

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. Contract No. 150	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Anson Energy Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 808, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Jicarilla "C"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1600 feet from the South line and 790 feet from the East line. At proposed prod. zone Same as above.		9. WELL NO. 10-4	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles Northwest of Ojito, New Mexico		10. FIELD AND POOL, OR WILDCAT Blanco Mesqueros	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790 feet 790 feet		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12, T-26N, R-9W N.M.P.M.	
16. NO. OF ACRES IN LEASE 2560		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL E 1/2		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3800 Ft. 6300 Ft.		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7182 Cr.		22. APPROX. DATE WORK WILL START* June 10, 1978	
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	350 Ft.	242 cu. ft.
9-7/8"	7-5/8"	26.40	4250 Ft.	1370 cu. ft.
6-3/4"	5-1/2"	15.50	6300 Ft.	300 cu. ft.

It is proposed to drill this well to be completed in the Mesqueros formation. After the well is drilled, pipe will be run and cemented. The Casing will then be perforated and sand water fraced and tubing will be run and set at approximately 5500 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. Folto 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 Frank

*See Instructions On Reverse Side

RECEIVED
MAY 10 1978
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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.

WELL LOCATION AND ACREAGE AND CATION PLAT

Form No. 1
Revised 1-78

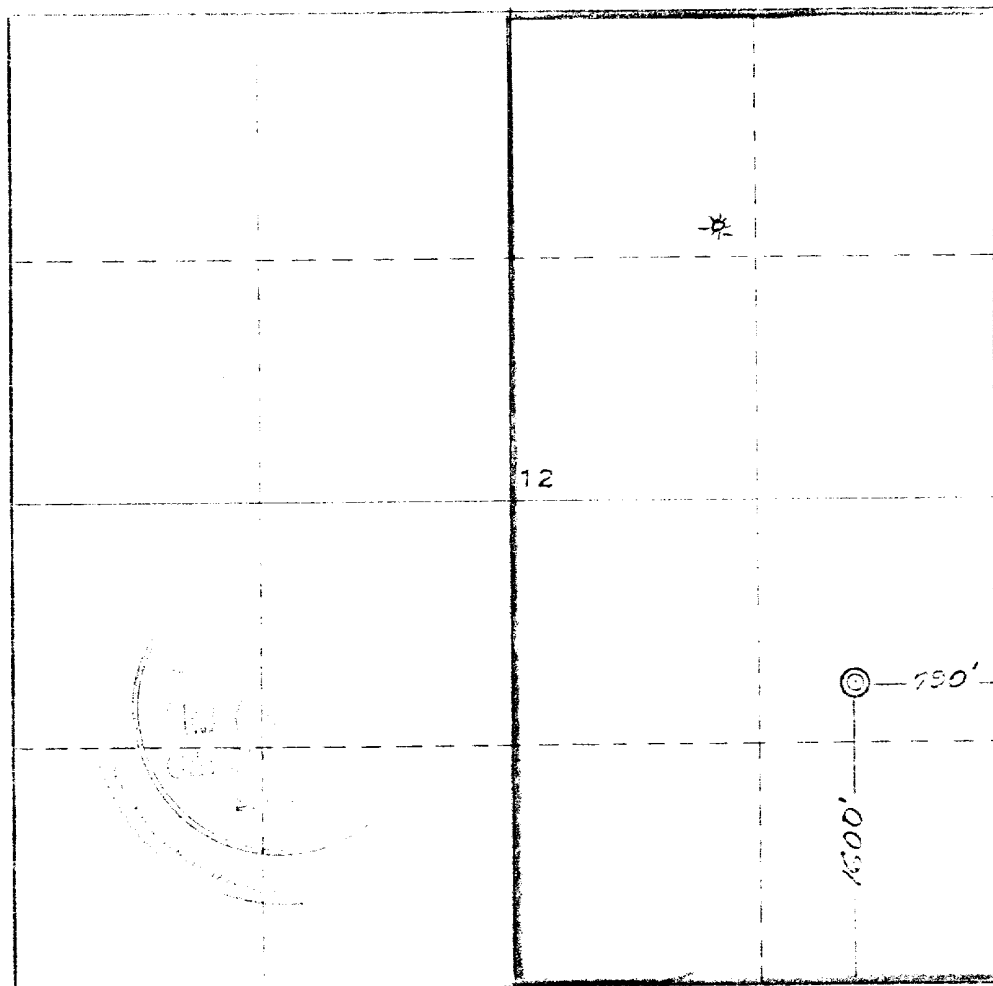
Supron Energy Corporation		Bismarck, N.D.		10 A
Section	Range	Township	Range	County
12	26 NORTH	5 WEST	RIC ARIZONA	
Section		Range	Township	Range
1600	SOUTH	790	EAST	
Section Elev. Elev.	Section Formation	Section	Dedicated Acreage	
7182	MESAVERDE	BLANCO	E 1/2 320	

