30-045-24938
5. LEASE DESIGNATION AND BERIAL NO.

Form 9-331 C (May 1963)

1 - File SUBMIT IN TRIPLICATE.

(Other instructions on reverse side)

	approved Bureau		42-R1425.
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UNITED STAT	ΓES
DEPARTMENT OF THE	INTERIOR

GEOLOGICAL SUBVEY

	GEOLC	GICAL SURV	EY				SF 078502A	
APPLICATION	Y FOR PERMIT	TO DRILL,	DEEPEN	N, OR PI	LUG BA	CK_	6. IF INDIAN, ALLOTTER OR TRIBE NAME	
la. TYPE OF WORK	u 1	DEFORM		Dt I	JG BACK		7. UNIT AGREEMENT NAME	
b. TYPE OF WELL		DEEPEN	⊔ .	PLC	O BACK			
	ELL XX OTHER		, SING		MULTIPLE Zone	\Box ,	8. FARM OR LEASE NAME	
2. NAME OF OPERATOR	AN THE						Hardie /	
Jerome P.	McHugh					1	9. WELL NO.	
3. ADDRESS OF OPERATOR		07403				1	#4E 10. PIRLD AND POOL, OR WILDCAT	
P 0 Box 20	8, Farmington,	NM 8/401	th any Sta	to requiremen	te •)	-	Basin Dakota —	
At surface	' FNL - 790' FI	.2		200	, .c.α\]	11. SEC., T., B., M., OR BLK.	
At proposed prod. zon	4		L	9	1 100		AND SURVEY OR AREA	
At proposed prod. zon	/			FFB,	7 1081	19 ⁶⁷ .	Sec 24 T29N R8W	
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POS	T OFFICE.		1001 P		12. COUNTY OR PARISH 13. STATE	
	ast of Blanco,	NM	1	<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		San Juan NM	
15. DISTANCE FROM PROPO LOCATION TO NEAREST	r	201	1 %	60 L 64	60		F ACRES ASSIGNED HIS WELL (1) 320	
PROPERTY OR LEASE I (Also to nearest drig 18, distance from Prop	z. unit line, ir any)	90'	1	OSED DEPTH		ROTAE	RY OR CABLE TOOLS	
TO NEAREST WELL, D OR APPLIED FOR, ON THE	RILLING, COMPLETED, 1	500'	i .	791			Rotary	
21. ELEVATIONS (Show who				30			22. APPROX. DATE WORK WILL START	
6430' GR							April 15, 1981	
23.		PROPOSED CASI	NG AND	CEMENTING	PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	тоот	SETTING D	ертн		QUANTITY OF CEMENT	
12-1/4"	9-5/8"	32.3#		200'		150	cu.ft.	
8-3/4"	7"	23#		32251			cu.ft.	
6-1/4"	4-1/2"	10.5#		7579'		600 cu.ft.		
•	L. C. A. A. SOMED	ı	!				in third ecoministrative	
		.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a	17/	mud to S		0_5	y sû tên 290. 5/8" surface csg.	
Plan to sp	oud a 12-1/4" n to surface. Wi	ole and uri 11 than dri	li W/	8-3/4" h	nole w/ m	ud t	o a depth of	
cemented t	7" csg. and ce	ment to sur	face.	A 6-1/4	l" hole w	وراران	pe drilled	
w/ gas to	TD of 7579'; 4	½" csg. wil	1 be s	et and o	cement	y / 6	plant.	
of cement.								
			1		L . M	/ A.	iged _{eo} cleaned	
The Dakota	formation wil	I then be s	e lecti	very per			4 1981 1	
up after f	frac, well comp	reted and t	.bg. ru	III •	OIL	CON	COM.	
Well head	equipment: Ca	sing head -	10" 6	ioo serie	es (New)	DIST	. 3	
MCTT TICAG	Tu	bing head -	- 6" 80	00 series	s (New)			
GAS DEDICA	TED.							
IN ABOVE SPACE DESCRIBE	E PROPOSED PROGRAM; If	proposal is to dec ally, give pertiner	epen or plu it data on	ig back, give subsurface lo	data on prese ecations and m	nt prod leasured	uctive zone and proposed new producti d and true vertical depths. Give blowo	
preventer program, if an								
24.	mach	10	^	lgent		٠.	2-20-81	
BIGNED TOPON	D McHugh Tr	7	TLE	igen c		<u>-</u>	DATE	
(This space for Fede	eral or State office use)					<i>-:</i>		
DPD4/FM NO				PPROVAL DATE			APPPHYED	
PERMIT NO						Λ	ALLKOVED S VMENDED	
APPROVED BY		т	ITLE				DATE	
CONDITIONS OF APPROV	VAL, IF ANY:					/) MAR 1.0 1981	
						4	anus & Sim	
, ~	7_	*C_ I -		On Reverse	Side	\mathcal{O}_{D}	ISTRICT ENGINEED	
1		' 'SØØ Ineft	UCTIONS !	AU INGAGLIO	-41UK		IOTALO LANGUARY A	

OIL CONSERVATION DIVISION

Form C-102 Revised 10-1-78

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

		All distances must be	from the outer	boundaries of t	he Section.		
Operator		•	Lease				Well No.
Jerome P. McH	ugh		Hardi	i e	· · · · · ·		4-E
Unit Letter Sec	tion	Township	Range		County		
E	24	29 North	8	3 West	San	Juan	
Actual Footage Location	of Well:						
1800 100		orth line one		feet	from the	West	line Dedicated Acreage:
Ground Level Elev.	Producing For	mation	Pool				
6430	Dakot			n Dakota			320 Acres
	one lease is	ted to the subject to					ereof (both as to working
dated by comm	unitization, u No If an	nitization, force-poonswer is "yes;" type	ling.etc?	ation <u>CO</u>	mmuniti	zation	all owners been consoli- ted. (Use reverse side of
this form if ne	cessary.) aill be assigne	ed to the well until a	ll interests	have been c	onsolidate	ed (by comm	nunitization, unitization, approved by the Division.
	-		I			-	CERTIFICATION
SF 078502 A		Sec. 24			MAR I I	Name Jerom Position Agent Company Dugan Date 2-20-	RISEN Well location the plan of the plan of the period from field with the same and come to the best of my
Hardie #4 						Pate Surveye Februa Registered P and/or Land Certificate N	ary 3, 1981 Professional Engineer Surveyor L. Risanhoover

