

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

Form C-101  
March 4, 2004

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

☐ 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> OGD Number 025575 API Number 005 - 63408
<sup>3</sup> Property Code	<sup>5</sup> Property Name Hard As Nails AMD State Com.	<sup>6</sup> Well No. 4

<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
B	27	9S	26E		660	North	1980	East	Chaves

<sup>8</sup> Proposed Bottom Hole Location If Different

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South li
<sup>9</sup> Proposed Pool 1 Foor Ranch; Pre Permian						NOTIFY OCD OF SPUD & TIME TO WITNESS CEMENTING OF SURFACE CASING

Drilling Pit Location and Other Inform.

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	27	9S	26E		660	North	1980	East	Chaves
Depth to ground water N/A				Distance from nearest fresh water well N/A		Distance from nearest surface water N/a			
<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 S		<sup>15</sup> Ground Level Elevation 3786'	
<sup>16</sup> Multiple N		<sup>17</sup> Proposed Depth 6470'		<sup>18</sup> Formation Basement		<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
12 1/4"	8 5/8"	24#	1100'	550	Surface
7 7/8"	5 1/2"	15.5#	6470'	550	**

<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.

Yates Petroleum Corporation proposes to drill and test the Basement 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' FWGel, Paper, LCM; 1100'-4415' Brine; 4415'-6470" Starch/Salt Gel

BOPE PROGRAM: A 2000# 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 anticipated from the surface to the Basement Formation to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

The State Engineers Web Site has been accessed for the captioned well. There were no records found of ground water depth, water well, or any indication of any surface water in the area surrounding this well location.

<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 NMOC guidelines ☐, a general permit ☒, or an (attached) alternative OCD approved plan ☐.

Signature:

*Robert Asher*

Printed name: Robert Asher

Title: Regulatory Agent / Land Department

E-mail Address: debbiec@ypcn.com

Date: 07/12/2004

Phone: (505) 748-4376

OIL CONSERVATION DIVISION

Approved by:

*Jim W. Gumi*

Title:

*District Supervisor*

Approval Date: JUL 16 2004

Expiration Date: JUL 16 2005

Conditions of Approval:

Attached ☐

CEMENT TO COVER ALL OIL,  
GAS AND WATER BEARING  
ZONES Cover Glacier

**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

**1220 S. St. Francis Dr., Santa Fe, NM 87505**

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

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Wildcat Basement</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Hard As Nails "AMD" State Com.</b>	
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>	<sup>6</sup> Well Number <b>4</b>  <sup>9</sup> Elevation <b>3786</b>

## <sup>10</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
<b>B</b>	<b>27</b>	<b>9S</b>	<b>26E</b>		<b>660</b>	<b>North</b>	<b>1980</b>	<b>East</b>	<b>Chaves</b>

<sup>11</sup> 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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<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION			
<div>LG - 8138</div>	<div><div>660'</div><div>1980'</div></div>	<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</div> <div><div>Robert Asher</div><div>Regulatory Agent</div><div>7/12/2004</div></div>	
		<div>Signature</div> <div>Printed Name</div> <div>Title</div> <div>Date</div>	
<div>V-5639</div>		<div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div><div>Date of Survey</div><div>Signature and Seal of Professional Surveyor.</div></div>	
		<div><div>Refer to Original Plat</div><div>Certificate Number</div></div>	

DISTRICT I  
1520 N. French Dr., Hobbs, NM 88240  
DISTRICT II  
111 South First, Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Artesia, NM 87410  
DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87506

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	Pool Code	Pool Name Wildcat Basement
Property Code	Property Name HARD AS NAILS "AMD" STATE COM.	Well Number 4
OCRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3786

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	27	9S	26E		660	NORTH	1980	EAST	CHAVES

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.
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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

LG-8138	1980'	N.33°30'32.8" W.104°16'59.3"
V-5639		

**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Pat Perez  
Signature

Pat Perez  
Printed Name

Regulatory Agent  
Title

8-15-01  
Date

**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.

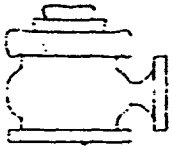
8/10/2001  
Date Surveyed

ROSCHELL L. JONES  
Signature & Seal of Professional Surveyor

3640  
Registration No.

Pat Perez  
Certified by Pat Perez and Jones RLS 3640

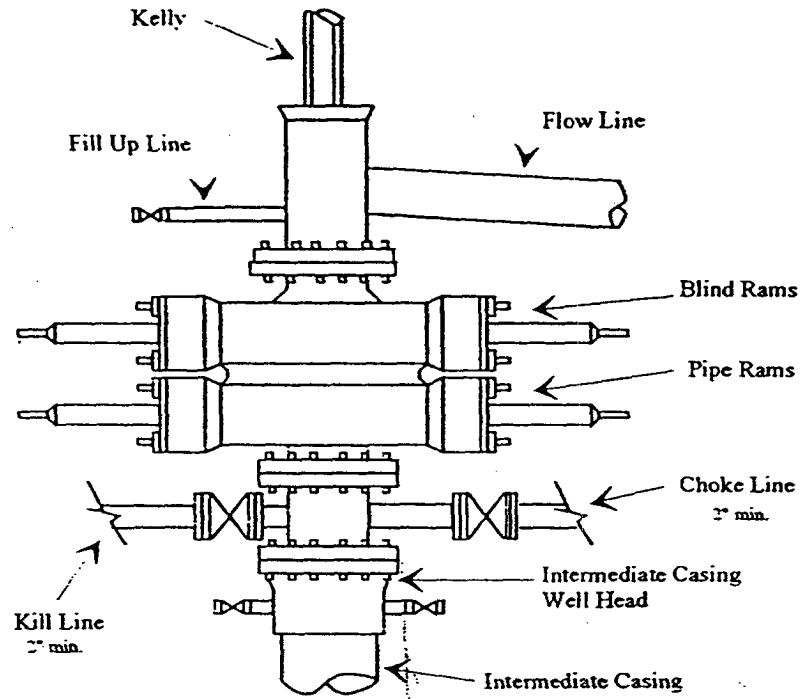
HARD AS NAILS  
GENERAL SURVEYING COMPANY



# Yates 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