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 communization, 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 communization, 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.

Original Signed By

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. Leese

James P. Leese

1463

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 0

May 6, 1970

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 "G" No. 10-A well located 1600 feet from the South line and 700 feet from the East line of Section 12, Township 26 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico.

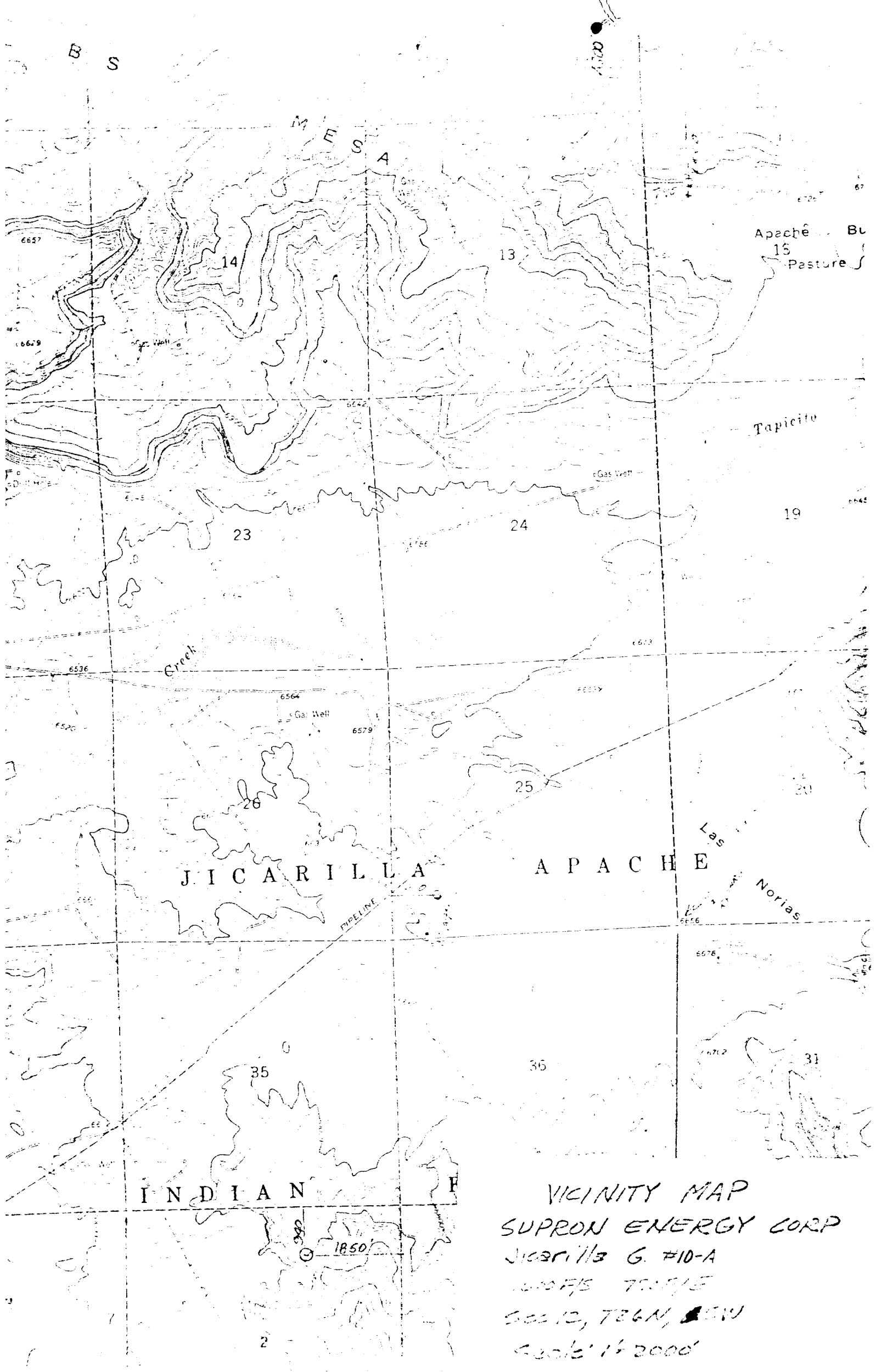
The following attachments are included with this application.

