SUBMIT IN TRIPLICATE®

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

<u> 30</u>	-045-	<i>さい</i> コミタンの
5. LEASE	DESIGNATION AN	D SERIAL NO.

APRE

GEOLOGICAL SURVEY				
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☐ PLUG BA	ск 🗆	7. UNIT AGREEMENT N	AME	
SINGLE X MULTII	PLE	S. FARM OR LEASE NAM	(E	
		Gooch 9. WELL NO.		
			3	
orado 80222 with any State requirements.*)		10. FIELD AND POOL, O		
		11. SEC., T., E., M., OR I AND SURVEY OR AB	BLE.	
OST OFFICE*		12. COUNTY OR PARISH	13. STATE	
		San Juan	New Mexico	
16. NO. OF ACRES IN LEASE		HIS WELL	06.41	
19. PROPOSED DEPTH 6940	20. ROT	Rotary	-	
T & T + 4 T T		22. APPROX. DATE WO	RE WILL START	
<u> </u>	<u> </u>	September 30,	, 1979	
	PLUG BASINGLE MULTIFICATION MU	PLUG BACK PLUG BACK SINGLE X MULTIPLE CONE Prado 80222 With any State requirements.*) DIAGONAL TO	DEEPEN, OR PLUG BACK PLUG BACK 7. UNIT AGREEMENT N SINGLE ZONE SINGLE ZONE B. FARM OR LEASE NAI GOOCH 9. WELL NO. 10. FIELD AND POOL, OR AND SURVEY OR AR SEC. 32, T28N, OST OFFICE 15. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL 19. PROPOSED DEPTH 6940 CONTACT OR CABLE TOOLS ROTARY 22. APPROX. DATE WO	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER POOT	SETTING DEPTH	QUANTITY OF CEMENT	
13 3/4 "	9.5/8"	36#	250+	250SX CL B W/ 2% CA CL2	
8 3/4"	7"	23#	3500+	Suff. to circulate to surface	
6 1/4"	4 1/2"	10.5#	6940'	Suff. to circulate to linear	

The geological name of the surface formation is Tertiary San Jose.

2&3. ESTIMATED FORMATION TOPS:

Lewis Shale 2415 Pictured Cliffs Point Lookout 4563 4042 Cliffhouse Gallup Mancos 4842 5812 Greenhorn 5875 Dakota A 6678

- Run 9 5/8" 36# K-55 ST & c csg to 250+ and circulate cement to surface. Drill 8 3/4" hole to 3500; Run 7" 23#, K-55 ST&C casign to 3500, Cement with sufficient volume to circulate to surface. Drill out 7" with 6 1/4" bit using gas as a circulating fluid. Drill to T.D. If productive, run 4 1/2" 10.5#, K-55, ST&C casing to 6940. Cement with sufficient volume to circulate coment to liner top at 3200+.
- 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 test will be recorded in th IADC Drilling Report. They shall be checked every 24 hours. All rig equipment will be tested to above BOE ratings.

0-250' Native solids w/sufficient viscosity to clean hole and run casing 250-3500' Low solids, Gel chemical

3500' to T.D. Gas

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 this area.

Floats at bits.

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 cores or DST's are anticipated. 10' samples from 3000 to 3500. GRI Induction from T.D. to intermediate casing. GR/FDC/Caliper from T.D. to base of Mesa Verde.

No abnormal pressures or temperatures are anticipated. See point #5 for blowout prevention equipment.

The drilling of this well will take approximately 10 days. The gas has not yet 10. contracted.

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.

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.

BIGNED _	masing	1 - fry	TITLE _	Div. Production Manager	_ DATE	9-20-79
(This s	pace for Federal or State of	ffice use)				
PERMIT >	10	ih Sruh	NMO	APPROVAL DATE		

