SUBMIT IN TRIPLICATE*

Form approved. Budget Bureau No. 42-R1425.

(Other instructions on reverse side)

30-039-22236
5. Lease designation and serial no.

UNITED STATES DEPARTMENT OF THE INTERIOR

*	SF 079192							
APPLICATION	V FOR PERMIT	TO DRILL, D	DEEPEN, OR	PLUG B	ACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
1a. TYPE OF WORK DR	ÎLL 🖸	DEEPEN [P	LUG BA	CK 🗆	7. UNIT AGREEMENT NAME		
OII C	AS OTHER		SINGLE ZONE	MULTIP Zone	r. 🔀	San Juan 28-6 Unit 8. FARM OR LEASE NAME		
2. NAME OF OPERATOR El Paso Nat	tural Gas Com	npany				San Juan 28-6 Unit 9. WELL NO.		
3. ADDRESS OF OPERATOR PO Box 289	, Farmington,	NM 8740				10A (PM) 18 "BTANCO"PC "EXET		
4. LOCATION OF WELL (R At surface	960'S, 194		Blanco Mesa Verde 11. SEC., T., B., M., OB BLK. AND SURVEY OR AREA					
At proposed prod. zon	-	Sec.25,T-28-N,R-6-W NMPM						
	and direction from NEA					12. COUNTY OR PARISH 13. STATE Rio Arriba NM		
15. DISTANCE FROM PROPLOCATION TO NEARES PROPE TY OR LEASE (Also to nearest dr)	OSED* T Line, FT.	910'	16. NO. OF ACRES	in lease nit		FACRES ASSIGNED IIS WELL 60		
18. DISTANCE FROM PROF TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,	2000'	1			otary		
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)					22. APPROX. DATE WORK WILL START*		
23.	1	PROPOSED CASIN	G AND CEMENTI	NG PROGRA	M			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	OOT SETTIN	G DEPTH		QUANTITY OF CEMENT		
13 3/4"	9 5/8"	36.0#	:	200'		u.ft. to circulate		
8 3/4"	7"	20-0#		700'		u.ft.to cover Ojo Ala		
6 1/4"	4 1/2"line	r 10.5#	3550-	-5975 '	423 c	u.ft.to circ.liner		

Selectively perforate and sandwater fracture the Pictured Cliffs and Mesa Verde formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The E/2 of Section 25 is dedicated to this well.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed propose

preventer program, it any.		
signed D. Guisco	TITLE Drilling	g Clerk DATE 10-18-79
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	1101 3 1979
APPROVED BY	TITLE	DATE
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*See Instructions On Reverse Side

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. HOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102 keyised 10-1-78

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

Operator				Lease		····			Well No.	
EL PASO NATURAL GAS COMPANY				SAN	JUAN	28-6	UNIT (S	SF-080505)	10A	
Unit Letter	Secti	on	Township		Rone			County		
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Actual Footage Loca	ation o		I					1		
910	feet	from the Sol	uth	line and	1040)	4	• (- 1) -	East	. –
Ground Level Elev.		Producing Form	ngtion\/ESA	VERDE	Pool			t from the SA VERI		line Dedicated Acreage:
6539			RED CLIF			ANCO	PTCTH	BED CIT	FFS EXT.	160 0 0 200 0
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1. Outline the	e acı	eage dedicat	ted to the	subject we	ll by co	lored p	encil o	r hachure	marks on the	e plat below.
interest an	 Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consoli- 									
xdated by co	ommu	nitization, u	nitization,	, force-pooli	ng. etc?				ization	all owners been consoli-
Yes		No If an	swer is "	yes," type o	f consoli	idation		·		
••				_						
If answer is this form if	s "n nece	o,' list the o	wners an	d tract desci	riptions	which	have ac	tually be	en consolidat	ted. (Use reverse side of
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forced-nooli	in <i>o c</i>	r otherwise)	a to the w	non-standa-	mierest	ລ nave ໄ::	been c	onsolidai	ted (by comm	unitization, unitization,
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P. O. BOX 990 FARMINGTON, NEW MEXICO 87401 PHONE: 505-325-2841

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Multi-Point Surface Use Plan

San Juan 28-6 Unit #10A

- 1. Existing Road Please refer to Map No. 1 which shows the existing roads. New roads which will be required have been marked on this map.

