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,		r of the inter		فيأبيد بيدر الكدهم	5. LEASE DESIGNATIO	N AND BERIAL NO.
	GEOLC	GICAL SURVE Xrtg	sia, NM 882	10	LC-067132	
APPLICATION		TO DRILL, DEEPI		and the second	G. IF INDIAN, ALLOTT	EE OR TRIBE NAME
la. TYPE OF WORK DRIL b. TYPE OF WELL	L X Re-entry	DEEPEN	PLUG	BACK	7. UNIT AGENEMENT	NAME
OIL GAS WELL X GAS NAME OF OPERATOR	LL OTHER			NE	S. FARM OR LEADE N	AME
Yates Drilli	ng Company		RECEIVE	D BY	Denton Hove 9. WELL NO.	er
4. LOCATION OF WELL (Rep At surface	h Street, Arte Port location clearly and 'SL & 1980' FEI	1	tate Horitements.		10. FIELD AND POOL, Loco Hills-Q 11. SEC., T., B., M., OF	-Grb-SA
At proposed prod. zone Same			O. C. E ARTESIA, OF	D. VI.D Frice	AND SURVEY OR	AREA
14 DISTANCE IN MILES AN	D DIRECTION FROM NEA	REST TOWN OR POST OFFICE	•		Unit O, Sec. 12. COUNTY OF PARIS	20-185-29E
9 miles sout	hwest of Loco	Hills, N.M.			Eddy	N.M.
 DISTANCE FROM PROPOSILOCATION TO NEAREST PROPERTY OR LEASE LIN (Also to nearest drig. DISTANCE FROM PROPOSITO NEAREST WELL, DUL OR APPLIED FOR, ON THIS ELEVATIONS (Show wheth 	NE, FT. unit line, if any 6 sed location* LLING, COMPLETED, LEASE, FT. 13	60'	. OF ACRES IN LEAS 440 0708ED D2PTH 25851	то т 20. вот	of ACBES ABBIGNED THIS WELL 40 ARY OR CABLE TOOLS ary-Reverse Un	
3458' DF					22. APPROX. DATE W	OB& WILL START.
3.	ſ	ROPOSED CASING AND	CEMENTING PRO	GRAM	ASAP	-
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEM	ENT
12 1/4"	8 5/8"	2.4#	350'	229	5 sxs Circu	late
7 7/8"	5 1/2"	<u>15.5</u> #	2585		5 sxs. (Approx	
set @ 350' w	ith cement cir	ugs and clean or culated to the s well will be per	surface. Set	5 1/2" c	casing @ 2585'	and
BOP Program:		as originally di with no unusual	rilled and p pressure en	lugged an countered	nd later re-en l.	tered
Mud Program:	Fresh water	will be used to	350' then s	alt water	will be used	to T.D.
					Pc	isted

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone 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.

24. ٨ SIGNED TITLE Engineer DATE . 11-25-85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE .

12-6-85 DATK

APPROVAL SUBJECT TU GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

IDI-NL 12-20-85

with Hode alt APPROVED BY CONDITIONS OF APPROVAL.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2008 SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

distances	must be	from the	 havedailes	of the Contlos

			All distance	es must be f	rom the outer bounds	ries of th	e Section	۱.			
Operator · Yates Dri	illing	Company	\checkmark	N da 19 19 19 19 19 19 19 19 19 19 19 19 19 19 19	Leoso Donton H	lover		a. *		Well No. ·· 1	s eta el 10
Unit Letter	Sect	ion	Township		Flange	C	County			A	
0		20	185		29E		Eddy	County.	New Me	xico	
Actual Footage	Locution	of Well:						······································		* *	
660	lee	t from the	South	line and	1980'	feet f	rom the	East		line	
Ground Level El	ε۲.	Freducing F	erretion		Poul				Dedice	ited Acreoge:	
3458'	DF	Graybi	ırg		Loco Hills-	Q-Grb-	-SA			40	Actes
		• • • •									

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

- 2. If more than one lense is dedicated to the well, outline each and identify the ownership thereof (both as to working 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?

If answer is "yes," type of consolidation Yes X No

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 Division.

			i i	CERTIFICATION
			1 1 1	I hereby certify that the information con- tained herein is true and complete to the best of myrknow age and telief.
	• · · · · · · · · · · · · · · · · · · ·			Name Engineer
	8			Position Yates Drilling Company
				Company 12-2-85
				Date
		- 8		I hereby certify that the well location
				shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the some is true and correct to the best of my
		· ·	· · · · · · · · · ·	knowledge and belief.
1				SEE ORIGINAL.
t Î			1980'	Date Surveyed
8 2 1 1		660'		Registered Professional Engineer and/or Land Surveyor
930 000 90 13	70 161.0 1080 2810 264	10 2000 1300	0 001 0001	Certificate No.

YATES DRILLING COMPANY Denton Hover Federal #1 660' FSL & 1980' FEL Section 20-T18S-R29E Eddy County, New Mexico

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Yates Drilling Company submits the following items of pertinent information in accordance with BLM requirements.

- 1. The geologic surface formation is quartermary.
- 2. The estimated tops of gelogic markers are as follows:

Base of Salt	830'
Yates	975 '
Seven Rivers	1265 '
Queen	2008'
Grayburg	2320 '
Τ.D.	2585 '

3. The estimated depths at which anticipated water, oil and gas formations are expected to be encountered:

Water: possible in random sands from surface to 240' Oil and/or gas: possible in Seven Rivers, Queen and Grayburg at depth listed in item #2

- 4. Proposed casing program: See Form 9-331C
- 5. Pressure control equipment: See Form 9-331C
- 6. Mud Program: See Form 9-331C

7. Auxiliary Equipment: None

 2^{1-2}

Testing, Logging and Coring:
 DST: None
 Coring: None

Logging: GR/SNP, DLL/GR casing to T.D.

- 9. No abnormal pressures or temperatures are anticipated.
- 10. Anticipated Starting Date: As soon as possible after approval.

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