SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

30-139-225// 5. LEASE DESIGNATION AND SERIAL NO.

Contract #150

# **UNITED STATES** DEPARTMENT OF THE INTERIOR

**GEOLOGICAL SURVEY** 

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STATE OF NEW MEXICO P. O. DOX 20118 form C-107 Revised 10-1-78 SANTA FE, NEW MEXICO 87501 ENERGY AND MINERALS DEPARTMENT All distances must be from the outer housidaries of the Section Well Ho. (A.elator #4-E ENERGY CORPORATION JICARILLA G Township Section Unit Leller RIO ARRIBA 26 NORTH WEST E Actual Postage Location of Fell; 630 1800 feet from the Dedicated Acreoger Producing Formation Ground Level Elev. 320 W/2 Basin DAKOTA 7256 1. Outline the acrenge dedicated to the subject well by colored pencil or hachare 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? If answer is "yes," type of consolidation \_ Yes No. 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 Division. CERTIFICATION I hereby certify that the Information contalned herein Is true and complete to the Kenneth E. Roddy Production Superintendent Jicarilla "G" 26. 4-E SUPRON ENERGY CORPORATION LOCATION June 23, 1980 11 Jicerilla Date Surveyed 1515 May 9, 1980

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### SUPRON ENERGY CORPORATION

JICARILLA "G" NO. 4-E NW/4 Sec. 11, T-26N, R-5W, N.M.P.M. Rio Arriba County, New Mexico

- 1. The geologic name of the surface formation is "Wasatch".
- 2. The estimated tops of important geologic markers are:

A.	Top of	the	Ojo Alamo	2493	Ft.
В.	Top of	the	Fruitland	3427	Ft.
C.	Top of	the	Pictured Cliffs	3897	Ft.
	_		Mesaverde	5562	Ft.
E.	Top of	the	Gallup	7602	Ft.
F.	Top of	the	Dakota	8102	Ft.

3. The estimated depths at which water, oil or mineral bearing formations are expected to be encountered are:

A.	Top	of	the	Ojo Alamo	2493	Ft.	Water
В.	Top	of	the	Fruitland	3427	Ft.	Water
C.	Top	οf	the	Pictured Cliffs	3897	Ft.	Water
D.	Top	of	the	Mesaverde	5562	Ft.	Water
E.	Top	of	the	Gallup	7602	Ft.	Dry
F.	Top	οf	the	Dakota	8102	Ft.	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 medium are as follows:
  - A. 0 300 feet Natural mud.
  - B. 300 to 8340 feet Permaloid, non dispersed mud containing approximately 200 sx of gel, 80 sx. of permaloid and 20 sx. of 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. The well is in an area which is heavily developed therefore we will not have a testing or coring program. The logging program is as follows:
  - A. E.S. Induction
  - B. Gamma Ray Density
  - C. Gamma Ray Correlation
  - D. Cement Bond
- 9. We do not expect to find any abnormal pressures, temperatures or hydrogen sulfide problems in this highly developed area.
- 10. The anticipated starting date of this well is September 1, 1980, dependent on rig availability.

