

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-045-24105
5. LEASE DESIGNATION AND SERIAL NO.
SF-080724 (A)

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

960 Ft. from the South; 1455 ft. from the East line

At proposed prod. zone

Same as above

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

10 Miles East of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

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

960'

960'

18. DISTANCE FROM PROPOSED LOCATION*

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

472

16. NO. OF ACRES IN LEASE

2284.3

19. PROPOSED DEPTH

6450

17. NO. OF ACRES ASSIGNED
TO THIS WELL

327.29

20. ROTARY OR CABLE TOOLS

Rotary

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

5594 GR

22. APPROX. DATE WORK WILL START*

11/1/79

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (New)	24.00	250	200 Sx.
7-7/8"	4-1/2" (New)	10.50	6450	400 Sx.

We propose to drill a 12-1/4" surface hole to a depth of approx. 250 ft. and run new 8-5/8", 24.00#, K-55 casing to approx. 250 ft. It will be cemented from 250 ft. to surface using about 200 sx. of class "B" with 2% CaCl. We will drill a 7-7/8" hole from 250 ft. to approx. 6450 ft. using mud and run new 4-1/2", 10.50#, K-55 casing to T.D. The 4-1/2" will be cemented with approx. 250 sx. of 50-50 poz mix and 2% gel, followed by approx. 150 sx. of class "B" with 1/4# of cello-flakes per sack. The well will then be perforated and stimulated in the Dakota zone and tubing will be run to approx. 6200 ft.

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. Roddy

TITLE

Production Superintendent

DATE

August 6, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

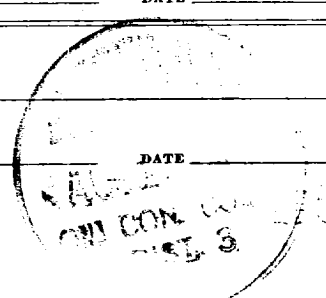
DATE

CONDITIONS OF APPROVAL, IF ANY:

NWU R-1814

sh Bnd

NYMDC



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

Form C-102
Supersedes C-128
Effective 1-1-65

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

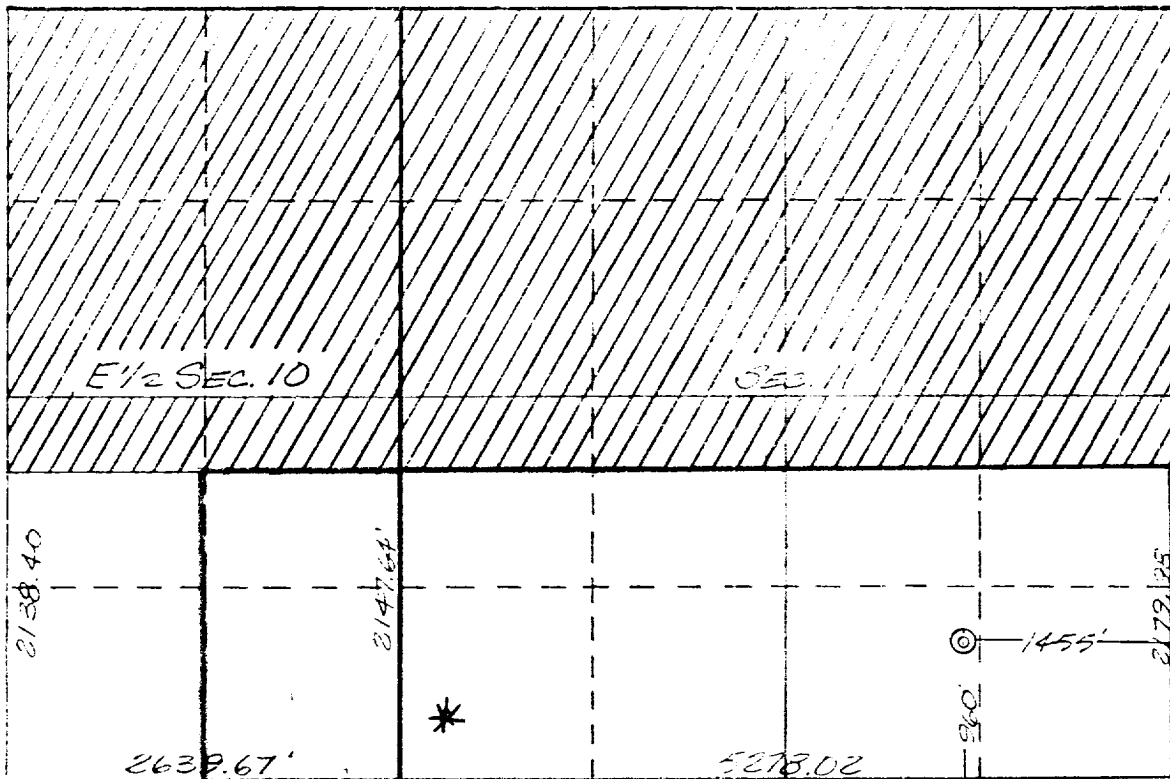
Operator SUPRON ENERGY CORPORATION			Lease ZACHRY		Well No. 18-E
Unit Letter 0	Section 11	Township 28 NORTH	Range 10 WEST	County SAN JUAN	
Actual Footage Location of Well: 960 feet from the SOUTH line and 1455 feet from the EAST line					
Ground Level Elev. 5524	Producing Formation DAKOTA		Pool BASIN	Dedicated Acreage: E 1/2 of Sec. 10 All of Sec. 11 Acres 327.29	

