SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

30-039-2/03/ 5. LEASE DESIGNATION AND SERIAL NO.

UNITED STATES DEPARTMENT OF THE INTERIOR

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK B. TITE OF WELL WELL WILL SOME DEFEN PLUG BACK THE OF WELL WELL WILL SOME DEFEN PLUG BACK San Juan 27-4 Unit San Juan 27-4 U		GEOLO	GICAL SURVE	Υ			SF 080673	
DRILL NO DEEPEN DELACK SAIN ADMINISTRATE NAME SAND DEFICE NOTES OF THE STORY OF THE	APPLICATION				OR PLUG B	ACK	G. IF INDIAN, ALLOTTEE OR TRIBE NAME	
DATE OF NELL OF STATE OF TAXABLE STATE OF A STATE OF TAXABLE STATE OF TAXA	A. TYPE OF WORK			_			7. UNIT AGREEMENT NAME San Juan 27-4 Unit	
NAME OF CORRECTOR EI PASO NATURAL Gas Company A concess of or creation PO Box 990, Farmington, NM 87401 PO Box 990, Farmington, NM 87401 At proposed prod. some A proposed prod. some B like years a prod. some proposed prod. some proposed proposed prod. some proposed pr	b. TYPE OF WELL		LE V					
El Paso Natural Gas Company El Paso Natural Gas Company Additional Company PO Box 990, Farmington, NM 87401 100 year of well (Report location clearly and in accordance with any State requirements.) 110 year of well (Report location clearly and in accordance with any State requirements.) 111 year of well (Report location clearly and in accordance with any State requirements.) 112 year of well (Report location clearly and in accordance with any State requirements.) 113 year of well year of the state o	WELL WE	LAI	San Juan 27-4 Unit					
PO Box 990, Farmington, NM 87401 10. Metal and foot, or well (Report location clearly and in accordance with any State requirements.) 10. Metal and foot, or well (Cliffs 1. According to well (Report location clearly and in accordance with any State requirements.) 1. According to well (Report location clearly and in accordance with any State requirements.) 1. According to well (Cliffs 1. According to well 1. According								
PO BOX 990, Farmington, NM 87401 PO BOX 990, Farmington, NM 87401 1 DOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At proposed prod. zone At proposed prod. zone 1850'S, 1690'W At proposed prod. zone A DISTANCE IN MILES AND DIRECTION FROM NEAREST YOWN OR POST OFFICE* 10. DISTANCE IN MILES AND DIRECTION FROM NEAREST YOWN OR POST OFFICE* 11. DOCATION TO REALEST TO PRODUCE TO A DISTANCE TO A DISTANCE TO MILES AND DISTANCE TO A DISTANCE TO		.1 Gas Company					124	
At proposed prod. some 1850'S, 1690'W At proposed prod. some At proposed prod. some 1950'S, 1690'W 1950'S, 1690'S, 1690'S		amminatan NM	87 <i>4</i> 01			•	10. FIELD AND POOL, OR WILDCAT	
At proposed prod. some At prop. some At proposed prod. some At proposed prod. some At prod. som	PU BOX 990, FE	port location clearly an	d in accordance with	any State re	quirements.*)		Tapacito Pictured Cliffs F	
At proposed prod. 2018 4. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10. NO. OF ACERS IN LEASE. 11. NO. OF ACERS IN LEASE. 11. NO. OF ACERS IN LEASE. 12. COUNTY OR FARISH 13. SYATE. 13. SYATE. 14. NO. OF ACERS IN LEASE. 15. NO. OF ACERS ASSIGNED. 16. NO. OF ACERS IN LEASE. 17. NO. OF ACERS ASSIGNED. 18. PROPOSED DEPTH 20. ROTARY OR CARLE TOOLS. 20. ROTARY OR CARLE TOOLS. 20. ROTARY OR CARLE TOOLS. 22. AFFROX. DATE WORK WILL START. 13. SYATE. 14. NO. OF ACERS ASSIGNED. 25. ROTARY OR CARLE TOOLS. 26. ROTARY OR CARLE TOOLS. 26. ROTARY OR CARLE TOOLS. 27. ROTARY OR CARLE TOOLS. 28. ROTARY OR CARLE TOOLS. 28. ROTARY OR CARLE TOOLS. 29. ROTARY OR CARLE TOOLS. 20. ROTARY OR CARLE TOOLS. 20. ROTARY OR CARLE TOOLS. 22. AFFROX. DATE WORK WILL START. 26. AFFROX. DATE WORK WILL START. 27. AFFROX. DATE WORK WILL START. 28. AFFROX. DATE WORK WILL START. 29. AFFROX. DATE WORK WILL START. 20. OF ACERS IN LEASE. 20. ROTARY OR CARLE TOOLS. 20. ROTARY OR CARLE TOOLS. 22. AFFROX. DATE WORK WILL START. 22. AFFROX. DATE WORK WILL START. 