

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-046-2398 6

5. LEASE DESIGNATION AND SERIAL NO.

3F 078508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Northhaus

9. WELL NO.

2-4

10. FIELD AND POOL, OR WILDCAT

Alonso Mesaverde
Basin, Dakota11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 11, T-31N, R-9W

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

910 ft./N, 1625 ft./W line.

At proposed prod. zone

Same as above.

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

15 miles East of Artes, New Mexico.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

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

910

16. NO. OF ACRES IN LEASE

2401.4

18. DISTANCE FROM PROPOSED LOCATION*

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

1586

19. PROPOSED DEPTH

8300

17. NO. OF ACRES ASSIGNED
TO THIS WELL

W/ 315.56

20. ROTARY OR CABLE TOOLS

Rotary

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

6542 GR.

22. APPROX. DATE WORK WILL START*

8/1/79

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-3/4"	10-3/4"	32.75 lb.	300	150 ex.
9-7/8"	7-5/8"	26.40 lb.	3900	200 ex.
6-3/4"	5-1/2"	15.50 lb.	8300	600 ex.

We propose to drill this well through the intermediate point (3900 ft.) with mud and run 7-5/8" casing to the intermediate T.D. The bottom section (3900 - 8300) will be drilled with air or natural gas. A 5-1/2" liner will be run to T.D. of about 8300 ft. The Dakota zone will be perforated and sand-water fractured and a bridge plug set below the Mesaverde. The Mesaverde zone will be perforated and sand-water fractured and the bridge plug removed and a packer installed between the two zones. Tubing (probably 2-1/16") will be run to the Dakota zone at approx. 7700 ft. and to approx. 5700 to produce the Mesaverde.

Notes: This well will be drilled on acreage dedicated to a gas purchaser.

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
Kenneth E. Roddy

SIGNED

Kenneth E. Roddy

TITLE

Production Supt.

DATE

May 25, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

New 3-43 form
with new permit
NMOll

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 ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-85

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

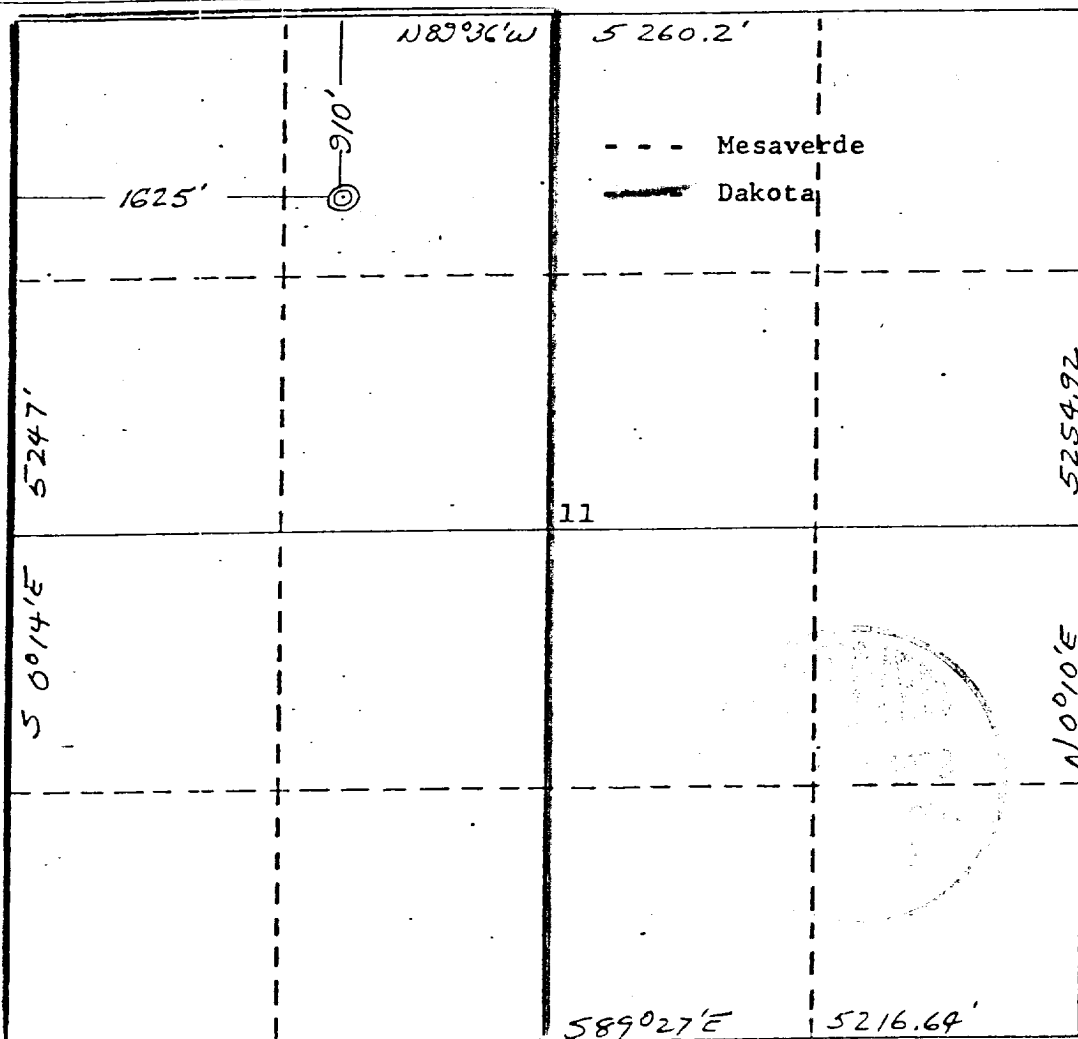
Operator SUPRON ENERGY CORPORATION			Lease NORDHAUS		Well No. 2-A
Unit Letter C	Section 11	Township 31 NORTH	Range 9 WEST	County SAN JUAN	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 910 feet from the NORTH line and 1625 feet from the WEST line </div>					
Ground Level Elev. 6542	Producing Formation MESAVERDE DAKOTA		Pool BLANCO BASIN	Dedicated Acreage: W 1/2 315.56 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 18, 1979

