Form 9-331 C			SUBMIT IN	UPLICATE	Form approve	10		
(May 1963)	лF	ED STATES	COPT. (Other ins	jions on de)				
	DEPARTMEN'	T OF THE INTE	RIOR	ĺ	C-C/3-2	41.39		
Ň	GROLC	GICAL SURVEY			5. LEANE DESIGNATION AND REBIAL NO. NM 15664			
			PEN, OR PLUG B	ACK	0. IF INDIAN, ALLOTTEE	OR TRIBE NAME		
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DF	7. UNIT AGREEMENT NAME							
b. TYPE OF WELL GAS USAN DE LEANE NAME SINGLE S. FARM OF LEANE NAME 20NE SONE SONE SONE SONE SONE SONE SONE SO								
2. NAME OF OPERATOR	ARTESIA roleum Corpor		Federal "EF"					
Yates Pet	roleum Corpor	ationExico			9. WELL NO.			
3. ADDRESS OF OPERATOR					2			
207 South	Fourth Stree	t, Artesia,	NM 88210		10. FIELD AND FOOL, OR WILDCAT			
4. LOCATION OF WELL (1 At surface	Report location clearly and	in accordance with any	State requirements.*)		Undesignat	ed a fir the		
	0' FNL & 1980	' FWL of Sec	tion 6-188-25	F	11. SEC., T., R., M., OR I AND SURVEY OR AR	SI.K.		
At proposed prod. zo	one				Unit F, NM			
			RECEIVE		Section 6-	18S-25E		
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POST OFFI	C.T. Mark 199		12. COUNTY OR PARISH			
	st of Atoka,			L	Eddy	NM		
15. DISTANCE FROM PROF LOCATION TO NEARES	ST	16. 1	NO. ON MORES IN GEARD	17. NO 0 TO 11	F ACRES ASSIGNED US WELL			
	lg. unit line, if any)				320			
18. DISTANCE FROM PRO TO NEAREST WELL,	DRILLING, COMPLETED,	19. 1	PROPOSED PRTHC. C.		TARY OR CABLE TOOLS			
OR APPLIED FOR, ON T		REDGIA, OFFICI		Rotary				
21. ELEVATIONS (Show w	hether DF, RT, GR, etc.)	1 1 1 8 M	- ,		22. APPROX. DATE WORK WILL STA			
						possible		
23.	1	PROPOSED CASING AN	ID CEMENTING PROGRA	м				
SIZE OF HOLE	SIZE OF CASING	WEIGHT FER FOOT	SETTING DEPTH	1	QUANTITY OF CEMENT			
175"	13-3/8" New	48# K-55	Approx. 270'	150	sacks - circulate			
12¼-11"	8-5/8" New	<u>24# K-55</u>	Approx.1000'	<u>500</u>	sacks - circ	culate		
7-7/8"	5½" New or 15.5-17#K-55Approx.8300' 250 sacks							
·	4½" New or 10.5-11.6#K-55 300 sacks							
mately 270' gravel and c Water Zone &	of surface ca aving. Inter cemented to ½" casing and	sing will be mediate casi the surface.	and intermedi run and ceme ing will be se If commerci 600' of cove	ent ci et 100 lal pa	rculated to ' below the y is encount	shut off Artesian cered, will		
MUD PROGRAM:	MUD PROGRAM: F. W. Gel & LCM to 1000', Fresh Water to 4000', KCL water to 6200', Flosal-Drispak-KCL mud to TD, MW 8.8-9.0, Vis 35-39, WL 10-7.							
	BOP PROGRAM: BOP's & hydril on 8-5/8" casing & tested, pipe rams daily, blind rams on trips, Yellow Jacket prior to drilling Wolfcamp. GAS ACREAGE NOT DEDICATED.							
IN ABOVE SPACE DESCRIP	E PEOPOSED PEOGRAM : U	roposal is to deepen or	plug back, give data on pr	esent or als	letive zone and proposed	t new productive		