23. AFFROX. DATE WORK WILL START. 24. AFFROX. DATE WORK WILL START. 25. AFFROX. DATE WORK WILL START. 26. AFFROX. DATE WORK WILL START. 27. AFFROX. DATE WORK WILL START. 28. AFFROX. DATE WORK WILL START. 29. AFFROX. DATE WORK WILL START. 20. CANTITY OF CEMENT. 20. AFFROX. DATE WORK WILL START. 20. AFFROX. DATE WORK WILL START. 20. AFFROX. DATE WORK WILL START. 27. AFFROX. DATE WORK WILL START. 28. AFFROX. DATE WORK WILL START. 29. AFFROX. DATE WORK WILL START. 20. AFFROX. DATE WORK WILL START. 29. AFFROX. DATE WORK WILL START. 20. AFFROX. DATE WORK WILL START. 21. AFFROX. DATE WORK WILL START. 21. AFFROX. DATE WORK WILL START. 20. AFFROX. DATE WORK	At surface		11. SEC., T., R., M., OR BLK.					
4. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12. COUNTY OR PARISH 13. STATE 12. COUNTY OR PARISH 13. STATE 15. NO. OF ACERS IN LEASE 17. NO. OF ACERS IN LEASE	At proposed prod. ZOB		1					
A DISTANCE IN MILES AND DIRECTION PROOF REAREST TOWN OF FOR STATE AND A PROOF STATE TOWN OF A CRES IN LEASE TOWN OF A CRES ASSIGNMENT TOWN OF A CRES	• •							
D. DISTANCE FROM PROPOSED* LOCATION TO N-ZABER* TO N-ZABER	4. DISTANCE IN MILES A	ND DIRECTION FROM NE.	AREST TOWN OR POST	OFFICE*				
DISTRICT FOR PROPERTY OF LEASE LINE, FT. (Also to dearrest drig, unit line, it any) EINTAINCE FOR PROPERTY OF LEASE LINE, FT. (Also to dearrest drig, unit line, it any) EVALUATIONS (Show whether DF, RT, GR, etc.) FOR APPLIED FOR, CONTENTS LEASE, FT. ELEVATIONS (Show whether DF, RT, GR, etc.) FOR OF HIS LEASE, FT. EINTAINCE FOR THE LEASE LEASE LEASE, FT. EINTAINCE FOR THE LEASE LEASE LEASE, FT. EINTAINCE FOR THE LEASE LEASE, FT. EINTAINCE FOR THE LEASE LEASE LEASE, FT. EINTAINCE FOR THE MEDICAL FOOLS. EINTAINCE FOR THE MEDICAL FT. EINTAIL FOR				16 No OH A	COPS IN LEASE	17 NO.		
(Albo to meatered drig, unit lime, frozy) 19. PROFOSED DEFTH 20. ROTARY OR CABLE TOOLS NOT HOLD SOLD CATION' TO NAMEST WELL, DUILLING, COMPLETED, TO RATELIN POR, OF THE WORK WILL START 22. APPROX. DATE WORK WILL START 23. APPROX. DATE WORK WILL START 24. AND APPROX. DATE WORK WILL START 25. APPROX. DATE WORK WILL START 26. APPROX. DATE WORK WILL START 26. APPROX. DATE WORK WILL START 27. APPROX. DATE WORK WILL START 27. APPROX. DATE WORK WILL START 28. APPROX. DATE WORK WILL START 29. APPROX. DATE WORK WILL START 20. O' 224 cu. ft. to circulate 20. APPROX. DATE WORK WILL START 20. O' 224 cu. ft. to circulate 20. APPROX. DATE WORK WILL START 22. APPROX. DATE WORK WILL START 23. APPROX. DATE WORK WILL START 24. APPROX. DATE WORK WILL START 25. APPROX. DATE WORK WILL START 26. APPROX. DATE WORK WILL START 27. APPROX. DATE WORK WILL START 28. APPROX. DATE WORK WILL START 29. APPROX. DATE WORK WILL START 20. CALL START OF CASING 29. APPROX. DATE WORK WILL START 20. A	LOCATION TO NEAREST			10. NO. US A	CENS IN DAME	TOT	THIS WELL	
8. DISPANCE FROM PROCESSED LOCATION. CONFIDENCE. TO NEALEST WELL, DELIAN, CONFIDENCE. BELEVATIONS (Show whether DF, RT, GR, etc.) PROPOSED CASING AND CEMENTING PROGRAM SIZE OF LOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 13 3/4" 9 5/8" 32.3# 200' 224 cu. ft. to circulate 8 3/4" 7" 20.0# 3900' 200 cu. ft. to cover Ojo Alamo. 6 1/4" 4 1/2" 10.5# 3800-6170' 320 cu. ft. to fill to 3800' Selectively perforate and sandwater fracture the Pictured Cliffs and Mesa Verde formations. Forest approval has been secured. The W/2 of Section 8 is dedicated to this well.	(Also to nearest drig	. unit line, if any)		10 0000000	DEDTH	20 BOT		
The W/2 of Section 8 is dedicated to this well. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive some and primared new productive some and primared new productive some. If proposal is to delign of subsurface locations and measured and true vertical depths. Give blow preventer program, if any. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive some and primared new productive some. If proposal is to dill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any. ITILE Drilling Clerk DATE October 9, 197.	TO NEAREST WELL, DE	HLLING, COMPLETED,						
