

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

Operator Name and Address. YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210		OGRID Number 025575
		API Number 30-025-34147
Property Code 21542	Property Name Buffalo ARU State Com.	Well No. 2

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
L	18	16S	35E		1980'	South	660'	West	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
Under Proposed Pool 1 Townsend Morrow					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 4043'
Multiple N	Proposed Depth 13,600'	Formation Morrow	Contractor Unknown	Spud Date ASAP

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"	42.0#	450'	300 sx	Circulate
11"	8 5/8"	32.0#	4650'	1300 sx	Circulate
7 7/8"	5 1/2"	17.0#	TD	2250 sx	As Warranted

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 Morrow and intermediate formations. Approximately 450' of surface casing will be set and cement circulated. Approximately 4650' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW/Gel, Paper, LCM to 450'; Brine to 4650'; Cut Brine, Starch to 9600' Drispac, XC Polymer to TD.

BOPE PROGRAM: BOPE will be nipped up on the 11 3/4" casing and tested daily.

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: September 25, 1997
Phone: (505) 748-4171

OIL CONSERVATION DIVISION	
Approved By: <u>Paul Kautz</u>	Original Signed by
Title: <u>Geologist</u>	
Approval Date: <u>9-26-97</u>	Expiration Date:
Conditions of Approval: Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

MP



DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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Form C-102
Revised February 10, 1994
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Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
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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 30-025-34147	Pool Code	Pool Name TOWNSEND MORROW
Property Code 21542	Property Name BUFFALO "ARU" STATE COM.	Well Number 2
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4043

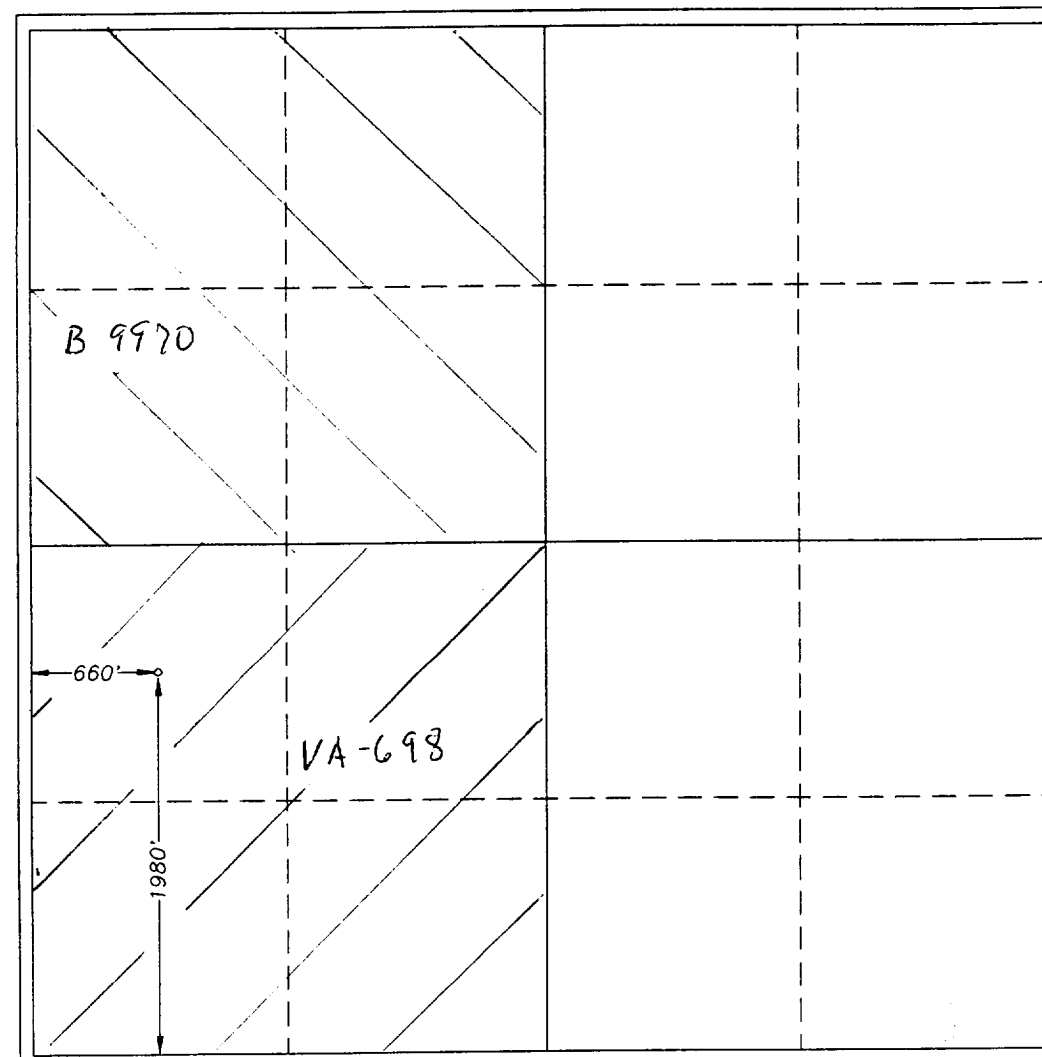
Surface Location

UL or lot No. L	Section 18	Township 16S	Range 35E	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 660	East/West line WEST	County LEA
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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.

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>Clifton R. May Signature CLIFTON R. MAY Printed Name REGULATORY AGENT Title 9-26-97 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>9/26/97 Date Surveyed BERSCHELL L. JONES Signature Professional Surveyor NEW MEXICO 3640 Certified by Michael L. Jones RLS 3640 BUFFALO GENERAL SURVEYING COMPANY</p>
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YATES PETROLEUM CORPORATION

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