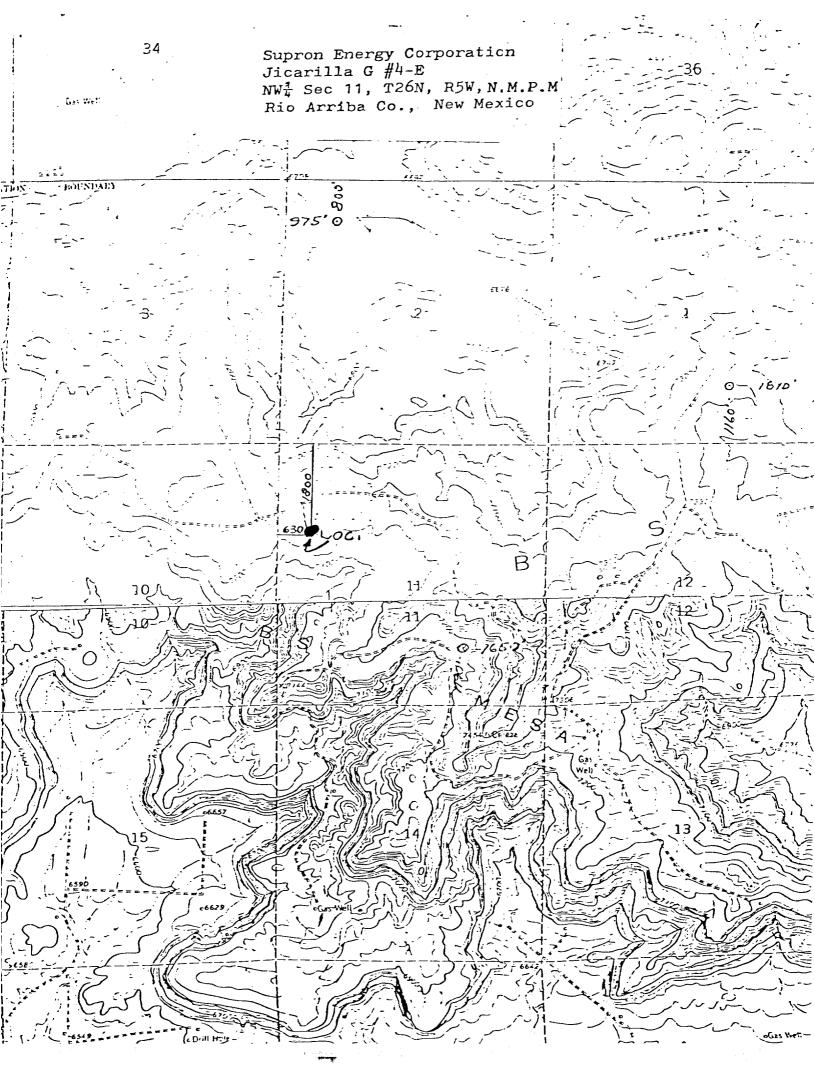
#### SUPRON ENERGY CORPORATION

### JICARILLA "G" NO. 4-E.

NW/4 Sec. 11, T-26N, R-5W, N.M.P.M. Rio Arriba County, New Mexico

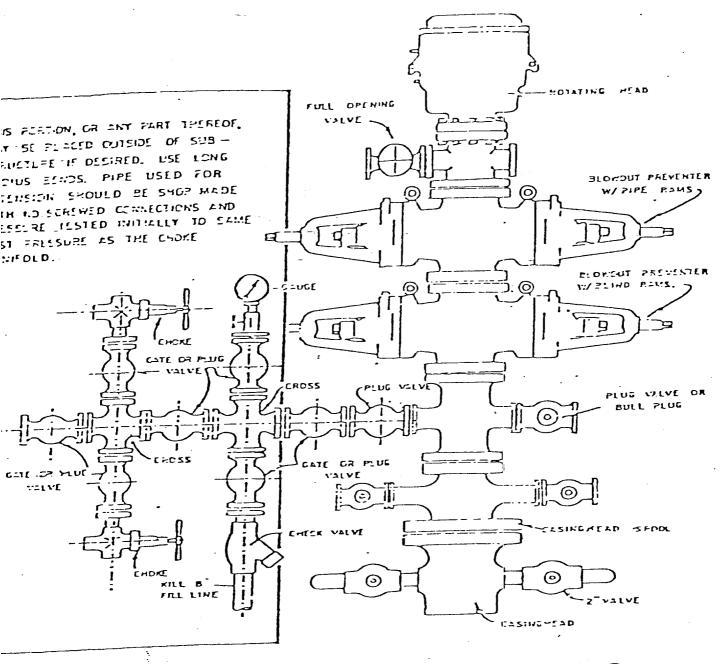
The following attachments are included with this application:

- 1. Topographical map showing proposed location and access arod.
- 2. Planned access road is approximately 600 feet long.
- 3. Map showing existing producing facilities.
- 4. Location of surface equipment if required.
- 5. Drilling and completion water will be obtained from the Jicarilla "J" Water well.
- 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 clayey loam and the principal vegegation is pinon, juniper, mountain mahogany, scrub oak, bitterbrush, serviceberry, narrowleaf yucca, broadleaf yucca, prickly pear, indian ricegrass.