BILE OF HOLE SIZE OF CASING AND CEMENTING PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER POOT SETTING DEPTH QUANTITY OF CEMENT 13 3/4" 9 5/8" 32.3# 200' 224 cu. ft. to circulate 8 3/4" 7" 20.0# 3900' 200 cu. ft. to cover Ojo Alamo. 6 1/4" 4 1/2" 10.5# 3800-6170' 320 cu. ft. to fill to 3800' Selectively perforate and sandwater fracture the Pictured Cliffs and Mesa Verde formations. Forest approval has been secured. The W/2 of Section 8 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 purposed new product zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any. 24. BIGNED A. J.	OR APPLIED FOR, ON THE	S LEASE, FT.		6	170.	1 Rota	22. APPROX. DATE WORK WILL START*	
SIZE OF HOLE SIZE OF CASING SIZE OF CASING SIZE OF CASING SETTING DEPTH QUANTITY OF CEMENT 13 3/4" 9 5/8" 32, 3# 200' 224 cu. ft. to circulate 3900' 200 cu. ft. to cover Ojo Alamo. 6 1/4" 4 1/2" 10.5# 3800-6170' 320 cu. ft. to fill to 3800' Selectively perforate and sandwater fracture the Pictured Cliffs and Mesa Verde formations. Forest approval has been secured. The W/2 of Section 8 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 princed new production. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow proveniter program, if any. 24. BIGNED A.		ther DF, RT, GR, etc.)						
SIZE OF HOLE SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT				C AND CEN	ENTING PROGR	AM		
13 3/4" 9 5/8" 20.0# 3900' 200 cu.ft. to circulate 3900' 6 1/4" 4 1/2" 10.5# 3800-6170' 320 cu.ft. to fill to 3800' Selectively perforate and sandwater fracture the Pictured Cliffs and Mesa Verde formations. Forest approval has been secured. The W/2 of Section 8 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 printed new product sone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any. 24. BIGNED A B. Shicas Title Drilling Clerk DATE October 9, 1970.	23.		PROPOSED CASIN	G AND CEM				
8 3/4" 7" 20.0# 3900' 3800-6170' Selectively perforate and sandwater fracture the Pictured Cliffs and Mesa Verde formations. Forest approval has been secured. The W/2 of Section 8 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 manufact new product sone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any. 24. BIGNED Drilling Clerk DATE October 9, 1976	SIZE OF HOLE	SIZE OF CASING		DOT S	ETTING DEPTH	_		
Selectively perforate and sandwater fracture the Pictured Cliffs and Mesa Verde formations. Forest approval has been secured. The W/2 of Section 8 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 new product zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any. 24. BIGNED Drilling Clerk DATE October 9, 1975.		9 5/8"						
Selectively perforate and sandwater fracture the Pictured Cliffs and Mesa Verde formations. Forest approval has been secured. The W/2 of Section 8 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 promoved new product zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any. 24. BIGNED A. J.	8 3/4"	7''					-	
The W/2 of Section 8 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 primed new product zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any. 24. BIGNED A Bucks TITLE Drilling Clerk DATE October 9, 197.	6 1/4''	4 1/2"	10.5#	380	0-6170'	320 0	cu. it. to fill to 3800	
preventer program, if any. 24. BIGNED A. J. Dricco TITLE Drilling Clerk DATE October 9, 1974	Forest approv	al has been sec	ured. ated to this w	/ell.	este etro data on	procent Dr	roductive zone and prompted new productive	
	24.	J. Drices				rk	DATE October 9, 1974	
PERMIT NO APPROVAL DATE	PERMIT NO.			APPR	OVAL DATE		Fig. 6	
TITLE	ADDRAVED	10					1. 水、块 10 10 11 11 11 11 11 11 11 11 11 11 11	
CONDITIONS OF APPROVAL, IF ANY:		6 ' \	TI	T1.E				

