SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

**UNITED STATES** DEPARTMENT OF THE INTERIOR

30-045-25473 5. LEASE DESIGNATION AND BERIAL NO.

**GEOLOGICAL SURVEY** 

	_	GEOLO	GICAL SURV	EY				SF080724 A		
APPLICA	TION FOR I	PERMIT 1	O DRILL, I	DEEP	EN, OR P	LUG B	ACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME.		
1a. TYPE OF WORK								7. UNIT AGREEMENT NAME		
	DRILL 🗵		DEEPEN [		PL	UG BAC	K 📙	1. UNII AGREEMENT NAME		
D. TYPE OF WELL	GAS [				NGLE X	MULTIPI	re 🗀	S. FARM OR LEASE NAME		
WELL X	WELL L	OTHER		Z	ONE LAI	ZONE		7 a abus		
	xas Petrole	nım Corro	ration					Zachry 9. Well No.		
3. ADDRESS OF OPER		emii corp.	JI ACIOII					-		
D.O. D.	. 000 - 5		ior i Moud oo	074	Λ1 ·			10. FIELD AND POOL, OR WILDCAT		
P.O. BOX 4. LOCATION OF WE	LL (Report locatio	n clearly and	in accordance wit	h any S	tate requireme	nts. )	1 5	Armenta Ext. Gallup		
At surface	95 ft./Sout	h line a	and 2120 ft	. /Wes	st line	distant many		11. SEC., T., R., M., OE BLK. AND SURVEY OF AREA		
At proposed pro			2,20	.,	Č	FD 10	1982	K \$ec. 34, T-29N, R-10W,		
Sa	me as above	3			· · ·	1 1	,,,,	N.M.P.M.		
14. DISTANCE IN M	ILES AND DIRECTIO	N FROM NEAR	EST TOWN OR POS	T OFFIC	U. C	-		12. COUNTY OR PARISH 13. STATE		
4 miles	Southeast c	of Blooms	ield. New	Mexic	o 87413	A	Jan Dan Mele	-San Juan New Mexico		
15. DISTANCE FROM LOCATION TO N	PROPOSED*		520 ft.	16. NO	OF ACRES IN	LDASE		OF ACRES ASSIGNED THIS WELL		
PROPERTY OR LI (Also to neare	EASE LINE, FT. st drìg. unit line, i	if any)	520 ft.	2.	284.30			W 40.00		
18. DISTANCE FROM	PROPOSED LOCATION DRILLING, COM	ON* PLETED,		19. PR	OPOSED DEPTH		20. ROTA	ARY OR CABLE TOOLS		
OR APPLIED FOR,	ON THIS LEASE, FT.	2,	100 ft.	6,1	055 ft.		Rota			
21. ELEVATIONS (Sho	w whether DF, RT	, GR, etc.)						22. APPROX. DATE WORK WILL START*		
5723 GR.		<del> </del>						October 20, 1982		
23.		P	ROPOSED CASIN	IG ANI	CEMENTING	PROGRA	M			
SIZE OF HOLE	BIZE OF	CABING	WEIGHT PER FO	оот	SETTING I	ЕРТН		QUANTITY OF CEMENT		
13-3/4"	10-3/4"	New	40.55 K5	5	300 ft		24 c	n. ft. (circulated)		
9-7/8"	7-5/8"		26.40 K5	_	5265 ft			cu. ft. (Cover Ojo Alamo zo		
6-3/4"	5-1/2"		15.50 J5		5065' to	6055 <b>'</b>	l	a. ft. (Top of the liner han		
intermediate circulating mately 2000 ed by approx 55/35/12 cem tool. Test ft. using namanger at approx. Cement Run new 2-3/pump and rod	thole to appreciate the casing tural gas approx. 5065 to cover table to the casing tural gas approx. 5065 to cover table the casing this well according to the cover table to the casing this well according to deep the casing provided the casing provided table	oprox. 52 og the we the fir cu. ft. ed by app to 1500 as the ci ft. to 7 the liner 7#, E.U. cumping thas prev	265 ft. usicall. Run not stage wo of Class"Boroximately PSIG for arculating hanger.  E. they to unit and tarriously beer proposal is to deep propo	ng a ew 7 ith a " cer 90 a 10 m mediu rox. Perf the nks.	starch b -5/8" cas approxima ment. 2n cu. ft. o inutes. m. Log 6055 ft. & fract Gallup z Connect dicated t	ase, poing to tely 62 d stage of Class Drill of the well one. It to a control of the data on produce the data on produce the control of the c	ermalo T.D. 20 cu. e with s "B" out wi ll. R nt wit e Gall Nipple gather anspor	ifor 10 minutes. Drill 9-7/ did, non-dispersed mud as the with a D. V. tool at approxi ft. of 65/35/6 cement follo approx. 640 cu. ft. of cement. Drill out the D.V. th 6-3/4" bit to approx. 605 cun new 5-1/2" casing with li th approx. 142 cu. ft. of 50/ cup zone. Clean the well up. down the well head. Run a ring system. Test the well. ter. ductive zone and proposed new productive ed and true vertical depths. Give blowout		
SIGNED	well fill	1/40	C 717	LE Fie	eld goera	tions I	Manage	PATE September 10, 1982		
	RUDY D. MOD				<b>COUNT</b>		्र <sub>ू</sub>			
(This space for	Federal or State	omce use)			RLI, FIV	101	".			
PERMIT NO				┦'	APPROVAL DATE	1		APPROVED		
					OCT 141	982 <b>i</b>		AS AMENDED		
APPROVED BY	PPROVAL, IF ANY:	<del></del>	TIT	LE	IL CON. C			DATE		
RILLING OPERATIO		ADE	į.	<b>\</b> 0				OCJ 1 2 1982		
BJECT TO COMPL			1	: <b>\</b>	DIST. 3	· /		Thisty		
SENERAL REQUIRE		J.		, ,				DISTRICT ENGINEERS		
in the second	=	e <sup>sh</sup>		E 3 B 3 A	300			DISTRICT ENGINEER		

