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Form 3160-3 (November 1983) (formerly 9-331C)	Draver DD Artesia, NM 80.10 UNITED STATES JUN 1 1 Stresside							
	DEPARTMEN BUREAU OI	F LAND MANAG		_{JT} O. C. D.		5. LEASE DUBIGNATION LC-029415		
APPLICATIO	ON FOR PERMIT	TO DRILL, D	EEPI	ARTESIA, OFFICE	ACK	6. IF INDIAN, ALLOTTE	OR TRIBE NAME	
1a. TYPE OF WORK	RILL X	DEEPEN [PLUG BAC		7. UNIT AGEBEMBET N	AKN	
D. TYPE OF WELL OIL WELL	GAS OTHER					8. FARM OR LEASH NAI	K.J	
WELL LAJ 2. NAME OF OPERATOR	WELL OTHER					Puckett "B"		
	William A. & E	dward R. Huc	ison ″	146-252	5	9. WELL NO.		
3. ADDRESS OF OPERATO				f		31		
J. ADDRESS OF CLEARIN	Box 198, Artes	ia. New Mexi	ico 8	18210 Gran		10. FIELD AND POOL, C	WILDCAT	
	(Report location clearly an				_	Maljamar (G-S	A)	
At surisce					. Х	11. SBC., T., E., M., OR		
1295	' F. S. & 330' F	• E. lines o	DI SE		_	AND SURVEY OR AN	LEA	
At proposed prod. :	sone			ut.	ρ	Sec. 25-17S	-31E	
14. DISTANCE IN MILE	S AND DIRECTION FROM NE.	AREST TOWN OR POST	OFFIC	•		12. COUNTY OR PARISH	13. STATE	
	6 miles SW of	Maljamar. Ne	ew Me	xico		Eddy	NM	
15. DISTANCE FROM PR	opused.	,		. OF ACRES IN LEASE		F ACRES ASSIGNED		
LOCATION TO NEAR PROPERTY OR LEAS		330'		640	Wate	rflood Project		
18. DISTANCE FROM PI	OFOSED LOCATION*		19. PH	OPOSED DEPTH	20. BOTA	BY OR CABLE TOOLS		
TO NEAREST WELL OR APPLIED FOR, ON	, DRILLING, COMPLETED, THIS LEASE, FT.	30'		3950'		Rotary		
	whether DF, RT, GR, etc.) 72' gr.				, 	22. APPBOX. DATE WO July 15,		
23.	· · · · · · · · · · · · · · · · · · ·	PROPOSED CASIN	IG ANI	CEMENTING PROGRA	.м			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER PO	от	SETTING DEPTH		QUANTITY OF CEME	NT QUE	
121,11	8 5/8" OD	24# T=55		~800'- Set	600 s	x. class "C" +	2% CaellATE	
		~ [abour so	Dt.	19. P		
7 7/8"	5 ¹ 2" OD	15.5# J	55	3950'	500 s	Ex class "C"	·····	

It is proposed to drill this well with rotary tools to a depth of approximately 3950'. Production string will be cemented near bottom, and pays will be perforated and treated with acid or frac. All casing will be new. It is anticipated that approximately two months will be required to drill and complete well. This is an in-fill development well. The unorthodox location was approved by the New Mexico Oil Conservation Division, Order No. R-5473, Case No. 5952, dated June 21, 1977.

See Attachment for additional data.

Post. a. P.J. 20-12- hf B k. 6-15-84

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive sone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Ralfle Larrier	Consultant	May 15, 1984
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	6-8-84
CONDITIONS OF APPROVAL, IF ANY :		APPROVAE SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS
••	See Instructions On Reverse Side	ATTACHED

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form C-10 Superseder	-	9
Effective	1-1-65	3

WILLIAM A. & EDWARD R. HUDSON, INC. PUCKETT "B" 31 nit Letter Section Township Range County p 25 175 31E EDDY ctual Footage Location of Well: SOUTH Line and 330 test from the EAST			All distances mu	t be from the outer b	ounderses of the Section	l	
prime 17S 31E EDDY rand Policy Location of walt: SUCTIL Image and 330 meet them me EASI inter 1295 for them mix SUCTIL Image and 330 meet them me EASI inter inter <tdinter< td=""> inter <tdinte< td=""><td>Operator WILLIAM A.</td><td>& EDWARD R.</td><td>HUDSON, INC.</td><td></td><td>KETT "B"</td><td></td><td>1</td></tdinte<></tdinter<>	Operator WILLIAM A.	& EDWARD R.	HUDSON, INC.		KETT "B"		1
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1293 feet term the SUUTI ina and 330 feet term the FAST interest 1372.0 Producting Producting Provide Arrays Producting Arrays Producting Arrays 100 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 as to working interest and royally). 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?			_		,,,,,	·······	
1372.0 Grayburg -Sau Andres Mulfamer (G-SA) 40 Access 1. Outline the acreage dedicated to the subject well by colored pencil or bachure marks on the plat below. 9. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interests and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated for communitization, unitization, force-pooling etc? Yes No If answer is "yes," type of consolidation			SOUTH line	and 330	feet from the	EAST	line
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WILLIAM A. & EDWARD R. HUDSON - PUCKETT "B"

pressures.

ADDITIONAL DATA

PUCKETT "B" #31

1. Surface formation is recent sands and caliche.

2. Estimated tops:

T. Anhydrite - 755' T. Salt - - - 870' ~ 810 B. Salt - - - 1900' T. Red Sand - 3095'

- 3. It is expected that oil and gas will be encountered within the depths of 3750 to 3950'
- 4. Casing (See Form 3160-3)
- 5. Pressure Control Equipment (See attached diagram).
- 6. No special mud will be used. Drilling will be done with water and natural mud formed by drilling red beds and shales. Before running casing, some mud of suitable qualities will be spotted to keep hole clean.
- 7. Auxiliary equipment not applicable.
- 8. No tests will be made before cementing casing, and no cores will be taken. Logs will be Gamma-ray and Compensated Neutron and Cement Bond log.
- 9. No abnormal pressures or temperatures are anticipated, or special hazards.
- 10. It is expected drilling will be commenced about July 15, 1984, and well should be completed within 60 days after reaching T.D.







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