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.



SCALE: 4" = 1 MILE

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Rudy D. Motto

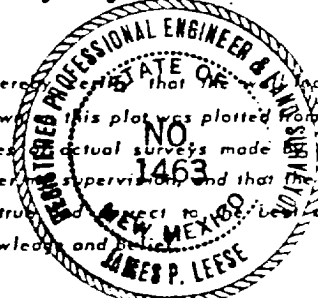
Signature: *Rudy D. Motto*
Position: _____

Area Superintendent

Company: **SUPRON ENERGY CORPORATION**

Date: **July 13, 1979**

I hereby certify that the information 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.



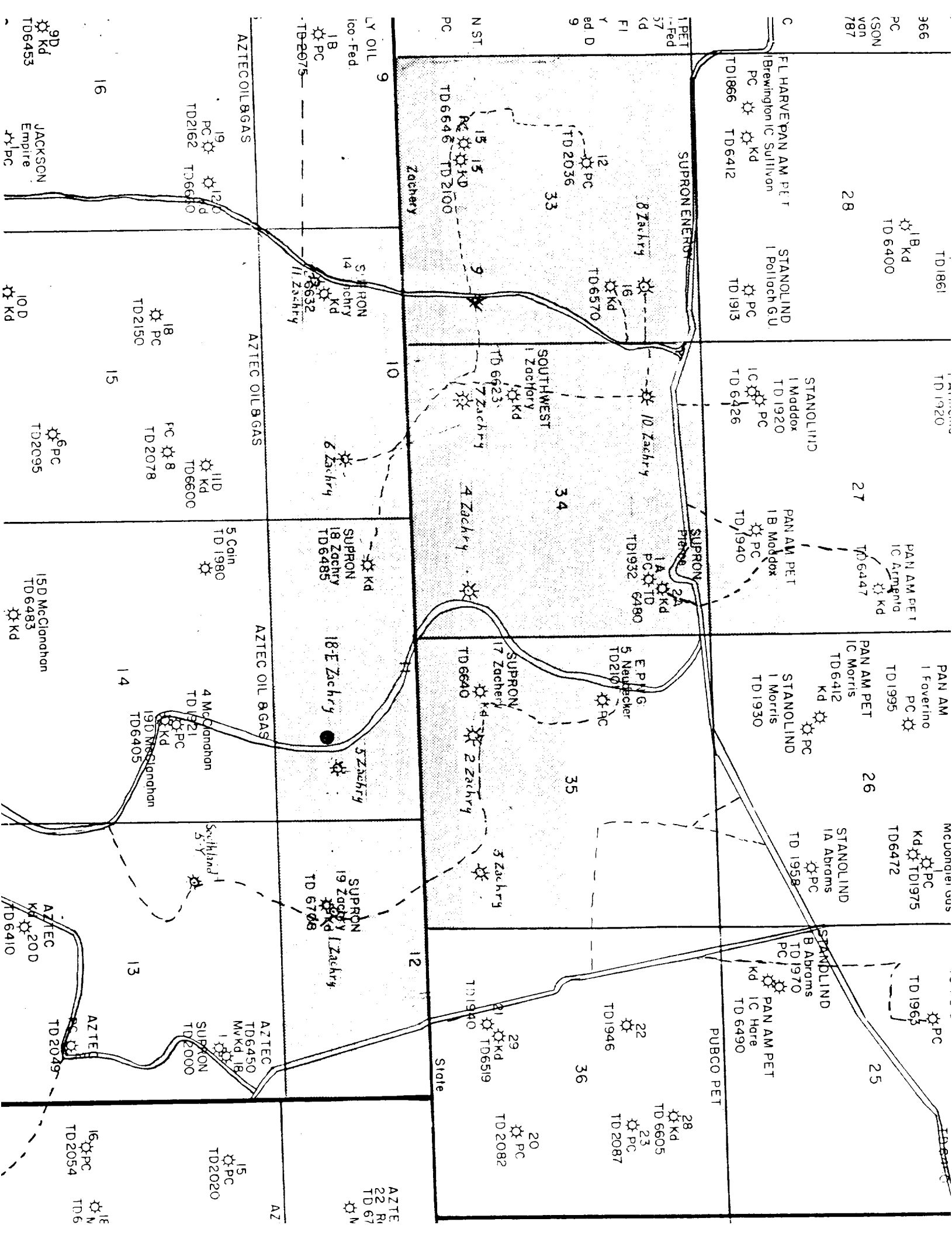
Date Surveyed 5 July 1979
Registered Professional Engineer and/or Land Surveyor <i>James P. Leese</i> James P. Leese
Certificate No. 1463

