#### SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

Form	approved		
Budget	Bureau	No.	42-R1425

(May 1999)	UNITE DEPARTMENT	D STATES			reverse sid		5. LEASE DESIGNAT	ON AND SERIAL	a No.
		ICAL SURVE					SF-077	7329	
APPLICATION	FOR PERMIT TO	D DRILL, D	EEPEN	, OR P	LUG BA	4CK	6. IF INDIAN, ALLO	TTEE OR TRIBE >	IAME
	LL 🖾	DEEPEN [		PLU	JG BAC	K 🗆	7. UNIT AGREEMEN	T NAME	
b. TYPE OF WELL  OIL GA WELL W  2. NAME OF OPERATOR	S OTHER		SINGL	E _X	MULTIPLI ZONE	F []	8, farm or lease MARTIN (	SAS COM "	F 11
	MOCO PRODUCTION	COMPANY					9. WELL NO.		
LABORESS OF OPERATOR								I E	
	1 Airport Drive,						10, FIELD AND POO		
• • · · · · · · · · · · · · · · · · · ·	eport location clearly and is			e requireme	nts.*)		Basin Da		
) 910'·	FSL and I520' FW	L, Section	14				11. SEC., T., R., M., AND SURVEY O		
Ht proposed prod. zon	t.							4 Section	
14 DISTANCE IN MILES	Same NEARE NO DIRECTION FROM NEARE	ST TOWN OR POST	OFFICE*				T27N,	RISH   13. STAT	6
				ico			San Juan	n Mew I	<u>Mexi</u> co
ID. DISTANCE FROM PROPE	Southeast_of_BLo		16. No. 01	F ACRES IN	LEASE	17. No. o	OF ACRES ASSIGNED	T HAN-	MOXICO
PROPERTY OF LEASE L (Also to nearest drig	ANE, FT.	910'		2560		10 1.	320		
18. DISTANCE FROM PROP TO NEAREST WELL, D	ORD LOCATION*		19. PROPO	SED DEPTH		20. ROTA	RY OR CABLE TOOLS		
OR APPLIED FOR, ON TH	is lease, et. 2	550 <b>'</b>	6	958 <b>′</b>			Rotary		
21. ELEVATIONS (Show who	ether DF, RT, GR, etc.)						22, APPROX. PAT		
6418' GL							As soon	as permit	<u>ted</u>
23.	PR	OPOSED CASIN	IG AND C	EMENTING	PROGRA	M			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	or	SETTING D	ертн		QUANTITY OF C	EMENT	
12-1/4"	8-5/8" (New)	24.0#	K-5	300'			x Class B 🗴		
7-7/8"	4-1/2" (New)	10.5#	K-55	6958			tage- 410 s		
					1	2nd S	tage- 980 s		
		:-(:11 D	: -:	a+aal	' !!!a				ug/sx,.8% 100 sx Cl
this applicat	ion to drill an Order No. R-1670-	Intlil Bas	ili Dak i by ±b	TON BLO. JOOMN ≃	11 15 ) on				(Tail in)
	rder No. R-1070- This well will						·	Circ	CIGIT III)
of the Natura	al Gas Policy Act	under Ord	der No.	R-1670	)-V.			0110	
C. IIIS HOLDIS	., 535 . 5								

The gas from this well is dedicated to El Paso Natural Gas Co.

> e in the live .; <sub>4.2</sub>3.

DV Tool set at 4750'.

in above above becomes econosus program: If proposal one. If proposal is to drill or deepen directionally, giv oreventer program, if any.	is to deepen or e pertinent data	play back, give data on present productive on subsufface locations and measured and	zone and proposed new productive true vertical depths. Give blowout
Original Gloved By Stones	TITLE	District Engineer	PATE _November 12, 1980
(File Separator Federal or State office (Iso) APPROVED SERVICES AS AMENDED		APPROVAL DATE	
DEC 1.5 1980  COUNTRIES OF STATES F. SIMS  DISTRICT ENGINEER	TITLE		DATE
23~		•	