I hereby certify that the well location shown on this plat was located 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

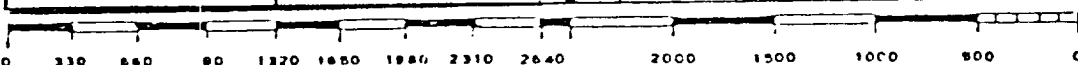
12 April 1979

Registered Professional Engineer
and/or Land Surveyor

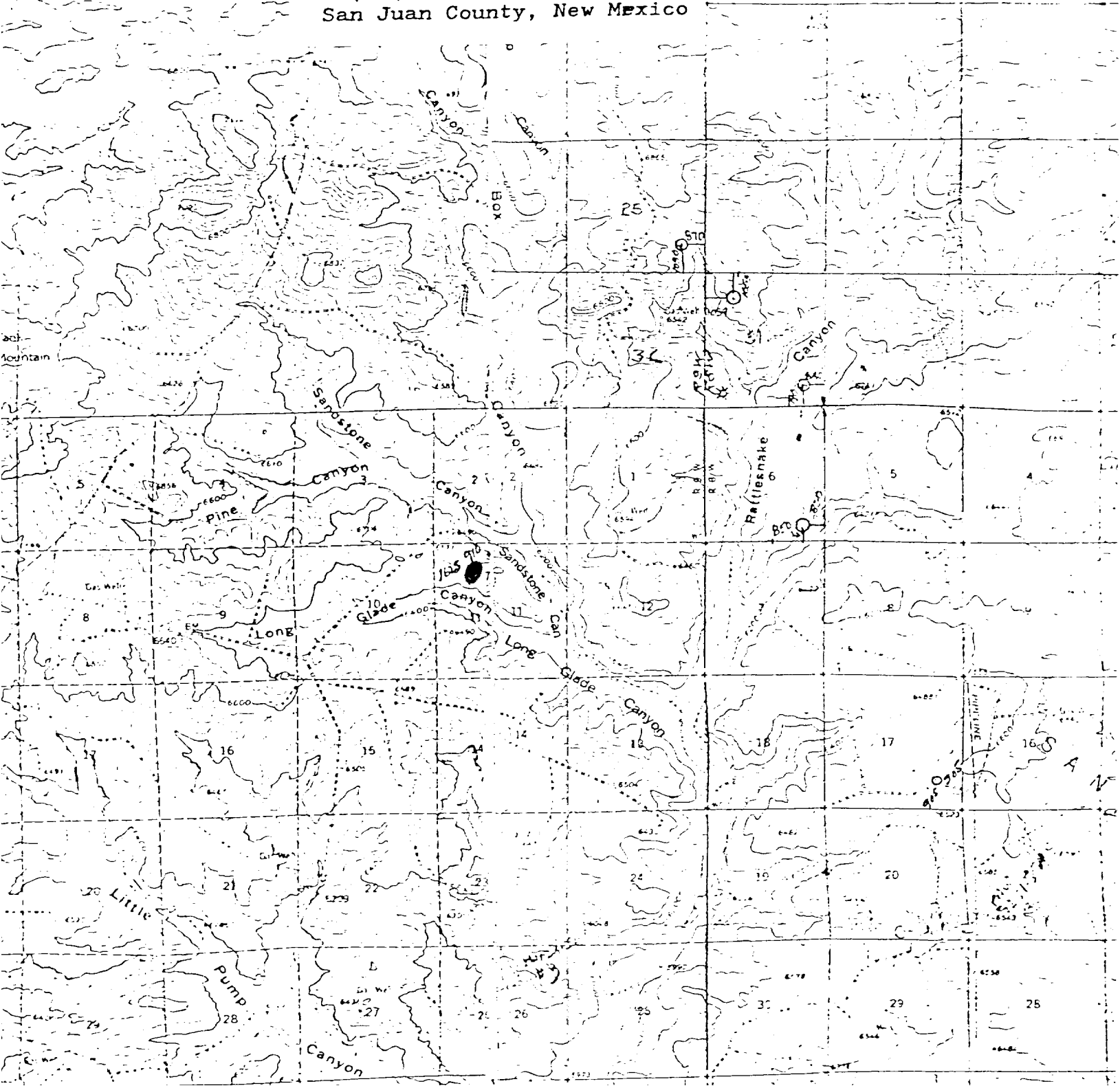
James P. Leese
James P. Leese

Certificate No.

1463



SUPRON ENERGY CORPORATION
NORDHAUS #2-A
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 11, T31N, R9W
San Juan County, New Mexico



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

A. Base of Ojo Alamo	3270
B. Fruitland	3285
C. Top of Pictured Cliffs	3435
D. Top of Cliff House	4985
E. Top of Point Lookout	5695
F. Top of Dakota	7800
2. The estimated depth at which anticipated water, oil, or other mineral - bearing formations are expected to be encountered are:

A. Base of Ojo Alamo	3270	- water
B. Fruitland	3285	- water & gas
C. Top of Pictured Cliffs	3435	- gas
D. Top of Cliff House	4985	- gas
E. Top of Point Lookout	5695	- gas
F. Top of Dakota	7800	- 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:

