Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-039-21509

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [XX] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [XX] 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: 1790 feet from the North line and 1785 feet from the East line.
At proposed prod. zone: Same as above.

G

5. LEASE DESIGNATION AND SERIAL NO.: Contract No. 145

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Jicarilla Apache

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Jicarilla "K"

9. WELL NO.: 19

10. FIELD AND POOL, OR WILDCAT: South Blanco Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 12, T-25N, R-5W, N.M.P.M.

12. COUNTY OR PARISH: Rio Arriba

13. STATE: New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 5 Miles Northwest of Ojito, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 828 feet (1785' Drlg. Unit Line)

16. NO. OF ACRES IN LEASE: 2560

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.: 2700 feet

19. PROPOSED DEPTH: 3500

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6995 GR

22. APPROX. DATE WORK WILL START*: November 20, 1977

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	250	110 Cu. Ft.
6-3/4"	4-1/2"	9.30	3500	750 cu. ft.

This well will be drilled and completed in the Pictured Cliffs formation. After pipe is set and cemented it will be perforated and sand-water fraced to stimulate production. 1-1/2" tubing will be set at approximately 3390 feet.

RECEIVED
OCT 14 1977
OIL CON. COM.
DIST. 3

Gas is 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 October 10, 1977

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

RECEIVED
OCT 12 1977
U. S. GEOLOGICAL SURVEY
FARMINGTON, COLO.

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*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.

★ U.S. GOVERNMENT PRINTING OFFICE: 1974-781-025/VIII-239

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator	Lease	Well No.
SUPRON ENERGY CORPORATION	JICARILLA "K"	19

Unit Letter	Section	Township	Range	County
G	12	25 NORTH	5 WEST	RIO ARRIBA

Actual Footage Location of Well:
1790 feet from the NORTH line and 1785 feet from the EAST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Avereage:
6995	PICTURED CLIFFS	SOUTH BLANCO	160 Acres

1. Outline the acerage dedicated to the subject well by colored pencil or hachure marks on the plat below.

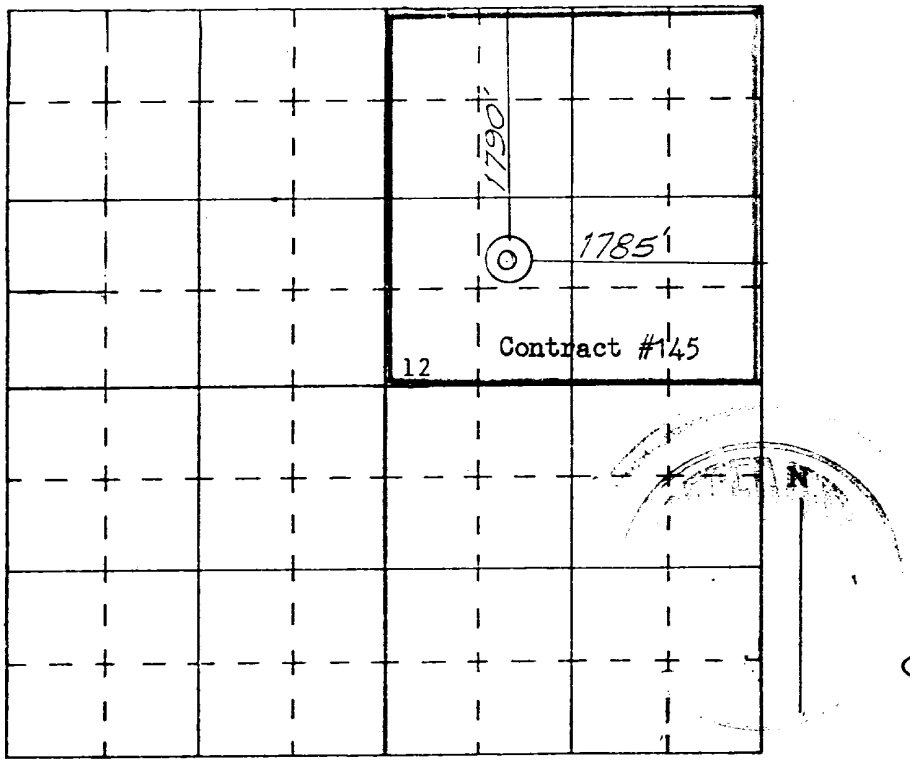
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty),

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.



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

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

October 10, 1970

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.

REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR STATE OF NEW MEXICO JAMES P. LEESE 1463

14 September, 1970
Date Surveyed

James P. Leese
Registered Professional Engineer and/or Land Surveyor

James P. Leese

1463
Certificate No.

JICARILLA "K" NO. 19

1. The Geologic name of the surface formation is, "Wasatch".

2. The estimated tops of important Geologic markers are:

   A. Base of Ojo Alamo - 2999 DF
   B. Fruitland - 3217 DF
   C. Pictured Cliffs - 3303 DF

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 - 2999 DF - Water
   B. Fruitland - 3217 DF - Water
   C. Pictured Cliffs - 3303 DF - 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 medium are as follows:

   A. From 0 feet to 250 feet - natural mud.
   B. From 250 feet to 3500 feet - Permaloid non dispersed mud containing 167 sacks gel, 67 sacks permaloid, 10 sacks C.M.C. 5 sacks soda ash and 12 sacks of caustic. Mud weight will be maintained between 8.2# and 8.8#.

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 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 highly developed area.

10. The anticipated starting date for this well is November 20, 1977.

October 11, 1977

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 "K" No. 19 well located 1790 feet from the North line and 1785 feet from the East line of Section 12, Township 25 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico.

The following attachments are included with this application:

1. Map of existing roads.

2. Planned access road which is approximately 1400 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 Supron Energy Corporation water well located in the SW/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, mud tanks, reserve pit, burn pit, ect.

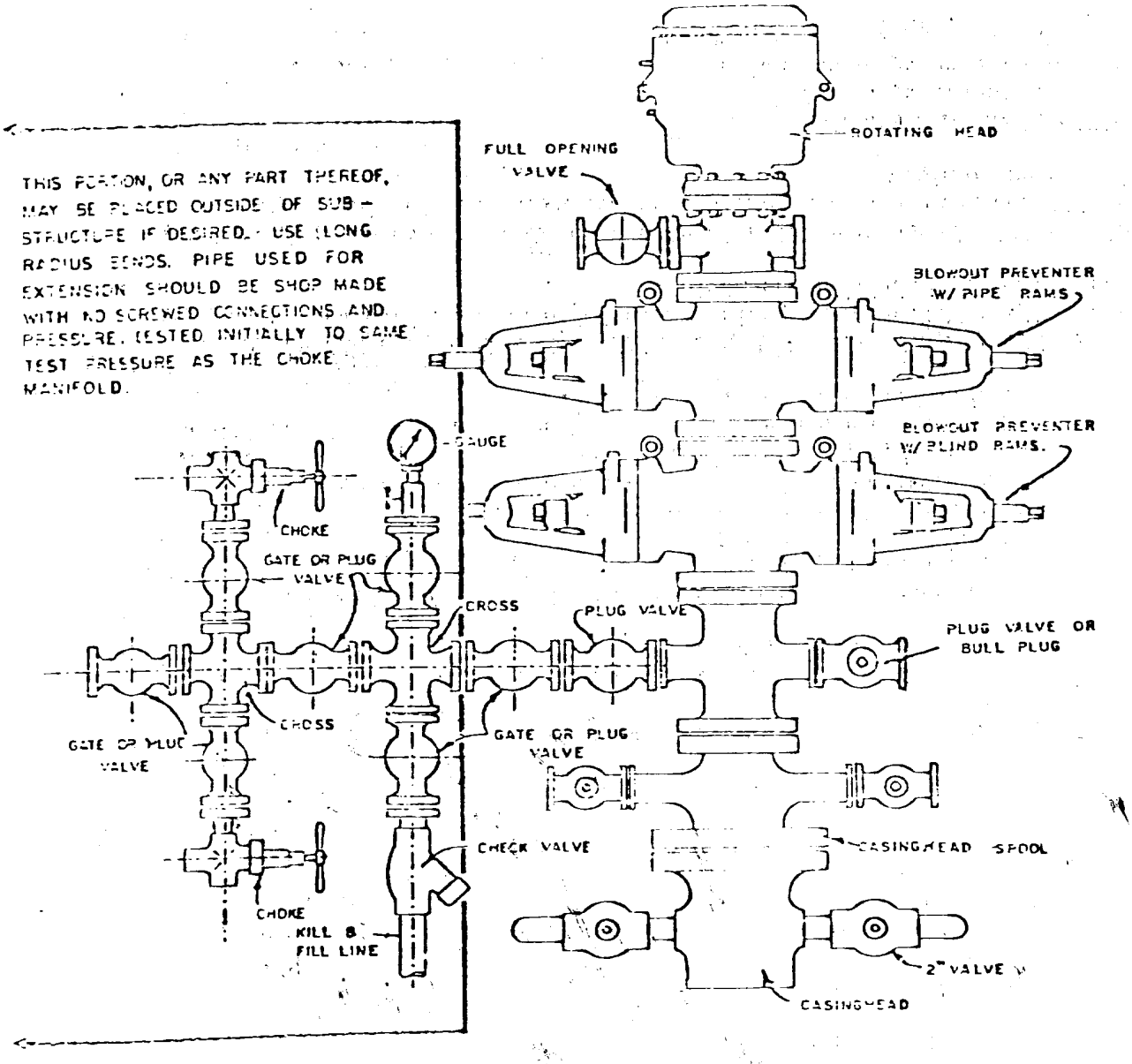
11. A letter of certification is attached.

