Form 9-331 C (May 1963)

SUBMIT IN TRIPLICATE.

Form approved. 425.

(Other instructions on		Dureau	NO.	42-R1
reverse side) 30	-00	×-6		

o. DESIGNATION	AND SERIAL NO.
USA -REMENTE	6 8152
6. IF INDIAN, ALLOTTE	OR TRIBE NAME

1a. TYPE OF WORK				12,1, OK	<u> </u>	MCK	- Name
b. TYPE OF WELL	ORILL 🖾	DEEPEN		PL	.UG BA	CK 🗌	7. UNIT AGREEMENT 1980
OIL	GAS X OTHER			SINGLE X	MULTIP ZONE	LE []	8. FARM OR LEASE DAE
2. NAME OF OPERATOR					ZUAR		1
Yates Per 3. Address of Operat	troleum Corpo	ration 🔪					9. WELL NO.
0.0		Λ , .		0.0 -			
4. LOCATION OF WELL	h 4th Street,	Artesia,	NM	88210			10. FIELD AND POOL, OR WILDCAT
At surface	h 4th Street, (Report location clearly a	nd in accordance wi	u any	State remutem	et V [ED	Wildcat / Since
上する(At proposed prod.	J FNL & 560 F	EL					11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
				JAN 2	2 3 1980	1 UL	I- HT
14. DISTANCE IN MILE	S AND DIRECTION FROM NI	AREST TOWN OF BOS	T APRI	that o			Sec. 34-T6S-R24E
Approx.	30 miles N	ME of Boss		U.S. GEULU	GICAL SIL	PVEV	12. COUNTY OR PARISH 13. STATE
AU. DINTANCE FROM PR	OPOSED#	ME OI NOSW	I 16 N	· ARTESIA. A	EW MFY	VACT	Chaves NM
LOCATION TO NEAR PROPERTY OR LEAS			10		- TENSER - J	TO T	F ACRES ASSIGNED HIS WELL
18. DISTANCE FROM DE	irlg. unit line, if any)	560	10 5	160			320
TO NEAREST WELL, OR APPLIED FOR, ON	DRILLING, COMPLETED		1	ROPOSED DEPTH		20. ROTAI	RY OR CABLE TOOLS
	whether DF, RT, GR, etc.)		! .	5400			Rotary
3932.2							22. APPROX. DATE WORK WILL START*
23.	111	Droposta and					As soon as approved
		PROPOSED CASI	NG AN	D CEMENTING	PROGRA	M.	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	тос	SETTING D	EPTH		QUANTITY OF CEMENT
17 1/2"	13 3/8"	48# J-55		Approx	. 450	C	irculate
12 1/2"	8 5/8"	24# J-55		_Approx	1500		irculate
8 3/4 or 7 7/8	5 1/2 or 4 1/2	15.5 or 10.5 #		T.D.			
gravel and c mercial, 5½ cover, perfo	aving. Casin or 4½ product rate and stim	ig will be ion casing will be in a casing will	set g wi	set and 100' book and 100' boo	d ceme elow t un and produc	ent ci the wa l ceme etion.	
MUD PROGRAM:	flosal-dris	pak NCL (D TD	. NM T	J-10.2	?, Vis	& Starch to 4300', 34-39, WL 14-7
BOP PROGRAM:	BOP's will	be install	led	on 8 5/8	3" cas	ing a	nd tested daily.
GAS NOT DEDI	CATED.						
IN ABOVE SPACE DESCRIBE zone. If proposal is to preventer program, if an 24.	E PROPOSED PROGRAM: If drill or deepen directions any.	proposal is to deepe lly, give pertinent	n or pl data or	ug back, give d 1 subsurface loc	ata on pres ations and	ent produc measured a	tive zone and proposed new productive and true vertical depths. Give blowout
SIGNED There	io Polizie	TITL	. J	logente	4,1		DATE 1-21-80
(This space for Fede	eral or State office use)						
PERMIT NO.			/	APPROVAL DATE _	/-	29-8	80
APPROVED BY		TITLE	5				DATE
CONDITIONS OF APPROV				<u> </u>			DAID
32 //5	/						

*San Inducations O. D.