# OIL CONSERVATION DIVISION

### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

## P. O. UOX 2088 SANTA FE, NEW MEXICO 87501

Form C-107 keyised 10-1-78

FORM 24-11

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

Cperator			Lease		Well No.
AMOCO PRODUCTION COMPANY		MARTIN GAS C	1E		
	tion .	Township	Range	County	1
	14	27N	10N	San Juan	
Actual Footage Location		1+h	1520 fe	et from the West	
910 fee Ground Level Elev:	Producing For		±520 ie	et from the WEST	line Dedicated Acreage:
6418	Dakota		Basin Dakota		320 Acres
2. If more than	<ol> <li>Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</li> <li>If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).</li> </ol>				
dated by comm	nunitization, u	ifferent ownership is on itization, force-poolins	ng. etc?		f all owners been consoli-
this form if ne No allowable v	'no,' list the cessary.)	owners and tract desc	riptions which have	actually been consolid	nmunitization, unitization, approved by the Commis-
·	 	Amoco V 50 %	VI	Name  W. L.  Position  Distr  Company	certify that the information conerein is true and complete to the my knowledge and belief.  Peterson  ict Engineer  Production Company
		in		shown o notes of under m is true knowled	y certify that the well location in this plat was plotted from field if actual surveys made by me or y supervision, and that the same and correct to the best of my lige and belief.
1520!	9 016 Sca	le: l"=1000'	       	Septing Registered and # Lag Fred Certificate 3950	B. Kert Jr.

# SUPPLEMENTAL INFORMATION TO FORM 9-331C MARTIN GAS COM "F" NO. IE 910' FSL & 1520' FWL, SECTION 14-T27N-RIOW SAN JUAN COUNTY, NEW MEXICO

The geologic name of the surface formation is the

Estimated tops of important geologic markers and potential water, oil, or gas bearing formations:

FORMATION	DEPTH	ELEVATION
Ojo Alamo	1173 *	+5258 <b>'</b>
Kirtland	1475 '	+4956
Fruitland	2050 '	+4381 '
Pictured Cliffs	2277 <sup>†</sup>	+4154
Chacra (if present)	3369 '	+3062
Mesaverde Cliff House Point Lookout	3795 ' 4480 '	+2636 + +1951 <b>'</b>
Gallup	5804 <b>'</b>	+ 627 '
Dakota	6679 '	- 248 <b>'</b>
TD	6958 1	<b>- 527</b>

Estimated	KB	elevation:	6431 •

Drilling fluid to TD will be a fresh water, low solids non-dispersed mud system. Open hole logging program will include logs from TD to below surface casing:

SP-Dual Induction-GR

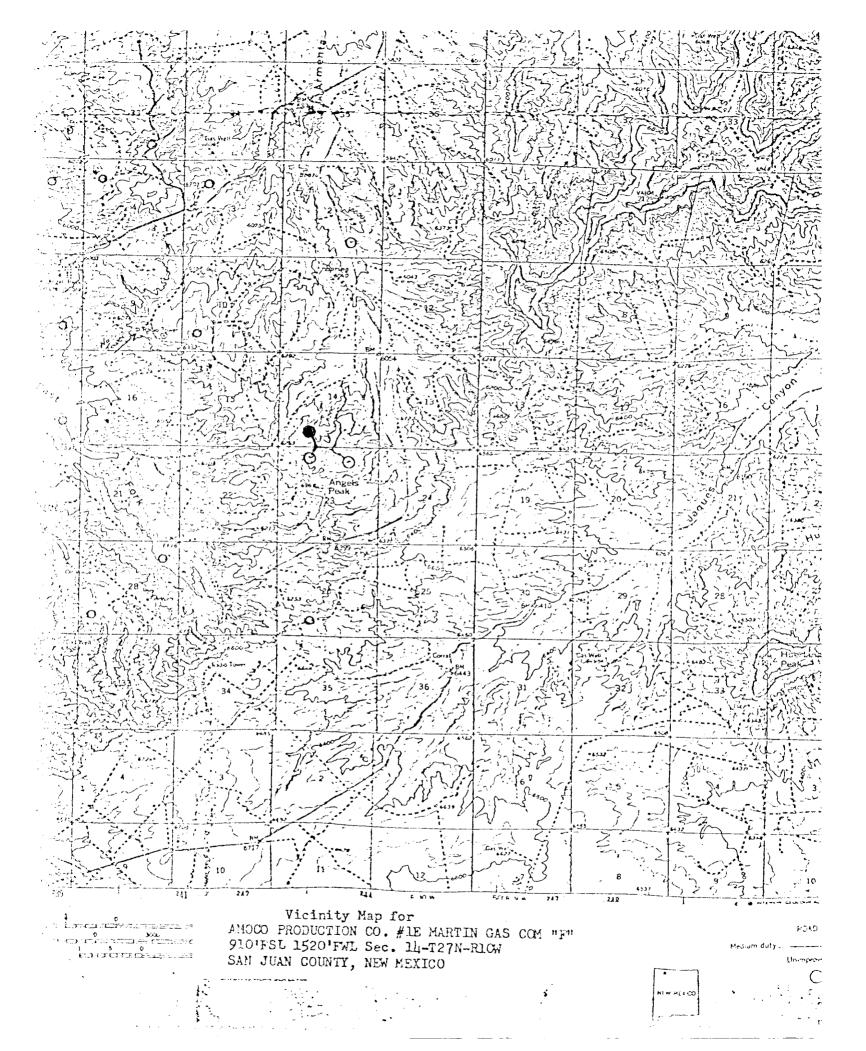
FDC-CNL-GR

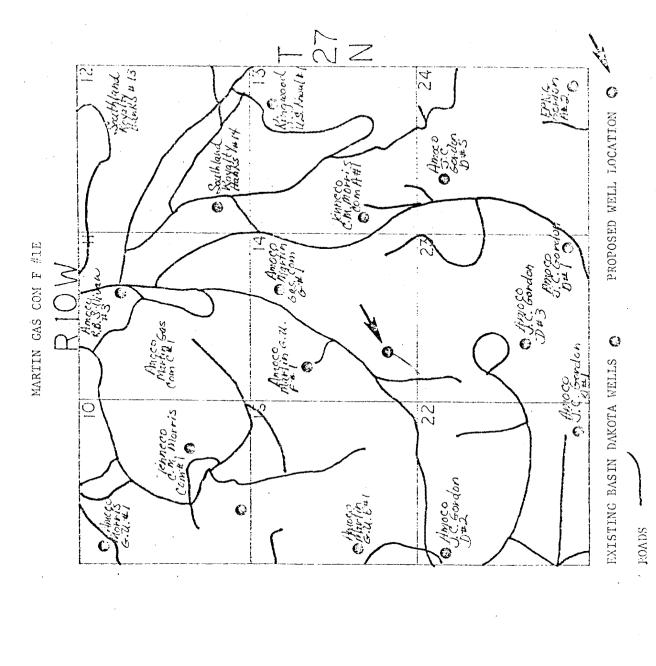
Completion design will be based on these logs. No cores or drill stem tests will be taken.

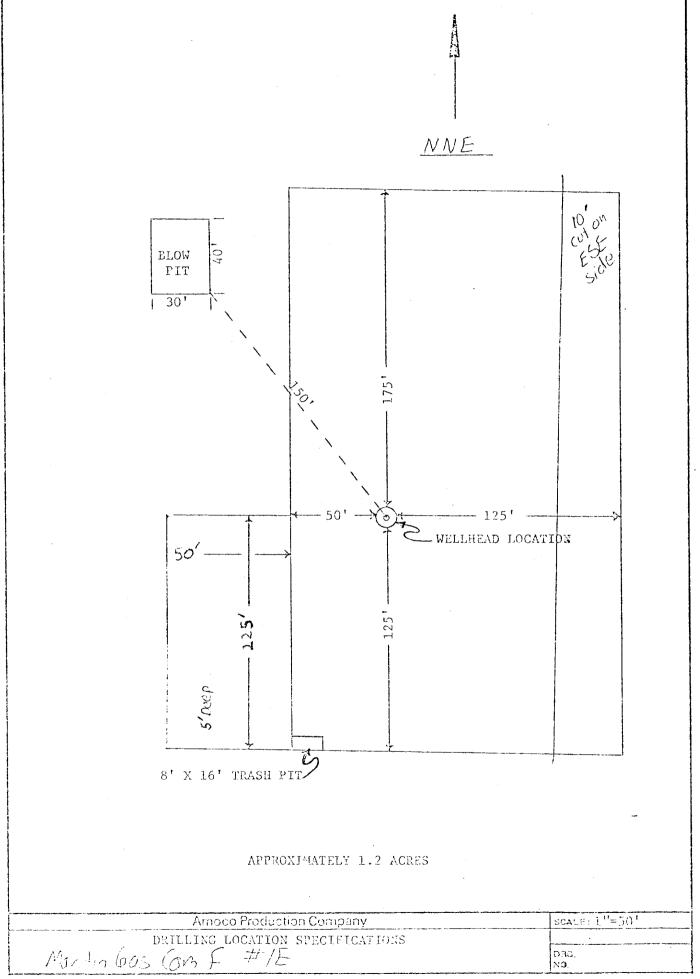
Operations will commonce when permitted and last approximately  $\frac{3}{2}$  weeks.

