Form 3160-3 (November 1983) (formerly 9-331C)	DEPARTMENT	ED STATES OF THE IN		r	T TRI r lustruct everse sid	PLICATE• lons on e)	5. LEASE DEBIGNATION	u No. 1004-0136 st 31, 1985
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2. NAME OF OPERATOR		/	2011		RECEIV	ED	Ross "EG"	_
Yates Petrol	eum Corporation,	/					9. WELL NO.	reueral
3. ADDRESS OF OPERATOR				F	EB - 4	1992	6	
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Approximatel	y 19 miles south	west of Art	esia.	New Mex	ico		12. COUNTY OR PARIS	SH 13. STATE
15. DISTANCE FROM PROPO LOCATION TO NEAREST PROPERTY OR LEASE L (Also to Dearest drig	SED*			ACRES IN L		17. NO. O TO TH	Eddy F ACRES ASSIGNED HIS WELL 160	NM
13. DISTANCE FROM FBOP TO NEAREST WELL, DE	RILLING, COMPLETED.			SED DEPTH		20. ROTAR	T OR CABLE TOOLS	
OR APPLIED FOR, ON THI	B LEASE, FT.		83	50'		Rot	ary	
	560						22. APPROX. DATE ASAP	WORK WILL START.
23.	1	PROPOSED CASIN	G AND CE	MENTING P	ROGRAM			
SIZE OF ROLE	SIZE OF CASING	WEIGHT PER FOO	T	SETTING DEE	тн		QUANTITY OF CEM	ENT
14 3/4"	9 5/8"	36# J-55		1100'		1100	sacks (circu	
8 3/4"	7"	23-26#		TD)			rranted Goo'a	
		J-55 & N	-80					ţ/
Yates Petrole	eum Corporation	proposes to	drill	and tes	st the	Canyo	n and interm	ediate

formations. Approximately 1100' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

FW gel/LCM to 1100'; FW to 5000'; cut Brine to 7200'; SW gel/Starch to TD. MUD PROGRAM:

BOP's and hydril will be installed on 9 5/8" casing and tested daily. BOP PROGRAM:

PostID-1 2-14-92 Now Lie + API

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 fertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. 24. Landman DATE _ 1-7-92 BIGNED . TITLE (This space f deral or State office use) PERMIT NO. APPROVAL DATE AGE: MARCE DATE 1-31.92 APPROVED BY 248 TITLE APPROVAL SUBJECT TO ANY : GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS

*See Instructions On Reverse Side

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410 WELL LOCATION AND ACREAGE DEDICATION PLAT

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					ances must be		boundanes			
Operator						Lease				Well No.
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Unit Letter		Section	1	ownship		Range			County	
C		20		19 S	OUTH	25	EAST	NMP	M EDI	DY COUNTY, NM
Actual Footag	e Locatio	on of Well:								
66		eet from the	NOR		line and	198	0	feet fro	m the WE	
Ground level 1	Elev.	Рго	7	ormation		Pool			Δ	Dedicated Acreage:
3560. Canyon N. Darra Vopar Penn 160 Acres										LO Acres
1. Outline the acreage dedicated to the subject well by colored pencil or hachure works on the plat below.										
2. I	if more th	han one lease i	s dedica	ied to the well,	outline each and	identify the ow	mership thereo	of (both as to wor	king interest and	royalty).
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				nt ownership is	dedicated to the	well, have the	interest of all	owners been con	solidated by com	munitization,
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YATES PETROLEUM CORPORATION

Ross "EG" Federal #6 660' FNL and 1980' FWL Section 20-T19S-R25E Eddy County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill subject well, Yates Petroleum Corporation submits the following ten items of pertinent information in accordance with BLM requirements.