UNITED STATES

DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY** APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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

	inces must be ire				····				
Yates Petroleum Corporation Lease Well No. Well No.									
Unit Letter Section Township		Range		County					
H 34 Actual Footage Location of Well:	6 Sou	th	24 East	.]	Chaves				
1780 feet from the North	line and		560 (et from the	East	line			
Ground Level Elev. Froducing Formation PENN		1601 - 1411 - 1 5	CAT-	and a	·	Zated Acreage: Acres			
<u> </u>	subject wel								
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 royalty). JAN 31 1980									
3. If more than one lease of different or			to the well	, have the	interests of all a	owners been consoli-			
dated by communitization, unitization	, torce-poolin	g. etc?		ARTESIA,	OFFIC E				
Yes No If answer is '	'yes," type of	consolid	lation <u></u>	MMU	N DUTASITIN				
If answer is "no," list the owners an	d tract descr	iptions w	hich have a	actually b	een consolidated.	(Use reverse side of			
this form if necessary.) No allowable will be assigned to the v	vell until all	interests	have been	consolid	ated (by communit	ization unitization			
forced-pooling, or otherwise) or until a									
sion.									
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JAN¦2 3 1 <u>9</u> 80					GLISERIO C	0 8			
U.S. GEULLIGICAL SURVEY	YATES F	2T			Position	SDDI GUEZ			
ARTESIA, NEW MEXICO	NM- 281	52		b	GEOGRAPH	<u> </u>			
		į		560	Company Pare	SLEWY CORP			
		1		3	Date				
		i			1-2-80	·			
MOVED BY BUM &									
ARCHEOLOGIST	ملاء حداد	IBERG	•	Ī	I hereby cortify	that the well location			
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i		ı			S i	surveys made by me or islon, and that the same			
1		1			is true and cor	rect to the best of my			
		i			knowledge and b	_			
				1	KEFER 10 OF	RIGINAL PLAT			
					Date Surveyed				
		1			Registered Profess	stonal Engin eer			
!		i			and/or Land Surve	yor			
		!							
	7965	24903	- Konse	**************************************	Certificate No.				
0 330 660 90 1320 1650 1980 2310 26	40 2000	1500	1000	500 0					

NEL LEXICO OIL CONSERVATION COMMISSI WELL LOCATION AND ACREAGE DEDICATION PLAT

Vates Petroleum Corporation Tenanowski MM Federal 1 1 1 20 1			All distan	ices must be from	the outer boundari	es of the Section	n.	
South 1	•	<u>.</u>	_	1 1		_		Well No.
And the street of the section of the section of the subject well by colored pentil or hackness marks on the plat below. 2. If more than one leave is dedicated to the subject well by colored pentil or hackness marks on the plat below. 2. If more than one leave is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one leave 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 "so," is 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. (Use reverse side of this form if necessary). No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of this form if necessary). No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of this form if necessary). No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of this form of necessary). No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of this form of necessary). No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of this form of necessary). No allowable will be assigned to the well form in the necessary of the part of the necessary. No allowable will be assigned to the well form in the necessary. No allowable will be assigned to the well form in the necessary of the part of the necessary. No allowable will be assigned to the well form in the necessary. No allowable will be assigned to the well form in the necessary. No allowable will be assigned to the well form in the necessary. No allowable will be assigned to the well form in the necessary. No allowable will b				<u>n</u>	~·		eral	11
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207 SOUTH FOURTH STREET
ARTESIA. NEW MEXICO 88210
TELEPHONE (505) 746-3558

RECEIVED

JAN 25 1980

U.S. GEULUGICAL SURVEY ARTESIA, NEW MEXICO JOHN A. YATES
VICE PRESIDENT
B. W. HARPER
SEC.-TREAS.

