

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
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 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025575
³ Property Code 34489	⁴ Property Name Impala BFM State Com	⁵ API Number 30-025-38225
⁹ Proposed Pool 1 Wildcat Devonian		⁶ Well No. 1
⁷ Surface Location		¹⁰ Proposed Pool 2

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	16	23S	34E	B	660'	North	1618'	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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3415'
¹⁶ Multiple N	¹⁷ Proposed Depth 14850'	¹⁸ Formation Devonian	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP
Depth to Groundwater 100' feet or more		Distance from nearest fresh water well More than 1000'		Distance from nearest surface water 1000' or more
Pit: Liner: Synthetic XX 12_mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5	13.375	48#	600'	750 sx	0
12.25	9.625	40#	4900'	1850 sx	0
8.75	7	26#	11750'	1350 sx	4400
6.125	4.5	15.1#	14850'	400 sx	11300

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 Devonian and intermediate formations. Approximately 600' of surface casing will be set and cemented. 1st Intermediate casing will be set @ 4900', cement circulated to the surface. 2nd Intermediate casing will be set @ 11750', cement circulated to surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production. MUD PROGRAM: 0-600' FW/Gel/Paper; 600'-4900' Brine; 4900'-8300' Cut Brine; 8300'-11750' Drispac; 11750' -TD; Drispac, XCD Polymer.

BOPE PROGRAM: A 5000# BOPE will be installed on the 9 5/8" casing & 10,000# BOPE installed on the 7 casing.

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 Devonian Formation to meet the OCD's minimum requirements for the submission of contingency plan per Rule 118. Thank you,

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:

Printed name: Clif May

Title: Regulatory Agent

E-mail Address:

Date: 12/8/06

Phone: (505) 748-4347

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: JAN 02 2007

Expiration Date:

Conditions of Approval Attached ☐

PREVIOUSLY APPROVED

Permit Expires 1 Year From Approval Date Unless Drilling Underway

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STATE OF NEW MEXICO
Energy, Minerals and Natural Resources Department

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 30-025-38225	Pool Code 2	Pool Name Wildcat Devonian
Property Code 34489	Property Name IMPALA "BFM" STATE COM.	Well Number 1
GRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3415

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	16	23S	34E		660	NORTH	1618	EAST	LEA

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	Joint or Infill	Consolidation Code	Order No.
320 N/2			

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

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Clifton R. May</i> Signature Clifton R. May Printed Name Regulatory Agent Title 12/21/04 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. 11/18/2004 Date Surveyed <i>[Signature]</i> Signature & Seal of Professional Surveyor Certificate No. Herschel L. Jones RLS 3640 IMPALA 1 GENERAL SURVEYING COMPANY PROFESSIONAL

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