



T. 27 N.

SCALE: 1" = 2000'

DATE: 10-7-70

+++ NEW MAP

PROPOSED

NAVAJO 1-32

2150

R. 19 W.

T. 27 N.

T. 26 N.

VICINITY MAP
FOR

PETROLEUM ENERGY INC.
1140 N.W. 22ND ST
OKLAHOMA CITY,
OKLAHOMA
73116

BY: MARK FOMMELT
4043
PALMISTON, IN.
301-247-4030

20 W. 55' R. 19 W.

688

INTERIOR-GEOLOGICAL SURVEY WASHINGTON, D. C. - 1969
690000m E

36° 30'

108° 52' 30"

SAN JUAN COUNTY, NEW MEXICO

Map

Navajo 1-32
SURFACE USE PLAN

1. Shown on attached map.
2. Shown on attached map. Approximately 500' of 14' wide road will be required.
3. Shown on attached map.
4. Shown on attached map.
5. This is expected to be a dry gas well, therefore, a tank battery will not be required.
6. Water will be hauled from a well.
7. All waste material will be buried in reserve pit at time of location clean up.
8. No camps will be associated with this operation.
9. No airstrip will be built for this operation.
10. Shown on attached diagram.
11. Upon completion or abandonment of this well, the location will be cleaned and levelled, and a dry hole marker placed if applicable.
12. The location is sandy, rocky, typical for the area. Vegetation is sage brush.

7 - POINT WELL CONTROL PLAN

1. Surface casing: 13 3/8", approximately 100, new condition.
2. Casing head will be 10", 900 series, 3000 psi rating.
3. 8 5/8" at 1600 with cement to surface.
4. 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" and choke relief line will be 2" with variable choke.
5. Auxiliary equipment:
 - (1) Kelly cock will be in use at all times.
 - (2) Stabbing valve to fit drill pipe will be present on floor at all times.
 - (3) Mud monitoring will be visual, no abnormal pressures are anticipated in this area.
6. This is an area of known pressure. Maximum anticipated pressure at 6250' T.D. is 2500 psi.
7. Drilling Fluids:

0 - 550' +	Gel water with solids control to maintain good conditions.
5500" + - T.D.	Gel water with 50 sec. viscosity or greater, and 9 cc or less water loss.

RIG LAYOUT

NAVAJO 1-32

