r or m <b>9-331 C</b> (May 1963)	(May 1963) Artesla, UNITED STATES DEPARTMENT OF THE INTERIOR			SUBMIT IN TR (Other instruc reverse slo	tious on	5. LEASE DESIGNATION	ed. u No. 42-R1425.
SF		GICAL SURV				NMA12125 6. IF INDIAN, ALLOTTEE OB TRIBE NAME	
	I FOR PERMIT T	O DRILL, I	DEEPEN, (	DR PLUG B	ACK		L OR TRIDE NAME
D. TYPE OF WORK DRII p. TYPE OF WELL		DEEPEN		PLUG BAC	ж 🗆	7. UNIT AGREEMENT 1	AME
	S LL XX OTHER		SINGLE ZONE	MULTIPI	.e	8. FARM OR LEASE NA	
2. NAME OF OPERATOR				RECEIVED	)	Coffman NY	Federal
Yates Petroleum Corporation						0. WELL NO.	
207 S. 4th, Artesia, New Mexico 88210 FEB 2 5 1982 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)				10. FIELD AND POOL,	-		
At surface 660	' FNL & 660'FEL		0. C. E. 🕺			11. SEC., T., E., M., OR	BLK.
At proposed prod. zone ARTESIA, CHARGE					4.5A		
smae 🗤 📬				Sec. 25-T75	S-R25E		
14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  12. COUNTY OR PARISH 13. STATE							
approximate 13. DISTANCE FROM PROPOS LOCATION TO NEAREST	ely 25 miles NN sed•	<u>E of Koswe</u>	<u>    , NM.</u>   16. no. of ac	RES IN LEASE		Chaves	NM
PROPERTY OR LEASE LI (Also to nearest drig.	NE PT	660 <b>'</b>	320		то ти	18 WELL 160	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED,			19. PROPOSED DEPTH 20. ROTA		20. ROTAR	RY OR CABLE TOOLS	
OR APPLIED FOR, ON THIS	S LEASE, FT.		approx.	4200 '	ro	tary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.)					ORK WILL START*		
3625.7 GL ASAP							
	P	ROPOSED CASH	NG AND CEME	NTING PROGRA	M		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT SETTING DEPTH		TTING DEPTH	QUANTITY OF CEMENT		
<u>15''</u> 7 7/8''	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		10 5 11	880'		300 sx circuate	
/ //0	32 01 42	15.5# or	10.5#	TD	<u>    450  </u> s	3X	<u>_</u>
We propose to drill and test the Abo and intermediate formations. Approximately 880' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 8 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. Temperature survey will be run to determine cement top. If commercial, production casing will be run and cemented with adequate cover, perforate, and stimulate as needed for production.							
MUD PROGRAM: FW gel and LCM to 880', Brine to 3500', Brine & KCL water 6 50 10 10 10 10 10 10 10 10 10 10 10 10 10							

BOP PROGRAM: BOP's will be installed at the offset and tested dail

GAS NOT DEDICATED.

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	NUT AL	SURVEY

3 1 1 1982

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U.S. GEOLOGICAL SURVET U.S. GEOLOGICAL SURVET zone. If proposal is to deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout revenuer program, if any.

SIGNED Allestic Re	TITLE Regulatory Manager	DATK _2/5/82
(This space for Federal or State office use)		ted thook
APPROVED BY CONDITIONS OF APPROVAL FEB 2 1982	APPROVAL DATE	PATE API 82
JAMES A. GILLHAM DISTRICT SUPERVISOR	SPECIAL STIPULATIONS ATTACHED	

## V MEXICO OIL CONSERVATION COMMIS V WELL LOCATION AND ACREAGE DEDICATION PLAT

VAILS PETROLEUM CORPORATION     Confinant IV Federal     with Sec.       A 25     To south     25 Fast     Charves       Confine Landon et with     25 Fast     Charves     Charves       Confine Landon et with     Income     660     Institute     Charves       Confine the accuracy delicated to the subject well by colored pancil of harve marks on the plat below.     If more than one lease is dedicated to the well, outline each and identify the ownership thereof Goth as to working interest and royalty).       1. If more than one lease is dedicated to the well, outline each and identify the ownership thereof Goth as to working interest and royalty).     If more than one lease is dedicated to the well, outline each and identify the ownership thereof Goth as to working interest and royalty).       1. If more than one lease is dedicated to the well, outline each and identify the ownership thereof Goth as to working interest and royalty.       1. If more than one lease is dedicated to the well, outline each and identify the ownership thereof Goth as to working interest and royalty in the income interest and royalty.       1. I was in in "1". It the uncore and tract descriptions which have actually been consolidated. (Use reverse aide of this form if a constant descriptions which have actually been romanitization, mitigation, barries in the addingene in the addingene in the addingene in the addingene in the subject on the well well and all interests have been consolidated (by communitization, mitigation, barries in the addingene in the addingene in the subject on the well well adding the information and the information and the information anditenting auch interest. The beart description in the addingene in			All distances must be	from the outer boundaries o	f the Section.	
A       25       7 South       25 Fast       Charles         11       11       11       12       11	YATES	·····		1	IY Federal	
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es Petroleum Corporation Coffman "NY" Federal #2 660' FNL and 660' FEL Section 25-T7S-R25E

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

1. The geologic surface formation is quaternary alluvium.

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

San Andres	400'
Glorietta	1814'
Fullerton	2925 <b>'</b>
Abo	3625'
TD	4200'

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

Water: Approximately 70 - 150'

0il or Gas: Abo - 3640'

- 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:

9. No abnormal pressures or temperatures are anticipated.

10. Anticipated starting date: As soon as possible after approval.



EXHIPIC R



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 rig 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