

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, 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 Property Code 36550		4 API Number 30-025-38772
5 Property Name Big Hat BKK State		6 Well No. 5
9 Proposed Pool 1 Wildcat San Andres		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
N	11	16S	33E	N	330'	South	1650'	West	Lea

## 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 New well	12 Well Type Code Oil	13 Cable/Rotary	14 Lease Type Code State	15 Ground Level Elevation 4178'
16 Multiple N	17 Proposed Depth 4750'	18 Formation San Andres	19 Contractor Not Determined	20 Spud Date
Depth to Groundwater 125'		Distance from nearest fresh water well 400'		Distance from nearest surface water 1000' or more
Pit Liner: Synthetic XX 12_mils thick Clay <input type="checkbox"/> Pit Volume: 24,000 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input 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	9.625	36	1500'	550	0
8.75	5.5	15.5	4750'	1100	0

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 San Andres and intermediate formations. Approximately 1550' of surface casing will be set and cement circulated to shut off gravel and cavings. Intermediate casing will be set at 4750' cement circulated to surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

**MUD PROGRAM:** 0-1550' Fresh Water; 1550'-4750' Red Bed Mud/Oil.

**BOPE PROGRAM:** a 2000# BOPE will be installed on the 9.625" casing and tested daily for operational.

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 San Andres formation meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

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

Clifton R. May

Printed name: Clifton R. May

Title: Regulatory Agent

E-mail Address: chlff@ypcnm.com

Date: 1/18/08

Phone: (575) 748-4347

## OIL CONSERVATION DIVISION

Approved by:

Chris Williams

Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date: FEB 25 2008

Expiration Date:

Conditions of Approval Attached ☐

Permit Expires 2 Years From Approval Date Unless Drilling Underway

PREVIOUSLY APPROVED

C-102 attached

District I  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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JAN 22 2008

HOBBS OCD

Form C-102

Revised October 12, 2005

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 30-025-38772	<sup>2</sup> Pool Code —	<sup>3</sup> Pool Name Wildcat San Andres
<sup>4</sup> Property Code 36550	<sup>5</sup> Property Name Big Hat BKK State	<sup>6</sup> Well Number 5
<sup>7</sup> OGRID No. 025575	<sup>8</sup> Operator Name Yates Petroleum Corporation	<sup>9</sup> Elevation 4178'

<sup>10</sup> Surface Location

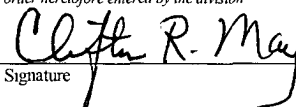
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	11	16S	33 E		330	South	1650	West	Lea

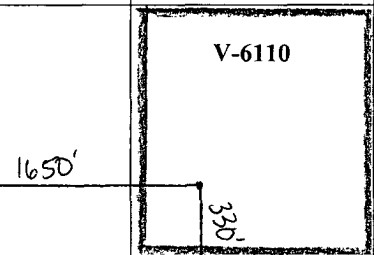
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 40 SESW	<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.

16				<b><sup>17</sup> OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i>  1/18 /08 Signature Date Clifton R. May, Regulatory Agent Printed Name
				<b><sup>18</sup> SURVEYOR CERTIFICATION</b> <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>
				Date of Survey Signature and Seal of Professional Surveyor:
				<b>REFER TO ORIGINAL PLAT</b>
				Certificate Number



**DISTRICT IV**  
2040 South Pacheco, Santa Fe, NM 87505

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

**P.O. Box 2088**

**Santa Fe, New Mexico 87504-2088**

**HOBBS OGD**

**AMENDED REPORT**

API Number	Pool Code	Pool Name
30-025-38772	—	
Property Code	Property Name	Well Number
36550	BIG HAT STATE UNIT	5
OGRID No.	Operator Name	Elevation
025575	YATES PETROLEUM CORPORATION	4178

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	11	16S	33E		330	SOUTH	1650	WEST	LEA

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

	<p>N.32°55'47.9" W.103°38'13.4" N.702763.9 E.754966.9 (NAD-83)</p>		

← 1650'

9330'

← 1650'

9330'

### OPERATOR CERTIFICATION

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

Signature \_\_\_\_\_

Printed Name \_\_\_\_\_

Title \_\_\_\_\_

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.*

2/03/2006

Date Surveyed \_\_\_\_\_

Signature \_\_\_\_\_

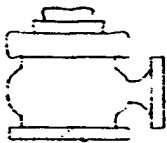
Professional Surveyor \_\_\_\_\_

Certificate No. Herschel L. Jones RLS 3640

BIG HAT STATE UNIT 5

GENERAL SURVEYING COMPANY

0 330' 660' 990' 1650' 1980' 2310' 2310' 1980' 1650' 990' 660' 330' 0



# Yates Petroleum Corporation

BOP-2

Typical 2,000 psi Pressure System

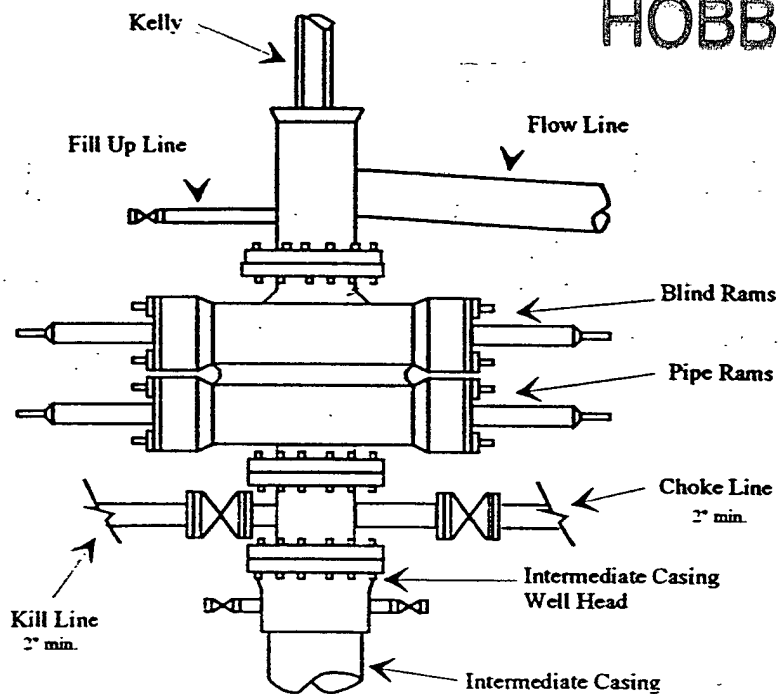
Schematic

Double Ram Preventer Stack

**RECEIVED**

JAN 22 2008

**HOBBS OCD**



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