*See Instructions On Reverse Side

OCT 11 1974

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION! AND ACREAGE DEDICATION PLAT

		All distances must be	from the outer boundaries of	the Section.	Turan va		
Operator El Paso Natural Gas Company Legse San Juan 27-4 Unit (SF-080673) Well No. 124							
Unit Letter	Section 8	Township 27N	Range	County Rio Arriba			
Actual Footage Loc		outh line and	1690 _{fe}	et from the West	line		
Ground Level Elev.	Producing For		Pool Blanco Me Tapacito P.	esa Verde C. Extension 160	cated Acreage:		
				or hachure marks on the pla			
	han one lease is nd royalty).	dedicated to the we	ll, outline each and id	entify the ownership therec	of (both as to working		
3. If more the	an one lease of d	mitization, force-pool	ling. etc?	, have the interests of all Unitization	one consoli		
X Yes	. ———	7.	of consolidation				
this form	if necessary.)	ed to the well until a	ll interests have been	consolidated (by communich interests, has been app	itization, unitization,		
sion.	- x x x x x x	***					
X		Ň		CE	RTIFICATION		
			 	tained herein	y that the information consistrue and complete to the wledge and belief. Jucces		
	+ 			Drillin Position El Paso Nat Company	g Clerk ural Gas Company		
				Date	T 1 1974		
	I SF-080673	8			OGICAL SUIVEY location		
	1			notes of actu	plot was plotted from field al surveys made by me or		
1690'				is true and	ervision, and that the same carrect to the best of my		
	+_+	🔊		knowledge and	pener.		
			1	Date Surveyed			
	1.8		 		essional Engineer		
	1 .			and/or Land Sur	105 J		
				Fred B. Certificate No.	Kemedistrick		
0 330 660	90 1320 1650 1	980 2310 2640 2	000 1500 1000	500 0 3950	The Contraction		

El Paso Malural Gas Company

El Paso, Texas 79978

October 9, 1974

ADDRESS REPLY TO POST OFFICE BOX 990 FARMINGTON, NEW MEXICO 87401

Mr. Jerry Long U. S. Geological Survey Post Office Box 1809 Durango, Colorado 81301

Re:

Application for Permit to Drill
San Juan 27-4 Unit #124
SW/4 Section 8, T-27-N, R-4-W
Tapacito Pictured Cliffs Ext. & Blanco Mesa Verde

Dear Mr. Long:

Details regarding existing roads, pipelines, wells, etc. relative to the above well location are included on the previously submitted base maps, "Field Road Map" and "Composite Map No. 1".

The proposed new well location, new roads and new pipeline are shown on the attached plat along with connecting existing roads and pipelines in the vicinity of the proposed new well.

Water for drilling and completion operations will be obtained from the following location:water hole located in NE/4 Section 18, T-27-N, R-4-W.

