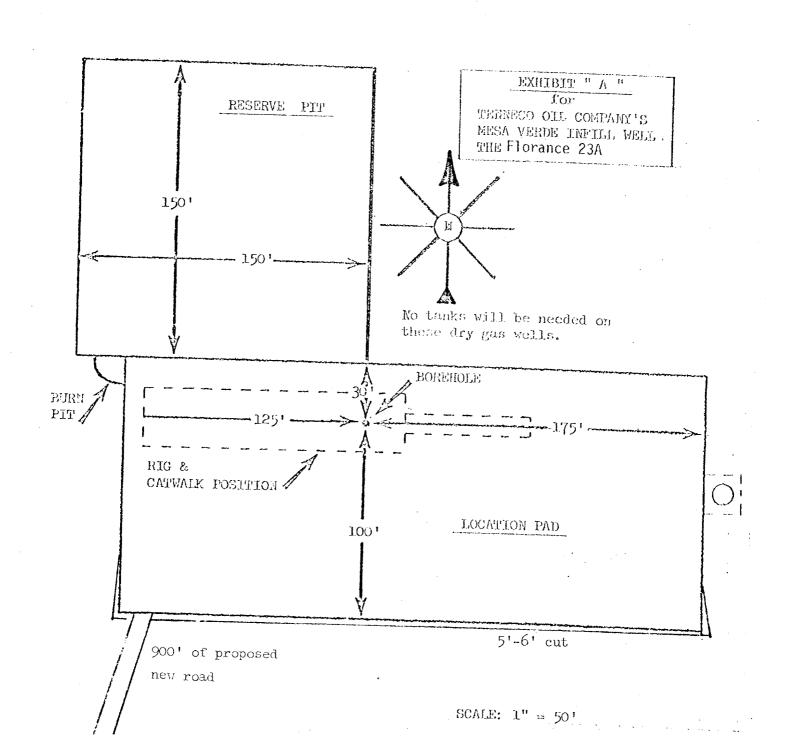
Existing Roads: See surveyors plat for actual staking. a. The well site is located approximately b. See Exhibit "B" for access roads. С. d. Not applicable. See Exhibit "B" for one mile radius road map. e. Plan to construct 900 ' of 14' wide road to well site. We will construct wate bars where necessary, and slope road through all arroyos. 2. Planned Access Roads: See Exhibit "B". a. Width=14' b. No turnouts. С. d. Drainage=Water bars will be constructed where required to prevent erosion. Road will be cut into any arroyos and sloped across the bottom to maintain norma drainage. Cuts or fills will be kept to a minimum. e. f. No gates or cattle guards are needed. Road is center line flagged. q. Location of Existing Wells. See Exhibits "B" and "C" for well locations. Location of Existing and/or Proposed Facilities.

