

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 ☐

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 990 Ft./South; 1070 Ft./West line  
At proposed prod. zone Same as above

5. LEASE DESIGNATION AND SERIAL NO.  
Contract No. 103

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
JICARILLA APACHE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Jicarilla "H"

9. WELL NO.  
6-Y

10. FIELD AND POOL, OR WILDCAT  
Blanco Mesaverde, Basin Dako

11. SEC. T. R. M., OR BLK. AND SURVEY OR AREA  
Sec. 20, T-26N, R-4W  
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\*  
20 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)  
990 Ft.  
990 Ft.

16. NO. OF ACRES IN LEASE  
2560

17. NO. OF ACRES ASSIGNED TO THIS WELL  
320 (South Half)

18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
1860 Ft.

19. PROPOSED DEPTH  
7890

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6748 GR.

22. APPROX. DATE WORK WILL START\*  
May 1, 1982

## 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"         | 23.00           | 350           | 180 sx. circulate       |
| 7-7/8"       | 5-1/2"         | 15.50           | 7890          | 1050 sx cover Ojo Alamo |

We request permission to drill a 12-1/4" hole to about 350 ft. using natural mud. We will then run 8-5/8", 23.00# casing and cement with about 180 sacks of class "B". Cement will be circulated to the surface. Pressure - test surface casing to 1000 P.S.I. Drill 7-7/8" hole to about 7890' using starch - based mud. Run logs and run new 5-1/2", 15.50#, K-55 casing to total depth with stage collars at about 5775 ft. and 3540 ft. Cement first stage with about 300 sacks of 50-50 pozmix. Cement second stage with about 200 sacks of 50-50 pozmix and 100 sacks of class "B". Cement third stage with 250 sacks of 65-35-6 and 100 sacks of class "B". Drill out stage collar and pressure - test casing. Perforate and fracture the Dakota zone and set a bridge plug above the Dakota. Perforate and fracture the Mesaverde zone. Remove the bridge plug and clean both zones. Run 2-1/16" tubing to the Dakota zone and set a production packer between the zones. Run string of 2-1/16" tubing to the Mesaverde zone. Run Packer-Leakage test and connect to a gathering system.

The gas from both zones has been previously dedicated to a pipeline system.

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. Kelly TITLE Production Superintendent DATE 4-26-82  
Kenneth E. Podd