 All existing and new roads will be properly maintained during the duration of this project.
- 2. Planned Access Roads Please refer to Map No. 1. The grade of the access roads will be consistent with that of the local terrain. The road surface will not exceed twenty feet (20') in width. Upon completion of the project, the access road will be adequately drained to control soil erosion. Drainage facilities may include ditches, water bars, culverts or any other measure deemed necessary by trained Company personnel to insure proper drainage. Gates and/or cattleguards will be installed if necessary.
- 3. Location of Existing Wells Please refer to Map No. 2.
- 4. Location of Tank Batteries, Production Facilities, and Production Gathering and Service Lines Please refer to Maps No. 1 and No. 2.

 Map No. 2 shows the existing gas gathering lines. Map No. 1 shows the existing roads and new proposed access roads. All known production facilities are shown on these two maps.
- 5. Location and Type of Water Supply Water for the proposed project will be obtained from 28-6 Water Well.
- 6. Source of Construction Materials No additional materials will be required to build either the access road or the proposed location.
- 7. Methods of Handling Waste Materials All garbage and trash materials will be put into a burn pit shown on the attached Location Plat No. 1. When clean-up operations are begun on the proposed project, the burn pit with its refuse will be buried to a depth of at least three feet (3'). A latrine, the location of which is also shown on Plat No. 1,

3 6 1979

7. cont'd. will be provided for human waste. If large amounts of liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying any of these materials into the watershed. No earthen pit will be located on natural drainages; all earthen pits will be so constructed as to prevent leakage from occurring.

- Ancillary Facilities No camps or airstrips will be associated 8. with this project.
- Please refer to the attached Plat No. 1. Wellsite Layout -9.
- Plans for Restoration of the Surface After completion of the 10. proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out. Seed mixture as designated by the responsible government agency will be used. The reseeding operation will be performed during the time period set forth by the regulatory body. The location production equipment will be painted as designated by the responsible government agency.
- Other Information The terrain is rolling plateau with sagebrush 11. growing. Deer and cattle are occasionally seen on the proposed project site.
- Operator's Representative W.D. Dawson, PO Box 990, Farmington, NM 12.
- 13. Certification -

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by El Paso Natural Gas Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

L. A. Aimes Project Drilling Engineer

Operations Plan San Juan 28-6 Unit #10A

I. Location: 910'S, 1040'E, Section 25, T-28-N, R-6-W, Rio Arriba County, NM Field: Blanco MV & So.Blanco PC Ext. Elevation: 6539'

II. Geology:

A. Formation Tops:	Surface	San Jose	Lewis	3500'
	Ojo Alamo	2610'	Mesa Verde	5032 '
	Kirtland	2775 '	Menefee	5195 '
	Fruitland	3040'	Point Lookout	5525 '
	Pic.Cliffs	3352'	Total Depth	5975 '

B. Logging Program: I-ES and GR-Density at 3700'

GR-Ind. and GR-Density at Total Depth.

C. Coring Program: none

D. Natural Gauges: 5020', 5185', 5515' and at Total Depth.
Also gauge any noticeable increase in gas. Record all gauges in daily drilling report and on morning report.

III. Drilling:

A. Mud Program: mud from surface to 3700'. Gas from intermediate casing to Total Depth.

IV. Materials:

Α.	Casing Program:		Depth	Casing Size	Wt.&Grade
		13 3/4"	200'	9 5/8"	36.0# K-55
		8 3/4"	3700 '	7"	20.0# K-55
		6 1/4"	3550-5975	4 1/2"	10.5# K-55

B. Float Equipment: 9 5/8" surface casing - cement guide shoe.

7" intermediate casing - cement guide shoe and self-fill insert float valve, 5 stabilizers every other joint above shoe. Run float two joints above shoe.

- 4 1/2" liner 4 1/2" liner hanger with neoprene packoff w/PBR.. Geyser shoe and flapper type float collar
- C. Tubing: 5975' of 2 3/8", 4.7#, J-55 8rd EUE tubing with a common pump seating nipple one joint above bottom. Tubing will be open ended.

 3500' of 1 1/4", 2.33# J-55 IJ tubing with a common pump seating nipple above a perforated joint plugged on bottom. Isolate producing formations with a packer.
- D. Wellhead Equipment: 10" 900 x 9 5/8" casing head. 10" x 7" casing hanger, 10" 2000 x 6" 2000 dual tubing head.