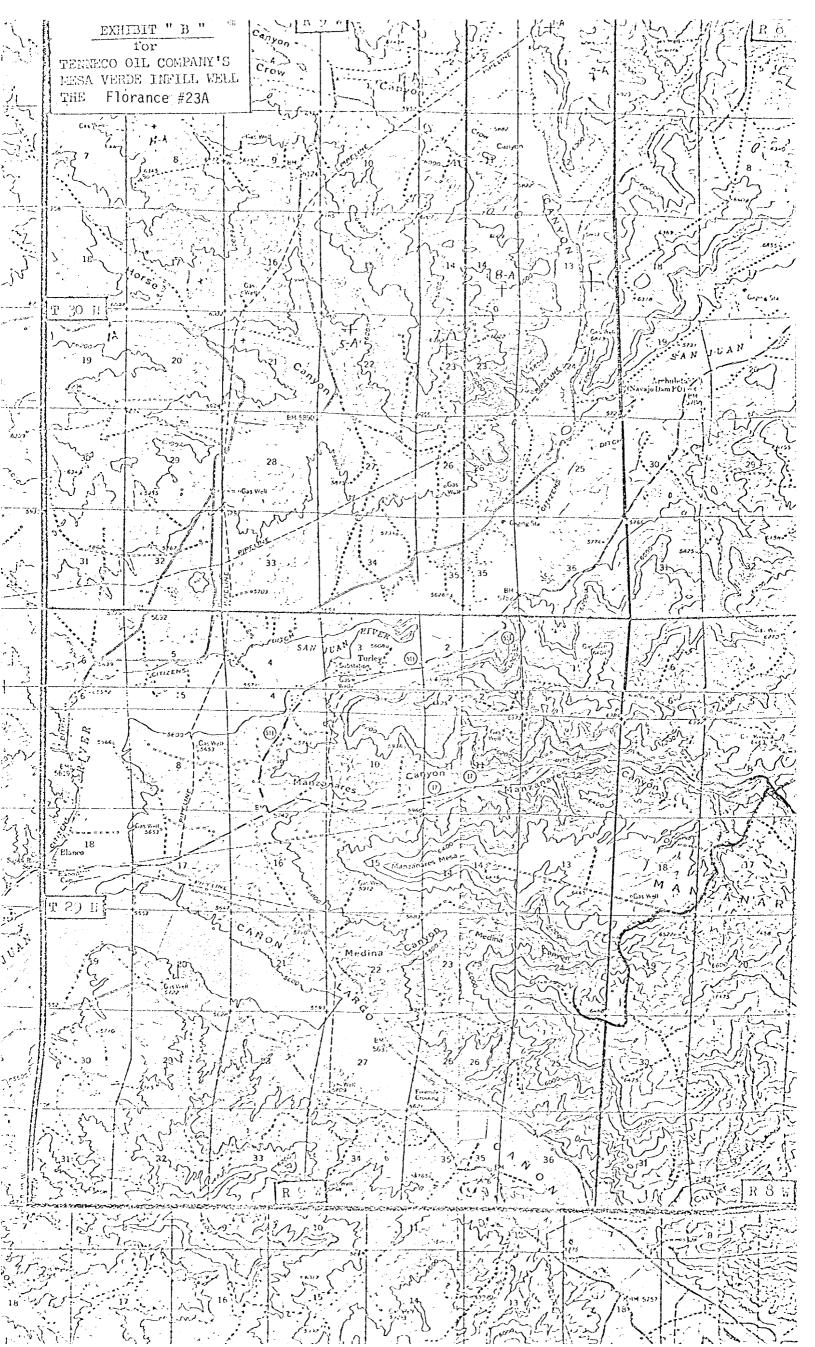
a. See Exhibit "B" and "C". Lines are buried. b. This is expected to be a dry gas well. If condensate is encountered, a 300 bbl steel tank painted green to match the surrounding area, will be set on a gravel base near the well as shown on Exhibit "A". A dirt bank will be erected around tank to contain any spills. The possible spill area will be fenced. If well is productive, pits will be backfilled, leveled and reseeded as soon as С. practical to original contours. Location and type of Water Supply Water will be hauled from the San Juan River, or El Paso water wells. Trucks will be used to haul water. b. No water well will be drilled. С. Source of Construction Materials No construction materials will be used. Surface soil will be stockpiled. We will not be getting any construction materials from Federal or Indian lands. b. С. No construction materials will be used. d. No access roads for construction materials will be needed. Methods for Handling Waste Disposal a. Cuttings will be disposed of in the reserve pit. Drilling fluids and produced water will be collected in the reserve pit and b&c hauled away to an approved disposal system or a separate disposal application will be submitted. Any produced oil will be run to the tank (see 4:8) All detrimental waste will be hauled away, burned or buried with a minimum d&e cover of 24" of dirt. After the rig moves out, See 4:C. If unproductive, a dry hole marker will be f. installed and all pits will be filled, leveled and entire location reseeded to your specifications. Roads will be leveled and reseeded. Ancillary Facilities No camps or airstrips will be needed in the drilling of this well. Well Site Layout. See Exhibit "A". a. Pits will be unlined. Plans for Restoration of Surface. 10. See 4:C and 7:A-F
BLM SEEDING REQUIREMENTS IN THE FARMINGTON RESOURCE AREA We will use seed mixture (χ , 2). A disc-type drill set for 8"-10" rows with two boxes for various seed sizes will used. The seed will drilled on the contour not less than 1" deep or more than 1" deep, followed by a drag, packer, or roller to compact and cover the seed adequately. Where slopes are to steep for contour drilling, a "cyclone" hand seeder or similar broadcast seeder will be used. Seed will then be covered by whatever means are practical. The following species in lbs. pure-live-seed per acre will used: SEED MIXTURE 1 SPECIES SEED MIXTURE 2 2-1 lbs. Smooth Brome (Bromus incrmis) 1 1b. Nomad Alfalfa (Medicago sitiva) Fourwing Saltbush (devinged) (Atriplex conescens) lb. lb. 2-1 lbs. Crested Wheatgrass (Agropyron desertorum) lbs. Sand Dropseed (Sporobolus cryptandrus) .lb. Winterfat (Eurotia lanata) 16. Alkali Sacaton (Sporobolus airoides) lb.

