

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised March 17, 1999
Instructions on back
Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

DISTRICT II
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

PO BOX 2088
Santa Fe, NM 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87501

☐ 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 API Number 30- 30-025-35739-36413
⁴ Property Code 25300	⁵ Dome Big Bear "ATN"	⁶ Well No. 3

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	29	15S	35E		330	South	1980	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
⁹ Proposed Pool 1 Big Dog Strawn					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4007'
¹⁶ Multiple No	¹⁷ Proposed Depth 11,900'	¹⁸ Formation Strawn	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	400'	400 sx	Surface
11"	8 5/8"	32#	4950'	1500 sx	Surface
7 7/8"	5 1/2"	17#	11900	400sx	TOC-9200'

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 Strawn and intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be set at 4950' and cement circulated to surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-400' FW Gel, Paper, LCM; 400-4950' Brine; 4950-11500' FW with sweeps as needed; 11500'-11900' SW Gel/Drispac/Starch.

BOPE PROGRAM: A 5000# BOPE will be installed on the 8 5/8" casing and tested daily.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Clifton R. May</i>		OIL CONSERVATION DIVISION	
Printed name: Clifton R. May		Approved by: <i>Paul J. [Signature]</i>	
Title: Regulatory Agent		Title: PETROLEUM ENGINEER	
Date: 09/08/03		Approval Date: SEP 19 2003 Expiration Date:	
Phone: (505) 748-1471		Conditions of Approval Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

District II
811 South First, Artesia, NM 88210

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

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

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-36413 30-025-35739	² Pool Code 5537	³ Pool Name Big Dog Strawn
⁴ Property Code 25300	⁵ Property Name Big Bear "ATN"	⁶ Well Number 3
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 4007'

¹⁰ Surface Location

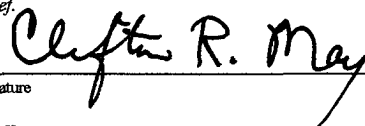
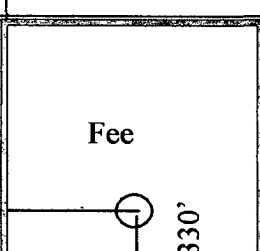
UL or lot no. N	Section 29	Township 15S	Range 35E	Lot Idn	Feet from the 330	North/South line South	Feet from the 1980	East/West line West	County Lea
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¹¹ Bottom Hole Location If Different From Surface

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 40.00	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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Clifton R. May Printed Name Regulatory Agent Title 09/08/2003 Date
				¹⁸ 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. REFER TO ORIGINAL PLAT Date of Survey Signature and Seal of Professional Surveyor: Certificate Number
				

<div style="position: relative; height: 100%;"> <div style="position: absolute; bottom: 20px; left: 20px;"> <p>← 1980'</p> <p style="margin-top: 10px;">N. 32° 58' 54.8" W. 103° 25' 54.8"</p> <p style="margin-top: 10px;">FEE</p> <p style="margin-top: 10px;">330' 0"</p> </div> </div>	<div> <div> OPERATOR CERTIFICATION <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p style="font-size: 1.2em; font-family: cursive;">Clifton R. May</p> <p><u>Signature</u></p> <p><u>Clifton R. May</u></p> <p><u>Printed Name</u></p> <p><u>Regulatory Agent</u></p> <p><u>Title</u></p> <p><u>10-15-01</u></p> <p><u>Date</u></p> </div> <div> SURVEYOR CERTIFICATION <p><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 style="text-align: right;">10/12/2001</p> <p><u>Date Surveyed</u></p> <p><u>Signature & Seal of Professional Surveyor</u></p> <div style="text-align: center;">  </div> <p><u>Certificate No. Hershell Jones RLS 3640</u></p> <p style="text-align: center;">BIG SURETY</p> <p style="text-align: center;">GENERAL SURVEYING COMPANY</p> </div> </div>
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YATES PETROLEUM CORPORATION

TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER & CHOKE MANIFOLD SCHEMATIC

