

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
March 4, 2004

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

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

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

RECEIVED  
JUN 20 2005  
OCD-ARTEDIA

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210		<sup>2</sup> OGRID Number 025575 API Number 30 - 015- 32361	
<sup>3</sup> Property Code 30037	<sup>4</sup> Property Name Parker BBA Com		<sup>5</sup> Well No. 1

**<sup>7</sup> Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	21	18S	25E		1330'	North	660'	East	Eddy

**<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 Richard Knob; Atoka-Morrow					<sup>10</sup> Proposed Pool 2				

**Drilling Pit Location and Other Information**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	21	18S	25E		1330'	North	660'	East	Eddy
Depth to ground water 185'				Distance from nearest fresh water well 1000'			Distance from nearest surface water 500'		
<sup>11</sup> Work Type Code N		<sup>12</sup> Well Type Code G		<sup>13</sup> Cable/Rotary R		<sup>14</sup> Lease Type Code P		<sup>15</sup> Ground Level Elevation 3540'	
<sup>16</sup> Multiple No		<sup>17</sup> Proposed Depth 8900'		<sup>18</sup> Formation Chester		<sup>19</sup> Contractor Not Determined		<sup>20</sup> Spud Date ASAP	

**<sup>21</sup> 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'	450 sx	Surface
12 1/4"	8 5/8"	24#	1200'	600 sx	Surface
7 7/8"	5 1/2"	15.5# & 17#	8900'	600 sx	TOC-4800'

<sup>22</sup> 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.

\*Cement to cover all oil, gas and waterbearing zones.

Yates Petroleum Corporation proposes to drill and test the Chester and intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Approximately 1200' of intermediate casing will be set and cement circulated. If commercial, production casing will be run to TD and cemented, will perforate and stimulate as needed for production.

**MUD PROGRAM:** 0-400' FW/Native Mud; 400-1200' FW; 1200-8200' Cut Brine; 8200'- TD SaltGel/Starch/KCL

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

Sources at Yates Petroleum Corporation have relayed information to me that they believe there will not be enough H2S found from the surface through the Chester formation to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

Any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines with approved general permit on file. 12 mil liner requirements will be met. Site Ranking for this well is 10 points, with this ranking score capping and encapsulation will take place at pit closure.

<sup>23</sup> 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: *Debbie L. Caffall*

Printed name: Debbie L. Caffall

Title: Regulatory Technician

E-mail Address: debbiec@ypcnm.com

Date: 06/09/2005

Phone: (505) 748-4364

**OIL CONSERVATION DIVISION**

Approved by: *Jim W. Green*

Title: *District II Supervisor*

Approval Date: JUN 24 2005 Expiration Date: JUN 24 2006

Conditions of A

Attached ☐

**NOTIFY OCD OF SPUD & TIME TO WITNESS CEMENTING OF SURFACE CASING**

Previously Approved

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

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Artesia 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, N M 87505

Form C-102

Revised March 17, 1999

Submit to Appropriate District Office

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Richar Knob; Atoka-Morrow
Property Code	Property Name	Well Number
	PARKER "BAA" COM	1
OGRID No.	Operation Name	Elevation
025575	YATES PETROLEUM CORPORATION	3540

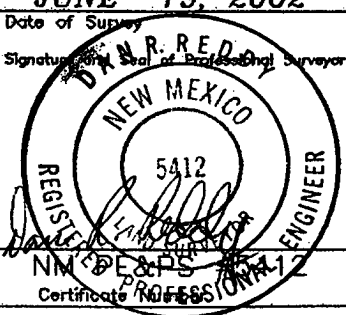
Surface Location

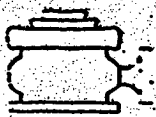
UL or Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
H	21	18-S	25-E		1330	NORTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
320 N/2									