MARTIN YATES, III VICE PRESIDENT

RECEIVED

JAN 31 1980

O. C. D. ARTESIA, OFFICE

January 25, 1980

U.S.G.S. P. O. Drawer U Artesia, New Mexico 88210

Re: Iwanowski "MM" Federal #1

Lease NM-28152

Gentlemen:

Yates Petroleum Corporation is submitting an application to drill a well on surface patented to Corn Brothers, Inc., c/o Bronson Corn, Dunlap Star Route, Roswell, New Mexico 88201. This well will be located 1780' FNL and 560' FEL of Section 34, T6S-R24E in Chaves County.

In a telephone conversation with Mr. Bronson Corn, it was agreed that we would compensate him monentarily for the surface damaged in drilling this well. Also that in the event of a dry hole, we would leave the road intact as it is an existing ranch road. The pit area will be leveled after they are dry and along with the pad will be left to reseed naturally. The hole will be turned over to the rancher to use as a water well after formations below the water table are plugged off.

Sincerely,

YATES PETROLEUM CORPORATION

Rod Rodriguez
Geographer

RR/ob



United States Department of the Interior

RECEIVED

GEOLOGICAL SURVEY

JAN 31 1980

P. O. Drawer U Artesia, New Mexico 88210

O. C. D.
ARTESIA, OFFICE

January 29, 1980

Yates Petroleum Corporation 207 South Fourth Street Artesia, New Mexico 88210

Gentlemen:

YATES PETROLEUM CORPORATION
Iwanowski "MM" Fed No. 1
1780 FNL 560 FEL Sec. 34 T.6S R.24E
Chaves County Lease No. NM 28152

Above Data Required on Well Sign

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 5,400 feet to test the Penn is hereby approved subject to approval of the unorthodox location by the New Mexico Oil Conservation Division and compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

- 1. Drilling operations authorized are subject to compliance with the attached General Requirements for Oil and Gas Operations on Federal Leases, dated July 1, 1978.
- 2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the Surface Use Plan and these Conditions of Approval including the attached General Requirements.
- 3. Submit a Daily Report of Operations from spud date until the well is completed and the Well Completion Report (form 9-330) is filed. The report should not be less than 8" x 5" in size and each page should identify the well.
- 4. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Guidelines. The color used should simulate Sandstone Brown (Federal Standard No. 595A, color 20318 or 30318).
- 5. Before drilling below the 8-5/8" casing, the blowout preventer assembly will consist of a minimum of one annular type and two ram type preventers.
- 6. A kelly cock will be installed and maintained in operable condition.



- 7. After setting the 8-5/8" casing string and before drilling into the Wolfcamp formation, the blowout preventers and related control equipment shall be pressure tested to rated working pressures by an independent service company. Any equipment failing to test satisfactorily shall be repaired or replaced. This office should be notified in sufficient time for a representative to witness the tests and shall be furnished a copy of the pressure test report.
- 8. Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be installed and operating before drilling into the Wolfcamp formation and used until production casing is run and cemented. Monitoring equipment shall consist of the following:
 - (1) A recording pit level indicator to determine pit volume gains and losses.
 - (2) A mud volume measuring device for accurately determining mud volume necessary to fill the hole on trips.
 - (3) A flow sensor on the flow-line to warn of any abnormal mud returns from the well.
- 9. Cement behind the 13-3/8" casing must be circulated.
- 10. Please have anyone contacting the Survey in regard to this well to identify the well with all of the information required above for the well sign.

Sincerely yours,

George H. Stewart Acting District Engineer

in the morror H. Sterling

Yates Petroleum Corporation Iwanowski "MM" Federal #1 1780 FNL and 560 FEL Section 34 - T6S - R24E Chaves County, New Mexico

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. The geologic surface formation is sandy residuum.
- 2. The estimate tops of geologic markers are as follows:

Glorieta 1432' Penn 5050' Abo 3430' TD 5400' Wolfcamp 4350'

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

Water: Approximately 250' - 300'

Oil or Gas: 4400 - 5100

- 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 T.D.

DST's: As Warranted

Logging: Intermediate casing to T.D.

Coring: CNL-FDC T.D. to casing with GR-CNL on to surface and DLL

from T.D. to casing.

