

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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. 30-039-21777		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			Contract No. 105		
2. NAME OF OPERATOR Sutton Energy Corporation			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache		
3. ADDRESS OF OPERATOR P. O. Box 808, Farmington, New Mexico 87401			7. UNIT AGREEMENT NAME		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1850 feet from the South line and 1745 feet from the West line. At proposed prod. zone Same as above.			8. FARM OR LEASE NAME Jicarilla "A"		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12 miles North-west of Ojito, New Mexico			9. WELL NO. 22		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 1850 Feet			10. FIELD AND POOL, OR WILDCAT Basin Dakota		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 95 Feet			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T-26N, R-4W N.M.P.M.		
16. NO. OF ACRES IN LEASE 2560			12. COUNTY OR PARISH Rio Arriba New Mexico		
19. PROPOSED DEPTH 8300 Ft.			13. STATE		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7175 Gr.			17. NO. OF ACRES ASSIGNED TO THIS WELL 3 1/2 320 Acres		
20. ROTARY OR CABLE TOOLS Rotary			22. APPROX. DATE WORK WILL START*		

## 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	300 Ft.	208 cu. ft.
9-7/8"	7-5/8"	26.40	3950 Ft.	1273 cu. ft.
6-3/4"	5-1/2"	13.50	8300 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 then be run and landed at approximately 8000 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. Original Signed By  
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 \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ok Enak

\*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 ACREAGE DEDICATION PLAT

Form O-102  
Supersedes O-101  
Effective 1-1-55

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

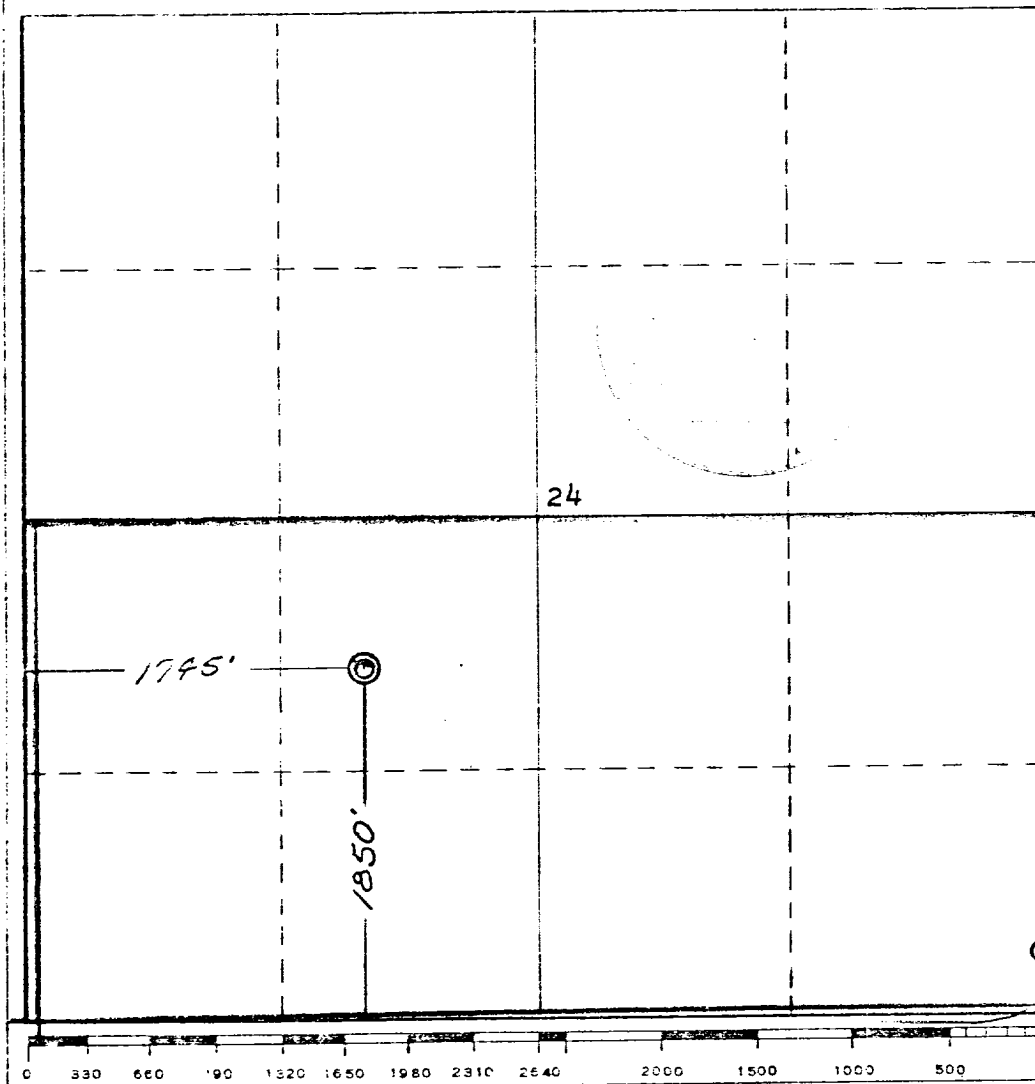
SUPRON ENERGY CORPORATION			LEASE JICAPILLA A		Well No. 22
Unit Letter <b>K</b>	Section <b>24</b>	Township <b>26 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARriba</b>	
Actual Postage Location of Well: <b>1850</b> feet from the <b>SOUTH</b> line and <b>1745</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>7175</b>	Producing Formation <b>DAKOTA</b>		Pool <b>BASIN</b>	Dedicated Acreage: <b>S 1/2 320</b> 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*  
Signature