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

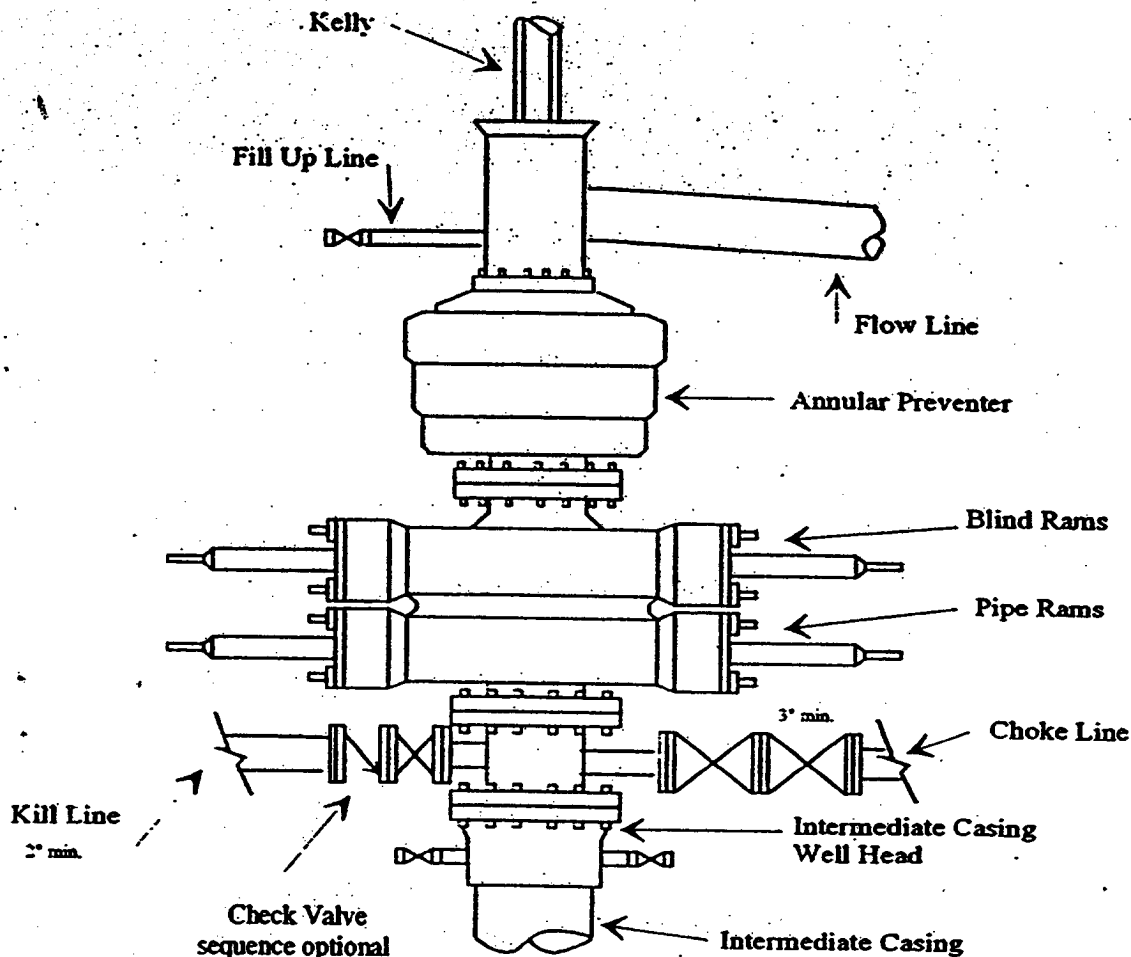
Fee	Fee	1330'	660'	OPERATOR CERTIFICATION	
				I HEREBY CERTIFY THAT THE INFORMATION HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.	
NM-0487738				Signature <i>Clifton R. May</i>	
				Printed Name Clifton R. May	
				Title Regulatory Agent	
				Date July 8, 2002	
				SURVEYOR CERTIFICATION	
				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 KNOWLEDGE AND BELIEF.	
				JUNE 19, 2002	
				Date of Survey	
				Signature and Seal of Professional Surveyor	
					



# 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

