UNITED STATES  CONTROL OF THE INTERIOR  GEOLOGICAL SURVEY	
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BA	
DRILL I DEEPEN PLUG BACK	
b. TYPE OF WELL  OIL  WELL  OTHER  SINGLE  MULTIPLE ZONE  2. NAME OF OPERATOR	S. FARM OR LEASE NAME
TENNECO OIL COMPANY	Florance 9. WELL NO.
3. ADDRESS OF OPERATOR	109
720 SOUTH COLORADO BLVD, DENVER, CO 80222	10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface	Blanco Pictured Cliff
1540' FSL and 1680' FEL	11. SEC., T., R., M., OR BLK.

See point 1B Surface Use Plan San Juan New Mexico DISTANCE FROM PROPOSED®
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig, unit line, if any) NO. OF ACRES ASSIGNED TO THIS WELL 16. NO. OF ACRES IN LEASE 160 153,10 DISTANCE FROM PROPOSED LOCATION'S
TO NEAREST WELL, DRILLING, COMPLIOR APPLIED FOR, ON THIS LEASE, FT. 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS COMPLETED, 3050' Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6254' G.L.

APPROX. DATE WORK WILL START\*
February 1, 1979 22.

Sec. 31, T30N, R8W

12. COUNTY OR PARISH | 13. STATE

3363

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	+ 200'	Sufficient to circulate to surface.
7-7/8"	5-1/2"	15.5#	+ 3050'	Cement to yield column behind casin

- 1. The geological name of the surface formation is San Jose Eccene.
- 2&3. Formation Tops (Estimated)

+ 2525' Fruitland

At proposed prod, zone

Pictured Cliffs + 2850' Possible oil/gas producer.

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

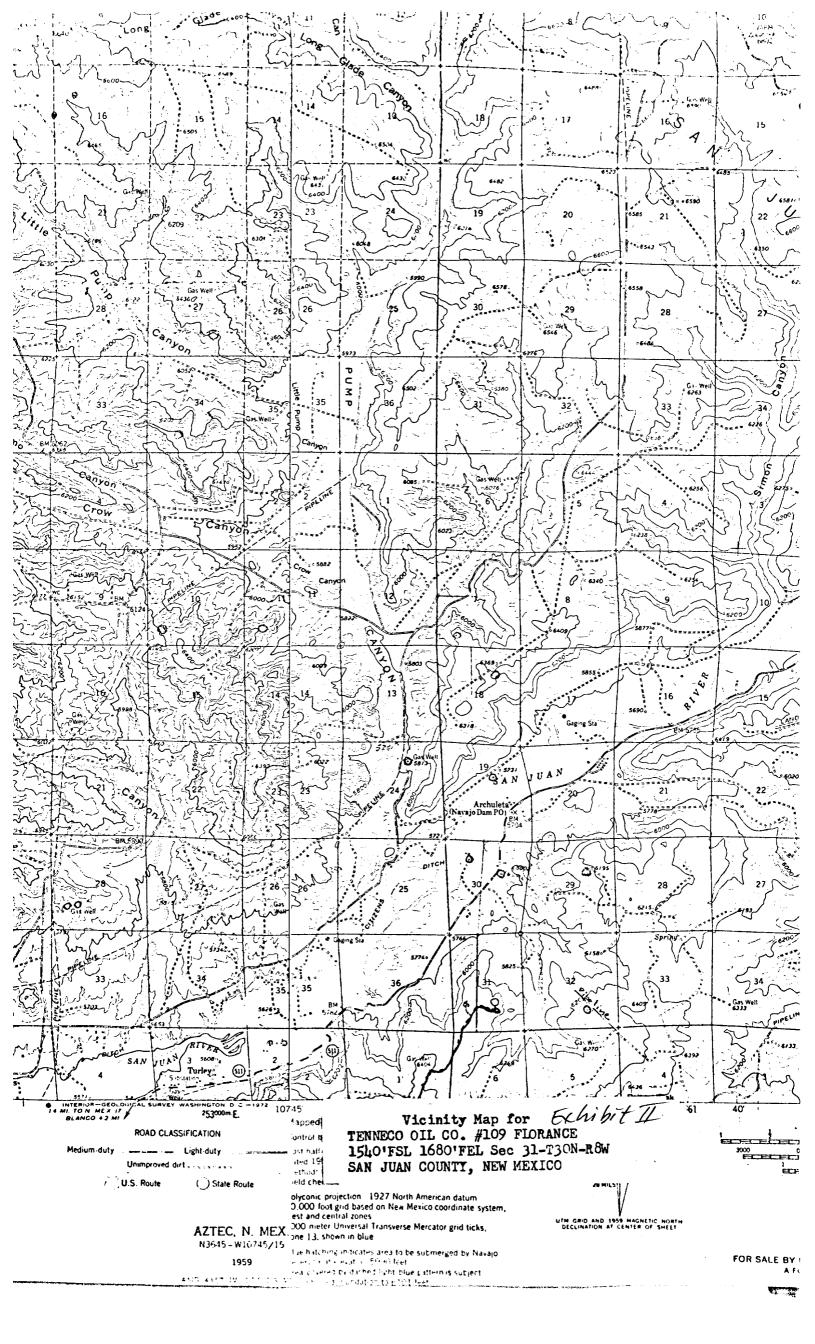
- Run 8-5/8" OD, K-55 ST&C new casing to  $\pm$  200' and circulate cement to surface. Run  $5\frac{1}{2}$ " OD, K-55 casing to 3050'. Equip with guide shoe, float collar and centralizers across zones of interest. Cement through the shoe with sufficient volume to yield a + 1000' column of cement behind the casing.
- 5. Blowout Preventors: Hydraulic, double ram 10". One set of rams will be provided for each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2" with variable choke. BOPs will be installed, tested and in working order before drilling below surface casing and shall be maintained ready for use until drilling operations are completed. BOPs, drills and tests will be recorded in the IADC Drilling Report. They shall be checked every 24 hours. All rig equipment will be tested to above BOE ratings.
- Use of spud mud 0-200'; and low solids 200' T.D.
- Auxiliary Equipment
  - a. Kelly cock will be in use at all times.
  - b. Stabbing valve to fit drill pipe will be present on floor at all times.
  - Mud monitoring will be visual, no abnormal pressures are anticipated in this area. c.
  - d. Floats at bits.
  - e. Drill string safety valve(s) to fit all pipe in the drill string will be maintained on the rig floor while drilling operations are in progress.
  - Rotating head will be used while drilling with gas.
- No coring is planned. GR/FDC/CNL/Caliper Surveys will be taken from 2000' above T.D. to T.D. SP/Induction/SN/GR taken from T.D. to surface.
- No abnormal pressures or temperatures are anticipated. See point #5 for blowout prevention equipment.
- 10. The drilling of this well will take approximately five days. The gas is not yet contracted.

JAN 18 1979



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.

SIGNED D.D. Myers TITLE_	Division Prod. Manager	DATE 1/8/79
(This space for Federal or State office use)		
A SEMIT NO.	APPROVAL DATE	



## TENNECO OIL COMPANY

