Form 9-331 C

CONDITIONS OF APPROVAL, IF ANY:

## SUBMIT IN TRIPLICATE\*

Form approved. Budget Bureau No. 42-R1425.

(May 1963)	UNIT DEPARTMENT	ED STATES	rev	erse side)	30 -045 - 20683					
		SICAL SURVEY			NM 12030	, NO.				
APPLICATION	FOR PERMIT T			IG BACK	6. IF INDIAN, ALLOTTEE OR TRIBE?	VAME				
a TYPE OF WORK	L XX	DEEPEN		BACK [	7. UNIT AGREEMENT NAME					
b. Type of Well	s VY			KULTIPLE	S. FARM OR LEASE NAME					
WELL WF	S OTHER		ZONE Z	ONE L.	Nassau					
Jerome P. McHu	gh				9. WELL NO.					
Box 234, Farmi	ngton, N. M. 8	7401			10. FIELD AND POOL, WILDCAY Basin Dakota					
4. LOCATION OF WELL (Re At surface	port location clearly and	in accordance with	any State requirements.	•)	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA					
At proposed prod. zone	, 790' fn	1, 910' fel			Sec. 36, T27N, R12W	1				
14. DISTANCE IN MILES A	ND DIRECTION FROM NEAR	EST TOWN OR POST	OFFICE*		12. COUNTY OR PARISH 13. STAT					
	S.W. Bloomfield				San Juan N. M					
15. DISTANCE FROM PROPO LOCATION TO NEAREST		790'	16. NO. OF ACRES IN LEA		o, of acres assigned o this well 320					
PROPERTY OR LEASE I. (Also to nearest drig 18. DISTANCE FROM PROPE	. unit line, if any)		640	20. ROT.	). ROTARY OR CABLE TOOLS					
TO NEAREST WELL, DE OR APPLIED FOR, ON THI	HLLING, COMPLETED,		6230'	Ro	Rotary					
21. ELEVATIONS (Show whe	ther DF, RT, GR, etc.)	· · · · · · · · · · · · · · · · · · ·			8/8/70	TART				
23.	P	ROPOSED CASING	AND CEMENTING P	ROGRAM						
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO		тн	QUANTITY OF CEMENT					
12 1/4"	8 5/8"	24#,	200		175 sx. 500 sx.					
7 7/8"	4 1/2"	10.5#	6230'		300 SA.					
					RLULIVLE					
	ŧ			: 	AUG 1 0 1970					
Plan to drill	7 7/8" hole wi	th mud to Da	akota formation	1.	OIL CON. COM.					
					cture Dabeta					
If productive	, set 4 1/2" ca	sing, select and nut well	l on production	.e anu rrac l.	ture bukous					
cleanout, run	1 1/4" tubing	and put her.	on production							
		1		:						
		l l	. 1		general state of the state of t					
			1							
			1							
				-						
zone. If proposal is to	drill or deepen direction	proposal is to deep ally, give pertinent	en or plug back, give da data on subsurface loca	ta on present prations and measu	oductive zone and proposed new proposed new proposed and true vertical depths. Give	oductive blowou				
preventer program, if an 24.	19.									
	l signed by T. A.	Dugan TIT	Engineer_		DATE 8/7/70	·				
(This space for Federal	eral or State office use)									
PEDMIT NO	1		APPROVAL DATE _							
PERMIT NO.				REC	CEIVED					
ADDDOUPD BY	<u> </u>	TIT	LE		Plant I V Direction					

AUG 7 1970 \*See Instructions On Reverse Side U. S. GEOLOGICAL SURVEY

## NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACERAGE DEDICATION PLAT

		, All disto	nces must be tro	om the outer bou	modries of the Sect	TIOR		
Operator		<del>-</del>	i	Lease			Well No.	
JEROME P	. McFUGH			Nassau			11111	
Unit Letter	Section	Township		Range	County			
Α	36	27	North	12 Wes	t :	San Juan		
Actual Footage Lo	cation of Well:							
<b>7</b> 90	feet from the	North	line and	910	feet from the		line	
Ground Lever Elev. 6029		Formation Kota		Pool Basin		[	Dedicated Mereage: 320	Acres
interest and ro	oyalty),	i					of (both as to s	
3. If more the by communitize	an one lease of zation, unitizati	different own on, force-pool	ership is dedic ing. etc?	cated to the w	vell, have the in	terests of all c	owners been consc	lidated
( ) Yes (						. 1	(LULIY LD	<del>}</del>
nacessary)			1			1	ktsG sipeOo19710s	
No allowable	will be assigned	to the well un	til all interests rd unit, elimina	s have been co ating such int	onsolidated (by erests, has been	communitied approved by	lon COM. COM. the Commission.	forced-

Sec.

## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Original signed by T. A. Dugan Name Thomas A. Dugan Position Engineer Company Jerome P. McHugh Date 8/7/70 ereby certify that he location shown on notes of actual N By supervision, and to the best of my Date Surveyed July 24, 1970
Registered Professional Engineer and/or Land Surveyor Certificate No. 3602

5-1414066

NEW MEXICO OIL CONSERVATION COMMSSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

														IVED	riten /	
Туре		Initial			Ar	nnual			Spec		Test Da 9-3			SEP	4 1970	
Comp	gny Crom	2 P	14	13 Alug.	~	Connec									ON. COM.	
Pool	Post 140	Do	ho	/ a		Format	ion						Unit		31.3	
Completion Date Total Depth							Plug Back TD Elevation 6/75 6042 L'LB  Perforations:						Farm or Lease Name			
Csq. Size Wi. d Set At						Perforations:						Well No.  / Unit Sec. Twp. Rge.				
Thg.	Sizo Wt. d Set At			At (2.32.	P.	rom	18:	۲٠/ ۲۰	• •	······		Unit Sec. Twp. Rige. <i>A</i> 36 27 <i>N</i> 12.22  County				
Csq. Size  4.50°  10.5"  Tbg. Size  Wi.  1.31°  Type Weil - Single - Fradenhead - G.G. or G.O. Multiple  Froducing Thru  Reservoir Temp. °F  Mean Annual Temp. °F																
F'rod	icing Thru	Jog F	leservo	oir Temp. *F	1	Mean An	nual T	emp. °F	Baro, Pres	15	Pa	1	State New Mexico			
	L H Gq ,65			% CO 2		% N 2	% H <sub>2</sub> S		Prover		Meter	Run	n Tops			
			لــــــــــــــــــــــــــــــــــــ	OW DATA				1	TUBI	ING	DATA	С	ASING	DATA	Duration	
NO.	Prover Line Size	Α .	rifice Size	Press. p.s.i.q.		Diff,		Temp. *F	Press.			Temp. Pre		Temp.	of Flow	
SI 1.									1886		<del> </del>	18		-		
2.	3/4"	13 -		165	1							13	15		3 HRy	
4.																
5.					_ــــــــــــــــــــــــــــــــــــــ	RATE	FOF	FLOW	CALCUL	ATI	ONS			l		
NO. (24 Hour)		1		Flov	ow Temp. Factor Ft.		Gravity Factor Co		Super ompress. ctor, Fpt	- 1	Rate of Flow Q, Mcfd					
1 2. 12.345 17.					7 1.000 .960î /			017 2139								
3													<u> </u>			
5. NO.	P <sub>t</sub>	Temp.	•R	Tf		z			drocarbon l						Mcf/bbl.	
1							Specific Gravity Separator Gas XXXXXXX									
3.						1	Specific Gravity Flowing Fluid XXXXX  Critical Pressure P.S.I.A. P.S.							P.S.I.A.		
4. 5.								-						_ H	R	
Pc_ NO	1905 Pt2	P <sub>c</sub> <sup>2</sup>		<i>ે ે. ે?</i> ડ R <mark>v</mark> ²	P <sub>c</sub> 2	- P <sub>w</sub> <sup>2</sup>	(1) <u>_</u>	P <sub>C</sub> 2	<del></del> = _	1.9	9426	(2)	Pc <sup>2</sup>	n / =	1,6454	
1 2		132	7	1, 160,929		2091				_				" .J		
3							AOF	= Q	Pc <sup>2</sup> - Rc <sup>2</sup>	- "	=	320				
5										<del>-</del>						
Absolute Open Flow 3526								Mcid	€ 15.025	And	ie of Si	оре ⊕		Sic	ope, n 75	
Hemarks:																
Appl	roved By C	ommission	;	Conduc					Calculate				Checke	ed By:	<del></del>	
	1206s															