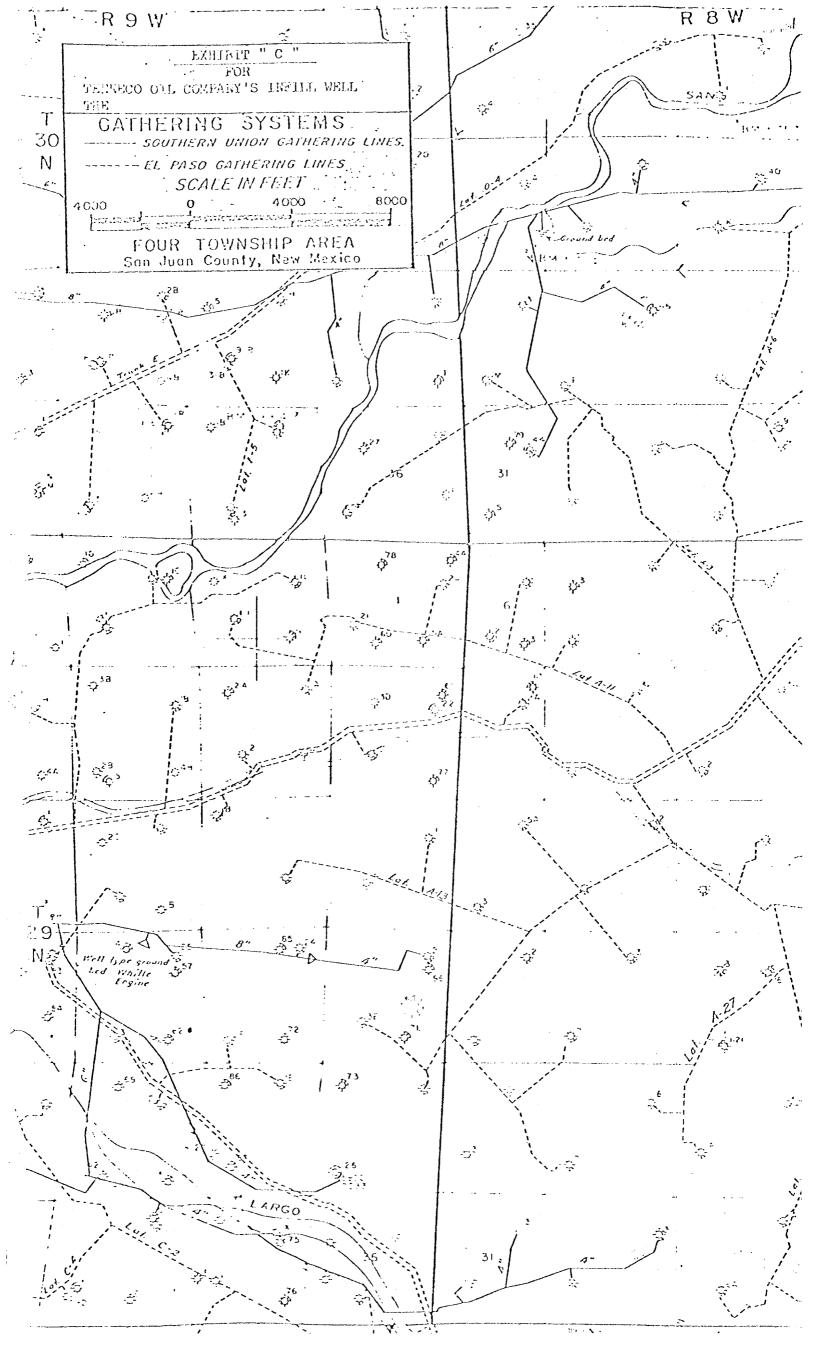
- Prior to rig release, pits will be fenced and so maintained until clean up. С. d.
- If any oil is on the pit, it will be removed or flagged.
 Rehabilitation operations will be done during the best weather conditions to promote regrowth in area. All seeding will take place between July 1 and Sept
- Other information. 11.
 - Site is located in Junipers with bentonite and sand for soil. The vegeta is predominately grass and juniper.
 - The surface is used for grazing, for wildlife. b.
 - No open water, occupied dwellings, archaeological, historical or cultural site С. will be disturbed by this location.
- 12-
- Operator's Representative.