Associa standard blowout prevention will be employed (see attached drawing).

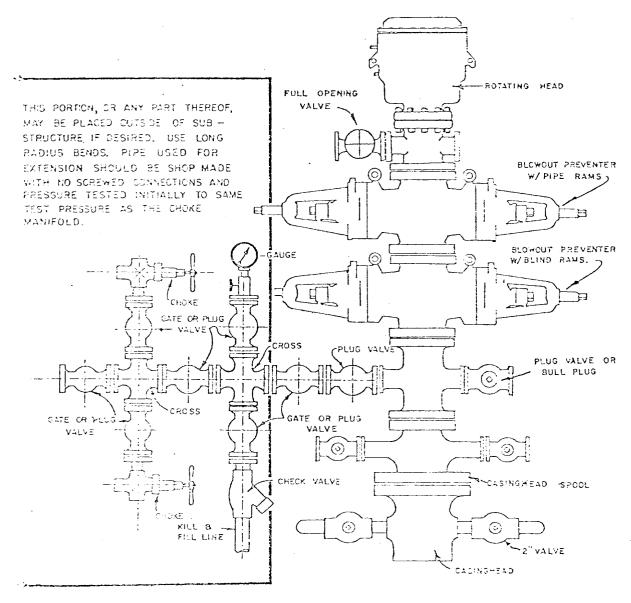
In the past, drilling in this area has shown that no abnormal pressures, there catures, nor hydrogen sulfide gas will be encountered.







- 1. Blowout Preventers and Master Valve to be fluid operated, and all fittings must be in good condition.
- 2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
- 3. Nipple above Blowout Preventer shall be same size or larger than BOP being drilled through.
- 4. All fittings to be flanged.
- 5. Omsco or comparable safety valve must be available on rig floor at all times with proper connection or sub. The I.D. of safety valve should be as great as I.D. of tool joints of drill pipe, or at least as great as I.D. of drill collars.



# BLOWOUT PREVENTER HOOKUP

API Series #\_\_\_900

EXHIBIT D-4

OCTOBER 16,1969

Operation of BOP by closing both pipe and blind rats will be tested each trip or, on here bit tuns, pipe rams will be closed once each 24 hours.

#### MULTI-POINT SURFACE USE PLAN

MARTIN GAS COM "F" NO. 1E 910' FSL & 1520' FWL, Section 14, T27N, R10W San Juan County, New Mexico

- 1. The attached topographic map shows the proposed route to the location.
- It will be necessary to build an access road approximately 2000' in length, and 20' wide.
- 3. Existing oil and gas wells within a one-mile radius of our proposed well have been spotted on the lease road map.
- 4. There is a 380-barrel tank and facilities located at Morris Gas Com  $^{\circ}$ C $^{\circ}$ No. 1 (K-26-29-10)
- 5. Water will be hauled from the San Juan River.
- 6. No construction materials will be hauled in for this location.
- 7. A 125' by 125' pit will be built on location to Hold all drilling waste. Upon completion of the well, pit will be fenced and waste and liquids left to dry, then pit will be filled and leveled. If any liquids remain, they will be hauled away prior to back filling.
- 8. There are neither airstrips nor camps in the vicinity.
- 9. The well site layout, reserve, burn and trash pits are shown on the attached Drill Site Specification Sheet. A 10 foot cut will be made on the east-southeast side.
- 10. Restoration of the surface will be accomplished by cleaning up and leveling upon completion of the well. Reseeding of the site will be carried out as instructed by the Bureau of Land Management.
- 11. The general topography is an uneven terrain with a sandy loam soil. Vegetation consists of sage and native grasses.

Representatives of the U.S. Geological Survey's Farmington Office and the Bureau of Land Management inspected the site with Amoco Personnel. Cultural resources inspection was conducted by an archaeologist from San Juan College.

12. Operator's Representative: R. W. Schroeder
Phone: Office: 505-325-3841; Home: 505-325-6164
Address: 501 Airport Drive, Farmington, NM 87401

Constitution: I hereby certify that I, or persons under my direct supervision, may loss and the proposed drillsite and access noute, that I am familiar with the antitions which presently exist; that the statements made in this plan are, to the two of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by AMOCO PROPECTION COMPANY and it contractors and sub-contractors in conformity with this plan and the took and conditions under which it is approved.

). 1 t	11/12/80	RUSANKE JP
		R. W. Schroeder, District Superintenden