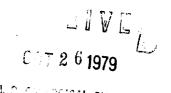
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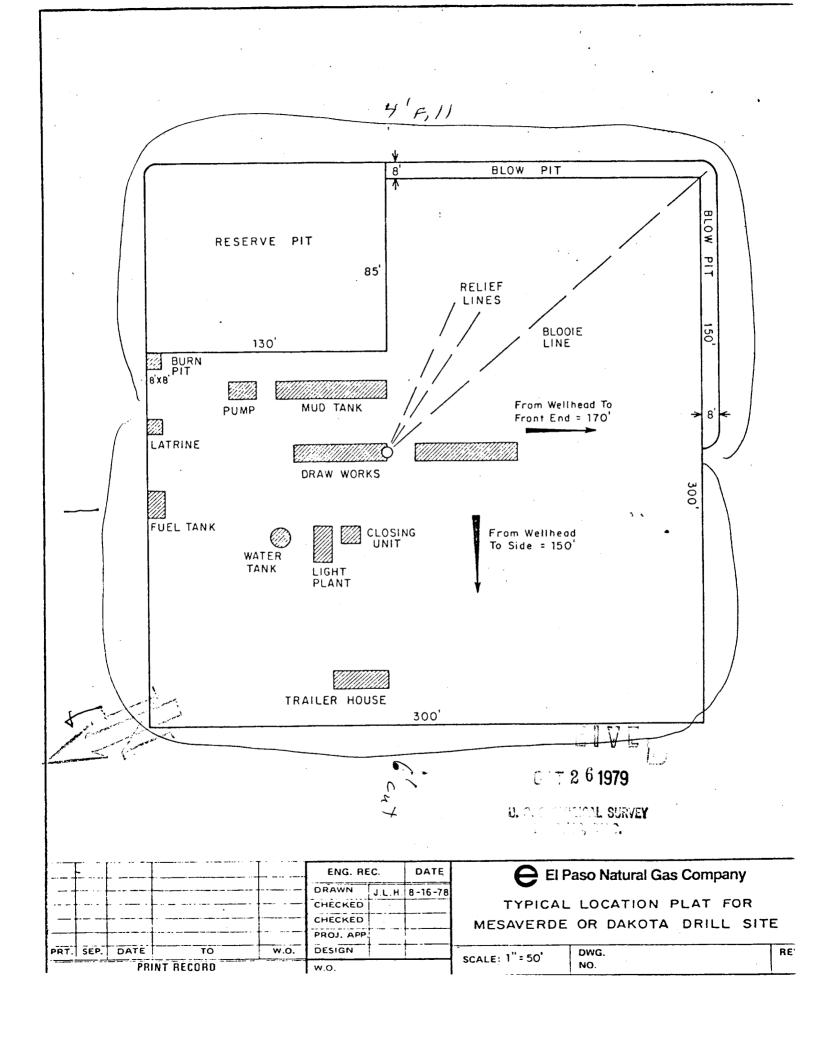
V. Cementing:

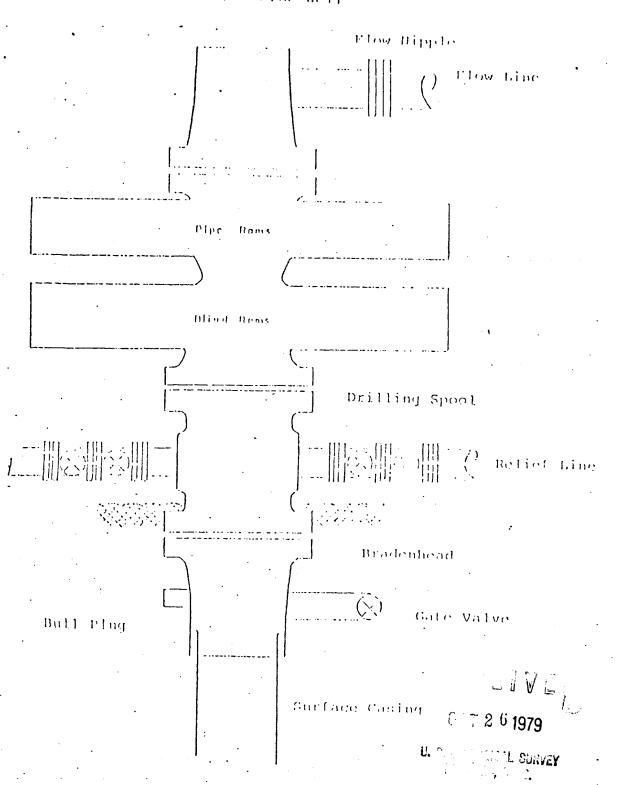
9 5/8" surface casing - use 190 sks. of Class "B" cement with 1/4# gel-flake per sack and 3% calcium chloride (224 cu.ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600#/30 minutes.