 a. Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows: Durrell Brown, 1860 Lincoln, Suite 1200, Denver, Colorado 80295 Home=303-771-8297
- Certification. I hereby certify that I, or persons under my direct supervision, have inspected. the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and sub-contractors will conform to this plan.

2-16-77 Date Division Drilling Engineer







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DEPARTMENT OF THE INTERIOR CNITED STATES

Effective July 1, 1976, to comply with TTL-6, all operators drilling upon federally supervised lands shell provide the following information on or with Ferm y-371C, "Application for Permit to Unill, Deapen, or Plug Back:

- The geologic name of the sunface formation.
- The estimated tops of important peologic markers.
- other mineral-bearing formations are expected to be encountered The estimated depths at which anticipated water, oil, gas, or
- weight-per-foot of each string and whether new or used. The proposed casing program, including the size, grade, and
- thereof showing sizes, pressure ratings (on ΛPI series), and the testing procedures and testing frequency. control equipment which is to be used, a schematic diagram The lessee's or operator's minimum specifications for pressure
- The type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling and the quantities and types of mud and weighting material to De maintaines.
- The auxiliary equipment to be used, such as (1) kelly cocks, (2) floats at the bit, (3) monitoring equipment on the mud system, (4) a sub on the floor with a full opening valve to be stabbed into drill pipe when the kelly is not in the
- co The testing, logging, and cering programs to be followed with provision made for required flexibility.

 Any enticipated authorith pressures on temperatures expected
- ď, be encountered or potential hazards such as hydrogen sulfide gus, along with plans for mitigating such hazards.
- õ The anticipated starting date and duration of the operations

Northern Rocky Mountain Area Checksreet for HTL-6

Multipoint Requirements to Accompany APO

hoads - a legible map showing:

Proposed well site as staked. (Actual staking should include two each 200-foot directional reference stakes.)
South and distance from nearest town or locatable reference

- Access read(s) to location color-coded or labeled. soint to where well access route leaves main road.
- If development well, all existing moads within a 1-mile madius If exploratory well, all existing roads within a 3-mile radius (including type of surface, conditions, etc.).
- of well site.
- F. / Plans for improvement and/or maintenance of existing roads.

be constructed

Planned Access Roads Was showing all necessary access roads to

(1) Signated. Showing: **E333** Drainage dasign to calvents and brief description of any Textinum Smades furnouts

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unfecting muterial "costany gates, cettlequerds, or fence cuts
"costany gates, cettlequerds, or fence cuts
" staking.)

