PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

rm 9-331 C	n 9-331 C 30 percent of the first					ማ፣ ነ ሮልሞድ የ	• form entrand to the Mills		
DEBY 1900)	· UNITED STATES (Other instructions on reverse side)						Budget Bureau No. 42-R1425.		
-	DEPARTMENT	,	30-039-20553						
		GICAL SURVI		.			5. LEASE DESIGNATION AND SERIAL NO. SF-079296		
A DDL IC A TION		 		1 OD 1	ILLIC D	A C14	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
	I FOR PERMIT	O DRILL, I	JEEPEN	N, OR F	LUG B	ACK	1 A A		
	LL X	DEEPEN [PL	UG BAC	к 🗆	7. UNIT AGREEMENT NAME		
TYPE OF WELL OL GA WELL W	S X OTHER		81NG ZONI		MULTIPL ZONE	• []	S. FARM OR LEASE NAME		
NAME OF OPERATOR	ELL (23) OTREE	· · · · · · · · · · · · · · · · · · ·	20NI		ZONE	:.	Buttram Federal		
Pubco Peti	coleum Corporat	ion			= 111 12		9. WELL NO.		
ADDRESS OF OPERATOR	- 1	M.	_{목 가는} 다 가 하다.						
	869, Albuquerq	•		/ 1/ 1	LIVI	77	10. FIELD AND POOL, OR WILDCAT		
At surface	eport location clearly and			,		}	Otero Chacra		
790 ¹ I	FSL & 855' FEL	of Section	19-26N	I-LOW VII	G1818	372 🐉	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA		
At proposed prod. zon		s above		/ AU	u	OM Y	Sec. 19-26N-6W		
DISTANCE IN MILES	AND DIRECTION FROM NEA		r office*	101L	CON.	/	12. COUNTY OR PARISH 13. STATE		
18 miles	southeast of B	lanco			DIST.		Rio Arriba New Mexico		
DISTANCE FROM PROPO LOCATION TO NEAREST	SED*		16. No.	OF ACRES IN	LEASE		F ACRES ASSIGNED		
PROPERTY OR LEASE L (Also to nearest drig	INE, FT.	790 '	ϵ	41.07		TO TE	160		
DISTANCE FROM PROP TO NEAREST WELL, DE	OSED LOCATION* RILLING, COMPLETED,	19. PROPOSED DEPTH 3900 +			20. ROTARY OR CABLE TOOLS Rotary				
OR APPLIED FOR, ON THE	ether DF, RT, GR, etc.)			7700 <u>+</u>		RO	22. APPROX. DATE WORK WILL START*		
ELEVATIONS (OHOW WITH		6	4441	L		•	September 1, 1972		
	1	PROPOSED CASI	· · · · · · · · · · · · · · · · · · ·		G PROGRA	м	1		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	OOT SETTING DEPTH				QUANTITY OF CEMENT		
12-1/4"	7-5/8"	24#		130'			100 sxs.		
6-3/4"	3-1/2"	7.7#		3900	3900' <u>+</u>		400 sxs.		
1 12" or 12-1 ox. 100 sxs. 30".	/4" hole, set Class "A" with	 7-5/8" (or 2% Calcium	larger Chlor	r) casir ride. V	ng at 1 VOC 18	80'±, d	cement to surface with test casing to 1000 psi		
						•	duction Electric Log.		
approx. 3900 100 sxs. Cla	of 3-1/2", 7. uss "C" neat.	7#, H-40 ca	sing,	cement	with 3	00 sxs	. of 65-35 poz. 10% Gel,		
sure test cas	sing to 3500 ps	i, WOC 48 ⁺	hours	•	•	* 13 (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)			
orate pay sa	nds, fracture w	ith 30,000	-50,000	gals.	Sand-w	ater f	rac as need is indicated.		
1-1/4" unload	der tubing stri	ng; flow to	clear	n up; p	otentia	l test			
ABOVE SPACE DESCRIBE	drill or deepen direction:	proposal is to deep	pen or plu	g back, give	data on pr		uctive zone and proposed new productive d and true vertical depths. Give blowout		
Char	1. The	den	Δ-	ea Prod	uction	Manage	r August 15, 1972		

1a. TYPE OF WORK DEEPEN DRILL [X] PLUG BACK b. TYPE OF WELL WELL WELL X 2. NAME OF OPERATOR Pubco Petroleum Corporation 8. ADDRESS OF OPERATOR P. O. Box 869, Albuquerque, New Mexico 8710 4. LOCATION OF WELL (Report location clearly and in accordance with any State AUG 18 1972 790' FSL & 855' FEL of Section 19-26N-6W At proposed prod. zone OIL CON. CON Same as above 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* DIST. 18 miles southeast of Blanco 15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig, unit line, if any) 16. NO. OF ACRES IN LEASE 17. 641.07' 790' 18. DISTANCE FROM PROPOSED LOCATION* 19. PROPOSED DEPTH 20, TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3900° + 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6444' GL 23. PROPOSED CASING AND CEMENTING PROGRAM SETTING DEPTH SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT 24# 12-1/4" 7-5/8" 130' + 6-3/4" 3-1/2" 7.7# 3900 T Drill 12" or 12-1/4" hole, set 7-5/8" (or larger) casing at 180' approx. 100 sxs. Class "A" with 2% Calcium Chloride. WOC 18 hrs for 30". Drill 6-3/4" hole to approx. 3900', run Gammaray-Density Log and Run approx. 3900' of 3-1/2", 7.7#, H-40 casing, cement with 300 plus 100 sxs. Class "C" neat. Pressure test casing to 3500 psi, WOC 48⁺ hours. Perforate pay sands, fracture with 30,000-50,000 gals. Sand-wate Run 1-1/4" unloader tubing string; flow to clean up; potential t Pipe rams will be tested each tour; blind rams each trip.

N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present sone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and me preventer program, if any. 24. Area Production Mar (This space for Federal or State office use)

APPROVAL DATI

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

Operator				L	ease		THE DECISE		Well No.			
PUBCO PETROLEUM CO.					В	UTTRAM FE	DERAL		5			
Unit Letter P	1		26 N	Range 6 W		County RIO ARRIBA						
Actual Footage Loc	ation of \				_1	- · · · · · · · · · · · · · · · · · · ·	1.,	ATO ARREBA				
790 feet from the south line and 855 feet from the east line												
Ground Level Elev.	P	roducing Form		Po	ool	04			icated Acreage:			
OE_4 (100) Acres												
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.												
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both the following interest and royalty).												
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?												
Yes. No If answer is "yes;" type of consolidation NA OIL CON COM.												
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)												
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.												
	1	-			1			CE	RTIFICATION			
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1					i			I hereby certif	y that the information con-			
	j								s true and complete to the wledge and belief.			
	1				1		.]		wreage and power.			
1	1				i		İ	Nome	/ Landing			
	+				1-			Charles W.	Sanders			
	1	•			i		·	Position Area Produ	ction Manager			
	 				}				oleum Corporation			
	i				1		·	August 15,	1972			
	1		SECTI	ON 19								
1	1					,			4 4 4			
	1			SF-07929	6		- 1	1	fy that the well location plat was plotted from field			
	İ				1	·	-	1	I surveys made by me or			
	1				1	,	.	1	vision, and that the same			
	 				i		I	is true and co	orrect to the best of my belief.			
	+				+		- -		7, 1972			
	i i				1	0-85	55	Date Surveyed Stephe	en H. Kinney			
	i i	,			! !	2		Registered Profes and/or Land Surv	-			
					! 	K		Stephen	H. Karacaya			
District Control					****	Address Section 1		Certificate No.				