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

Yates Petroleum Corporatic Iwanowski "MM" Federal #1 Section 34 - T6S - R24E 1780' FNL and 560' FEL (Exploratory Well)

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This plan is submitted with Form 9-331C, Application for ARTEND NEW MEXICOLD, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of surface disturbance involved, and the procedures to be followed in rehibilitation the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operation.

1. EXISTING ROADS.

Exhibit A is a portion of a county map showing the well and roads in the vicinity of the proposed location. The proposed wellsite is located approximately 27 miles North of Roswell, New Mexico and the access route to the location is indicated in red and green on Exhibit A.

DIRECTIONS:

- 1. Proceed north from Roswell on Highway 285 for a distance of approximately 27 miles.
- 2. Turn east for approximately 5 miles and turn south in from of Guy Craudell's place for 1 1/4 mile. The new road will start here. All existing roads will be bladed.

2. PLANNED ACCESS ROAD.

- A. The proposed new access will be approximately 1200' in length from point of origin to the south edge of the drilling pad. The road will lie in a east to west direction.
- B. The new road will be 12 feet in width (driving surface).
- C. The new road will be bladed with drainage on one side. No turnouts will be built.
- D. The route of the road is visible. The existing ranch road will be used.

3. LOCATION OF EXISTING WELL.

- A. There is drilling activity within a one-mile radius of the wellsite.
- 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES.
 - A. There are no production facilities on this lease at the present time.
 - B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive oil, a gas or diesel self-contained unit will be used to provide the necessary power. No power will be required if the well is productive of gas.

- 5. LOCATION AND TYPE OF WATER SUPPLY.
 - A. It is planned to drill the proposed well with a fresh water system. The water will be obtained from commercial sources and will be hauled to the location by truck over the existing and proposed roads shown in the Exhibit A.
- 6. SOURCE OF CONSTRUCTION MATERIALS.
 - A. There is no existing pit of construction material so none will be used.
- 7. METHODS OF HANDLING WASTE DISPOSAL.
 - A. Drill cuttings will be disposed of in the reserve pits.
 - B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
 - C. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted to the USGS for appropriate approval.
 - D. Oil produced during operation will be stored in tanks until sold.
 - E. Current laws and regulations pertaining to the disposal of human waste will be complied with.
 - F. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches dirt. All waste material will be contained of prevent scattering by the wind.
 - G. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion operations.
- 8. ANCILLARY FACILITIES.
 - A. None required.
- 9. WELLSITE LAYOUT.
 - A. Exhibit C shows the relative location and dimensions of the well pad, the reserve pits, etc.
 - B. The location surface is sloping. Cut and fill will be required on location until pits to the NE.
 - C. The reserve pits will be plastic lined.
 - D. A 400' X 400' area has been staked and flagged.
- 10. PLANS FOR RESTORATION OF THE SURFACE.
 - A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.

- Unguarded pits, ir any, containing fluids will be fenced until they have dried and leveled.
- If the proposed will is non-productive, all rehabilitation and/or vegetation requirements of the Operator Landowner Agreement will be complied with and will be accomplished as expeditiously as possible. All pits will be filled leveled within 90 days after abandonment.

OTHER INFORMATION. 11.

- Topography: The land surface in the vicinity of the wellsite consists of a minor draw on one side. The immediate area of the wellsite is discussed above in paragraph 9B.
- Flora and Fauna: The vegetation cover on wellsite consists of mesquite and miscellaneous desert growth. No wildlife was observed, but the wildlife in the area probably includes those typical of semi-arid desert land. The area is used for cattle grazing.
- The Pecos River is approximately 7 miles east. The location was moved C. out of a minor draw.
- There are no inhibited dwellings in the vicinity of the proposed well. D.
- E. Surface Ownership: The wellsite is on federal minerals and private surface.
- There are evidence of archeological, historical or cultural sites in the area. This is why location was moved north and east.

OPERATOR'S REPRESENTATIVE. 12.

