

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 API Number 30-005-21162
⁴ Property Code 12036	⁵ Property Name Big Sky "ABY" State	⁶ Well No. 2

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	26	8-S	33-E		1980'	South	1980'	West	Lea <i>Chaves</i>

⁸Proposed 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 G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4347'
¹⁶ Multiple No	¹⁷ Proposed Depth 12,200'	¹⁸ Formation Devonian	¹⁹ Contractor Not determined	²⁰ Spud Date ASAP

²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 4/3"	11 3/4"	42#	350'	400 sx	Circulated
11"	8 5/8"	32#	3900'	1400 sx	Circulated
7 7/8"	5 1/2"	17#	12200'	750' sx	TOC-6500'

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 to shut off gravel and casing. Approximately 3900' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-350' FW/gel; 350-3900' cut brine to brine; 3900-7600' cut brine; 7600-11200' brine/s gel/diesel; 11200-12200' salt gel/starch.

BOPE PROGRAM: A 5000# BOPE will be installed on 8 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.

Signature:

Printed name: Ken Beardemphl

Title: Landman

Date: July 6, 2000

Phone: (505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY
GARY WINK
FIELD REP. II

Title:

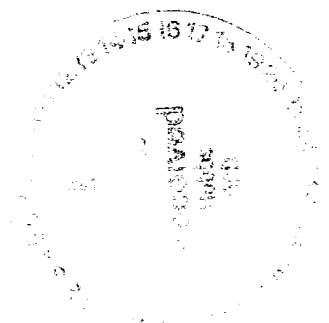
Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway



DISTRICT I
1898 N. French Dr., Hobbs, NM 88240

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DISTRICT III
1900 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
8040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-005-21162	Pool Code	Pool Name Wildcat Devonian
Property Code 12036	Property Name BIG SKY "ABY" STATE	Well Number 2
OGED No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4347

Surface Location

UL or lot No. K	Section 26	Township 8S	Range 33E	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 1980	East/West line WEST	County CHAVES
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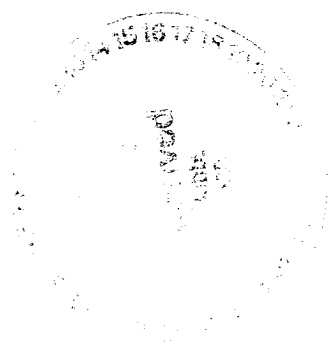
Bottom Hole Location If Different From Surface

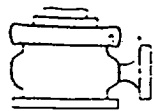
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION		
	<p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p>		
	<p>Signature </p>		
	<p>Printed Name Ken Beardemphl</p> <p>Title Landman</p> <p>Date July 6, 2000</p>		
	SURVEYOR CERTIFICATION		
	<p>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.</p>		
	<p>Date Surveyed 6/19/2000</p>		
	<p>Signature & Seal of Professional Surveyor </p> <p>Certificates: L. Jones RLS 3640 DISK 28 GENERAL SURVEYING COMPANY</p>		