1. Map of existing roads.
2. Location of access road which is approximately 400 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 1/4 of Section 23, T-24N, R-4W, 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 pits, reserve pit, burn pit, etc.
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 on three sides when it is built. After the well is drilled the reserve pit will be fenced off until the pit has dried. The pit will then be filled and restored to its natural state.
13. The soil is sand rock with some sand with the principal vegetation being Juniper and Pinon trees.

JICARILLA "G" NO. 10-A

SUPPLEMENT TO FORM 9-3310

1. The Geologic name of the surface formation is, "Wasatch".
2. The estimated tops of important Geologic markers are:
 - A. Base of Ojo Alamo 3540 feet
 - B. Fruitland 3720 feet
 - C. Pictured Cliffs 3870 feet
 - D. Cliff House 5530 feet
 - E. Point Lookout 6050 feet
3. The estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are:
 - A. Base of Ojo Alamo 3540 feet - water
 - B. Fruitland 3720 feet - water
 - C. Pictured Cliffs 3870 feet - gas
 - D. Cliff House 5530 feet - gas
 - E. Point Lookout 6050 feet - gas
4. The casing program is shown on Form 9-3310 and all casing will be 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. 0 feet to 350 feet - Natural mud.
 - B. 350 feet to 4250 feet - Permaloid non dispersed mud containing 167 sacks of 67 sx permaloid & 10 sx of C.M.C.
 - C. 4250 feet to 6200 feet - air
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 stuck into the drill pipe when the Kelly is not in the string.
8. The well is in an area which is almost completely developed; therefore, we will not have a testing or 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 abnormal pressures, temperatures or hydrogen sulfide problems expected in this highly developed area.
10. The anticipated starting date for this well is June 10, 1978.