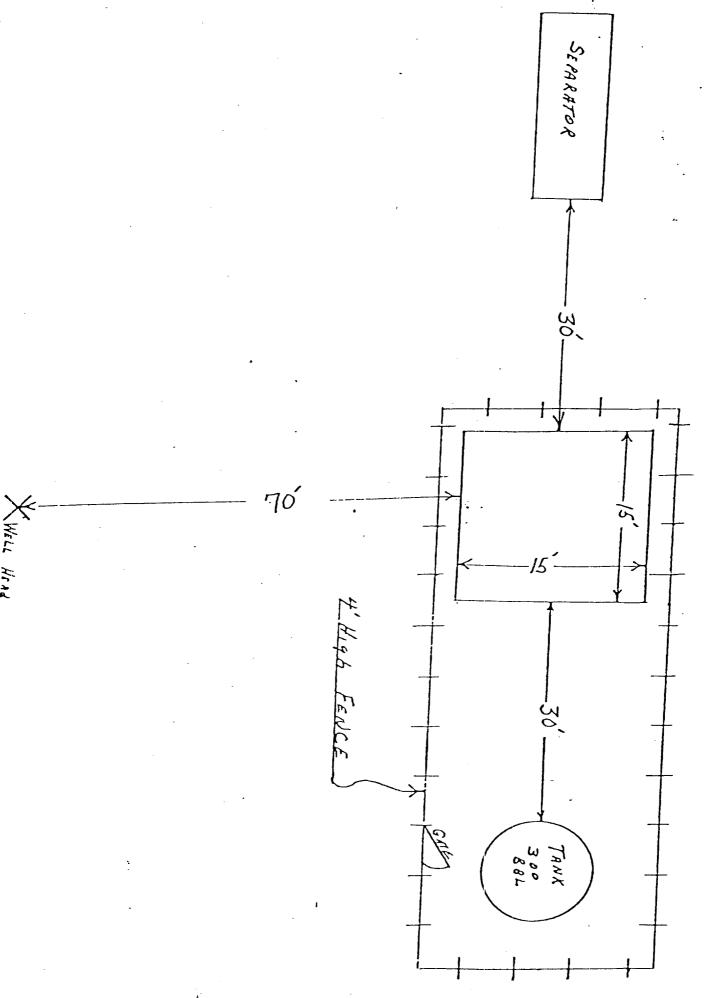


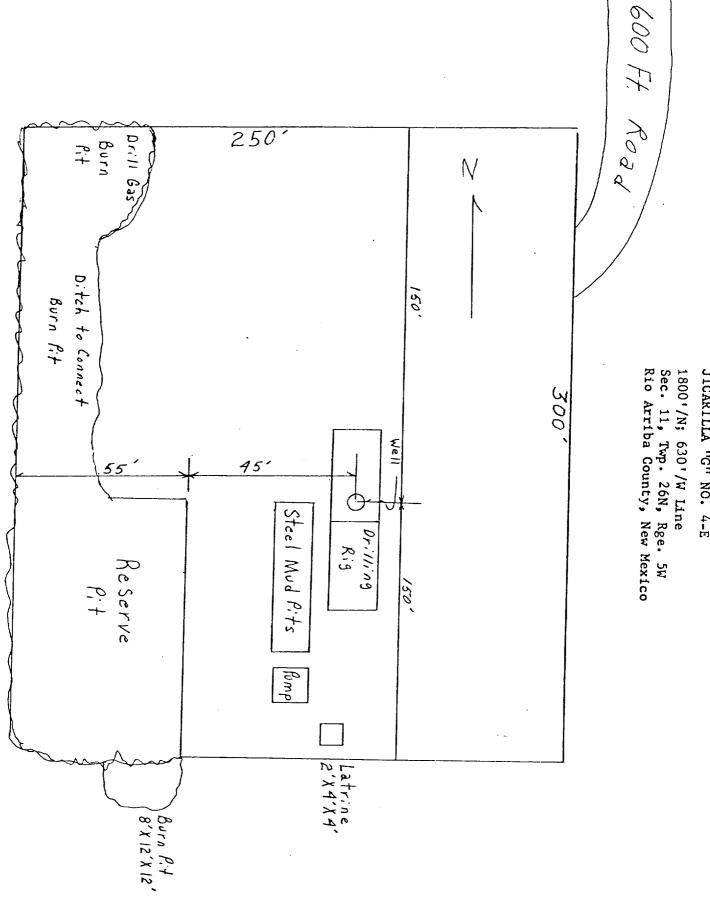
Blowout Preventer will be tested daily and prior to drilling out with the results to be logged on the drillers report.

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



BLOWOUT PREVENTER HOCKUP





JICARILLA "G" NO. 4-E

# SUPRON ENERGY CORPORATION Post Orrice Box 808 FARMINGTON, NEW MEXICO 87401

I bereby 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 preformed 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