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 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.

21 April, 1978

Date Surveyed

Registered Professional Engineer

State of New Mexico

*James P. Leese*  
Signature

James P. Leese

Certificate No. 1463

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1  
Effective 1-1-77

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

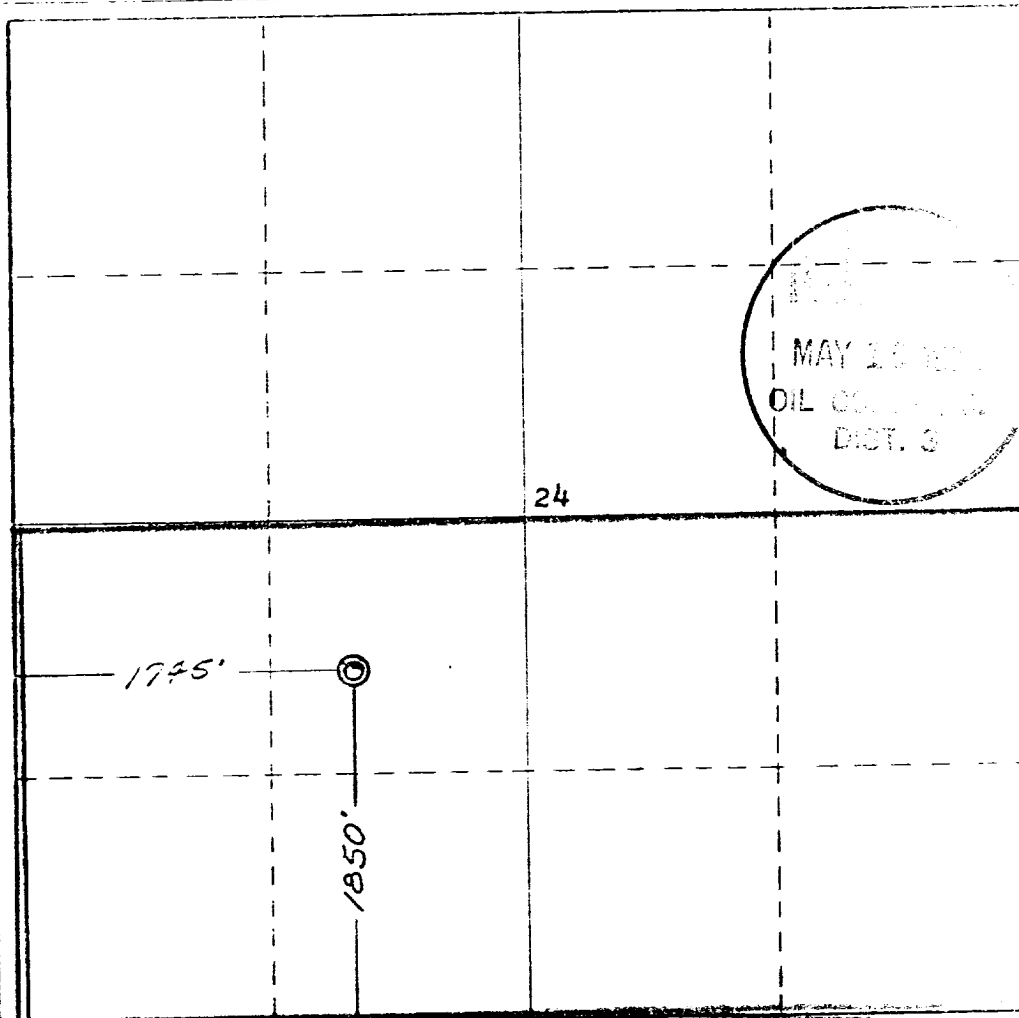
Operator <b>SUPRON ENERGY CORPORATION</b>				Lease <b>JICARILLA A</b>	
Unit Letter <b>K</b>	Section <b>24</b>	Township <b>26 NORTH</b>	Range <b>4 WEST</b>	County <b>PIO PINILLA</b>	
Actual Footing Location of Well: <b>1850</b> feet from the <b>SOUTH</b> line and <b>1745</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>7175</b>	Producing Formation <b>DAKOTA</b>	Pool <b>BASIN</b>		Dedicated Acreage: <b>3 1/2 320</b>	