Waste material will be disposed of by burial in the burn pit, latrine, or reserve pit as applicable. There will be no camp nor air strip associated with drilling this well. Upon completion or abandonment of this well, the location will be cleaned and leveled and a dry hole marker placed, if applicable.

Yours very truly,

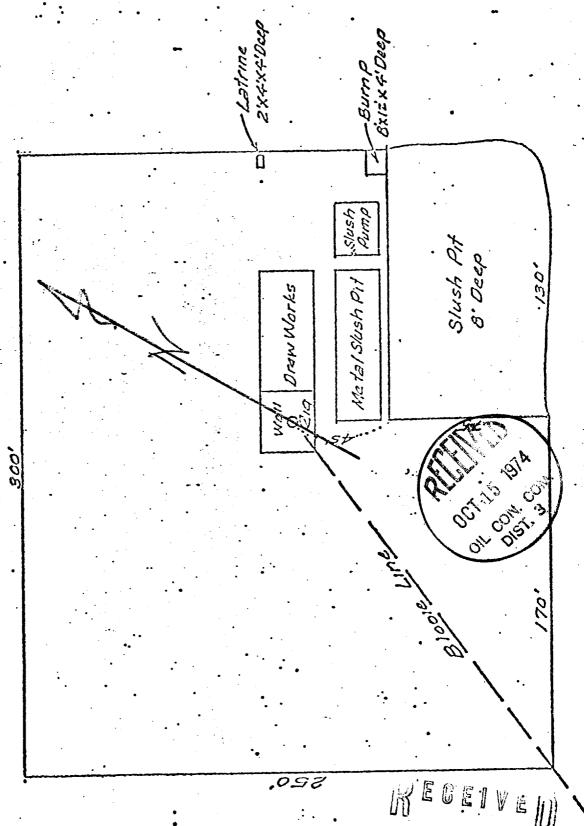
D. G. Brisco Drilling Clerk

OCT 11 1974

U. S. GEOLOGICAL SURVEY

pb

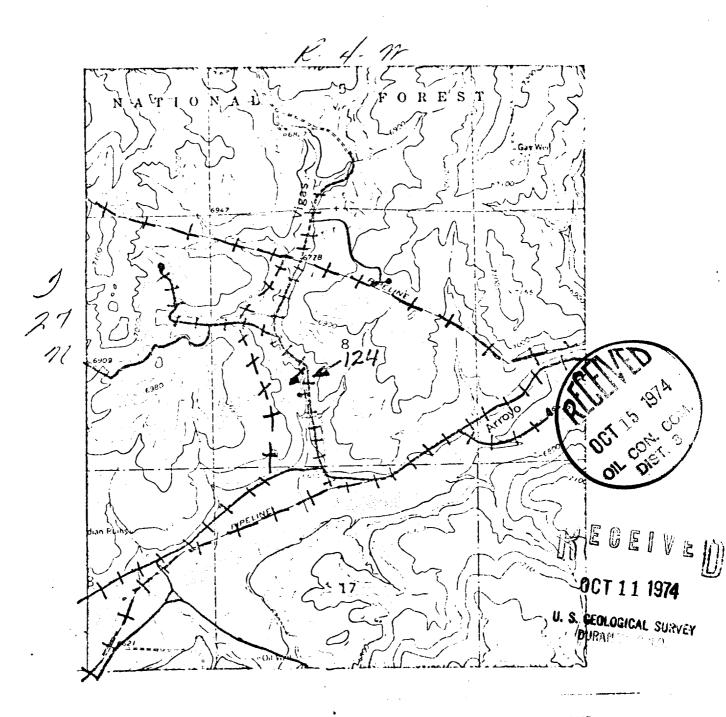
540 JUAN 27-4 UNIT # 124



· OCT 11 1974

U. S. GEOLOGICAL SURVEY

Nan Juan 29.4 Elnit # 124 ME & MI Dec. 8, 2-29-11, R-4-11



LEGEND OF RIGHT-OF-WAYS

EXISTING ROADS

EXISTING PIPELINES

EXISTING ROAD & PIPELINE

PROPOSED ROADS

PROPOSED PIPELINES

PROPOSED ROAD & PIPELINE

PROPOSED ROAD & PIPELINE