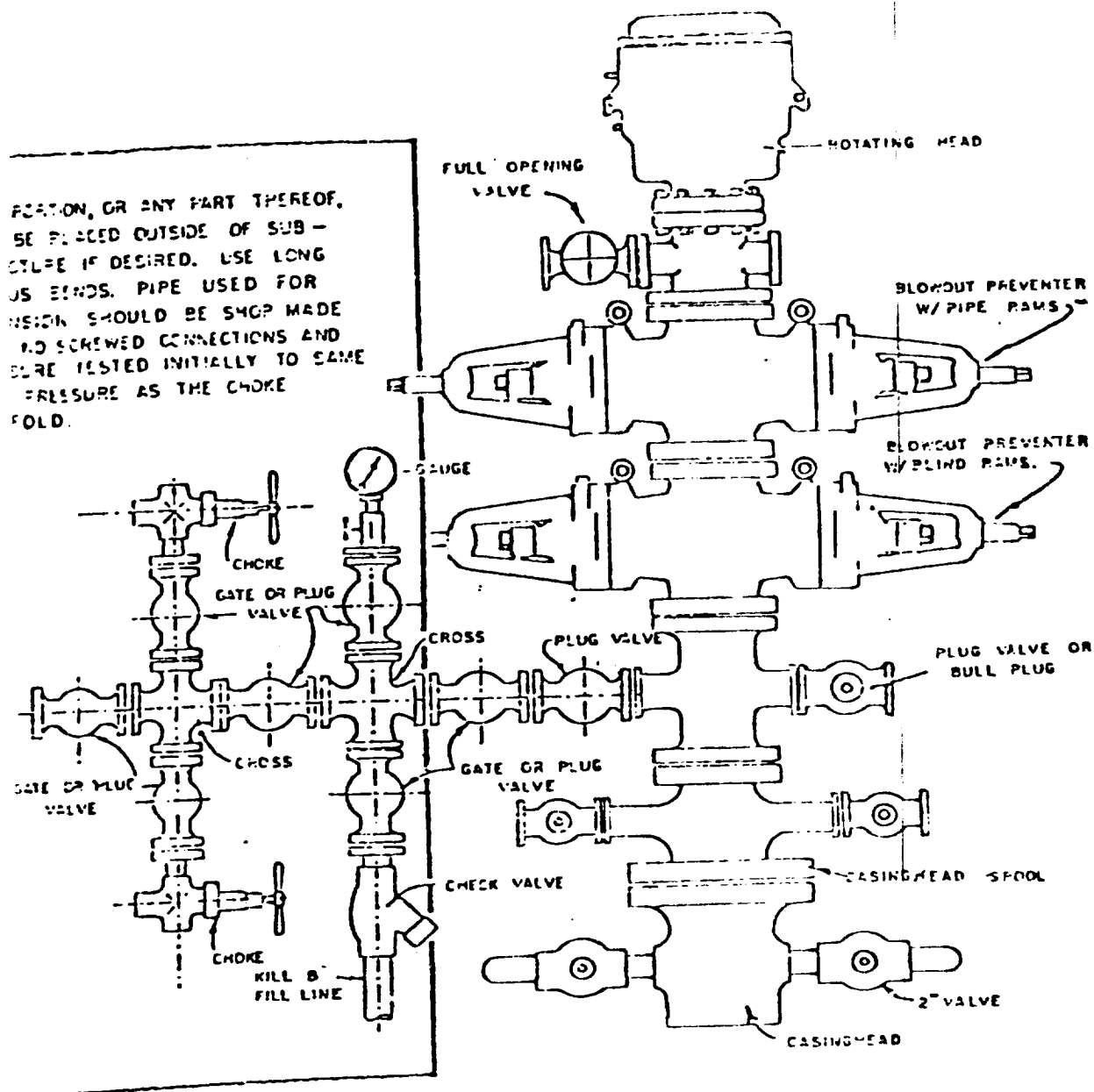
11 Zachry  
Kd  
TD 6432

10  
Kd  
TD 6432