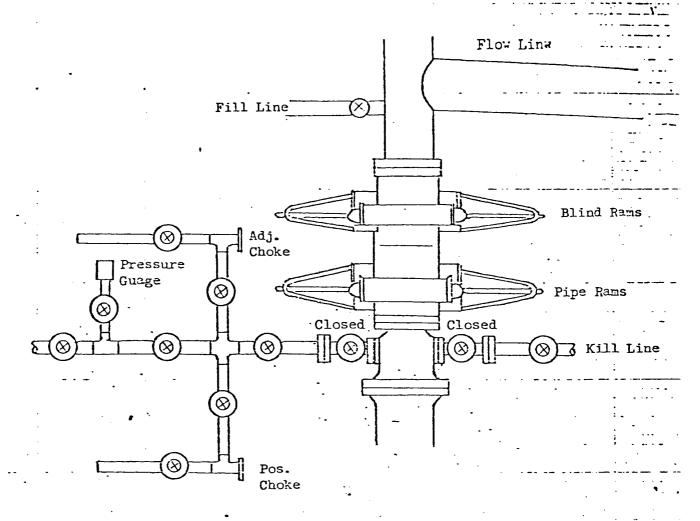
Form C-102 Supersedes C-128

Effective 14-65

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

TENNECO OIL COMPANY Discretion of walls Section Township Range Section Township Range Section Township Range Set San Juan Desicated Anteriors Desicat	Operator			Lease		Weil No.		
Actions Footone Location of Wells 990 Issas from the North Itos and 1850 Feet from the East Inc Grownel Lysel Cive. Producing Formation SOSO Dakotta 1. Outline the acreage dedicated to the subject well by colored pencil or hackure marks on the plat helow. 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 in necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-d-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. Sec. CONNOCO 3. TENNECO USA SF 080112 1 harshy certify that the information complete to the bear of my howeledge and ballst. Name Position Formation and the same is true and correct on the bear of my law and	TENNECO OI	L COMPANY		* 		3 —		
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All valves 2"

All BOPs, flanges, spools, valves, & lines must be series 900 or 3000 psi working press.

Choke manifold must be at ground level and extended out from under substructure.

TENNECO OIL COMPANY

REQUIRED MINIMUM BLOWOUT PREVENTOR

HOOKUP

Denver, Colorado

Existing Roads

- A. Proposed Well Site Location: The proposed well site location was surveyed and staked by a registered land surveyor and is located 990' from the north line and 1850' from the east line, Section 32, T28N, R8W, San Juan County, New Mexico. (See Exhibit I Surveyor's Plat.)
- Planned Access Route: The planned access route begins in Blanco New Mexico and goes east for approximately 1.5 miles to the junction of a dirt road which turns to the SE. Take this road and continue on it for approximately 5 miles crossing Largo Canyon 5-Mile crossing and continuing for an additional (See page 1-A attached, hereto and made a part hereof.)

 C. Access Road Labelled:

Color Code: Red - Improved Surface
Blue - New Access Road

- D. Not applicable the proposed well is a development well.
- E. The proposed well is a development well. See Exhibit II for existing roads within a one mile radius.
- F. Existing Road Maintenance or Improvement Plan:
 The existing roads will require minimal maintenance.

Planned Access Roads

(All roads are existing roads.)

- A. Width:
 The average width of the road is twelve feet.
- B. Maximum Grades: The maximum grade on the proposed road will be approximately 10%.
- C. Turnouts:
 There are no turnouts planned as sight distance is sufficient.
- D. Drainage Design:
 The road is center crowned to allow drainage. The road is flat primarily.
- E. Culverts Use Major Cuts and Fills: No culverts will be needed in building this road. Some cuts and fills will be required to build the road into the location.
- F. Surfacing Material:
 Native soil has been wetted, bladed and compacted to make the road surface, which is existing.

GOOCH 3 Page 1-A

1. Existing Roads
Planned Access Route:

approximately 8 miles to the junction of a dirt road which goes to the SW. Turn on this dirt road and go approximately ½ mile. This will begin the new access road to the proposed well site location. (See Exhibit II.)

2. Planned Access Roads (Cont'd)

- G. Gates, Cattleguards, Fence Cuts:
 No gates, cattleguards or fences will be needed.
- H. New Rodds Centerlined Flagged: Existing Roads.

3. Location of Existing Wells

The proposed well is a development well. Exhibit IIIshows existing wells within a one mile radius.