A. The field representative responsible for assuring compliance with the approved surface use plan is:

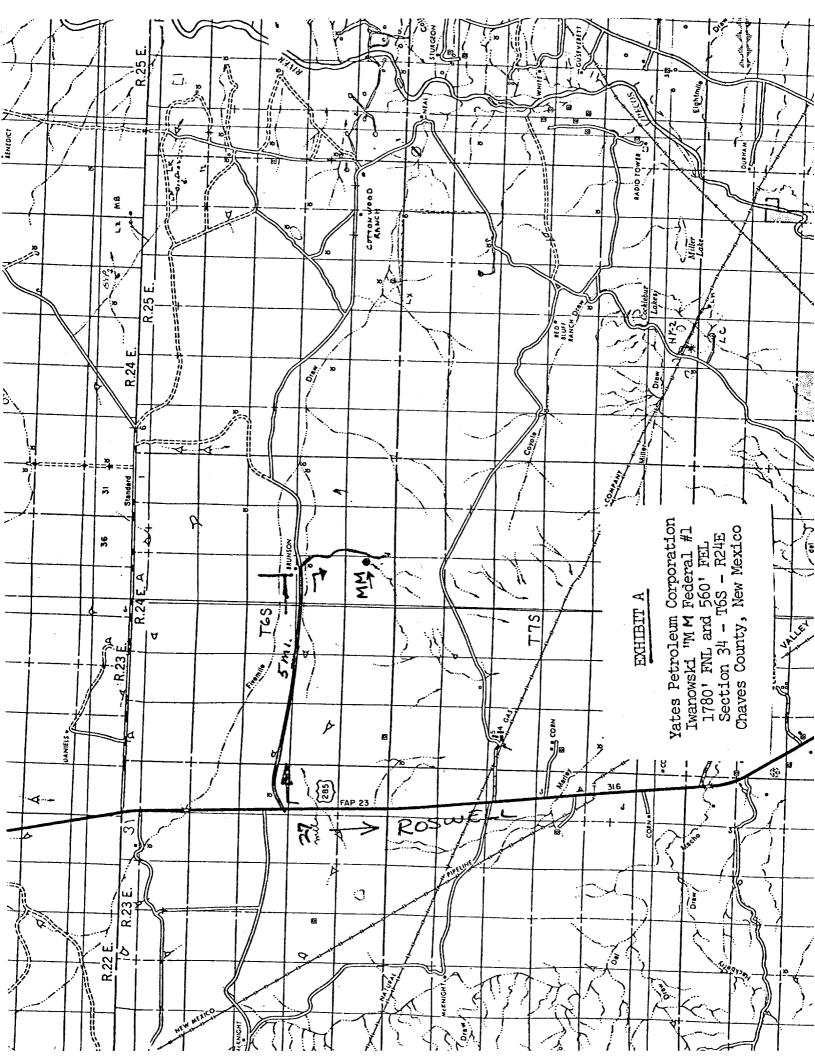
> Gliserio "Rod" Rodriquez Yates Petroleum Corporation 207 South 4th Street Artesia, New Mexico 88210 (505) 746-3558

13. CERTIFICATION.

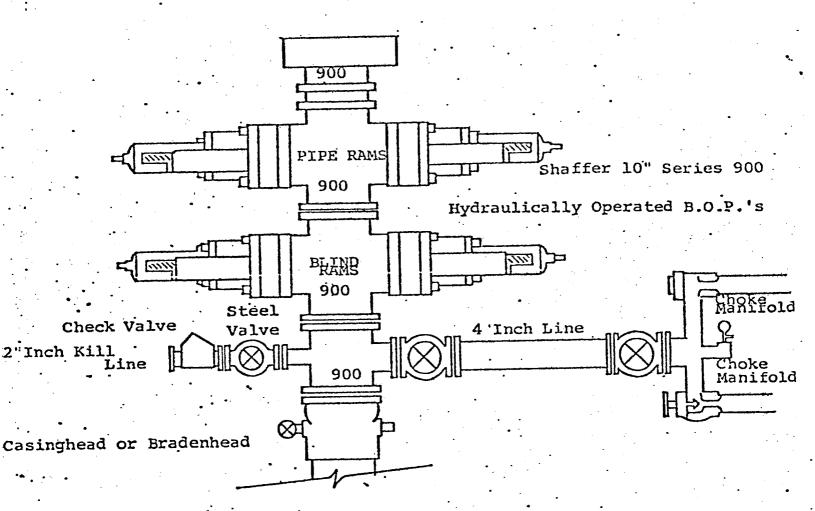
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be preformed by Yates Petroleum Company and tis contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