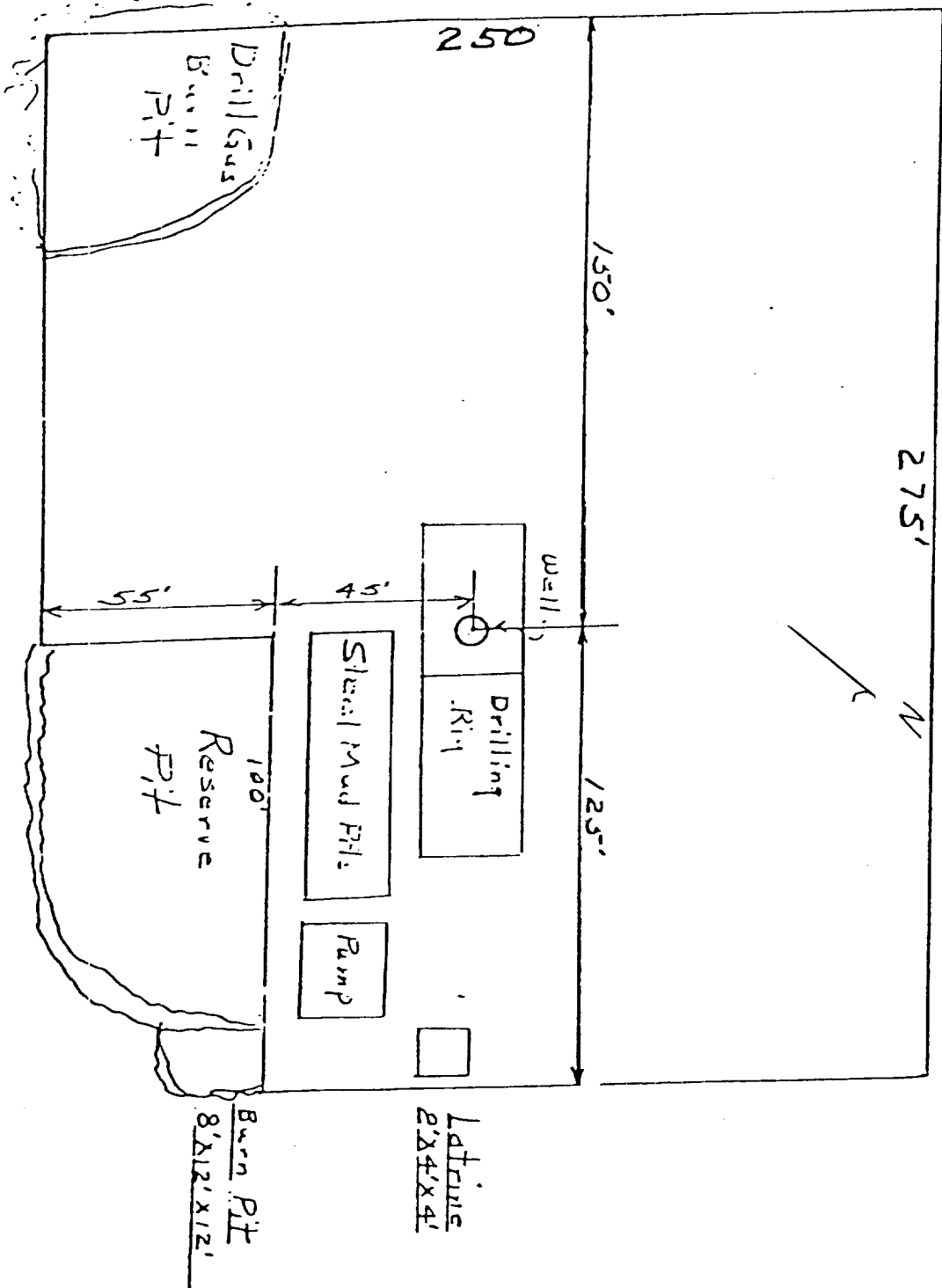
A.	0 - 300 ft.	Natural mud.
B.	300 - 3900 ft.	Permaloid Non-dispersed mud w/167 sx gel, 67 sx permaloid, 10 sx C.M.C.
C.	3900 - 8300	Air or Natural gas.
7. The auxiliary equipment to be used will be floats at the bit and a sub on the floor with a full - opening valve to be stabbed into the drill pipe 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:

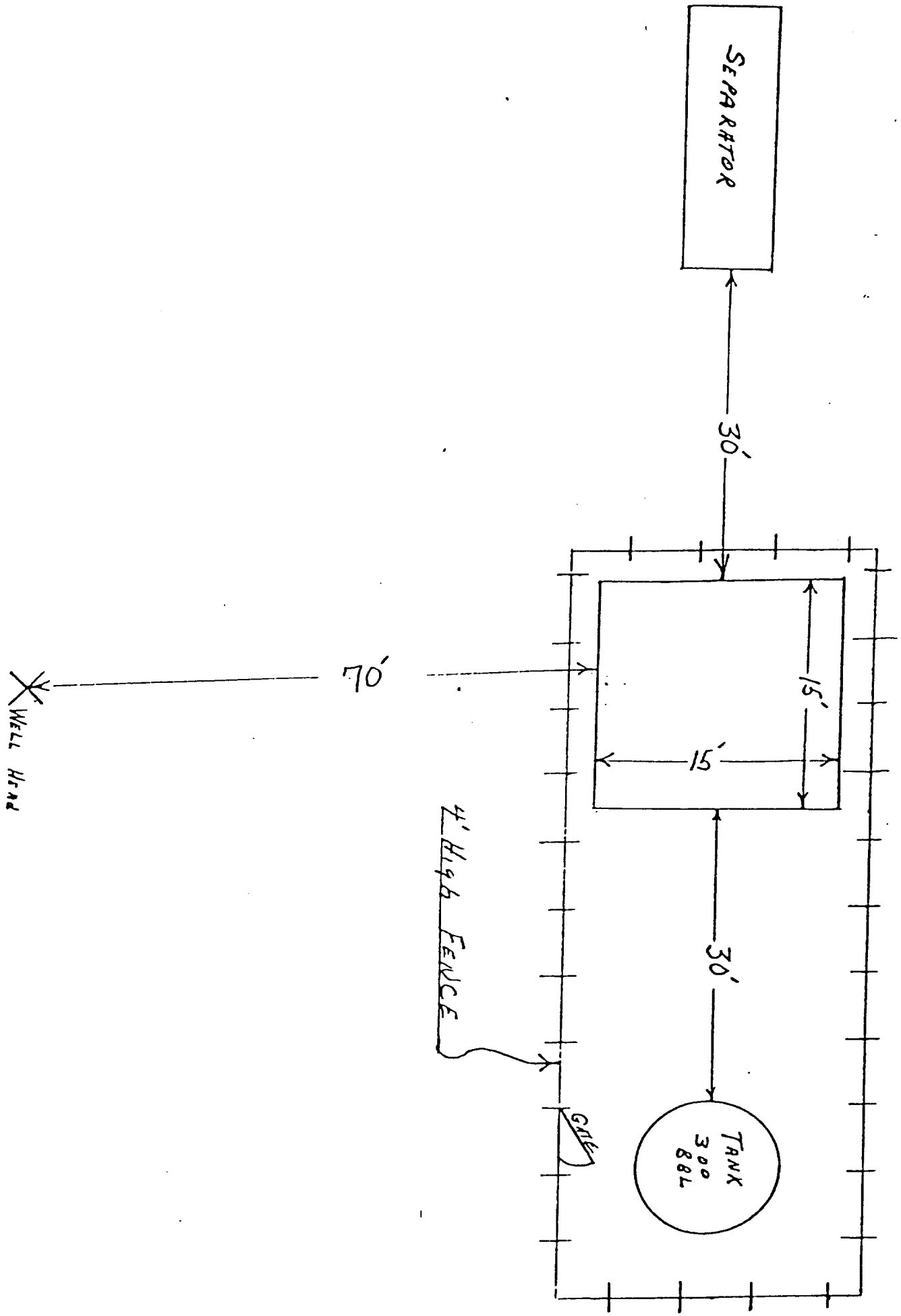
A.	E.S. Induction.
B.	Gamma Ray Density.
C.	Gamma Ray Correlation.
D.	Cement Bond Log.
9. We do not expect to find any abnormal pressures, temperatures or hydrogen sulphide problems in this partially - developed area.
10. The anticipated starting date for this well is August 1, 1979.

