

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, 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 26974		⁴ API Number 30-015-35402
⁵ Property Name Junior AWW State Com		⁶ Well No. 2
⁹ Proposed Pool 1 Undes. Crew Flats ; Morrow		¹⁰ Proposed Pool 2

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
J	17	16S	28E		1980'	South	1980'	East	Eddy

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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3580'
¹⁶ Multiple N	¹⁷ Proposed Depth 9600'	¹⁸ Formation Morrow	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP
Depth to Groundwater 100' or more		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
^{Pit:} Liner: Synthetic XX 12_mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14.75"	11.75	42#	400'	400 sx	0
12.25"	8.625	24#	1900'	650 sx	0
7.875"	4.5	11.6#	9600'	600 sx	5500

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 Morrow and intermediate formations. Approximately 400' 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: 0-400' FW/Spud Mud; 400'-1900' Fresh Water; 1900'-8500' Cut Brine; 8500'-9600' Salt Gel/Starch.

BOPE PROGRAM: A 3000# BOPE will be installed on the 8 5/8" casing and tested daily.

H2S is not anticipated.

Thank you.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Signature:

Printed name: Cy Cowan

Title: Regulatory Agent

E-mail Address:

Date: 12/29/06

Phone: (505) 748-4372

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT
DISTRICT II GEOLOGIST

Title:

Approval Date: JAN 29 2007

Expiration Date: JAN 29 2008

Conditions of Ap

CEMENT TO COVER ALL OIL,
GAS AND WATER BEARING
ZONES

PREVIOUSLY APPROVED

District 1
1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

**State of New Mexico
Energy, Minerals & Natural Resources**

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe. NM 87505

Form C-102
Revised March 17, 1999

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code 75720	Pool Name Undes. Crew Flats ;	Morrow
Property Code	Property Name JUNIOR AWW STATE COM			Well Number 2
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION			Elevation 3580.

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	17	16-S	28-E		1980	SOUTH	1980	EAST	EDDY

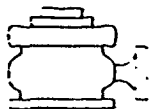
¹¹ Bottom Hole Location If Different From Surface

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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12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320			

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

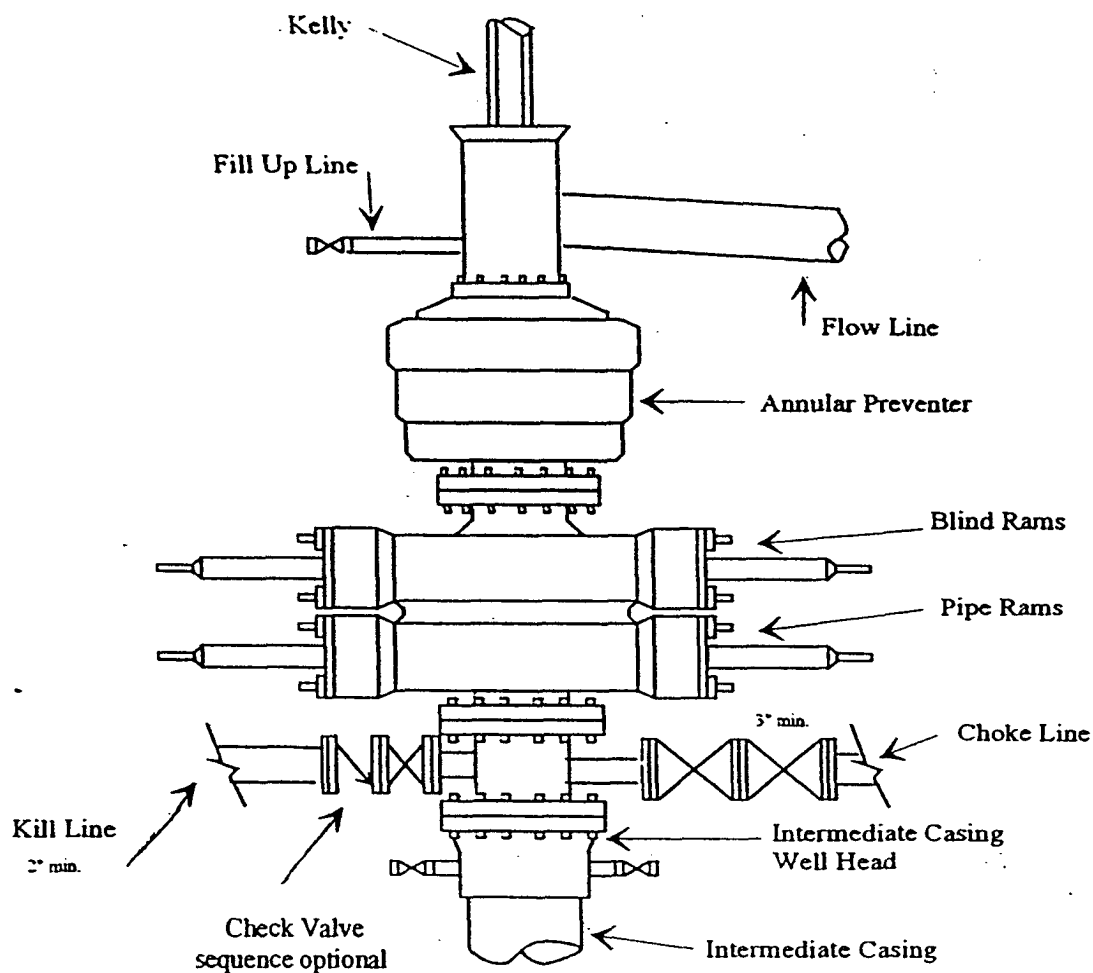
16			
			<div style="text-align: center;"> 17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief </div> <div style="text-align: right; margin-top: 20px;"> Signature Cy Cowan </div> <div style="margin-top: 10px;"> Printed Name Regulatory Agent </div> <div style="margin-top: 10px;"> Title February 7, 2001 </div> <div style="margin-top: 10px;"> Date </div>
	V-5604		
		1980'	
	NM-10382	1980	<div style="text-align: center;"> 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was platted 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. </div> <div style="text-align: center; margin-top: 20px;"> Date of Survey JANUARY 22, 2001 Signature and Seal of Professional Surveyor </div> <div style="text-align: center;"> NM PEPS NO. 5412 </div>



Yates Petroleum Corporation

BOP-3

Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features

