COMMITTORS OF APPROVAL, IF ANY:

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY					14-20-603-323	14-20-603-323		
APPI KATIC	ON FOR PERMIT	TO DRILL	DEED	EN OP DI	IG PA	CV	6. IF INDIAN, ALLOTTE	
THE OF YOUR	JIV I ON I ENVIII	TO DRILL,	DELI	LIV, ON PLC	JO BA	ick _	Gle-Na-Nup-Pa	
D	RILL []	DEEPEN		PLUG	BACK	ΚX	7. UNIT AGREEMENT N	
AMBO OF WALL	048 67						Central Bisti	
100 to 10	WHLL IN OTHER	***************************************			MULTIPLE SONE		8. FARM OR LEASE NAI	
	LLOPMENT COMPANY						Gle-Na-Nup-Pa	th
The second second							9. WELL NO.	
	w Derri Ochen	ces Company	7				CBU 57 10. FIBLD AND POOL, 0	
LANGER OF PROS	of the Southwest (Metert lesslies dearly a	BICK. An	narili	O. Texas 7	79109	····	Wildcat	S WILDCAT
	FSL; 1980 FEL				•		11. SBC., T., R., M., OR SLE. AND SUBVET OR AREA Sec. 5, T25N, R12W	
At proposed prod. :		Sec. 3						
Sáme	1							
andrades in bein	S AND DESCRION PROBE NO	ARMST TOWN OR PO	ST OFFIC	B+	· 		12. COUNTY OR PARISH	13. STATE
23 miles a	outh of Farming	ton, New Me				ļ	San Juan	N. Mex.
THE PERSON NAMED IN	101 101		16. N	G. OF ACRES IN LEA	18B 1		F ACRES ASSIGNED	
	t Life, Fr. etg. natt line, if any)	660'		160		40		
MARIOT WELL,	PRILLING, COMPLETED,	2221		ROPOSED DEFTE	2	20. BOTARY OR CABLE TOOLS		
	PRIS LEASE, PT. whether DF. RT. GR., etc.)	990'	PBD	1180 KB		Rota		
6188 BF	6190 K	n.					22. APPROX. DATS WORK WILL START*	
	0190 K						September 2	8. 1 974
		PROPOSED CAS.	ING AN	D CEMENTING PE	ROGRAM			
AME OF ROLE	SIES OF CASING	WSIGHT PER	POOT	SETTING DEPT	H		. QUANTITY OF CEMEN	T
7 7/8"	5 1/2"	15.5#		5060'		100 sx		
		-						·
4780'-4800 5060' and operforation It is also on top of and cement then be per	nt productive zet; 4846'-4854'; cemented with 40 ns be squeezed o planned to set wire line plug. ed back to 8 5/8 rforeted for production of deepen direction lay.	and 4861'-4 00 sacks. off with cer a wire lin The 5 1/2 3" casing so oduction from	872' It is ment e plu 'cas et at cas 10'	with the 5 proposed the proposed the with top of g at 1400' at 1400' at 1400' at 1100' at 110	1/2" chat the cement and a perform 5 1/2".	e Love cemer rated v cas	yer Gallup ig at 4600'. it plug I at 1300' sing will C. A.	Dew productive
- / //	W3	T	TLB	Production	Engin	eer	DATE 9/30/	74
(Enlayingace for Fed	deral or State office use							
PERMIT NO.	/			APPROVAL DATE				

hmoce. the following to addenting affection:

Burined propagational said to the land to dried to apple

Condition to paral to the process to a sort the process to repart is lated 10. 4. 74. Thanks is 48

Form approved. Budget Bureau No. 42-R1486.

(Other instructions on reverse side)

UNITED STATES

e de la companya de l	DEPARTMEN	T OF THE IN	TERIOR	•	5. LEASE DESIGNATION	N AND BURLLY MO	
GEOLOGICAL SURVEY					14-20-603-323		
APPI KATIO	ON FOR PERMIT	TO DRILL D	EEPEN, OR PLUG	BACK	6. IF INDIAN, ALLOT	TER OR TRIBE NAME	
In THE OF THE	OIT I OIT I ERIVIII	I DRILL, D	ELITA, ON TEOO	DACK	Gle-Na-Nup-1	Pah	
	ORILL []	DEEPEN [PLUG BA	VCK KX	7. UNIT AGREEMENT	NAME	
A MARK OF WHILE					Central Bist		
	WHALL AND OTHER		ENOE SONE	IPLS	S. FARM OR LEASE N		
2 Mars 44 exercises				7.	Gle-Na-Nup-I	Pah	
	ELOPMENT COMPANY				9. Wall No.		
510 Book	% Earth Science	ces Company			CBU 57	<u> </u>	
Laborate of Park	(Resert leastles dearly as	BIGG. Amer	illo, Texas 7910 any State requirements.*))9	10. FIRED AND POOL, OR WILDCAT Wildcat		
			,		11. \$8C., T., R., M., OR BLK.		
At proposed pred.	FSL; 1980 FEL :	Sec. 5			AND SURVEY OR	ARBA	
Sem					Sec. 5, T25N, R12W		
A 1000,000 19 1000.0	M AND DESCRION PROM HE	ARBOT TOWN OR POST	office.		12. COUNTY OR PARISH 13. STATE		
23 miles	outh of Farming	ton, New Mexi	.co		San Juan	N. Mex.	
20. 2002 FROM PROPOSED* 16. NO. OF ACRES IN LEASE 17. NO.					OF ACRES ASSIGNED THE WELL		
(district on Least Live, pr. 660 1 160					40		
M. PERLICO FROM PROFOSED LOCATION* SO MEASURY WILL, DRILLING, COMPLETED,			1		ROTARY OR CABLE TOOLS		
# AND POR. ON THE LAME, 12. 990'			PBD 1180 KB		Rotary		
	whather DF, RT, GR, etc.)	_			22. APPROX. DATE V	VORK WILL START*	
6188 DF	6190 KI			 	September	28 , 1974	
		PROPOSED CASING	AND CEMENTING PROGR	RAM			
6188 OF SOLE	SIRE OF CARING	WRIGHT PRE POO	T SETTING DEPTH		QUANTITY OF CEMENT		
7 7/8"	5 1/2"	15.5#	50601	100	100 sx		
Prese	ent productive zo	one is the Lo	wer Gallup S and p	erforat	ed from		
4780'-48 00)'; 4846 '-4 854' a	and 4861 -487	2' with the 5 1/2	" casin	g se t a t		
5060' and	cemented with 40	00 sacks. It	is proposed that	the Lo	wer Gallup		
perforation	ons be squeezed o	ott with ceme	nt with top of ce	ment pl	ug at 4600'.		
			plug at 1400' and				
			casing will be pe at 305'. The 5				
	rforeted for pro			1/2. CB	The same of the sa		
-	•			P. Constant	RECL	,	

U.S. GEOLOGICAL SURVEY

FARMALION, I.S. FARMAL ml is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout gram, if any.

PERMIT NO.

APPROVED BY .. COMMETIONS OF APPROVAL, IF ANY :