

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

Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210		OGRID Number 025575
Property Code 26230		API Number 30-005-63262
Vista AVS State		2 Well No.

Surface Location

UL or lot no. F	Section 21	Township 9S	Range 26E	Lot Idn	Feet from the 1980'	North/South line North	Feet from the 1980'	East/West line West	County Chaves
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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
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Proposed Pool 1 Front Ranch Ordovician (GAS)	Proposed Pool 2
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Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3760'
Multiple N	Proposed Depth 5945'	Formation Ordovician	Contractor Not Determined	Spud Date ASAP

Minimum WOC time 18 hrs. Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 3/4"	8 5/8"	24#	1100'	550 sx	surface
7 7/8"	5 1/2"	15.5#	5945'	500 sx	TOC 4000'

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 Ordovician formation and intermediate 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.  
MUD PROGRAM: 0-1100' FW Gel/Paper/LCM; 1100'-4400' Brine; 4400'-TD Starch/Salt Gel.  
BOPE PROGRAM: a 2000# BOPE will be installed on 8 5/8" casing and tested daily.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Tim W. Gum</i> Printed name: Cy Cowan Title: Regulatory Agent Date: 7-7-00		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR Title: <i>BGA</i> Approval Date: JUL 11 2000 Expiration Date: JUL 11 2001 Conditions of Approval: Notify OCD at SPUD & TIME to witness cementing the casing. Attached <input type="checkbox"/>	
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**AMENDED REPORT**

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name Wildcat Ordovician	
Property Code	Property Name VISTA "AVS STATE		Well Number 2	
OGED No. 025575	Operator Name YATES PETROLEUM CORPORATION		Elevation 3760	

### Surface Location

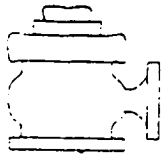
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	21	9S	26E		1980	NORTH	1980	WEST	CHAVEZ

### 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 320	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**

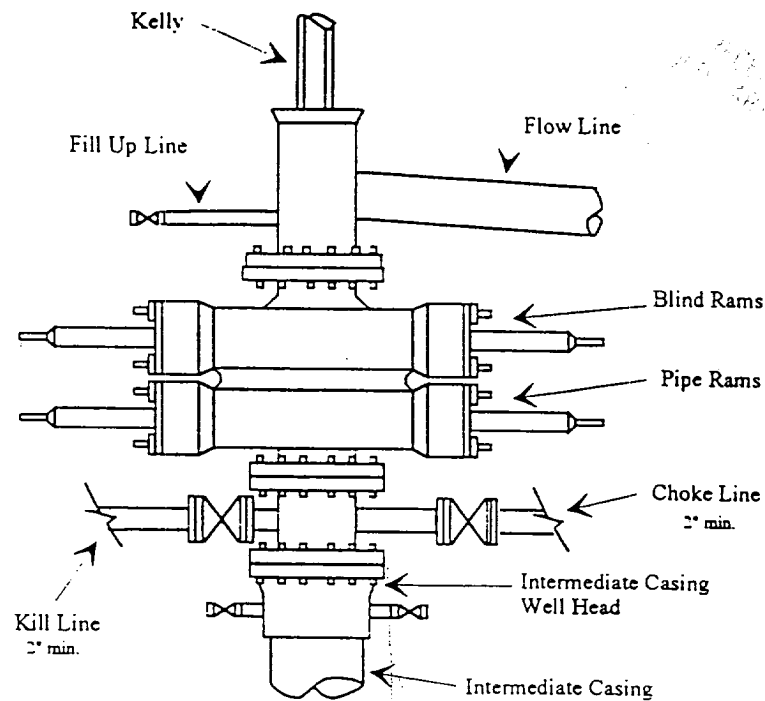
<div style="position: relative; height: 250px;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border: 1px solid black;"></div> </div>	<div style="position: relative; height: 250px;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border: 1px solid black;"></div> </div>	<div style="position: relative; height: 250px;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border: 1px solid black;"></div> </div>	<div style="position: relative; height: 250px;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border: 1px solid black;"></div> </div>	<div style="border: 1px solid black; padding: 5px;"> <p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <div style="border-bottom: 1px solid black; height: 40px; margin-bottom: 5px;"></div> <p align="center">Signature</p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <p align="center">Printed Name</p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <p align="center">Title</p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <p align="center">Date</p> </div>
<div style="position: relative; height: 250px;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border: 1px solid black;"></div> </div>	<div style="position: relative; height: 250px;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border: 1px solid black;"></div> </div>	<div style="position: relative; height: 250px;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border: 1px solid black;"></div> </div>	<div style="position: relative; height: 250px;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; border: 1px solid black;"></div> </div>	<div style="border: 1px solid black; padding: 5px;"> <p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <div style="border-bottom: 1px solid black; height: 40px; margin-bottom: 5px;"></div> <p align="center">Date Surveyed</p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <p align="center">Signature of Professional Surveyor</p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="border: 2px solid black; border-radius: 50%; width: 100px; height: 100px; margin: 0 auto; position: relative;"> <div style="position: absolute; top: 0; right: 0; width: 50%; height: 50%; border: 1px solid black;"></div> <div style="position: absolute; bottom: 0; left: 0; width: 50%; height: 50%; border: 1px solid black;"></div> </div> <p align="center">Certificate No. <b>Richard L. Jones RLS 3640</b></p> <p align="center"><b>DISK 30</b></p> <p align="center"><b>GENERAL SURVEYING COMPANY</b></p> </div>



# ates Petroleum Corporation

BOP-2

## Typical 2,000 psi Pressure System Schematic Double Ram Preventer Stack



Typical 2,000 psi choke manifold assembly with at least these minimum features