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

San Andres	689'
Glorieta	2,183'
Bone Spring Lime	3,590'
3rd Bone Spring Lime	4,785'
Wolfcamp Lime	5,495'
Canyon Lime	7,607'
Canyon Dolomite top	7,753'
Base Canyon Dolomite	8,023'
TD	8,350'

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

Water:	Approximately 275'
Oil or Gas:	Wolfcamp, Canyon

- 4: Proposed Casing Program: See Form 3160-3.
- 5. Pressure Control Equipment: See Form 3160-3 and Exhibit B.
- 6. Mud Program: See Form 3160-3.
- 7. Auxiliary Equipment: Kelly Cock; pit level indicators and flow sensor equipment; sub with full-opening valve on floor, drill pipe connections.
- 8. Testing, Logging and Coring Program:

Samples: 10' samples from surface depth to total depth.

DST's: As warranted.

Logging: CNL-LDT from TD to casing, with GR-CNL up to surface; DLL with RxO from TD to casing.

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

MULTI-POINT SURFACE USE AND OPERATIONS PLAN Yates Petroleum Corporation Ross "EG" Federal #6 660' FNL and 1980' FWL Section 20-T19S-R25E Eddy County, New Mexico

This plan is submitted with Form 3160-3, Application for Permit to Drill, 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 the surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

1. EXISTING ROADS:

Exhibit A is a portion of BLM map showing the well and roads in the vicinity of the proposed location. The proposed wellsite is located approximately 19 miles southwest of Artesia, New Mexico, and the access route to the location is indicated in red and green on Exhibit A.

DIRECTIONS:

- 1. Go south of Artesia on Highway 285 to Rockin R Red Road.
- 2. Turn west and go approximately 6.5 miles.
- 3. Turn south on caliche road for approximately 1000'.
- 4. New road starts here. (No road needed)
- 2. PLANNED ACCESS ROAD

None needed.

- 3. LOCATION OF EXISTING WELL
 - A. There is drilling activity within a one-mile radius of the wellsite.
 - B. Exhibit D shows existing wells within a one-mile radius of the proposed wellsite.
- 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES
 - A. There are 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 Exhibit A.
- 6. SOURCE OF CONSTRUCTION MATERIALS:

Private located in Section 21-T19S-R25E.

Page 2

7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allows 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.
- D. Oil produced during operations 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 of dirt. All waste material will be contained to 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:

None needed.

- 9. WELLSITE LAYOUT:
 - A. Exhibit C shows the relative location and dimensions of the well pad, the reserve pits, the location of the drilling equipment, rig orientation and access road approach. A cross section of a drill pad with approximate cuts, fills and pad orientation is shown on Exhibit E.
 - B. The reserve pits will be plastic lined.
 - C. A 400' x 400' area has been staked and flagged.
- 10. PLANS FOR RESTORATION
 - 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.
 - B. Unguarded pits, if any, containing fluids will be fenced until they have dried and been levelled.
 - C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the landowner agreement will be complied with and will be accomplished as expeditiously as possible. All pits will be filled level within 90 days after abandonment.
- 11. SURFACE OWNERSHIP: Mr. Carl Ross Yates Petroleum Corporation and Mr. Ross have made an agreement on surface damages..
- 12. OTHER INFORMATION:
 - A. Topography: Refer to the existing archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.
 - B. The primary surface use is for grazing.

Ross "EG" Federal #6 Page 3

13. OPERATOR'S REPRESENTATIVE

A. Thro'ugh A.P.D. Approval:

Ken Beardemphl, Landman Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210 Phone (505) 748-1471 B. Through Drilling Operations, Completions and Production:

> Mike Slater, Operations Manager Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210 Phone (505) 748-1471

14. 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 performed by Yates Petroleum Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1-7-92

Date

Ken Beardempt

Landman





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- All connections from operating manifolds to preventers to be all ste
- hole or tube a minimum of one inch in diameter. 5. The available closing pressure shall be at least 15% in excess of th
- · required with sufficient volume to operate the B.O.P.'s. 6.
- All connections to and from preventer to have a pressure rating equi to that of the B.O.P.'s.
- Inside blowout preventer to be available on rig floor. 7.
- 8. Operating controls located a safe distance from the rig floor Hole must be kept filled on trips below intermediate casing.

Exhibit B

YATES PETROLEUM CORPORATION



EXHIBIT C

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