IN ADDARD PLANKING 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. SIGNED Eddre Un livelife	Lef TITLE Engineer	DATE
(This space for Federal or State office use)		winter RASING
PERMIT NO.	APPROVAL DATE	
ΔΡ ΡΒΟΫΕD ΒΥ	TITLE STRING	DATE
CONDITIONS OF APPROVAL, IF ANY :		BE CIRCULATED
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NEW MEXICO OIL CONSERVATION COMMISSION WEL __OCATION AND ACREAGE DEDICATION STATE

Form C-102 Supersedes C-128 Effective 1-1-65

YATES PETROLEUM CORP. FEDERAL EF				All dists	nces must he f	rom the	outer boundarie	es of th	e Section			
Interfer Sector Township Tage Conty $P = 6$ 13 South 0.5 East Defense Defense 1900 test term in Nill 1h ince of 1900 test term in WC ii Defense American 3643 $Mickscipse fact Mickscipse fact Defense American 322 area 1. Ostline the acreage dedicated to the subject well by colored pescillar factors mert on the plat below. Mark 18 1 Defense American 322 area 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (hoth as to workin, interest and royalty). MAR 1 S 1: MAR 1 S 1: If answer is "yes," type of consolidation Strange Control Mark 1000 7 Strange No if answer is "yes," type of consolidation Strange Control Mark 1000 7 Strange No if answer is "yes," type of consolidation Strange Control Mark 1000 7 Strange No if answer is "yes," type of consolidation Strange Control Mark 1000 7 Strange No if answer is "no," list the owners and tract descriptions which have actually been consolidated (the consolidated to the well and and and and and and and and and and$	Operator					Lease						Well No.
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THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- 1. All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
- 2. Choke outlet to be a minimum of 4" diameter.
- 3. Kill line to be of all steel construction of 2" minimum diameter.
- 4. All connections from operating manifolds to preventers to be all steel. hole or tube a minimum of one inch in diameter.
- 5. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
- 6. All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
- 7. Inside blowout preventer to be available on rig floor.
- 8. Operating controls located a safe distance from the rig floor.
- 9. Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.
- 10. D. P. float must be installed and used below zone of first gas intrusion.

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YPC- Federal ET No.2, 1980/ N 142	solw, ser 6-185-15E, Eddy 6.
Other information to accompany	form 9-331-C
1. Surface Formation: Quater	rong Allurium.
2. Geologic Markers anticipated:	San andres D 566'
· · · · · · · · · · · · · · · · · · ·	Glorieta à 1860'
	MVD W 5134
	Wolfcamp Ls & 5087'
	Cisco a 6231
	L. Canyon 0 7195'
	Strawn @ 7654'
	Atolea @ 7926'
	Morrow Clasties 2 8106
	Chester is 2 8251'
3. Surface Water anticipated 2290	
Oil & Gas Pays: Possible Bas	al Abo @ 5050-5087; approx BHP-2020 pai
Possible Cis	eo @ 6306-6700; approx BHP-2680 pri
	*100 2 8150-8250; approx BHP- 3500 pri
4. Casing Program: See Form	
5. Pressure Control: See Form	
6. Mud Program : See Form	
7. Auxiliary Equipt .: Kelly coch	c; Pit level indicators & flow sensor,
Sub with full-opening value a	
8. Drill stem tests as warranted	Mud-logger on 24800'; no coving;
CNL-Density log and Dual hat	terolog.
9. Pressure and temperature det	ta is from previous drilling experience
in the area. Hydrogen sulfid	le and other toxic gases are
minimal or non-existent. Mud	is checked touchy and inhibited
for corrosion control.	•
	4-7 weeks
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Surface Use Plan to Ac pany "Applications to Drill, Federal case".