- A. Water Wells: None
- B. Abandoned Wells: None.
- C. Temporarily Abandoned Wells: None
- D. Disposal Wells: None
- E. Drilling Wells: Exhibit III
- F. Producing Wells: See Exhibit III
- G. Shut-In Wells: None
- H. Injection Wells: None
- Monitoring or Observation Wells: None.

4. Location of Existing and/or Proposed Facilities

A. Existing facilities within one mile owned or controlled by Lessee/Operator:

- (1) Tank batteries N/A
 (2) Production facilities Exhibit III
- (3) Oil Gathering Lines N/A(4) Gas Gathering Lines - N/A
- (5) Injection Lines -/ N/A
- (6) Disposal Lines N/A
- B. New facilities in the event of production:
 - (1) New facilities will be within the dimensions of the drill pad.
 - (2) Dimensions are shown on Exhibit IV.
 - (3) Construction Materials/Methods:
 Construction materials will be native to the site.
 Facilities will consist of a well pad-
 - (4) Protection of Wildlife/Livestock: New facilities will be fenced as needed to protect livestock or wildlife.

Location of Existing and/or Proposed Facilities (Cont'd)

- B. New facilities in the event of production: (cont'd)
 - (5) New facilities will consist of a wellhead, tank, and a production unit.
- C. Rehabilitation of Disturbed Areas:
 Following the completion of construction, those areas required for continued production will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with surrounding topography per BLM recommendations.

5. Location and Type of Water Supply

- A. Location and type of water supply:
 Water will be hauled from a private source.
- B. Water Transportation System: Water trucks will be used.
- C. Water wells: N/A:

6. Source of Construction Materials

- A. Materials:
 Construction materials will consist of soil native to the site. Any topsoil, if present, will be stripped and stockpiled as needed.
- B. Land Ownership;
 The planned site and access road is on federal land administered by the Bureau of Land Management.
- C. Materials Foreign to the Site: N/A.
- D. Access Roads: No additional roads will be required.

7. Methods for Handling Waste Disposal

- A. Cuttings: Cuttings will be contained in the reserve pit.
- B. Drilling Fluids: Drilling fluids will be retained in the reserve pit.
- C. Produced Fluids:
 Produced fluids, including produced water will be collected in the reserve pit. Any small amount of hydrocarbon that may be produced during testing will be retained in the reserve pit. Prior to clean up operations, the hydrocarbon material will be skimmed.

7. Methods for Handling Waste Disposal (Cont'd)

- D. Sewage:
 Sanitary facilities for sewage disposal will consist of at least one pit toilet, during the driller operations.
 The pit will be backfilled immediately following completion of the drilling operation.
- E. Garbage:
 There probably will not be much putriscible garbage to dispose of. However, it will be disposed of along with the refuse in a constructed burn pit, which will be fenced. The small amount of refuse will be burned and the pit will be covered with a minimum 36 inch cover upon completion.
- F. Clean-Up of Well Site:
 Upon the release of the drilling rig, the surface of the drilling pad will be prepared to accommodate a completion rig, if testing indicates potential productive zones. In either case, the "mouse hole" and "rat hole" will be covered to eliminate a potential hazard to livestock. The reserve pit will be fenced to prevent entry of livestock until the pit is backfilled. Reasonable clean up will be performed prior to final restoration of the site.

8. Ancillary Facilities

None required.

9. Well Site Layout

- A. See Exhibit IV.
- B. Location of pits, etc. See Exhibit IV.
- C. Rig orientation etc. See Exhibit IV.
- D. Lining of pits: Pits will not be lined. They will be covered with a fine mesh netting, if necessary, for the protection of wildlife if fluids are found to be toxic.

10. Plans for Restoration of Surface

A. Reserve pit clean up:
The pit will be fenced prior to rig release and shall be
maintained until clean up. Prior to backfilling any hydrocarbon material on the pit surface will be removed. The
fluids and solids contained in the pit shall be backfilled
with soil excavated from the site and with soil adjacent to
the reserve pit. The restored surface of the reserve pit will
be contoured as needed to minimize erosion. The reserve pit
area will be seeded per BLM recommendations during the
appropriate season following final restoration of the site.