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 furnished herein is true and complete to the best of my knowledge and belief.

*Rudy D. Motto*

**Rudy D. Motto**

**Area Superintendent**

**Supron Energy Corporation**

**April 28, 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.

**21 April, 1978**

*James P. Lease*  
**James P. Lease**

**1463**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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 "A" No. 22 well located 1850 feet from the South line and 1745 feet from the West line of Section 24, 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 required.
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, reserve pit, burn pit, etc.
11. A letter of Certification is attached and the Operators representative is Rudy D. Motto, Area Superintendent, P. O. Box 808, Farmington, New Mexico 87401 Phone No. (505) 325-3587.
12. When the reserve pit is built it will be fenced on three sides. After the well is completed the reserve pit will be fenced off until it dries then the reserve pit will be filled and the location cleaned and bladed.

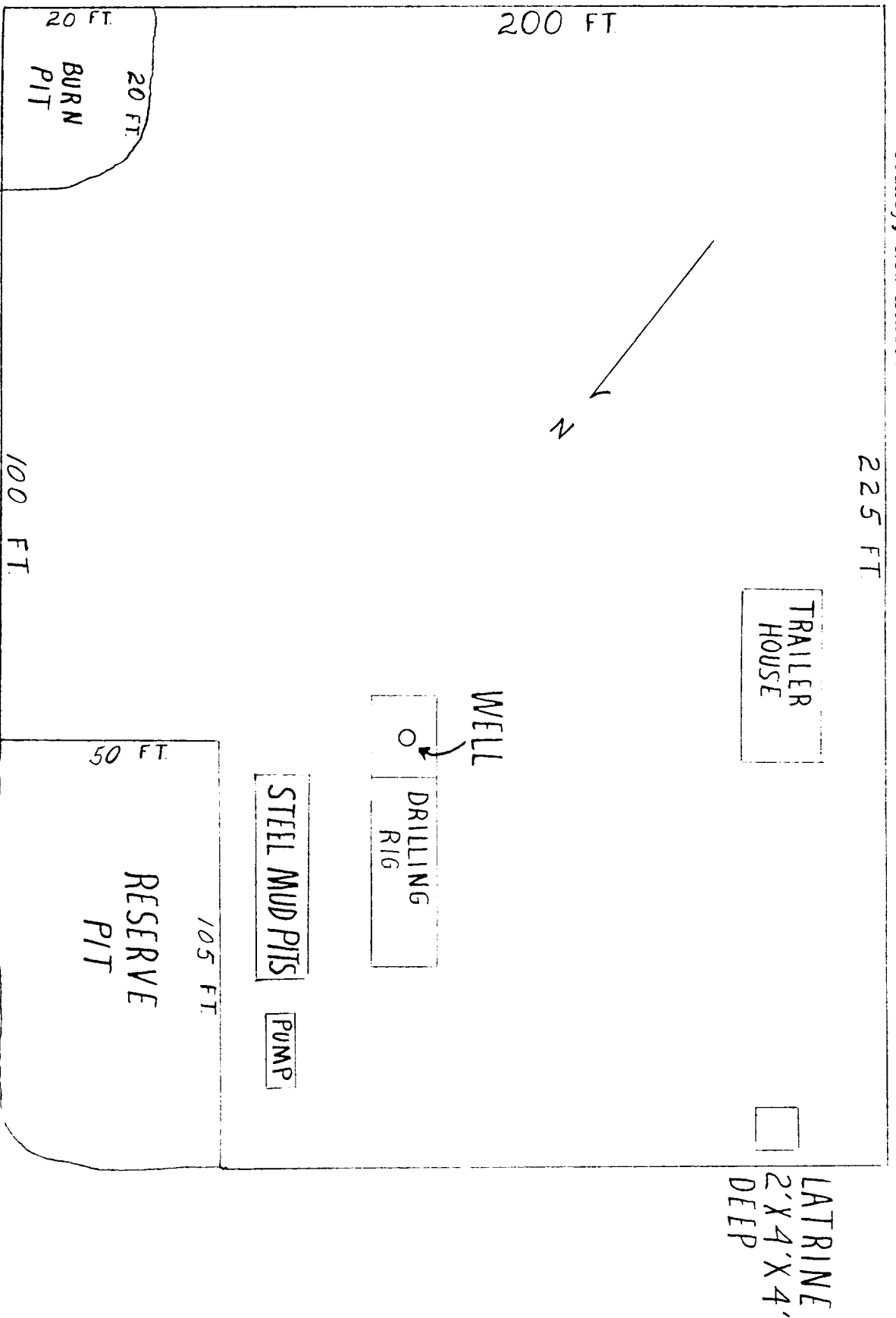
JICARILLA "A" NO. 22

SUPPLEMENT TO FORM 9-331C

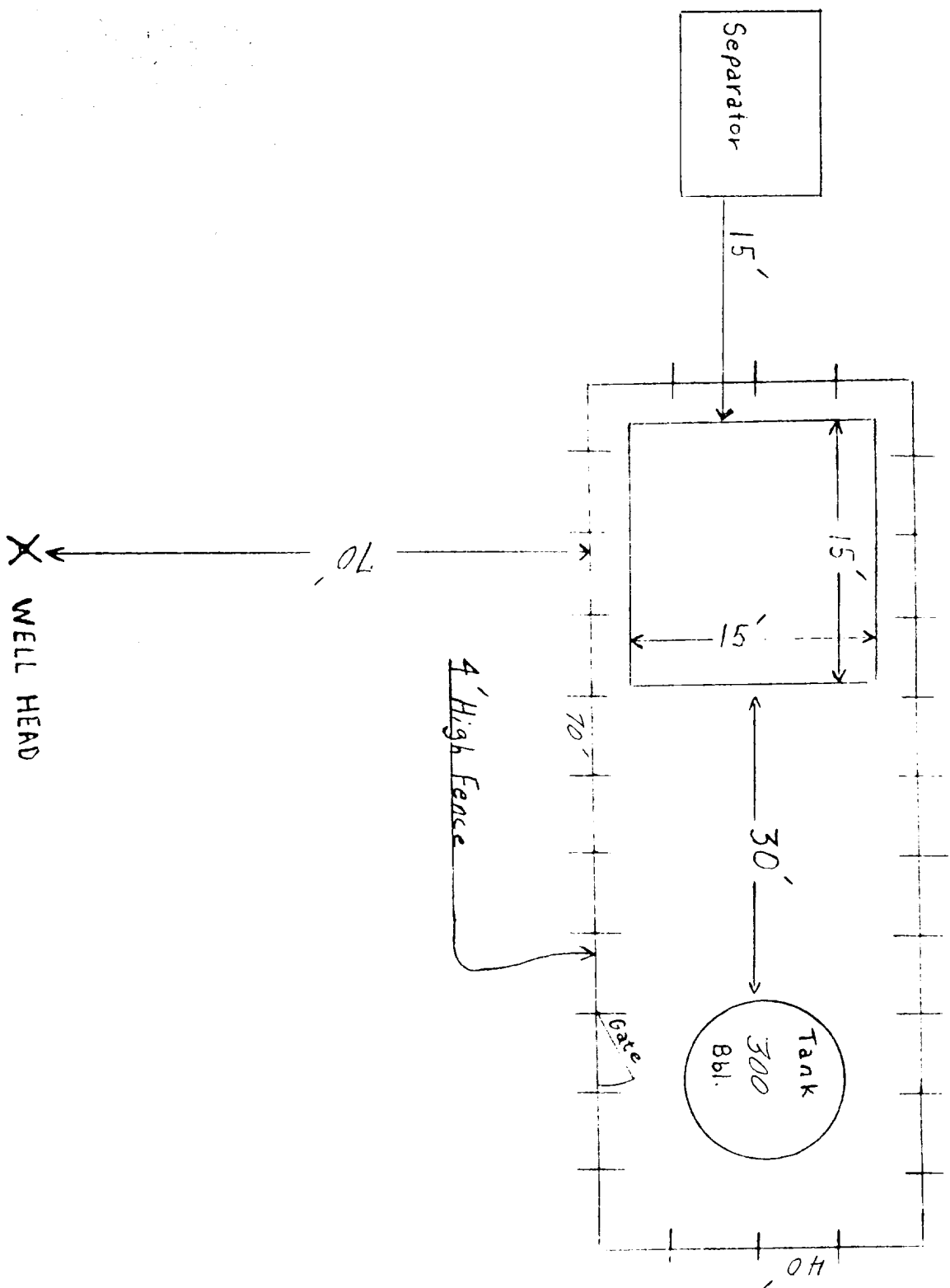
1. The Geologic name of the surface formation is, "Wasatch".
2. The estimated tops of important Geologic markers are:
  - A. Base of Ojo Alamo - 3500 Feet
  - B. Fruitland - 3700 Feet
  - C. Pictured Cliffs - 3800 Feet
  - D. Cliff House - 5520 Feet
  - E. Point Lookout - 6025 Feet
  - F. Dakota - 8020 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 - 3500 Feet Water
  - B. Fruitland - 3700 Feet Water
  - C. Pictured Cliffs - 3800 Feet Gas
  - D. Cliff House - 5520 Feet Gas
  - E. Point Lookout - 6025 Feet Gas
  - F. Dakota - 8020 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 procedures and frequencies.
6. The type, estimated volumes and characteristics of the circulating mediums are as follows:
  - A. From 0 feet to 300 feet - Natural mud.
  - B. From 300 feet to 8300 feet - Permaloid non dispersed mud containing 167 sx of gel, 67 sx of permaloid and 10 sx of C.M.C. Mud wt. between 8.2# and 8.8#.
  - C. From 3950 feet to 8300 feet - 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 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 anticipated abnormal pressures, temperatures or hydrogen sulfide problems expected in this highly developed area.
10. The anticipated starting date is September 15, 1978.



1850 Feet from the South line and 1745 feet from the West line of Section 24, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.