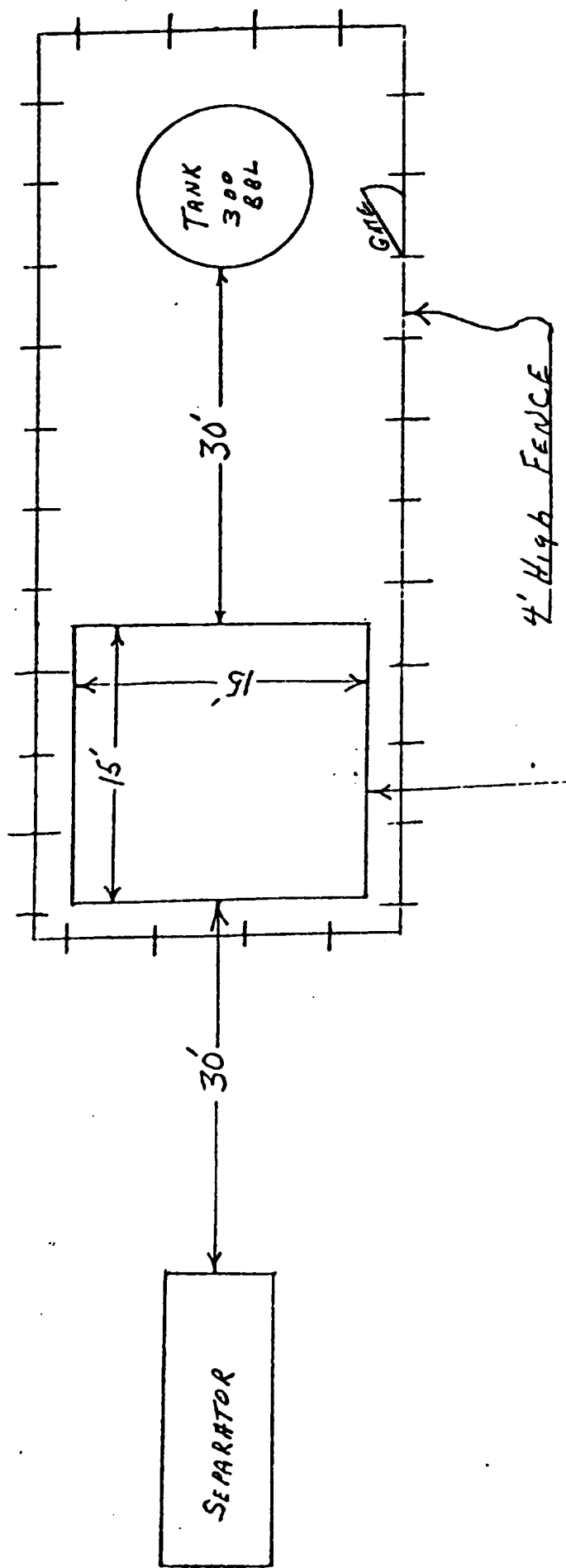
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re