ZACHRY NO. 18-E

Sec. 11, Twp. 28N, Rge. 10W
San Juan County, New Mexico

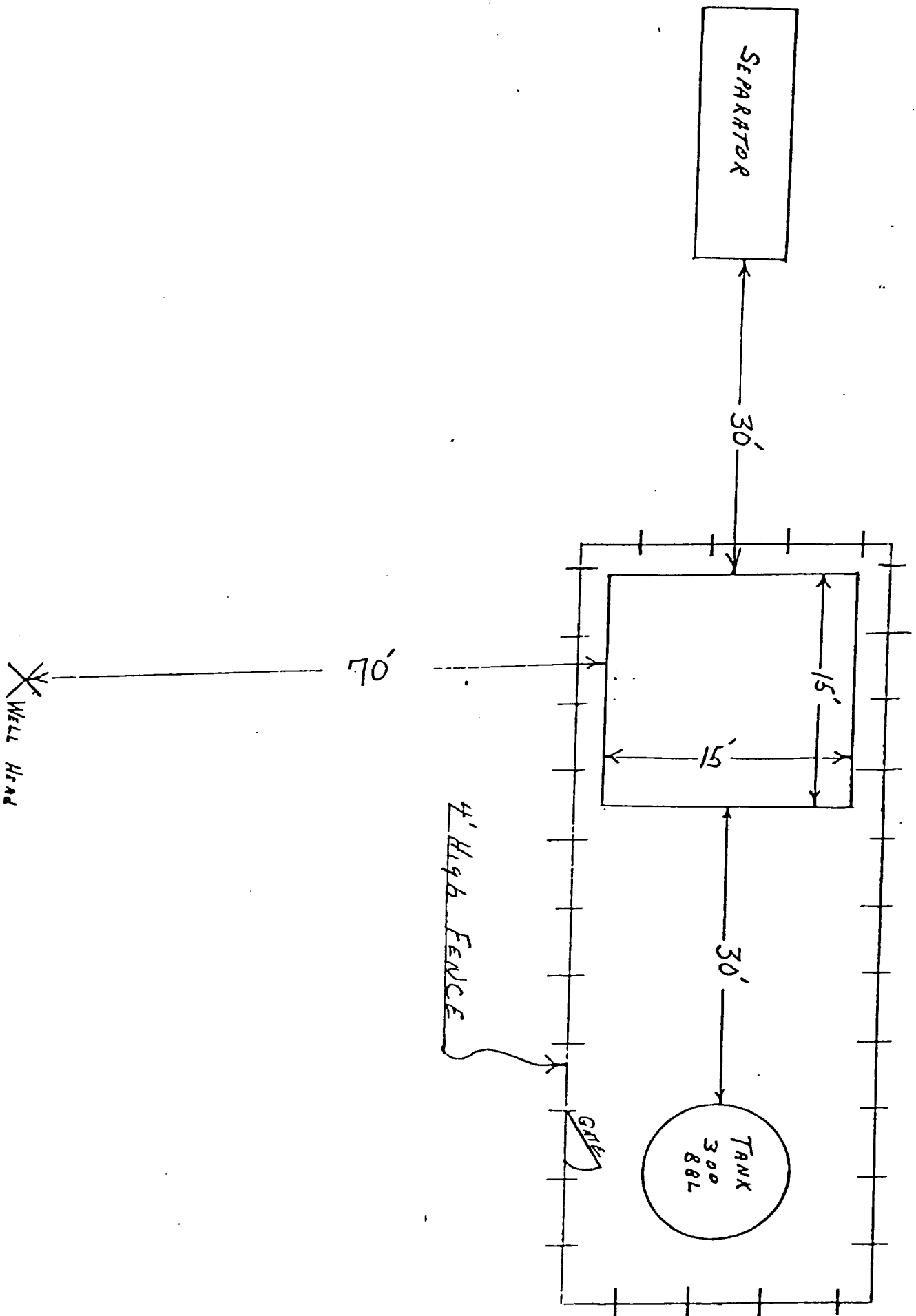
SUPPLEMENT TO FORM 9-331C

1. The Geologic name of the surface formation is "Wasatch".
2. The estimated tops of important Geologic markers are:
 - A. Base of Ojo Alamo - - - - - 1260
 - B. Top of Fruitland - - - - - 1585
 - C. Top of Pictured Cliffs - - - - - 1785
 - D. Top of Cliff House - - - - - 3450
 - E. Top of Point Lookout - - - - - 4140
 - F. Base Greenhorn - - - - - 6125
 - G. Top of Dakota - - - - - 6175
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 - - - - - 1260 - Water
 - B. Top of Fruitland - - - - - 1585 - Gas
 - C. Top of Pictured Cliffs - - - - - 1785 - Gas
 - D. Top of Cliff House - - - - - 3450 - Gas
 - E. Top of Point Lookout - - - - - 4140 - Gas
 - F. Top of Dakota - - - - - 6175 - 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 - 250 Ft. - Natural mud.
 - B. 250 - 6450 Ft. - Permaloid non-dispersed mud containing 167 sx. gel, 67 sx. permaloid, and 10 sx. 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 11/1/79.



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





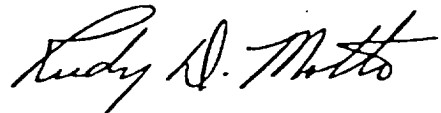
SUPRON ENERGY CORPORATION

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".

