MM BIR A.v.

JAMES A. GILLHAM DISTRICT SUPERVISOR

Form 9-331 C (May 1963)	Drawer DD	210		·-	T IN TRIP er instruct	LICATE*	For Budg	m approved get Bureau	No. 42-R1	425.
(May 1900)		CD STATES		. 1	reverse Bide	. " -	30-00	5-614	160	
	DEPARTMENT	OF THE IN	TERI	IOR			5. LEASE DE		ND BERIAL	NO.
CISF	GEOLOG	SICAL SURVEY	<b>(</b>				NM 953			
APPLICATION	I FOR PERMIT T	O DRILL, DE	EPE	N, OR PL	UG BA	ACK_	6. IF INDIAN	, ALLOTTEE	OR TRIBE NA	.м Е
1a. TYPE OF WORK DRII	LL X	DEEPEN 🗆		PLU	IG BACK		7. UNIT AGE	REEMENT NA	ME	
b. TYPE OF WELL OIL GA	S X OTHER		SIN		MULTIPLE ZONE		S. FARM OR	LEASE NAM	E	
2. NAME OF OPERATOR	ELL COTHER							mson LO	: Feder	al
Yates Petrol	eum Corporation						9. WELL NO	). 		
			2 88	กโกร	8/97WZ		10 FIELD A	ND POOL, OF	WILDCAT	<del></del>
4. LOCATION OF WELL (Re	street, Artesia, eport location clearly and	in accordance with	any St	ate requiremen	its.*)	$-\langle X \rangle$		Slope A		
1980' FNL &	660' FWL			HY HV IID	24 1982		AND SU	R., M., OR B RVEY OR ARI	EA.	
At proposed prod. zon	e		Ţ.	kija – madi Mari	<i>⊶</i> 138,	W		-T8S-R2	!5E-	
14. DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POST	OFFICE:	On One	. & C/S	153.4	12. COUNTY	OR PARISH	13. STATE	
	NE of Roswell, N	M	16 Vo	U.S. GEOR <u>"Bosweil</u> ,	NIMAKA AAD	7100 1	Chaves	IGNED	NM	
15. DISTANCE FROM PROPU LOCATION TO NEAREST PROPERTY OR LEASE L	<b>.</b>			OF ACRES IN	LEASK		IIS WELL	4		-
(Also to nearest drig	g. unit line, if any)		1480 19. PRO	POSED DEPTH		20. ROTAL	160 OTABY OF CABLE TOOLS			
TO NEAREST WELL, D	RILLING, COMPLETED,			4225			Rotary	• *	Idi,	
21. ELEVATIONS (Show who				•				DX. DATE WO	RK WILL ST	ART
3606.6				·			AS	AP		
23.	F	ROPOSED CASING	G AND	CEMENTING	PROGRA	M			<u>; i ;                                  </u>	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO	OT .	SETTING D	EPTH		11 B W	TY OF CEMEN	(T	•.
14 3/4"	10 3/4"	48# J-55 15.5# or 10	0.5# TD			800 s		. <del>- 3 -</del>		<u></u>
/ //8"	42"	13.3# 01 10	3.5				<u> </u>	<u> </u>		÷
	1		l		!			3 : 1 경 : 1 경		र्के उ
We propose t	to drill and tes	et the Abo				ar	d inter	mediate	forma	rions
	ly 960' of	surface ca	sing	will be	set an					
gravel and o	caving. If need	led (lost ci	rcul	ation)	8 5/81	nterme	diate c	asing w	vill be	run
to 1500'	and cemented wi	th enough c	emen	t calcula	ated to	tie b	ack int	o the s	urface	oduot
casing. Ter	mperature survey be run and ceme	will be ru	n to	ate cove	ne ceme r. perf	nt top orate.	and st	imulate	ar, pr	eded
for product		enced with a	acqu	acc cove.	., per-			٠	5245	
· •		0.00	WOT	o otherwal	. +- 25i	nni B	່. ກາກຄິເລີ	KOL TA	TD:	
MUD PROGRAM	: FW gel and	LCM to 960'	KCL	& Starci	1 60 33		TTAIC OF ,			- N
BOP PROGRAM	: BOP's will be	e installed	at t	he offse	t and t	ested	daily.	ge calcu		) of the
							୍ଷ୍ଟ ଅନ୍ତ ଅନ୍ତର୍ଶ୍ୱ		-0	2x
GAS NOT DED	ICATED.							성의 11년 경우 11년	i i i i i i i i i i i i i i i i i i i	3-1
IN AROVE SPACE DESCRIB	BE PROPOSED PROGRAM: If	proposal is to deep	en or 1	plug back, give	data on pi	resent pro-	ductive zone	and propos	ed new pro	ductive
zone. If proposal is to preventer program, if an	drill or deepen direction	ally, give pertinent	data o	on subsurface l	locations ar	id measure	ed and true	ertical dept	Est Give o	
24.	1						Hear High	्रेड <b>S</b> क्रांक्र	32887	)
SIGNED SUCL	wolding	TIT	LE Re	gulatory	Manage	<u>r</u>		ロンシ	<u> </u>	
	leral or State office use)	-8-			<del></del>		12 12 12 12 12 12 12 12 12 12 12 12 12 1	igg ma	50.00	
		ROVED	-	APPROVAL DAT	r R		But but	9 E 8 G	15 C. C.	
PERMIT NO.	- AF	NO VID	_			T TO	1 2 E	2.50 2.50 2.50 2.50 2.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3	and in	
APPROVED BY		TIT	red	APPROVAL			AND DA	rij jo	2043 2724	
CONDITIONS OF APPRO	MAF	<u>₹ \\ 8 1982</u>		GENERAL	-		AND BE	101	Tago Estado Estado	
MOUE 100-	150' SOLAH		1	SPECIAL ATTACHE		TOM?	ed Li	878 407	and and and	