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED  
DATE

MAY 6 1982

JAMES F. SIMS  
DISTRICT ENGINEER

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

Form C-102  
Supersedes C-11  
Effective 1-1-83

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

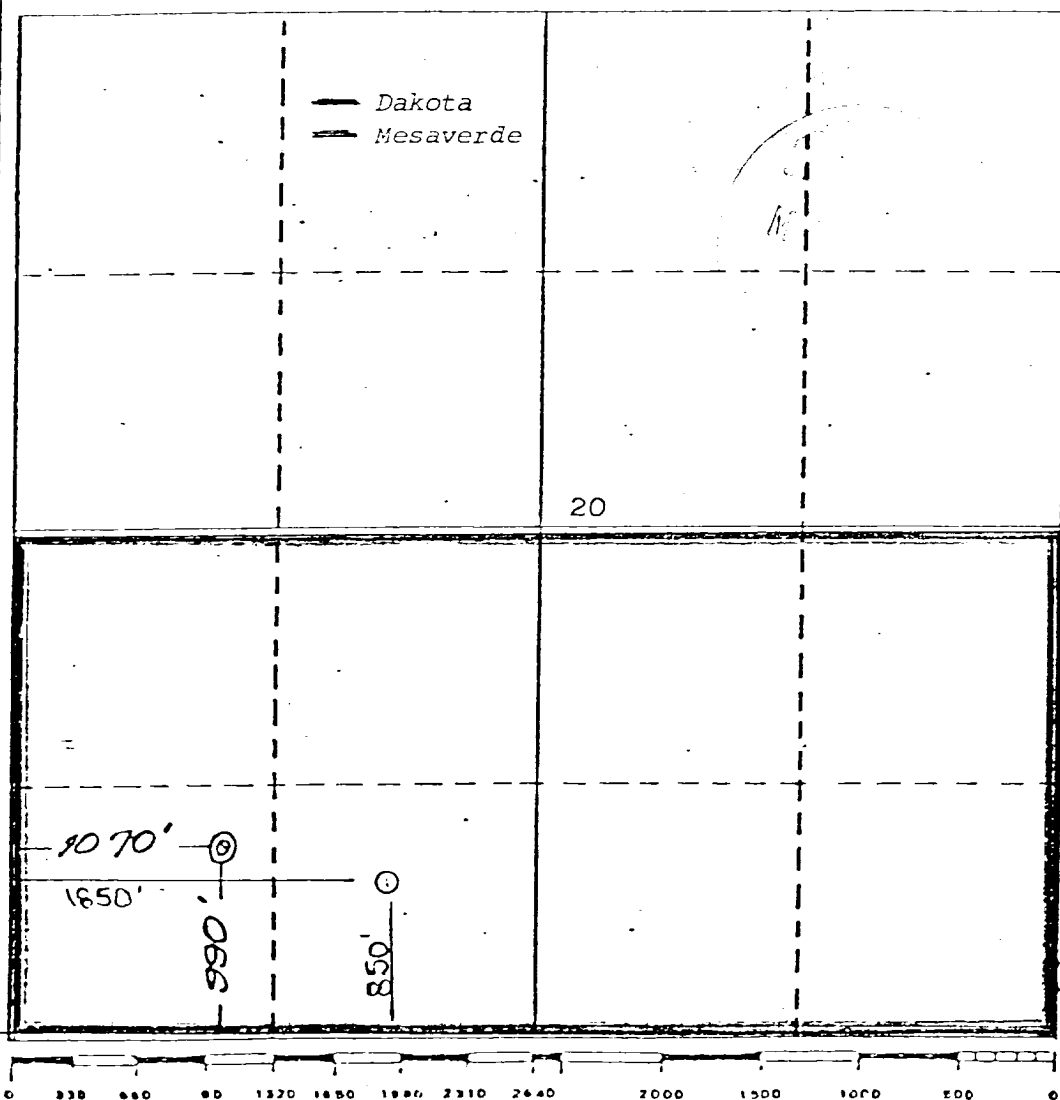
|  |  |                                     |   |                             |                        |
|--|--|-------------------------------------|---|-----------------------------|------------------------|
| Operator<br><b>SUPRON ENERGY CORPORATION</b> |  |                                     | Lease<br><b>JICARILLA H</b>                     |                             | Well No.<br><b>6-Y</b> |
| Unit Letter<br><b>M</b>                      | Section<br><b>20</b>                               | Township<br><b>26 NORTH</b>         | Range<br><b>4 WEST</b>                          | County<br><b>RIO ARriba</b> |                        |
| Actual Footage Location of Well:             |  |                                     |   |                             |                        |
| 990 feet from the <b>SOUTH</b> line and      |  | 1070 feet from the <b>WEST</b> line |   |                             |                        |
| Ground Level Elev.<br><b>6748</b>            | Producing Formation<br><b>Dakota<br/>Mesaverde</b> | Pool<br><b>Basin<br/>Blanco</b>     | Dedicated Acreage:<br><b>5 3/4 320.00</b> Acres |                             |                        |

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

*Rudy D. Motto*  
Name

Rudy D. Motto  
Position

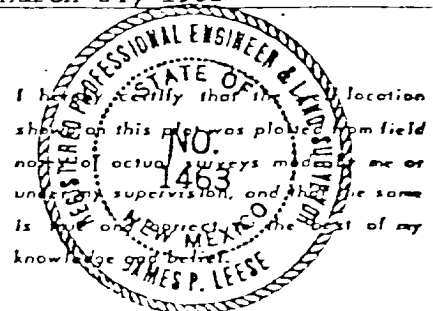
Area Superintendent

Company

Supron Energy Corporation

Date

March 24, 1982



I hereby certify that the 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.

Date Surveyed

March 22, 1982

Registered Professional Engineer and/or Land Surveyor

*James P. Leese*

James P. Leese

Certificate No.

1463