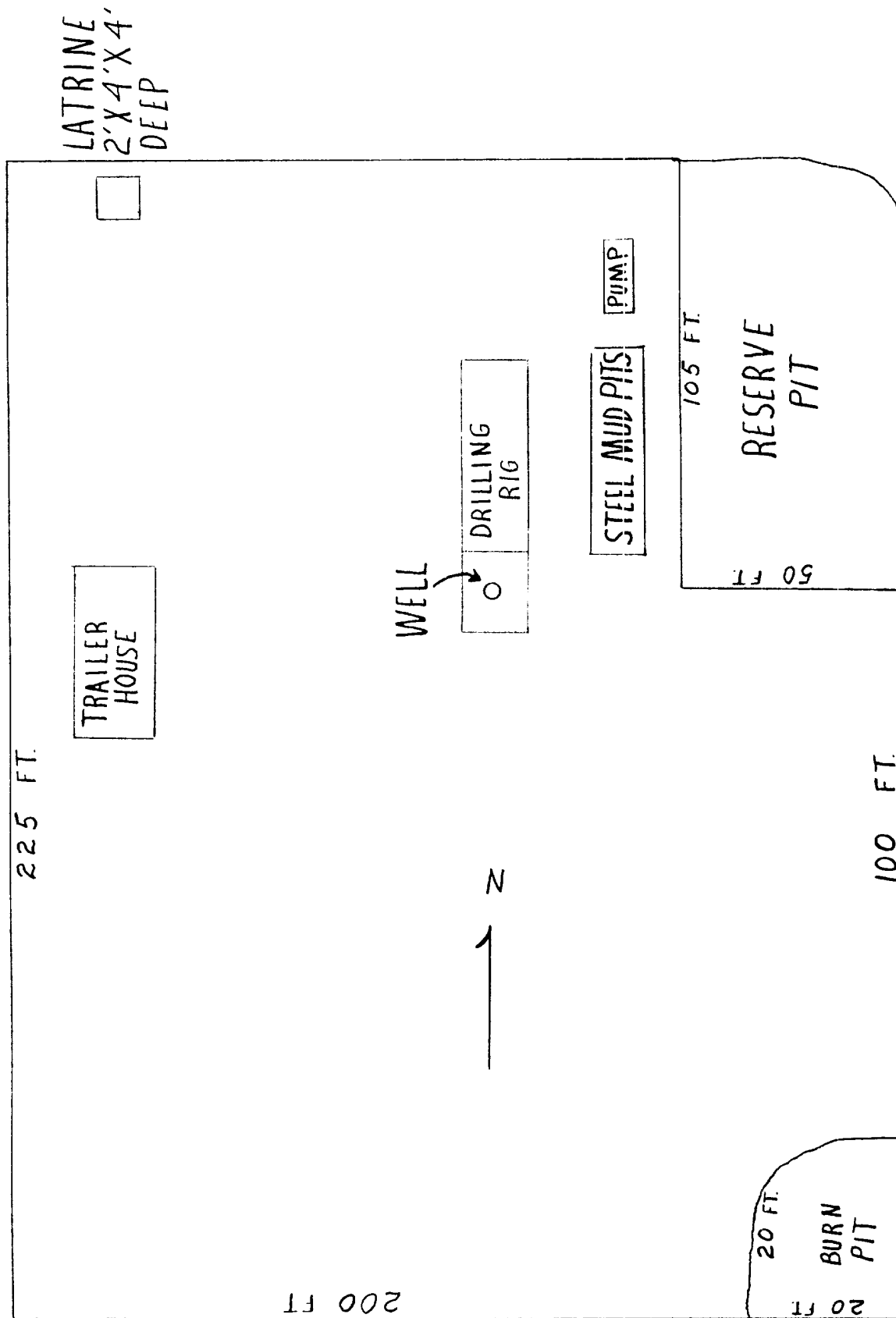


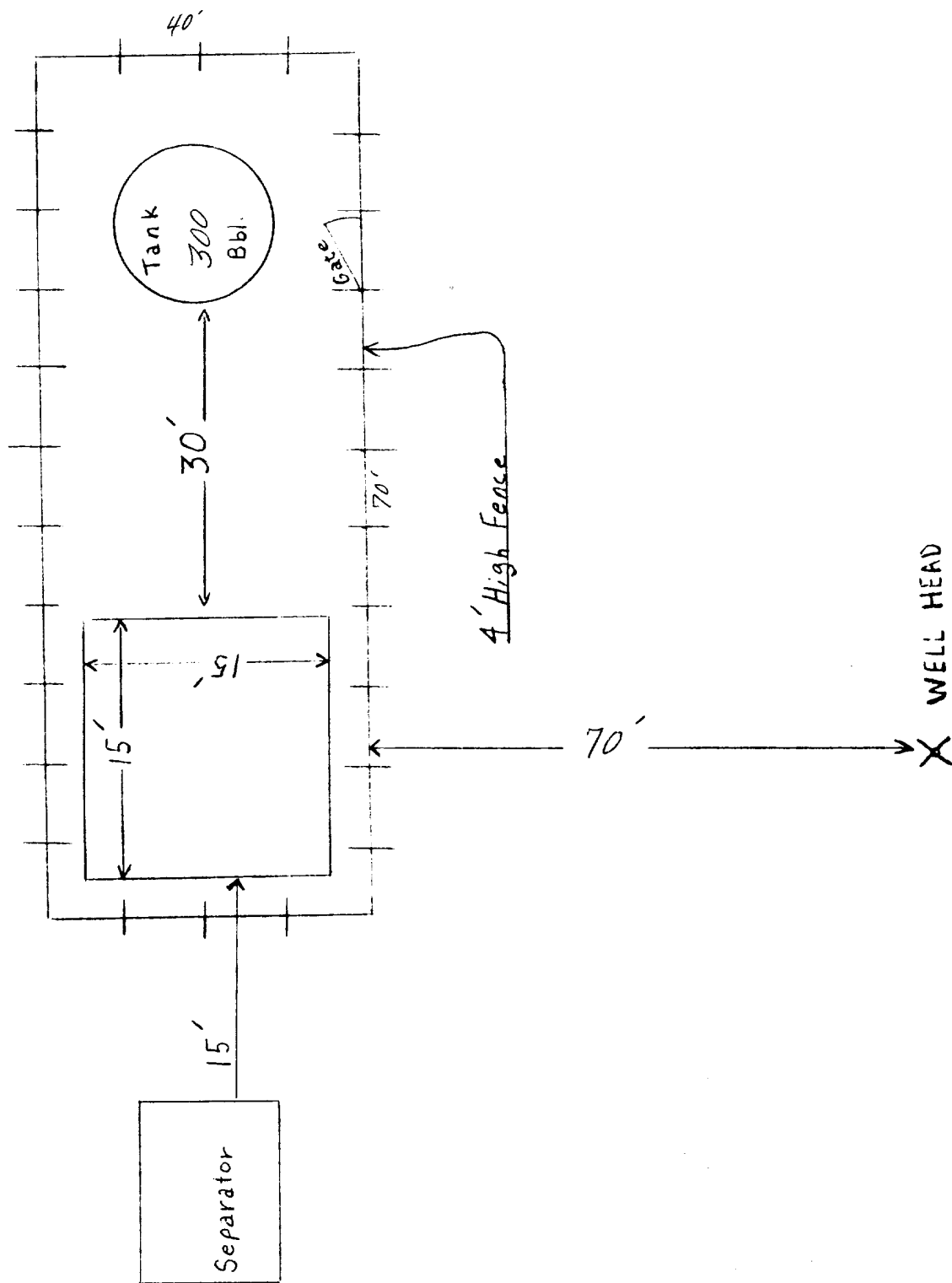
VICINITY MAP
SUPRON ENERGY CORP
JICARILLA G. #10-A
1000 FT. TIE
SEC 12, T26N, R10W
Scale 1" = 2000'