ATTACHED

245

Form approved. Budget Bureau No. 42-R1425.

## UNITED STATES DEPARTMENT OF THE INTERIOR

	5. LEASE DESIGNATION	AND SERIAL NO.					
	NM 9539						
APPLICATION	FOR PERMIT T	O DRILL, [	DEEPE	N, OR PLUG B	ACK	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
a. TYPE OF WORK DRIL	L X	DEEPEN [		PLUG BAC	ск 🗆	7. UNIT AGREEMENT I	NAME
b. TYPE OF WELL OIL GAS	s (\ <u>\</u> \)		SIN		LE	S. FARM OR LEASE NA	ME
WELL WE			ZON	E ZONE		Williamson I	LC Federal
	eum Cornoration	)				9. WELL NO.	
ADDRESS OF OPERATOR	eum Corporation					10. FIELD AND POOL,	OF WILDUAM
207 S. 4th St. LOCATION OF WELL (Re	Fecos Slope						
At surface 1980' FNL &						11. SEC., T., R., M., OR AND SURVEY OR A	BLK.
At proposed prod. zone						Sec. 9-T8S-1	5 중 환
A DIGRANCE IN MILES A	ND DIRECTION FROM NEAR	REST TOWN OR POS	T OFFICE			12. COUNTY OR PARIS	H   13. STATE
						Charge	NM
5. DISTANCE FROM PROPUS LOCATION TO NEAREST	E of Roswell, N	VI-1	16. NO.	OF ACRES IN LEASE	17. NO.	OF ACRES ASSIGNED THIS WELL	
PROPERTY OR LEASE LI (Also to nearest drig.	NE, FT. . unit line, if any) 66	50'	1480			160	<u> </u>
8. DISTANCE FROM PROPO TO NEAREST WELL, DR	ILLING, COMPLETED,		19. PRO	POSED DEPTH	20. ROT	ARY OR CABLE TOOLS	* * * * * * * * * * * * * * * * * * *
OR APPLIED FOR, ON THIS 1. BLEVATIONS (Show when			<u> </u>	4225	<u> </u>	Rotary   22. APPROX. DATE W	FORK WILL START
3606.6	mer br, mr, day only					ASAP	
3.	1	PROPOSED CASI	NG AND	CEMENTING PROGR	AM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER I	тоот	SETTING DEPTH		QUANTITY OF CEM	ENT
14 3/4" 7 7/8"	10.3/4"	48# J-55 15.5# or	10 E#	960'	800 450s	sx circ.	
7 7/8"	45"	15.5# Or	10.5#	TD			
					1 5		
We propose t	o drill and tea	st the Abo			а	and intermediat	e formation
Approximatel	y 960' o:	f surface c	asing	will be set a	nd cem	ment circulated	l to shut of
gravel and c	aving. If need	ded (lost c	ircul	ation) $\frac{85/8}{}$	dnterm	mediate casing	will be rur
to 1500'	and cemented ware	ith enough www.ill be r	cemen	t calculated t determine cem	o tie ent to	back into the	suriace ial produc
casing will	be run and cem	ented with	adequ	ate cover, per	forate	e, and stimulat	e as needed
for producti			•	•			A CAR
•		TOM to 960	I KCT.	& Starch to 3	5001.		TD.
MUD PROGRAM:	FW gel and	LCM CO 900	KCD	& Staron to 5		ال الله الله الله الله الله الله الله ا	্টাম্প্রি ভিয়াপ্ত
BOP PROGRAM:	BOP's will b	e installed	l at t	he offset and	tested	i daily.	
GAS NOT DEDI	CATED.						5 등 등 및 1 : 영향 및 4
	E PROPOSED PROGRAM : If	nronosal is to de	enen o <i>r</i> D	lug back, give data on	present pr	roductive zone and prop	osed new productiv
tone. If proposal is to	drill or deepen direction	ally, give pertine	nt data o	n subsurface locations	and measu	ired and true vertical de	pths. Give blowou
preventer program, if an 24.	1					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12387 12387