SUPRON ENERGY CORPORATION
LOCATION AND EQUIPMENT LAYOUT

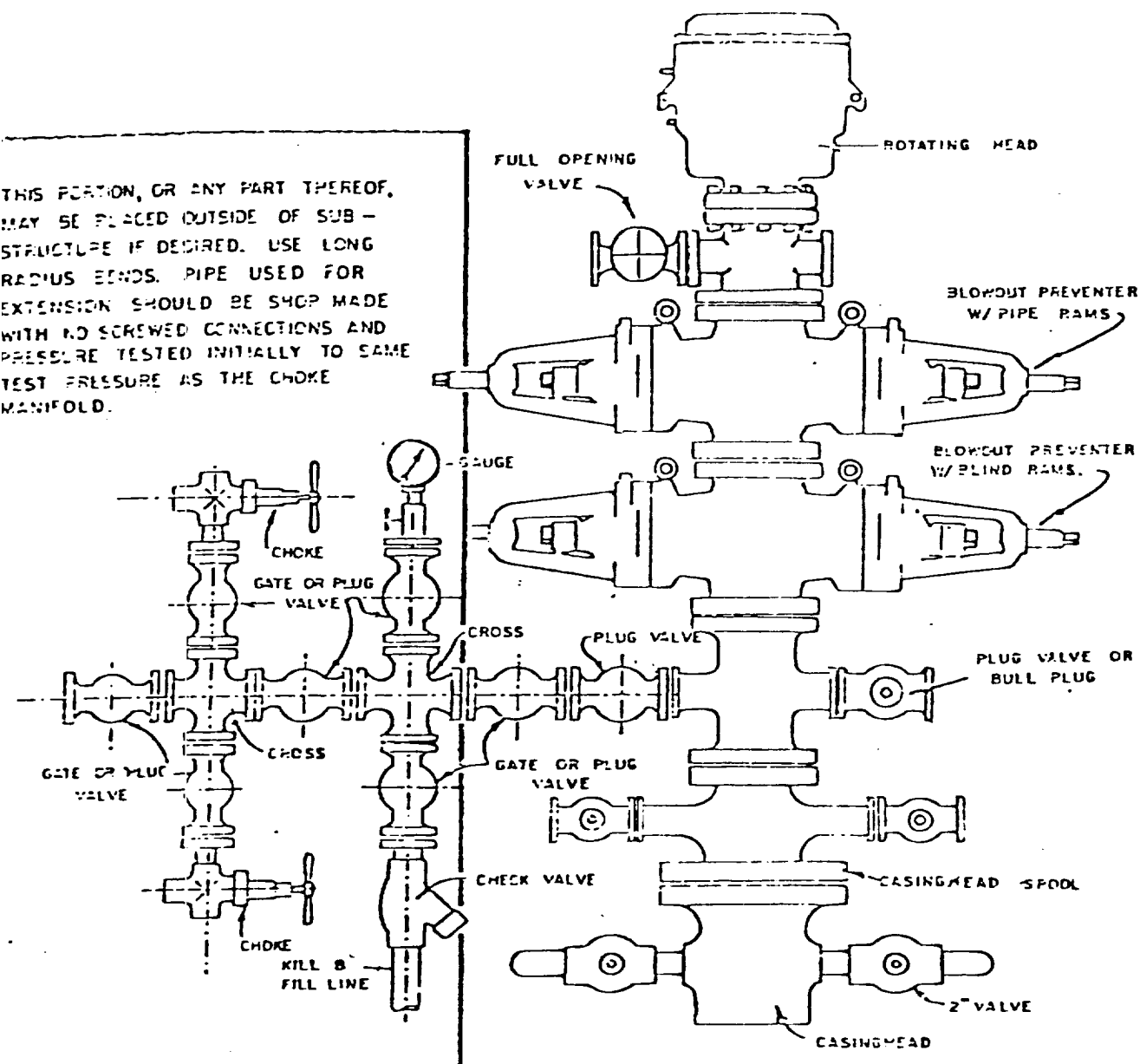
NORDHAUS NO. 2-A

910 Feet from the North line and 1625 feet from the West line of Section 11, Township 31 North, Range 9 West, N.M.P.M., San Juan County, New Mexico.





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.

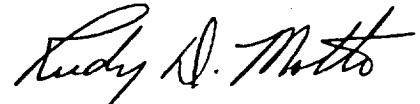


BLOWOUT PREVENTER HOOKUP

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

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

Rudy D. Motto
Area Superintendent
Phone: 325-3587

SUPRON ENERGY CORPORATION

POST OFFICE Box 808

FARMINGTON, NEW MEXICO 87401

May 25, 1979

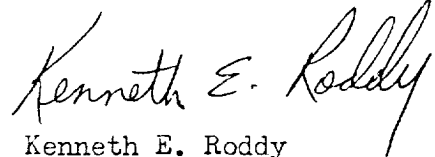
United States Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Attention: Mr. Phil McGrath

Gentlemen:

We request permission to install black tanks at our Nordhaus No. 2-A location. The well will be located 910 feet from the North line and 1625 feet from the West line of Section 11, Township 31 North, Range 9 West, San Juan County, New Mexico.

The wells in the area make a very heavy oil with a high paraffin content. Nearby wells have a gravity of about 0.400 and a pour point of 36°. We believe black tanks will retain enough heat to alleviate some of the problems associated with the heavy oil.



Kenneth E. Roddy
Production Superintendent

May 25, 1979

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 Nordhus No. 2-A well located 910 feet from the North line and 1625 feet from the West line of Section 11, Township 31 North, Range 9 West, 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 1800 feet long.
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 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 restored to its natural state.
13. The soil is sandy loam with the principal vegetation being sage brush, juniper and pinon.