Location of Existing Wells

Two-mile radius map if explanatory, or 1-mile radius map development well, showing and identifying existing:

Nation walls

vacuationed wells

Temporarily abandoned wells Disposal wells

Drilling wells

Producing wells Shut-in wells

Monitoring or observation wells for other resources njection wells

of Existing and/or Proposed Facilities

Within 1-mile radius of Incation show the following existing facilities owned or controlled by lessee/operator:

Tank batteries

Production facilities

Oil gathering lines Sas gathering lines

Disposal lines Injection lines

(Indicate if any of the above lines are buried.)
If new facilities are contemplated, in the event of production, WOI(>

off of well pad Proposed location and attendent lines by flagging if

Dimensions of facilities

SEE Protective measures and devices to protect livestock Construction methods and materials and wildlife

Plan for rehabilitation of disturbed areas no longer needed for operations after construction completed.

Location and Type of Water Supply

<u></u>

'Show location and type of water supply either on map written description. ç

* State method of themsporting water, and show any roads or pipelines needed.

C. If water well is to be drilled on lease, so state. (No APD for water well necessary, however, unless it will penetrate potential hydrocarbon horizons.)

Source of Construction Macerials
A. Show information either on map or by written description.

Identify if from Federal or Indian land.

Describe where materials, such as sand, gravel, stone, and soil material, are to be obtained and used.

under item Show any needed access roads crossing Federal or Indian lands

for Hardling Waste Disposal

disposal of waste material, including: Describe methods and location of proposed containment

(2) Drilling fluids
(3) Produced fluids (cil, water)
(3) Sewage
(5) Sewage and other waste mate Garbage and other waste material (Trash pits should be fenced with small mush wire to preyent wind scattering

(6) Statement regarding proper cleanup of well site area trash before being burned or buried.

Ansillary Lacilities

center and airstrip center lines to be staked on the ground.) Tocation, area required, and construction methods. dentify all proposed camps and airstrips on a map as to their

A plat (not less than I" = 50') showing: Location of mud taxes, reserve, burn and trush pits, Cross sections of drill pad with cuts and fills

mandatory for such operations.) location. All necessary staking of facilities may be done at time of field inspection. A registered surveyar is not Statement as to whether pits are to be lined or unlined Rig orientation, purking areas, and access roads (Approval as used in this section nears field approval of racks, living facilities, and soil material stockpyles

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State restoration progress upon completion of operations. including.

segregation of spoils materials us needed (2). Revesetation and rehibilituition - including access roads (1) . BackFilling, leveling, contouring, and waste disposal;

[normally per BLN recommendations]

(3). Prior to rig release, pits will be fenced and so maintained until cleanup
(4) If oil on pit, remove oil or install overhead flagging
(5). Timetable for commencement and completion of reliabilitation Sublighted

Other Information

General description of: Topography, soil characteristics, geologic features, flora

(2)Other surface-use activities and surface ownership of all involved lands

Proximity of water, recupied dwellings, archeological, historical or cultural sizes

tive who is responsible for assuring compliance with the approved lessee's or openator's representative. Include the name, address and phone number of the lessee's or operator's field representasurface use and operations plan. Include the name, address,

<u>Contification.</u> The following statement is to be incorporate in the plan and must be signed by the lessee's or operator's field representative who is identified in item No. 12 of the The following statement is to be incomparated

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am familiar with the conditions as they actually exist; that the have inspected the proposed drill site and access route; that I true and correct; and that the proposed work performed by statements made in this plan are, to the best of my knowledge, hereby certify that I, or persons under my direct supervision,

to this plan. and its contractors and sub-contractors will conform

Name and Title

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