- EXISTING ROADS: See Plat (Exhibits A & B) From Artesia go 4 miles south on U.S. 285, (north of Ranch-house) then west on black-top 1 mile to 13th Street. Continue west on caliche road (county maintained road) for 4.2 miles to Kennedy Ranch house, then south 0.1 mile and southwest on lease road 2.5 miles, then north for 1.2 miles, then southwest for 0.6 mile to access road.
- PLANNED ACCESS ROADS: See Plat (Exhibits A & B) Approximately 90% feet of new road, 12 feet wide running southeast to location, requiring no turnouts & no feace cuts. Road will be caliched and watered. Access road is flagged with orange tape.
- 3. LOCATION OF EXISTING WELLS: See Plat (Exhibits A & B) There are several producing gas wells in the area to the south, east and northeast. There are 2 dry holes to the west, one converted to a water source well. The nearest windmill is 5 mile northwest.
- 4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND FRODUCTION, GATHERING AND SERVICE LINES: See Plat (Exhibit C) The tank battery will be on the south side of the pad. Flowlines will be 2 inch steel and will be above ground. A fiberglass tank will collect produced water for subsequent disposal by trucking to a suitable disposal system.
- LOCATION AND TYPE OF WATER SUPPLY: See Plat (Exhibit B) Drilling water will be piped from source water well in NE/4 of NW/4, Section 1-185-24E.
- 6. SOURCE OF CONSTRUCTION MATERIAL: See Plat (Exhibit B) There is u open caliche pit in the NE/4 of NW/4 of Section 1-18S-24E, just west of the water well.
- 7. METHODS FOR HANDLING WASTE DISPOSAL: See Plat (Exhibit C) Well subtrings will be disposed of in reserve pits; mud sacks, paper & garbage will be burned; garbage will be accumulated in trash barrels and disposed of by burning or buried three feet in the burn pit. If productive, produced water will be collected in a tank and hauled away.
- 8. ANCILLARY FACILITIES: None.
- 9. WELL SITE LAYOUT: (rig, tanks, pits, racks, etc.) See Sketch (Excibit C) Exhibit C shows position of drill pad, rig, reserve pits, burn pit, mud pits, jet sump, pipe racks, pumps, water tanks. Pad size 270' X 220'; Cut and fill negligible cut & fill; Surfaced with caliche, watered & compacted; Reserve Pit 80' X 120', plastic-loned. Pad is flagged with pred tape, pit area is flagged with blue tape.
- 10. PLANS FOR ELSTORATION OF SURFACE: If well is productive, pits will be fenced until dry, then back-filled and levelled as soon as practical. Location will be cleaned, all excess material removed from location. Upon abandonment location will be cleaned and levelled or restored in compliance with BLM stipulations.
- 11. OTHER INFORMATION: (a) Terrain is gently rolling with rock.
 - (b) Soil is a sandy leam.

(c) Vegetation consists of Prairie Grass, Fileree, Yucca, broomweed, greaswood & cactus.
(d) There are no ponds or streams in the area. The nearest windmills or water wells are located 0.5 mile northwest and one mile west.

(e) The nearest residences or building are located 3 to 4 miles to the north & to the east.(f) Surface use is grazing.

(g) The effect on the environment will be minimal; drillsite is in semi-arid desert country, wind-blown and natural re-seeding.

(h) Surface ownership is Mrs. Hazel Beavers of Sweetwater, Texas, and Mr. Fred Collins of Artesia, New Mexico.

 LESSEE'S OR OPERATOR'S REPRESENTATIVE: Eddie Mahfood, Leon Bergstrom, or James Jonas, 207 South Fourth Street, Artesia, NM, phone: 746-3558.

13. CERTIFICATION:

MAR 18 1977 I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Yates Petroleum Corporation and its contract.

U.S. GEOLOGICAL SURVEYINT De performed by Yates Petroleum Corporation and its contractors and sub-U.S. GEOLOGICAL SURVEYINT of conformity with this plan and the terms and conditions under which it is ARTESIA, NEW MEXICOPProved.

. March 15, 1977

Eddie In Unilford, Engineer





YPC- Federal EF No.2