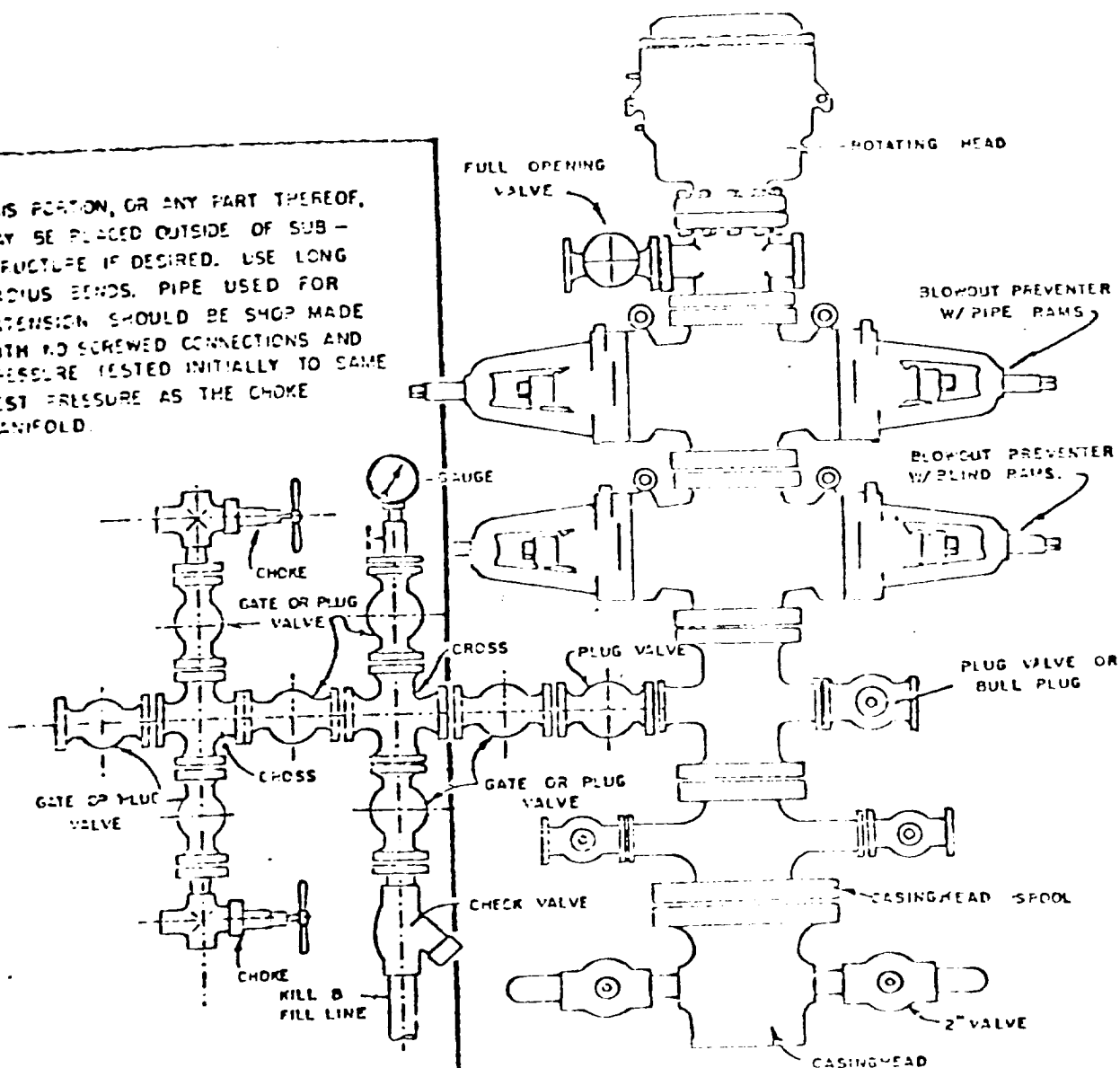




Blowout Preventer will be tested daily and prior to drilling out with the results to be logged on the drillers report.

The B.O.P. and all valve and fittings are rated at 3000 psi working pressure, and hydraulically operated

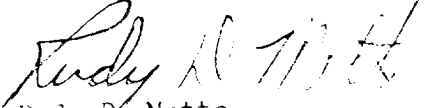
THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.



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