Shell	to long	3 2	ritta Re	gulatory Manag	er	DATE OF DATE	135-8-
Whis space for Wede	eral or State office use)	A					1 6 3 o 4
(Ans absect or plede	ciai vi piate vilite use)					Tend To end To end End End End End End End End End End E	- 15 m -
PERMIT NO.				APPROVAL DATE		22 C3 10 - 23 Pm 32 Pm 3	· Inda
ADDBOVEN BY		·	CITLE		<u></u>	DATE	* 등등으로 - = : = = = = = = = = = = = = = = = = =
CONDITIONS OF APPROV	VAL, IF ANT :	•					1 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
						rid (	្ត ស្ត្រ ស្ត្រាស្ត្រ ស្ត្រាស្ត្រ

## TW MEXICO OIL CONSERVATION COMM ON WELL LOCATION AND ACREAGE DEDICATION PLAT

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

interest and royalty).							
F 9 8 South 25 East Chaves  Actual Footage Location of Well:  1980 feet from the North line and 660 feet from the West line  Ground Level Elev. Producing Formation Abo Undes. Pecos Slope Abo 160  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 wo interest and royalty).							
Actual Footage Location of Well:    1980							
1980   feet from the   North   line and   660   feet from the   West   line							
Ground Level Else. Producing Formation 3606.6! Abo Undes. Pecos Slope Abo Dedicated Acreage: 160  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 wo interest and royalty).							
<ol> <li>Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</li> <li>If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to wo interest and royalty).</li> </ol>	**************************************						
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to wo interest and royalty).	Acres						
interest and royalty).							
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been con	2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).						
dated by communitization, unitization, force-pooling. etc?	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	<del></del>						
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse si	de of						
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization,	tion,						
forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Consion.	ımis-						
YPC CERTIFICATION							
NM 9539							
tained herein is true and complete befit of my knowledge and belief.	to the						
& Street Roles							
Norme Gliserio Rodriguez							
Position  Regulatory Manager							
- 660'							
Vates Petroleum Corpo	catio						
2/18/82							
shown on this plat was plotted from notes of actual surveys made by							
under my supervision, and that the							
is true and correct to the best	of my						
knowledge and belief.							
Date Surveyed 2/11/82							
Registered Professional Engineer and/or Land Surveyor							
Jan 295	<u>~</u>						
0 330 660 '90 1320 1680 1990 2310 2640'. 2000 1800 1900 800 0							