12. After the well is completed the location will be cleaned up and bladed. The reserve pit will be fenced until it has dried and then the pit will be restored to its natural state. The access road will be left as is for well operation and maintenance. Operators representative for compliance purposes is Mr. Rudy D. Motto, P. O. Box 808, Farmington, New Mexico. Phone No. 325-3587.

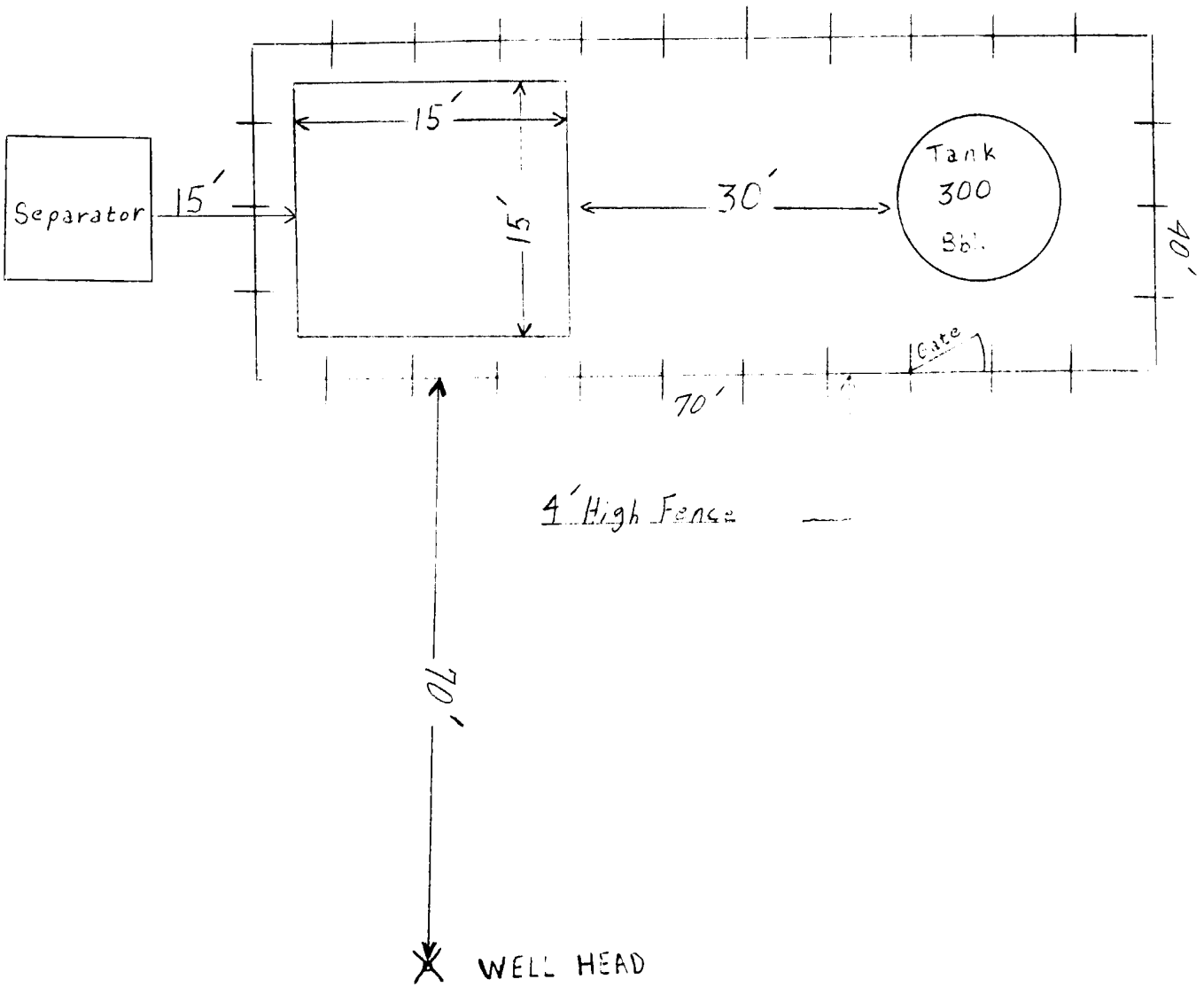
13. The soil is sandy loam and sand rock with the principal vegetation being Juniper, Pinon, Sage Brush and Grama Grass.

