

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
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

¹ Operator Name and Address. YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210		¹ OGRID Number 025575
⁴ Property Code 20 754	⁴ Property Name Brunson "AQK" State Com	¹ API Number 30 - 025 - 33931
		⁴ Well No. 1

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
G	10	16S	35E		2260'	North	1795'	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Wildcat Mississippian					⁹ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4003'
¹⁶ Multiple No	¹⁷ Proposed Depth 12,700'	¹⁸ Formation Mississippian	¹⁹ Contractor Not Known	²⁰ Spud Date 4/30/97

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42# H-40	450'	550 sx	Circulate
11"	8 5/8"	32# J-55, HC-80	4600'	1250 sx	Circulate
7 7/8"	5 1/2"	17# S-90, L-80, J-55, N-80, S-95	TD	1350 sx	As Warranted

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 Mississippian and intermediate formations. Approximately 450' of surface casing will be run and cement circulated. Approximately 4600' of intermediate casing will be run and cement circulated. If commercial, production casing will be run to TD, cemented with adequate cover, perforated and stimulated as needed for production.
MUD PROGRAM: FW Gel, Paper, LCM to 450'; Brine to 4600'; Cut Brine, Starch to 9600'; Salt Gel, Starch to TD.
BOPE PROGRAM: The BOPE will be installed on the 11 3/4" casing and tested daily for operational.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: Clifton R. May
Printed name: Clifton R. May
Title: Regulatory Agent
Date: April 18, 1997
Phone: (505) 748-4347

OIL CONSERVATION DIVISION	
Approved by: <u>ORIGINAL SIGNED BY JERRY SEXTON</u>	
Title: <u>DISTRICT I SUPERVISOR</u>	
Approval Date: <u>APR 21 1997</u>	Expiration Date:
Conditions of Approval: Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

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DISTRICT II
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Energy, Minerals and Natural Resources Department

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Revised February 10, 1994
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OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 32-025-33931	Pool Code C	Pool Name WILDCAT MISSISSIPPIAN
Property Code 20754	Property Name BRUNSON "AQK" STATE COM.	Well Number 1
OGRID No. 025875	Operator Name YATES PETROLEUM CORPORATION	Elevation 4003

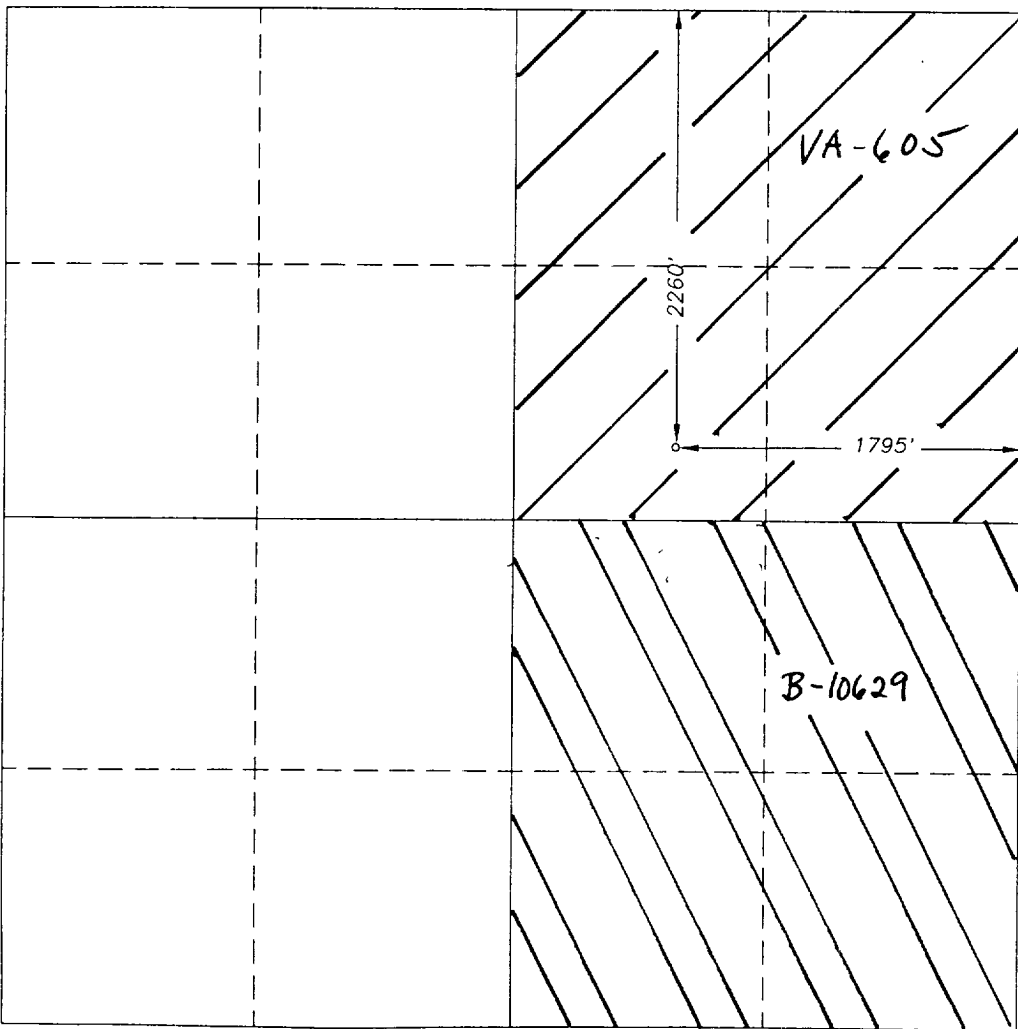
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	10	16S	35E		2260	NORTH	1795	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 320	Joint or Infill	Consolidation Code	Order No.						

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Clifton R. May</i> Signature Clifton R. May Printed Name Regulatory Agent Title April 18, 1997 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>4/08/97 Date Surveyed</p> <p><i>Herschel Jones</i> Signature Professional Surveyor Professional Seal NEW MEXICO 3640 Certificate No. Herschel Jones RLS 3640 GSC PROFESSIONAL LAND SURVEYING COMPANY</p>

YATES PETROLEUM CORPORATION

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

