

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025575
³ Property Code 25252		⁴ API Number 30-025-34967
⁵ Property Name Cupid AUD State		⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	22	11-S	34-E		1050'	North	2420'	West	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Wildcat Devonian					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4145'
¹⁶ Multiple No	¹⁷ Proposed Depth 13,250'	¹⁸ Formation Devonian	¹⁹ Contractor Not determined	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48 #	400'	400 sx	circulated
12 1/4"	9 5/8"	36 & 40 #	4200'	1400 sx	circulated
8 3/4"	7"	26 #	13,200'	700 sx	TOC-7300'

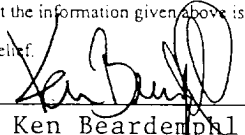
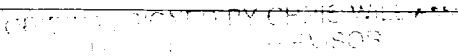
²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary.

Yates Petroleum Corporation proposes to drill and test the Devonian and intermediate formations. Approximately 350' of surface casing will be set and cement circulated. Intermediate casing will be cement circulated. If commercial production, casing will be run and cemented back to approximately 7300', perforated and stimulated as needed for production.

MUD PROGRAM: 0'-400' FW Gel; 400'-4200' Cut brine to brine; 4200'-7800' Cut brine; 7800'-11500' Brine/S Gel/Diesel; 11500'-13250' Salt Gel/Starch.

BOPE PROGRAM: 5000# BOPE will be installed on the 9 5/8" casing and tested daily.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: 		Approved by: 	
Printed name: Ken Bearden		Title:	
Title: Landman		Approval Date:	Expiration Date:
Date: January 13, 2000	Phone: (505) 748-1471	Conditions of Approval:	
		Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval Date
Date Unless Drilling Unduly Delayed



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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34967	Pool Code -	Pool Name Wilcat Devonian
Property Code 25252	Property Name CUPID "AUG" STATE	Well Number 1
OGED No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4145

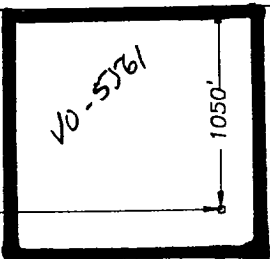
Surface Location

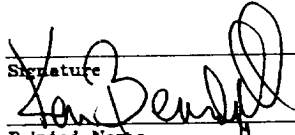
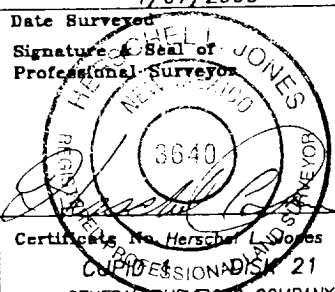
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	22	11S	34E		1050	NORTH	2420	WEST	LEA

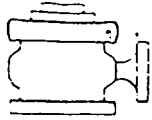
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40		Joint or Infill	Consolidation Code	Order No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

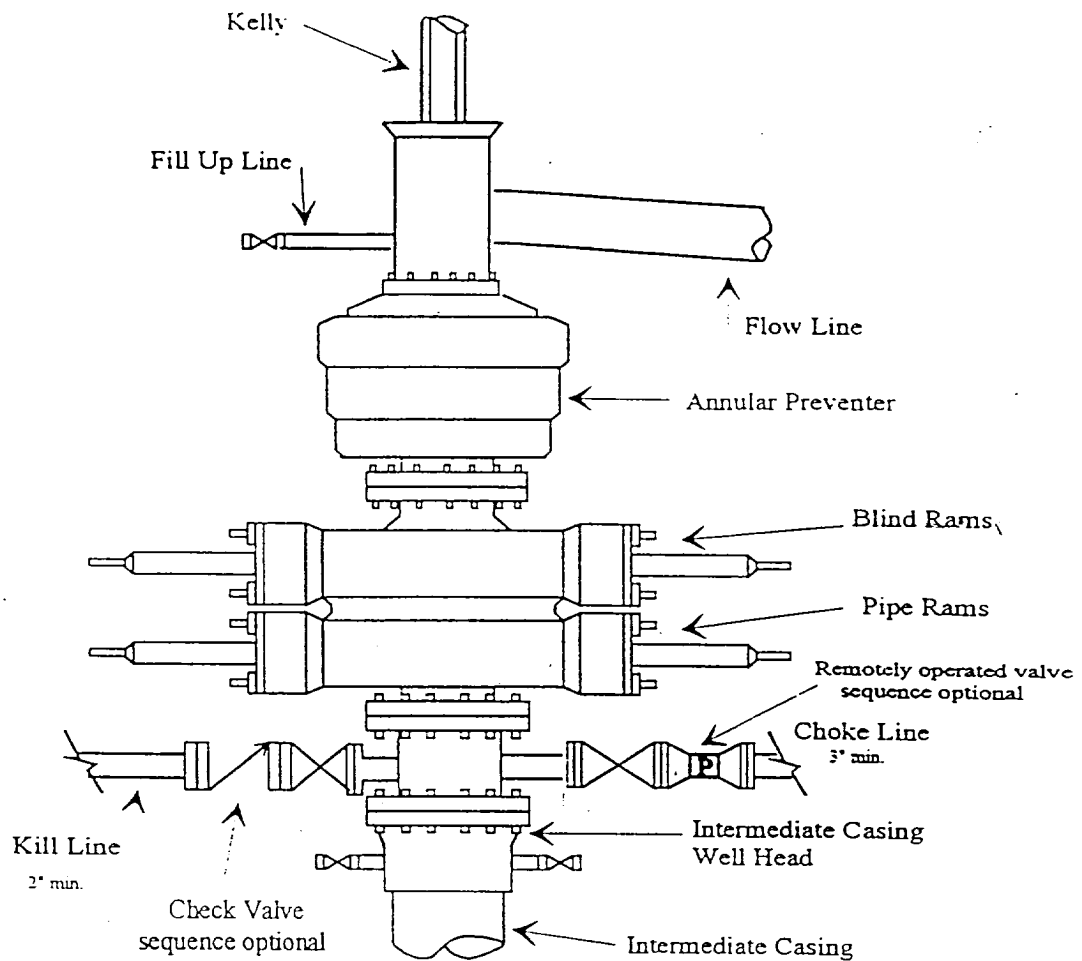
OPERATOR CERTIFICATION	
I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
Signature	
Printed Name	Ken Beardemph
Title	Landman
Date	January 13, 2000
SURVEYOR CERTIFICATION	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
Date Surveyed	1/07/2000
Signature & Seal of Professional Surveyor	
Certificate No. Herschel Jones RLS 3640 CUPID GENERAL SURVEYING COMPANY	



Yates Petroleum Corporation

BOP-4

Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features