10. Plans for Restoration of Surface (Cont'd)

- B. Restoration Plans Production Developed:
 The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography, and seeded, per BLM recommendations. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following depletion and abandonment of the site, restoration procedures will be those under Item C. below.
- C. Restoration Plan No Production Developed:
 The reserve pit will be restored as described above. With
 no production developed, the entire surface disturbed by
 construction of the drilling pad will be restored. The site
 will be contoured to blend with the surrounding topography.
 The site will be seeded according to BLM recommendations. If
 the new access road is not required for other development
 plans, it will be obliterated and restored and seeded per
 BLM recommendations.
- D. Rehabilitation Time Table:
 Upon completion of operations the intial clean up of the well site will be performed. Final restoration of the site will be performed as soon as possible according to procedural guidelines published by the USGS and BLM. Seeding of the disturbed areas which are no longer required will be performed during the appropriate season, following final restoration.

11. Other Information

- A. Surface Description: The surface description of the proposed site where the actual well is located is relatively flat, however, there will be an approximate 40' cut on the SW corner of the location and a 12' fill in the SE corner of the location. There are numerous rocks throughout the location. There are also (See pages-A, attached hereto.)
- B. Surface Use Activities:

 The surface is federally owned and managed by the BLM. The predominant surface use is mineral exploration and production.
- C. Proximity of Water, Dwellings and Historical Sites:
 - Water:

There are no reservoirs or streams in the immediate area.

Occupied Dwellings:

There are no occupied dwellings or buildings in the area.

3. Sites:

An archeological reconnissance has been performed for this location and clearance has been granted. GOOCH 3 Page 5-A

11. Other Information

A. Surface Description: some cedar trees throughout.

12. Operator's Field Representative

Donald S. Barnes
Division Drilling Engineer
Tenneco Oil Company
720 South Colorado Blvd.
Penthouse
Denver, CO 80222
(303) 758-7130 Ext. 212