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

The Blowout Preventer and all valve and fittings are rated at 3000 PSI working pressure.

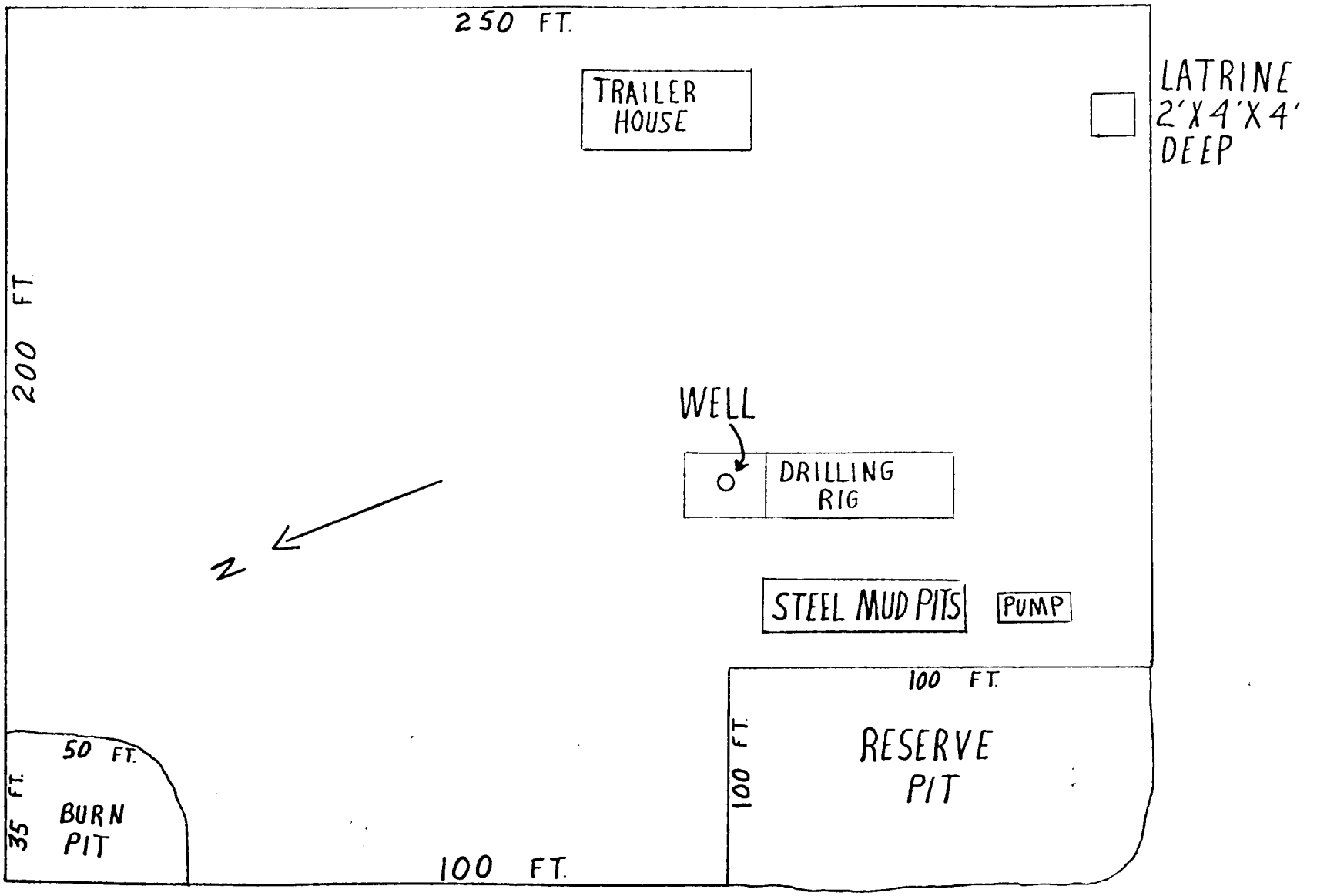


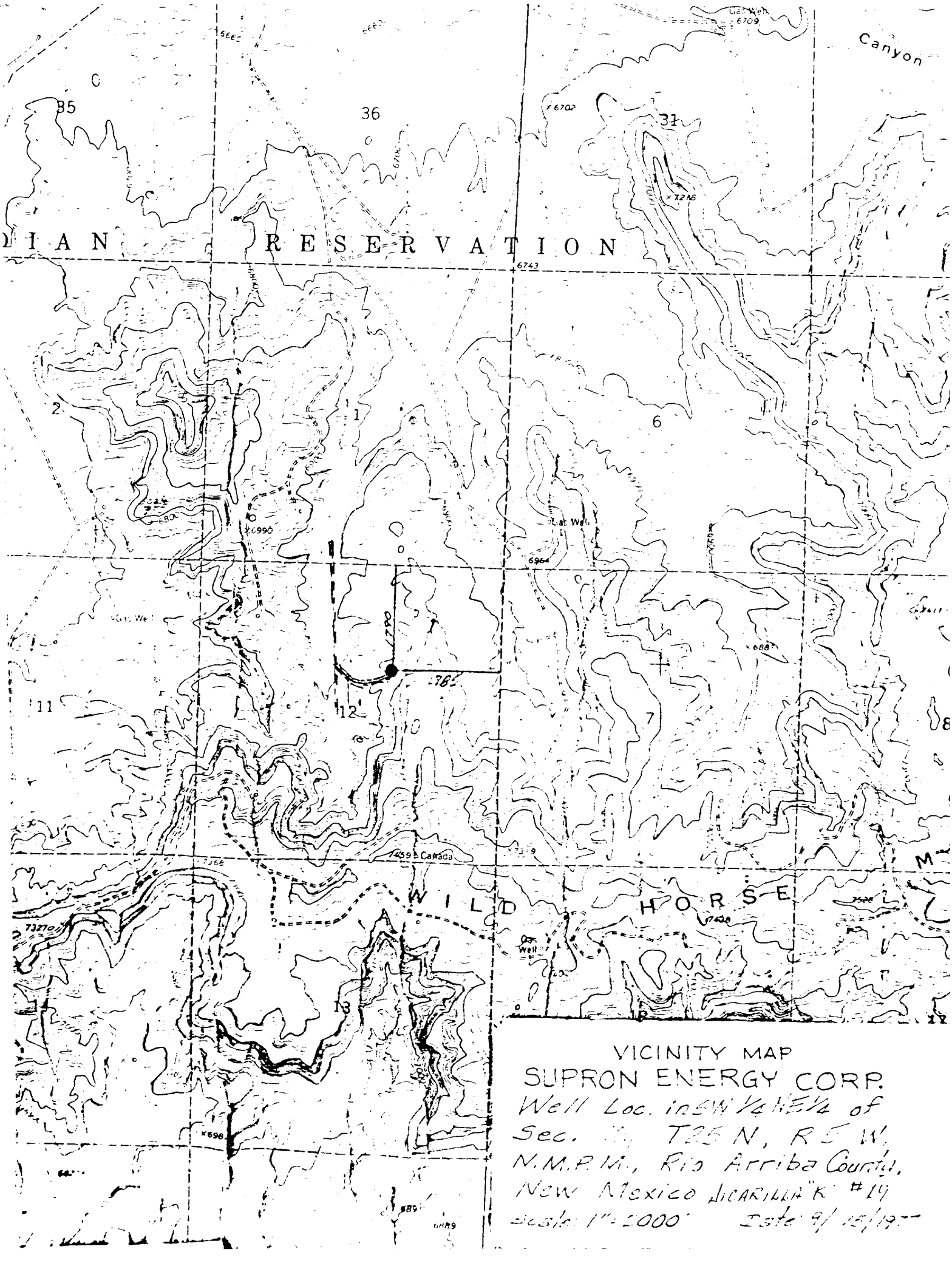
BLOWOUT PREVENTER HOOKUP


Separator
15'
15'
15'
30'
Tank
300
Bbl.
40'
Gate
70'
4' High Fence
70'
WELL HEAD

JICARILLA "K" NO. 19

1790 Feet from the North line and 1785 feet from the East line of
Sec. 12, Township 25 North, Range 5 West, Rio Arriba County, New Mexico.




Canyon
35
36
31
DIAN RESERVATION
6743
2
1
6
11
12
7
8
13
Canada
WILD HORSE
VICINITY MAP
SUPRON ENERGY CORP.
Well Loc. in NW¼ NE¼ of
Sec. 12, T25N, R5W,
N.M.P.M., Rio Arriba County,
New Mexico JICARILLA "K" #14
Scale: 1"=2000' Date: 9/15/19--