rradia dinovai	in reduci	(1 L )   -				
1980' FNL &	660' FWL					
tion 9-T8S-R25E						
Chaves Count	v. New Me	xico				

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

1. 7	[he	geologic	surface	$ \hbox{formation} $	is	sandy	alluvium
------	-----	----------	---------	----------------------	----	-------	----------

2. The estimated tops of geologic markers are as follows:

San Andres	445 '
Glorieta	1415'
Fullerton	2345' .
Abo	3522 <b>'</b>
TD	4225'

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

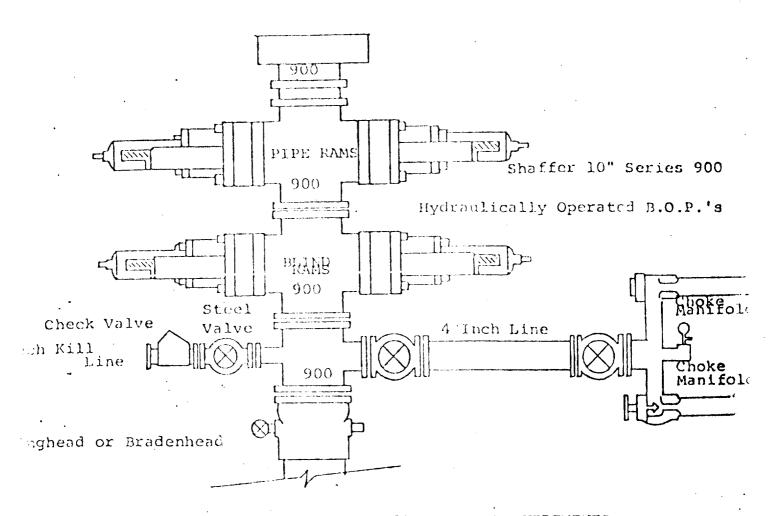
Water: Approximately 260' - 330'.

Oil or Gas: Abo 3550'

- 4. Proposed Casing Program: See Form 9-331C.
- 5. Pressure Control Equipment: See Form 9-331C and Exhibit B.
- 6. Mud Program: See Form 9-331C.
- 7. Auxiliary Equipment: Kelly Cock; pit level indicators and flow sensor equipment; sub with full-opening valve on floor, drill pipe connection.
- 8. Testing, Logging and Coring Program:

Samples:	Surface casing to TD
DST's:	As warranted •
Coring:	None anticipated
Logging:	Surface casing to TD, CNL-FDC TD to casing with GR-CNL on to surface and
	DLL from TD to casing with RxO.

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



## FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

All preventers to be hydraulically operated with secondary manual control installed prior to drilling out from under casing.

Choke outlet to be a minimum of 4" diameter.

Kill line to be of all steel construction of 2" minimum diameter.

All connections from operating manifolds to preventers to be all steel. hole or tube a minimum of one inch in diameter.

The available closing pressure shall be at least 15% in excess of that

required with sufficient volume to operate the B.O.P.'s.

All connections to and from preventer to have a pressure rating equivalen to that of the B.O.P.'s.

Inside blowout preventer to be available on riq floor.

Operating controls located a safe distance from the rig floor. .

Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.

D. P. float must be installed and used below zone of first gas intrusion.

Exhibit S-

## VATES PETROLEUM CORPORATION