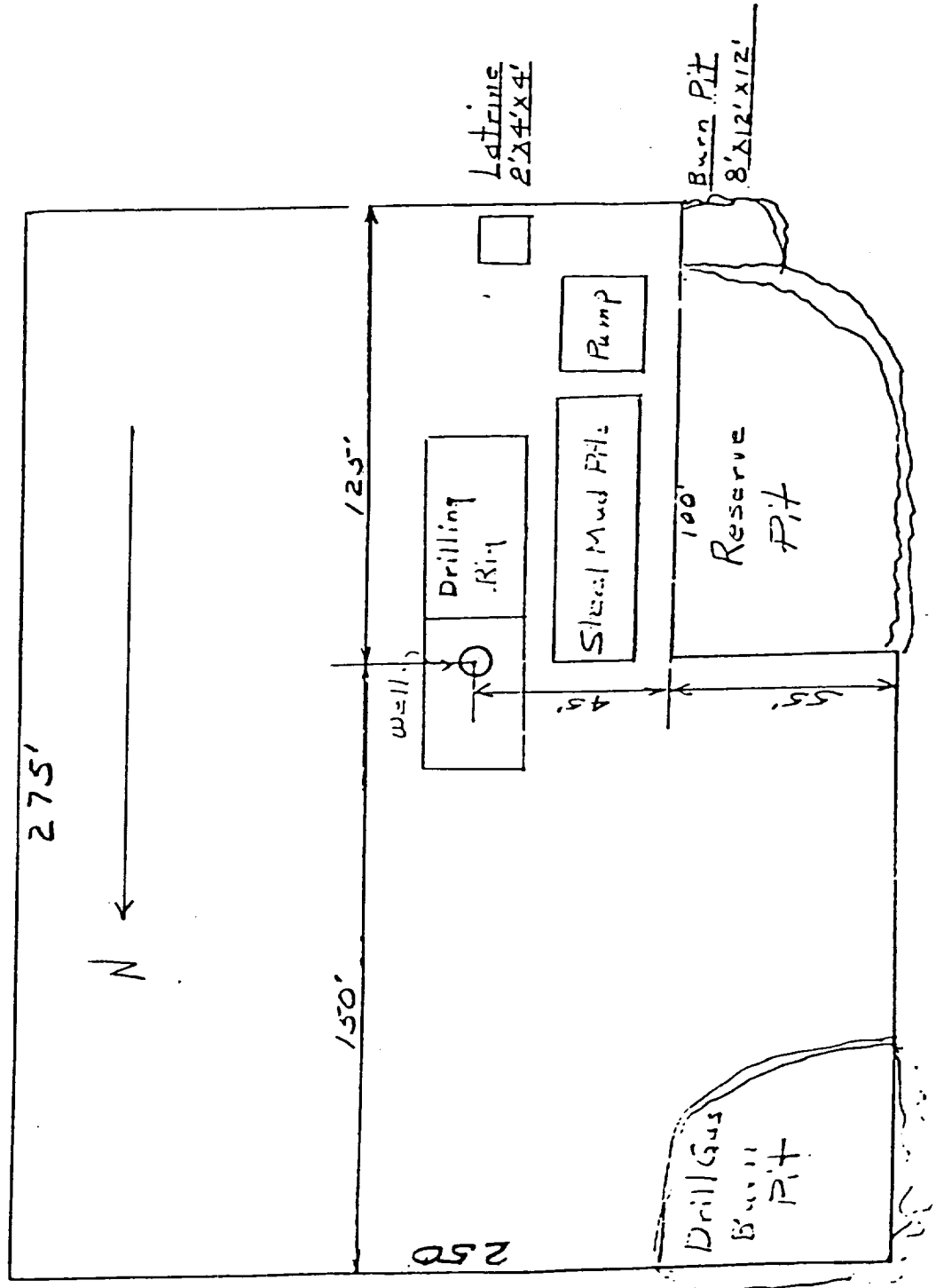
Rudy D. Motto
Area Superintendent
Phone: 325-3587

SUPRON ENERGY CORPORATION

LOCATION AND EQUIPMENT LAYOUT

ZACHRY NO. 18-E

960 Feet from the South line and 1455 feet from the East line of Section 11, Township 28 North, Range 10 West, N.M.P.M., San Juan County, New Mexico.



SUPRON ENERGY CORPORATION
POST OFFICE BOX 808
FARMINGTON, NEW MEXICO 87401

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

Gentlemen:

Supron Energy Corporation proposes to drill the Zachry No. 18-E, to be located 960 feet from the South line and 1455 feet from the East line of Section 11, Township 28 North, Range 10 West, N.M.P.M., San Juan County, New Mexico.

The following attachments are included with this application:

1. Topographical map showing proposed location.
2. There is no access road needed.
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, Pinon, and Juniper.

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 ☐ well gas ☒ well other ☐
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. See space 17 below.)
AT SURFACE: 960'/S; 1455'/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 | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | <input type="checkbox"/> |
- (other) Change Cementing Program

5. LEASE
SF-080724 A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Zachry
9. WELL NO.
18-E
10. FIELD OR WILDCAT NAME
Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T-28N, R-10W
N.M.P.M.
12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico
14. API NO.
Not assigned
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5594 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.)*

We originally proposed to drill 7-7/8" hole to T.D. of 6450 ft. Run 4-1/2" csg. and cement w/400 sx of cement. We will still cement the bottom section as originally proposed. In addition to that we now propose to run a D.V. tool at approximately 1935 feet and two stage the cement job. The second stage will consist of 150 sx. of 65/35/12 with 6% Gel and 6-1/4# of Gilsonite and tail in with 50 sx. of class "B" cement w/1/4# Flo Cel/sx. Estimated cement top will be approximately 1100 feet.

RECEIVED

OCT 05 1979

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

Subsurface Safety Valve: Manu. and Type

Set @

18. I hereby certify that the foregoing is true and correct

SIGNED Rudy D. Motto TITLE Area Superintendent DATE October 4, 1979

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE DATE

*See Instructions on Reverse Side

NMCC



● Proposed Well

— Pipe Line