

							Berger and the second second	
A	PPLICATION FO	DR PERMIT T	O DRILL, I	DEEPEN, O	OR PLUG I	влск	G. IT INDIAN, AT LOCIES IN THINE PANE	
38. TI	DRILL	0	DEEPEN		PLUG BA	(K []	7. UNIT AUREEMENT NAME	
	TEOFWELL GAR [	-		HINGLE				
	LL Y WELL WELL	OTHER					5. FARM OR LEASE NAME	
	ENNECO OIL COMP					Leonard Bros.		
	REAS OF OFERATOR						5	
- <b>4,</b> Loc	360 Lincoln St.	, Suite 1200	, Denver,	Colorado	802	9 <u>5</u>	10. FIRED AND FOOL OR WILLICAT	
At		ind 1980'FEL					Leonard Queen, South	
٨t	proposed prod. zone		,		15 × 8	1377	AND NUNVET OR AREA	
14. pr	STANCE IN MILES AND DEE	EUTION FROM NEAR	EST TOWN OR POST	T OFFICE*			Sec13 , T26S, R37E	
	ee Point 1:b of	Surface Use	Plan				Lea New Mexico	
1.0	STANCE FROM PROPOSED <sup>®</sup> CATION TO NEAREST OPERTT OR LEARE LINE, FT				KES IN LEASE		OF ACRES ASSIGNED	
13. 10:	STANCE FROM PROPOSED LO	line, if any)		.252 19. PROFOSED	-	20 805	RY OR CARLY TOOLS	
0R	NEAREST WELL, DRILLING APPLIED FOR, ON THIS LEASE	5, FT.		+40		Rot	lary	
21. ELS	WATIONS (Show whether D)	F. RT, GR, etc.)					22. AFFROL DATE WORK WILL START	
23.	3005.3'GL		0000000				1 6-25-77	
··	NZE OF HOLE SI		OPOSED CASIN			лм 	· · · · · · · · · · · · · · · · · · ·	
	1/4"	$\frac{2E \text{ OF CASING}}{8-5/8"}$	24#		TTING DEPTH	Suff	quastity of CEMENT to circulate to surface.	
	7/8"	5-1/2"	15.5#		4000'	Suff.	to circulate back up into	
	•	ł		1	·····	surfac	e casing.	
1. The geologic name of this surface formation is the Ogallala Lime (Miocene).								
2&3.	Formation lops	(Estimated)		·····				
	Salado Yates	SE	AFIACE		90 'Sa		oil or gas producer	
	7 Rivers		LIONS OF,		75 Po	ssible	oil or gas producer	
	Queen		s.	<u>+</u> 34	15 <b>'</b> 0i	1 and g	jas	
4.	Penrose Run 8-5/8" OD,	Run 8-5/8" OD, K-55 new casing to +500' and circulate cement to surface. Bup 52" OD						
	15.5#, K-55 new casing to 1. D. $\$ and cement with a sufficient amount to circulate up into							
5.	surface casing in two stages. Casinghead will be a 10" 900 series w/a 3000 psi rating. Blowout preventors: Hydraulic, double ram, 10". One set of rams will be provided for							
each size drill pipe in the hole. One set of blind rams at all times. Fil							1 times. Fill line will be	
	2", kill line will be 2", choke relief line will be 2" with variable choke. BOP's will be installed, tested and in working order before drilling below surface casing and shall							
be maintained ready for use until drilling operation						ng belo re comp	W surface casing and shall	
~	tests will be recorded in the drillers logs.							
6.	We will use; spud mud = $0-\pm500'$ . (8.5 - 9.0 lb. per gallor) Bring gel = $500'$ -TD. (9.0 - 10.0 lb. per gallon)							
7.	Auxiliary Equipment							
	a. Kelly cock will be in use at all times.							
	<ul> <li>b. Stabbing valve to fit drill pipe will be present on floor at all times.</li> <li>c. Mud monitoring will be visual, no abnormal pressures are anticipated in this ares.</li> </ul>							
	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.	8. This well will be pump tested after recovery of any load oil or water. No corps will be							
	taken. ULL-GR, UNL-FDC-GR callper, and BHC Sonic logs will be taken. Any other evalua							
9.	cion that may be necessary during the drilling of this well will be conducted as needed							
	prevention equipment.							
10.	10. The drilling of this well will take approximately eight days. The gas is not dedicated							
11.	to any purchaser as of this date. 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, spil and accidents involving life-threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operation							on blowouts, fires spills	
							ife. Prior approval will	
	plug back work,	casing repa	ir work or	correctiv	ig program ve cementir	ig opera	ations.	
IN ADDA							- <b>F</b>	
	f proposal is to drill or o r program, if any.	deepen directionally	posar is to deeper , give pertinent o	n or plug back, lata on subsurf	give data on pre ace locations and	esent produ d measured	clive zone and proposed new productive and true vertical depths. Give blowout	
24.	ΔΛ .Λ .							
BIGN	B_A.A.M	les-		Div. Pr	oduction M	lanager	ADD 1 4 1077	
(T.)	s space for Frderal or St	te office use)					*XPPROVED	
		·					AS AMENDED	
PERM PERM	UT NO	<u></u>		APPROVA	. DATP	····	1977	
APPR	OVED BY	PPROVAL TO	TITI.	6	·		PERNARD MOROZ	
2034		HILE DRILLING AN	E GRANTED				ACTING DISTRICT ENGINEED	

CONDITIONS OF APPROVAL IF ANAPPROVAL TO FLARE GRANTED WHILE DRILLING AND TESTING."