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

Form C-102 Revised 10-1-7

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

UNION TEXAS PETROLEUM CORP.    Section   Temporary   T	Operator			ant to most be	Leas	ie			Well No.
the late of the property of th		AC DETENTION	-	1	•	1			
Table 1 1895   Treat toon the SOUTH   Interest   2120   treat from the   WEST   Interest   1895   Treat toon the   MEST   Interest   1895   Treat toon the   MEST   MEST   ALL OD    1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to we interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been conducted by communitization, force-pooling, etc?    Yes   No   If answer is "yes," type of consolidation			·	<u> </u>			County	<del></del> -	
Actual Personage Lorenton of Well:  1895 feet from the SOUTH  1895 feet from the SOUTH  1895 feet from the SOUTH  Pool Armenta Extention  10 Outline the acreage dedicated to the subject well by colored pencil or hardner marks on the plat below.  2 If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to we interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been exceeded by communitization, infitzation, 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 this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, until) forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the District of the property of the pr	к	34	29 1	NORTH	- 1	10 WEST	SAN	JUAN	
Ground Level Div. Producing Fermation   Pool   Pool			<del></del>						
3723 GALLUP  1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to we interest and royally).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been endated 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 this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, until forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Difference of the pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Difference of the pooling	1895	feet from the SO	UTH	line and	212	20 1ce	t from the	WEST	line
1. Outline the acreage dedicated to the subject well by colored pencil or harbure marks on the plat below.  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to w interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been endated 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 this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, until forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the District of the pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the District of the pooling of the provided by the pooling of the provided by the provid	Ground Level Clev	. Producing Fo	rmation		Pool				Dedicated Acreage:
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Yes   No   If answer is "yes," type of consolidation	2. If more t	han one lease is							
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, uni	dated by	communitization,	unitization	, force-pooli	ng. et	c?	have the	interests o	of all owners been consoli
CERTIFICATION  I hereby certify that the informati to lined herein is true and complete heart my knowledge and belief, with the line of the line o	this form i No allowa	f necessary.) ble will be assign	ed to the v	vell until all	inter	ests have been co	ons olida	ted (by co	mmunitization, unitization
I hereby certify that the informati tained herein is true and complete hest best by knowledge and belief.  Name Rady D. Matta Position Field Operations Manage. Company Union Texas Petroleum Date August 10, 1982  I here S. gilly that the west shown with splay planted to anotes the strue splay play play play to be the knowledge addity. It's true and chaptering the best knowledge addity. It's a special play the best knowledge addity. It's a special play the play the best knowledge addity. It's a special play the play	forced-poo	ling, or otherwise	or until a	non-standare	unit	, eliminating such	i interes	is, nas dee	n approved by the Divisio
toined herein is true and complete best my knowledge and belief.  Name  Rudy D. Motto  Position  Field Operations Manag.  Company  Union Texas Petroleum  Date  August 10, 1982  August 10, 1982  I hereforefilly that the wester  show the plot NO plotted for notes to show it is plot NO plotted for notes to show it is plot NO plotted for notes to show it is plot NO plotted for notes to show it is true and chief the best knowledge and the plotted for the show is the plotted for the plotted for notes to show it is true and chief the best knowledge and the plotted for the pl	<u> </u>	i							CERTIFICATION
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Date August 10, 1982  I here Starilly that the welfeld show full specification and open where the show ledge and the first show ledge and the firs		+ !							. Motto
Date August 10, 1982  I here serilly that the welfd show the strict plant of the stric		1				<b>!</b>			Operations Manager
Date Surveyed  July 29, 1982  Registered Protessional Engineer and/or Land Surveyor  Annual Protessional Engineer		1 1				1   		Date	_
Date Surveyed  July 29, 1982  Registered Professional Engineer and/or Land Surveyor  Amade. Rease		<u> </u>	The second secon	34		1			SCOUNT ENGINEER
July 29, 1982  Registered Professional Engineer and/or Land Surveyor  June 8. Leans	2120°		9					shown of notes with under the istruction	edies plot NO plotted from tield control states made by me or supervision, and chait with some and chait with some and chait with the best of my
Registered Professional Engineer and/or Land Surveyor Dead. Lead		1			erioria. Veni	Political Control		Date Surve)	yed
			50/		··			Registered and/or Lang	Professional Engineer  Surveyor  B. Feare
Certificate No.									
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UNION TEXAS PETROLEUM CORP Zachry #32 NE1SW1, Sec. 34, T29N, R10W, NMPM San Juan County, New Mexico ..... 19 RIVER 28