

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

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 S. 4 th Street Artesia, NM 88210		² OGRID Number 025575
		³ API Number 30-025-36223
⁵ Property Code 29794	³ Property Name Big Hat State Unit	⁶ Well No. 3
⁹ Proposed Pool 1 Anderson Ranch; Penn, East		¹⁰ Proposed Pool 2 Wildcat Wolfcamp

⁷ Surface Location

UL or lot no. B	Section 3	Township 16S	Range 33E	Lot Idn B	Feet from the 795	North/South line North	Feet from the 2281	East/West line East	County Lea
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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
B	3	16S	33E	B	685	North	2111	East	Lea

Additional Well Information

¹¹ Work Type Code P		¹² Well Type Code O		¹³ Cable/Rotary N/A		¹⁴ Lease Type Code S		¹⁵ Ground Level Elevation 4219'	
¹⁶ Multiple N		¹⁷ Proposed Depth N/A		¹⁸ Formation Devonian		¹⁹ Contractor N/A		²⁰ Spud Date ASAP	
Depth to Groundwater >100'			Distance from nearest fresh water well >100'			Distance from nearest surface water >100'			
Pit: Liner: Synthetic <input type="checkbox"/> ____mils thick Clay <input type="checkbox"/> Pit Volume: ____bbls Drilling Method:									
Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input 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
		IN PLACE			Permit Expires 1 Year From Approval Date Unless Drilling Underway Playback

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.

Propose to plug back and perforate as follows:

Set CIBP @ 12580' and dump 35' cement on plug. Perforate Atoka 12248-52' (24) and 12328-41' (78); acidize and possibly frac. If Atoka is not productive, set CIBP @ 12200' and dump 35' cement on plug. Perforate Canyon 11504-17' (26), 11524-30' (12), 11542-60' (36), 11572-80' (16) and 11604-09' (10) and acidize. If production is not adequate, set CIBP @ 11450' and dump 35' cement on plug. Perforate Wolfcamp 10370-85' (30), 10406-12' (12), 10415-18' (6), 10436-46' (20) and 10452-62' (20) and acidize. If production is not adequate, set CIBP @ 10350' and dump 35' cement on plug. Perforate Cisco 10218-23' (10), 10253-57' (8) and 10280-94' (28) and acidize. If production is not economic, set CIBP @ 10180' and dump 35' cement on plug. Cut 7" casing @ 7500' and pull casing. Spot 100' plug (35 sx) 7550-7450'. Pull up and spot 35 sx plug 6105-6005'. WOC and tag plug. Perforate San Andres 4872-81' (18), 4910-11' (2), 4920-33' (26), 5038-64' (52) and 5838-70' (64) and acidize. **Continued...**

<p>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 <input checked="" type="checkbox"/>, a general permit <input type="checkbox"/>, or an (attached) alternative OCD-approved plan <input type="checkbox"/>.</p> <p>Signature: <u>Stormi Davis</u></p> <p>Printed name: Stormi Davis</p> <p>Title: Regulatory Compliance Technician</p> <p>E-mail Address: stormid@ypcnm.com</p> <p>Date: 2-14-05</p>		<p align="center">OIL CONSERVATION DIVISION</p> <p>Approved by: <u>[Signature]</u></p> <p>Title: FEB 21 2005</p> <p>Approval Date: PETROLEUM ENGINEER</p> <p>Conditions of Approval Attached <input type="checkbox"/></p>	
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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

May 27, 2004

Oil Conservation Division

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		³ API Number 30 -025-36223
⁵ Property Code 29794	⁵ Property Name Big Hat State Unit	⁶ Well No. 3
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
B	3	16S	33E	B	795	North	2281	East	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
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Additional Well Information

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Depth to Groundwater >100'		Distance from nearest fresh water well >100'		Distance from nearest surface water >100'
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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		IN PLACE			

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Continued

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Signature:

Printed name: Stormi Davis

Title: Regulatory Compliance Technician

E-mail Address: stormid@ypcnm.com

Date: 2-14-05

Phone: 505-748-1471

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval 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

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-36223		² Pool Code	³ Pool Name Wildcat San Andres
⁴ Property Code 29794	⁵ Property Name Big Hat State Unit		⁶ Well Number 3
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation		⁹ Elevation 4219' GR

¹⁰ Surface Location

UL or lot no. B	Section 3	Township 16S	Range 33E	Lot Idn B	Feet from the 795	North/South line North	Feet from the 2281	East/West line East	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. B	Section 3	Township 16S	Range 33E	Lot Idn B	Feet from the 685	North/South line North	Feet from the 2111	East/West line East	County Lea
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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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			¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature
			Stormi Davis Printed Name Regulatory Compliance Technician
			Title and E-mail Address stormid@ypcnm.com
			Date 2-14-05
			¹⁸ SURVEYOR CERTIFICATION <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:
			Certificate Number

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⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	
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		⁹ Elevation 4219' GR

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			<p>¹⁸ SURVEYOR CERTIFICATION <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></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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⁴ Property Code 29794	⁵ Property Name Big Hat State Unit	⁶ Well Number 3
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 4219' GR

¹⁰ Surface Location

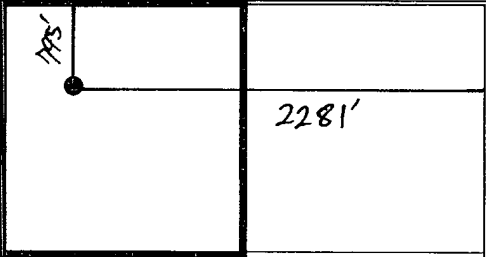
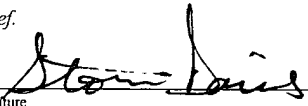
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