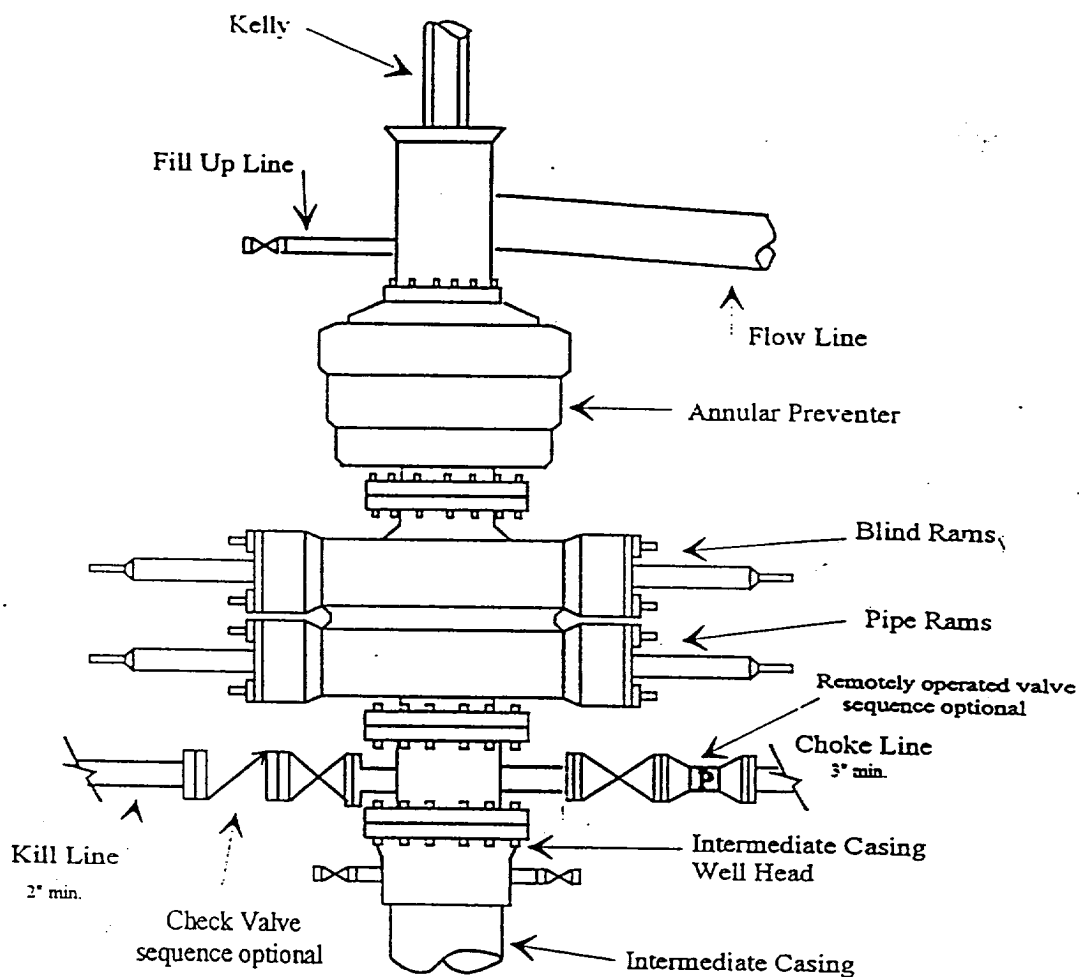




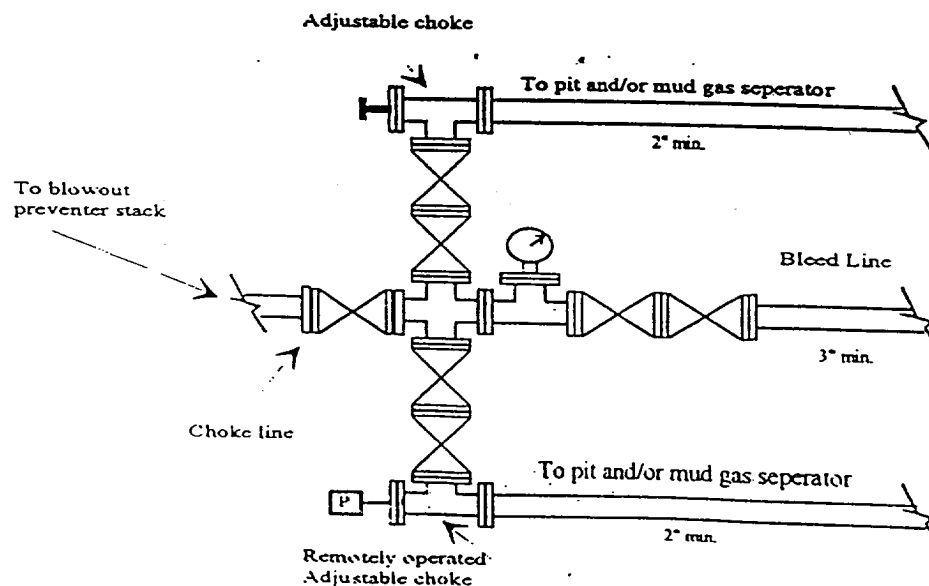
Yates Petroleum Corporation

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



ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF 8/30/01