1-21-80
Date

Gliserio Rodriguez, Geographer



EYHIBIT B

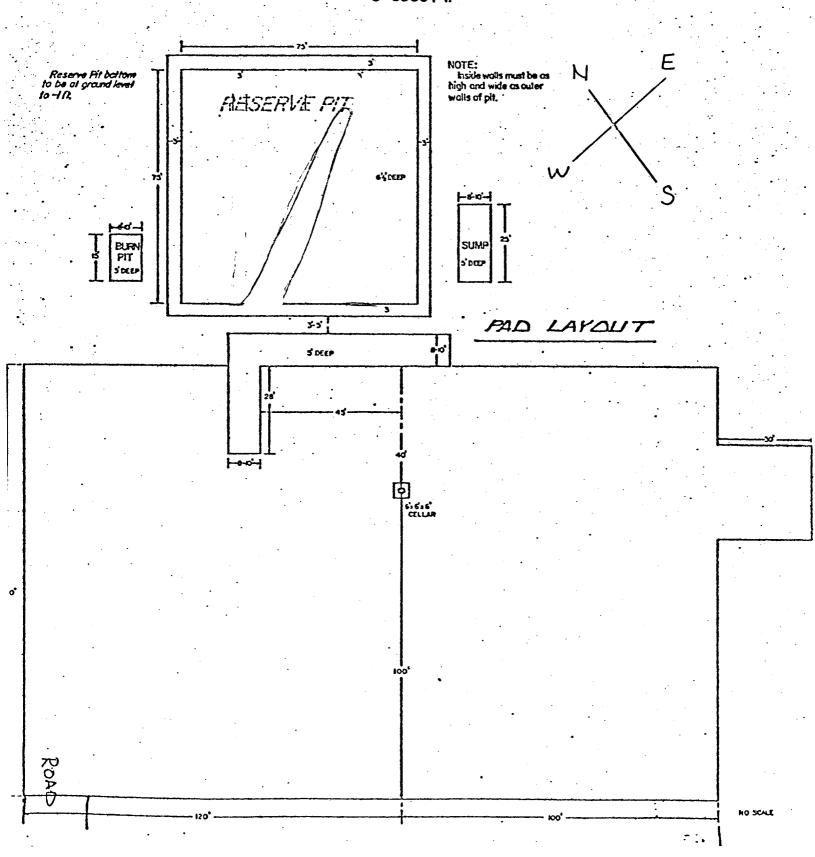


THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- 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.

EXHIBIT C. YATES PETROLEUM CORP

0-6000 FT.





207 SOUTH FOURTH STREET
ARTESIA. NEW MEXICO 88210
TELEPHONE (505) 746-3558

S. P. YATES
PRESIDENT

MARTIN YATES, III

VICE PRESIDENT

JOHN A. YATES

VICE PRESIDENT

B. W. HARPER
SEC. TREAS

January 22, 1980

USGS P.O. Drawer U Artesia, NM 88210

Gentlemen:

RE: Iwanowski "MM" Fed. #1 Lease NM-28152

Yates Petroleum Corporation is submitting an application to drill a well on surface patented to Corn Brothers, Inc. c/o Bronson Corn, Dunlap Star Route, Roswell, NM 88201. This well will be located 1780' FNL and 560 FEL of Section 34, T6S-R24E in Chaves County.

In a telephone conversation with Mr. Bronson Corn, it was agreed that we would compensate him monentarily for the surface damaged in drilling this well.

Sincerely,

YATES PETROLEUM CORPORATION

Rod Rodriguez

Geographer

RR/rb

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U.S. GEULUGICAL SURVEY ARTESIA, NEW MEXICO