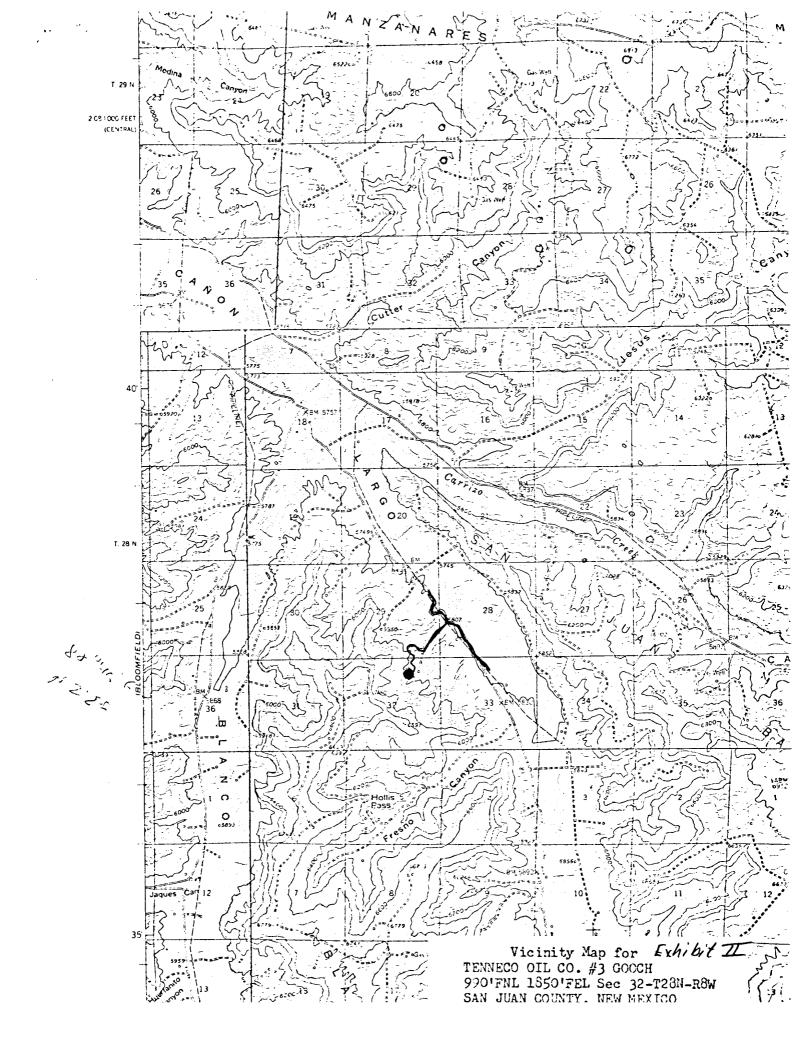
13. Certification

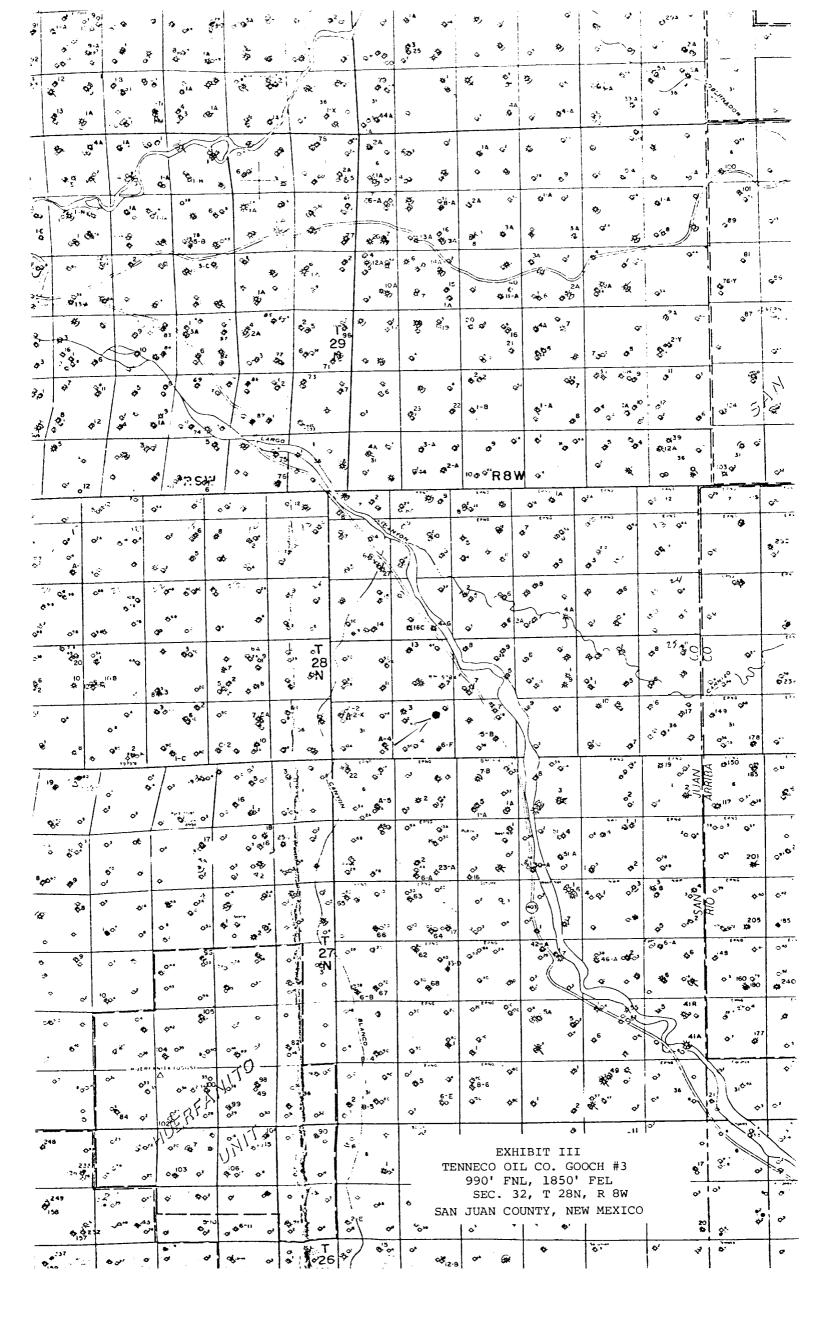
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work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

Date: 4-20-79

J. M. Lacey

Division Production Manager





TENNECO OIL COMPANY

CALCULATION SHEET