7" intermediate casing - use 79 sks. of 65/35 Class "B" Poz with 6% gel and 2% calcium chloride (8.3 gallons of water per sack) followed by 100 sks. of Class "B" with 2% calcium chloride (246 cu.ft. of slurry, 50% excess to cover Ojo Alamo). Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1200#/30 minutes.

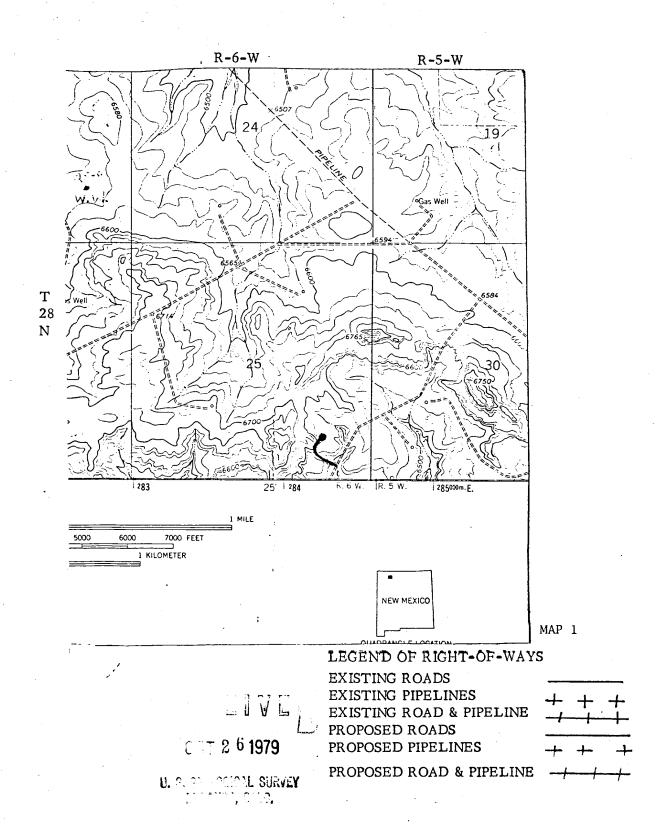
4 1/2" liner - precede cement with 20 barrels of gel water (2 sks. gel) Cement with 304 sks. of 50/50 Class "B" Poz with 2% gel, 0.6% Halad-9, 6.25# gilsonite plus 1/4# Flocele per sack (423 cu.ft. of slurry, 70% excess to circulate liner). WOC 18 hours.





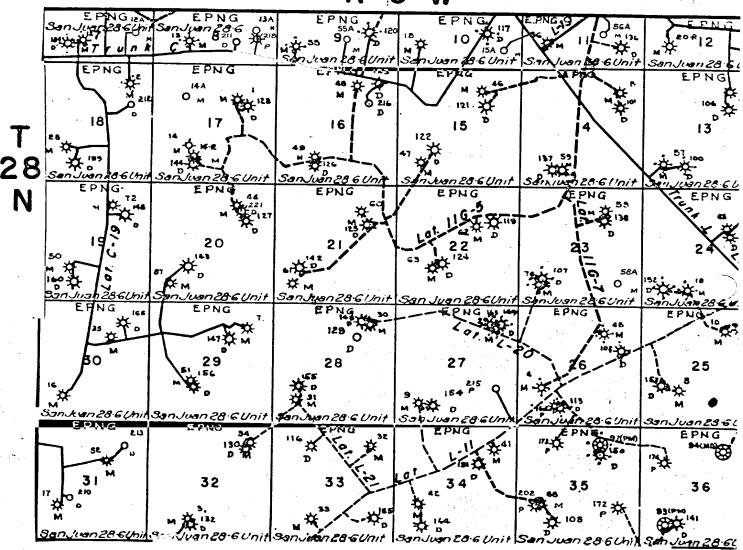


Series 900 Double Gate BOF, rated at 3000 psi Working Pressure
When gas drilling operations begin a Shaffer type 50 or equivalent rotating head is installed on top of the flow nipple and the flow line is converted into a blowie line.



El Paso Natural Gas Company San Juan 28-6 Unit #10A SE 25-28-6

R-6-W



MAP 2

LIVE

Proposed Location

C T 2 6 1979

U. S. S. COGICAL SURVEY