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 HOCKUP



**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

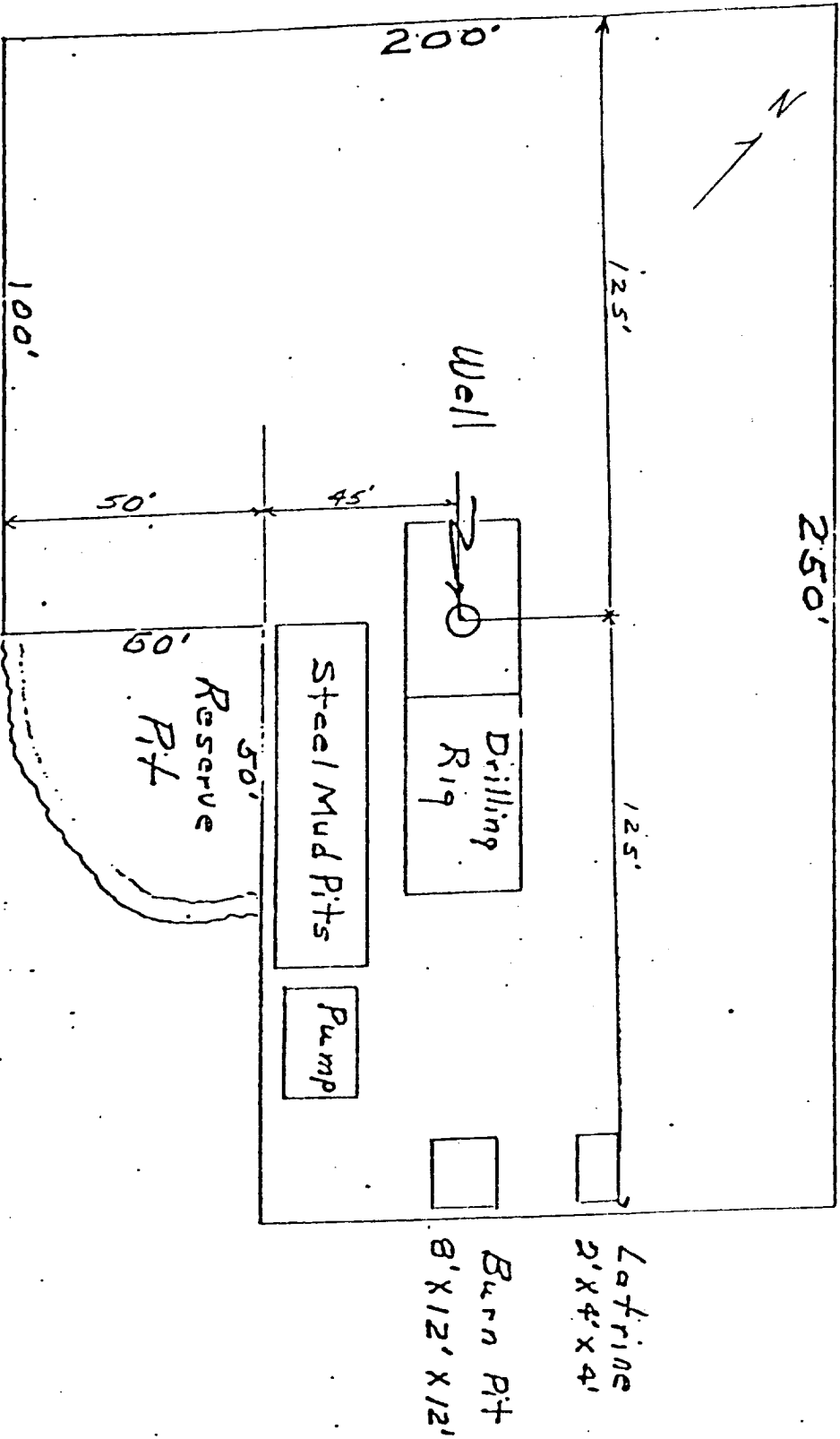
A handwritten signature in cursive script, reading "Rudy D. Motto".

Rudy D. Motto  
Area Superintendent  
Phone: 325-3587



SUPRON ENERGY CORPORATION  
LOCATION AND EQUIPMENT LAYOUT  
ZACHRY NO. 21

1610 Feet from the South line and 1735 feet from the West line of  
Section 35, Township 29 North, Range 10 West, N.M.P.M., San Juan  
County, New Mexico.



SUPRON ENERGY CORPORATION

ZACHRY NO. 21

1610 Ft./S; 1735 Ft./W  
Sec. 35, T-29N, R-10W  
San Juan County, New Mex.

The following attachments are included with this application:

1. Topographical map showing proposed location and access road.
2. Planned access road is 500 feet long and will be no wider than 20 feet. The road will follow the natural contours of the land and will have drainage facilities installed to meet the requirements of NTL-6. No extra surfacing materials will be used.
3. Map showing existing producing facilities and access roads.
4. Location of surface equipment if required.
5. Drilling and completion water will be obtained from the San Juan River.
6. All pits will be fenced and constructed in such a way as to prevent litter on the location.
7. We will dispose of all waste by placing it in the reserve pit and burying it when the well is completed.
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. 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 and then filled and restored to its natural state.
13. The soil is sandy loam with principal vegetation being Sagebrush, Pinion, and Juniper.