		DEPARTMENT					S. Trans Drainvaries and Benial PD.	
A DDI	IC A TION		CIC SURVE				* NM-7951	
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK								
DRILL M DEEPEN D PLUG BACK TO THE NEW AND								
WELL X		KILL OTHER		NINGLE TO STUDY THE TO S. FARM OR LEASE NAME				
2. NAME OF TRUNK	CO OIL (ገ <u>ጠ</u> ዋል ለ Y		114 .011 1.11			Leonard Bros.	
3. AUDRESS OF OPERATOR SURVEY 19								
720 So. Colorado Blvd., Denver, Colorado 80222 4. LOCATION OF WELL (Report location clearly and in accordance with any State adjustingly, NEW MEXICO Leonard Queen, South HOBBS, NEW MEXICO Leonard Queen, South Li. NEC. T. R. M. OE PLE.								
	sed prod, 208		1303 1 11				AND SURVEY OR AREA	
14. DISTANC	K IN MILER A	AND DIBECTION PHON NEAR	TEUT NO KWOT TEE	Unit C			Sec. 13, T26S, R37E	
		b of Surface Us	e Plan				Lea New Mexico	
15. DINTANCE FROM PHOTOSSO* LOCATION TO NEAREST PROPERTY OR LEANS LINE, FT.			16. NO. OF ACRES IN LEASE .2520			17. No. 0	OF ACKES ASSIGNED	
(Also to besteat drig, unit line, if any) 18. DISTANCE PROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED,			19, PROPOSED DEFTE			20. вота	20. ROYARY OR CABLE 1901.8	
OR AFFILID FOR, ON THIS LEASE, FT. 21. ELEVATIONS (Show whether DF, RT, CR, ctc.)				+ 4000' R			tary	
22 1.0.14110,	N3 (5.70# P7.0	3004.66' GL					April 10, 1978	
PROPOSED CASING AND CEMENTING PROGRAM								
	A HOFE	SIZE OF CASING	WEIGHT PER FO	от	SETTING DEPTH		QUALITY OF CEMENT	
$\frac{12-1/4}{7-7/8}$		8-5/8" 5-1/2"	24# 15.5#		+ .500'		to circulate to surface.	
, 0					1000	surface	to circulate back up into	
1. The geologic name of this surface formation is the Ogallala Lime (Miocene).								
2&3. <u>Fo</u>	rmation	Tops (Estimated)	i ma c i vii	is the Ugai	idid L	ime (Miocene).	
	lado tes			+		lt	• •	
	Rivers			+++++++++++++++++++++++++++++++++++++++	2640 Po	ssible	oil or gas producer oil or gas producer	
•	ee n			++	3365 ' Oi	l and d	gas	
	nrose n 8-5/8"	OD, K-55 new c	as ing to +5	$\frac{1}{00^{\circ}}$ and	3470 ' Oi	l and greent	gas to surface - Dun SL" On	
15	15.5#, K-55 new casing to T. D. and cement with a sufficient amount to circulate up in							
Su	surface casing in two stages. Casinghead will be a 10" 900 series w/a 3000 psi rating							
ea	each size drill pipe in the hole. One set of blind rams at all times. Fill line will be							
۷"	Z", Kill line will be Z", choke relief line will be 2" with variable choke Ropic 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. BOP's; drills, and								
tests will be recorded in the drillers logs.								
6. We will use; spud mud = $0-\pm 500^{\circ}$. (8.5 - 9.0 lb. per gallon) Brine gel = 500° -TD. (9.0 - 10.0 lb. per gallon)								
7. 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.								
c. Mud monitoring will be visual, no abnormal pressures are anticipated in this area								
d. Floats at bits.e. 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.								
8. This well will be pump tested after recovery of any load oil or water. One core may be								
taken. DLL-GR, CNL-FDC-GR caliper, and BHC Sonic logs will be taken. Any other evaluation that may be necessary during the drilling of this well will be conducted as needed.								
9. No) abnorma	il pressures or	temperature	es are a	nticipated.	See p	oint #5 for blowout	
pr 10. Th	revention ne drilli	n equipment. Ing of this well	will take	approxi	mately eight	t davs	The gas (XXX is not)	
ae	edicated	to El Paso Natu	ral bas Com	panv.				
11. Your office (Telephone 505/393-3612) will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills,								
ar	io_accide	ents involving i	ite-threate	ar paras	juries or lo	oss of	life. Prior approval will	
be obtained before appreciably changing drilling program or commencing plugging operations. plug back work, casing repair work or corrective cementing operations.								
IN ABOVE KTACK DESCRIPE PROPORED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give Monout								
preventer pr	ogram, if any	7.					birk Gice Howout	
815 W # 10	M.A.	12:20		. Div.	Production	Managa	ADDROGIA?	
(Tall space for Fylleral or State office use) 18 have								
SEE ATTACHED FOR								
7-10-78 CONDITIONS OF APPROVAL 2 0 1978								
ATTROVES COMPUTED	HT	AL, Fr ANY :	TIT	ı.ĸ		A	CTING DISTRICT ENGINEER	
						-		

OIL CONSERVATION A.