SUPRON ENERGY CORPORATION

JIGARILLA "G" NO. 10-A

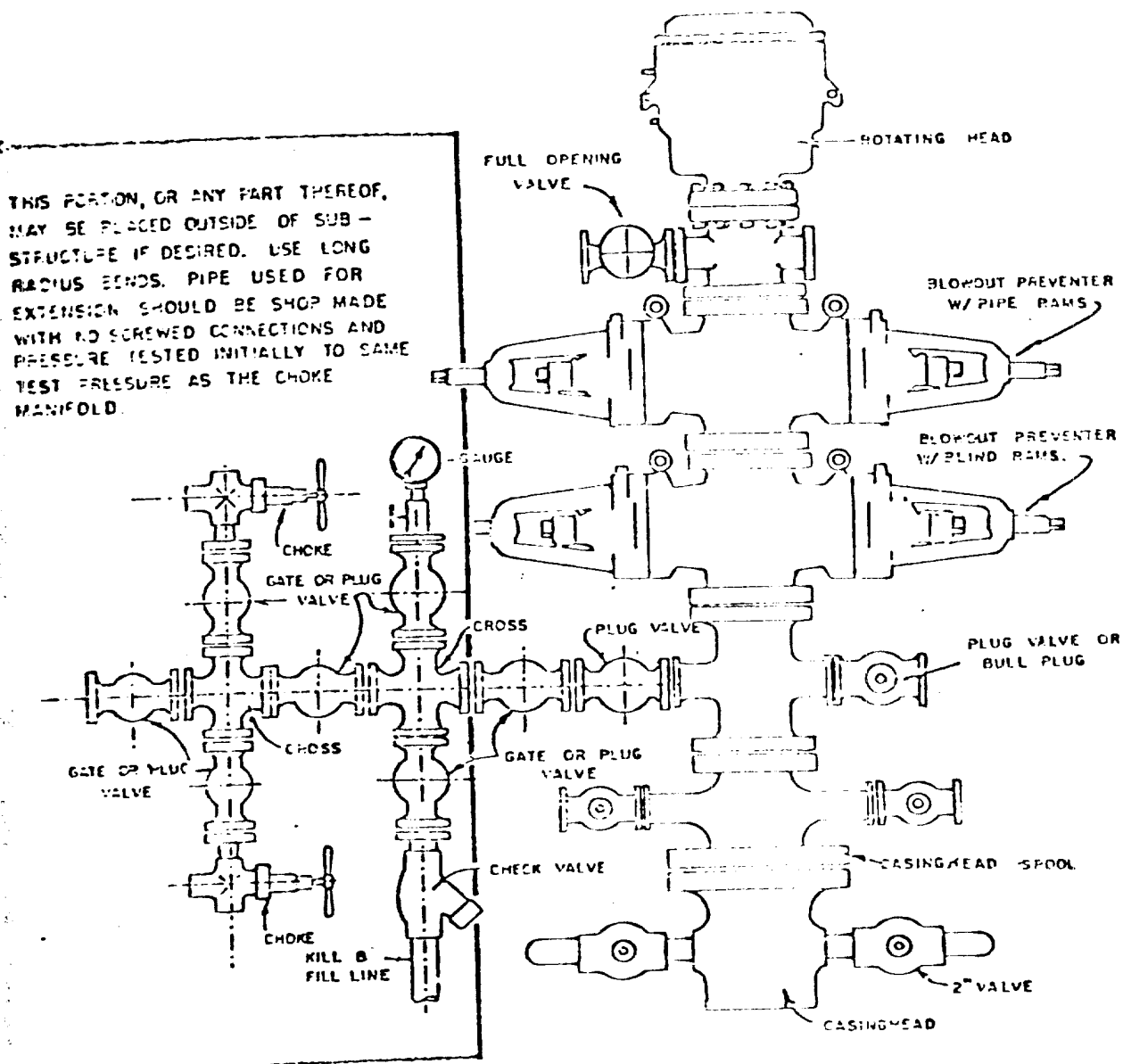
1600 Ft. from the South line and 790 ft. from the East line of
Section 12, Township 26 North, Range 5 West, N.M.P.M., Rio Arriba
County, New Mexico





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



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



Judy D. Motte
Area Superintendent
Phone: 325-3587

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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 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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐2. NAME OF OPERATOR
SUPRON ENERGY CORPORATION3. ADDRESS OF OPERATOR
P.O. Box 808 Farmington, NM 874014. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: **1600'/S line and 790'/E line**
AT TOP PROD. INTERVAL: **Same as above**
AT TOTAL DEPTH: **Same as above**

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF ☐	☐
FRACTURE TREAT ☐	☐
SHOOT OR ACIDIZE ☐	☐
REPAIR WELL ☐	☐
PULL OR ALTER CASING ☐	☐
MULTIPLE COMPLETE ☐	☐
CHANGE ZONES ☒	☐
ABANDON* ☐	☐

(other) **Change casing program**

5. LEASE

Contract 150

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla "C"

9. WELL NO.

10-A

10. FIELD OR WILDCAT NAME

Radio Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 12, T-26N, R-5W, N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7182 Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. We originally filed to run 7-5/8" intermediate casing to 4250 feet. This will be changed to 7", K-55 casing to be set at 4100 feet.
2. We originally filed to run 5-1/2" liner from 4100 feet to 6300 feet. This will be changed to 4-1/2" 10.5#, K-55 casing from 3950 feet to 6500 feet and 4-1/2", 11.6#, K-55 casing from 6500 feet to a new T.D. of 8300 feet.
3. We desire to drill this well to the Dakota formation instead of the Mesaverde formation as originally scheduled. This will be done to test the Dakota reservoir and monitor the well for pressures on the 160 acre drilling block. This work is to be done as partially approved by the U.S.G.S. and Energy Minerals Department of the New Mexico Oil

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
Conservation Division on October 4, 1978.SIGNED **Rudy D. Motto**
Rudy D. MottoTITLE **Area Superintendent** DATE **October 4, 1978**

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

RECEIVED

OCT 5 1978

U. S. GEOLOGICAL SURVEY
DURHAM, N.C.

*See Instructions on Reverse Side