

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

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87501

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-101

Revised March 17, 1999

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		² OGRID Number 025575
		³ API Number 30 30-005-62884
⁴ Property Code 29731	⁵ Property Name Vertigo "AXV" State	⁶ Well No. 1

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
G	16	6S	27E		2310	North	1980	East	Chaves

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 Wildcat					¹⁰ Proposed Pool 2				

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4110'
¹⁶ Multiple No	¹⁷ Proposed Depth 6535'	¹⁸ Formation Pennsylvanian	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
12 1/4"	8 5/8"	24#	530'-in place	315 sx	Circulate
7 7/8"	4 1/2"	11.6#	TD	500 sx	TOC-4000'

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 production. Describe the blowout prevention program, if any. Use additional sheets if necessary.

* Deviation Tests required as per Rule 111.B

See Attached Sheets for additional information.

NSL - 4725

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: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR	
Title: Regulatory Agent		Title:	
Date: 04/02/02		Approval Date: MAY 09 2002 Expiration Date: MAY 09 2003	
Phone: (505) 748-1471		Conditions of Approval: Attached <input type="checkbox"/> *	

DISTRICT I
1626 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
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 30-005-62884	Pool Code	Pool Name Wildcat
Property Code	Property Name Vertigo "AXV" State Com	Well Number 1
OCED No. 025575	Operator Name Yates Petroleum Corporation	Elevation 4110'

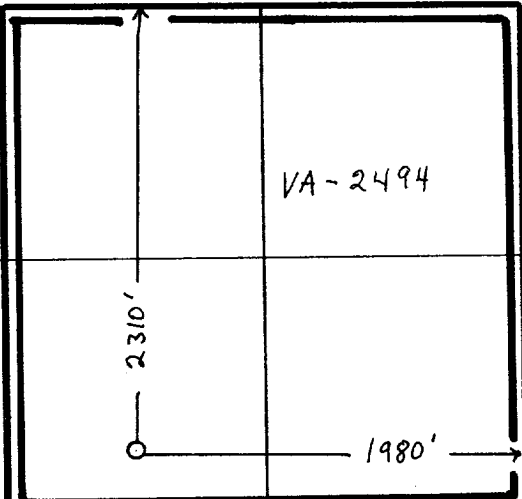
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	16	6S	27E		2310'	North	1980	East	Chaves

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--E1/2	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**

	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 <u>Clifton R. May</u> Printed Name <u>Clifton R. May</u> Regulatory Agent Title Date <u>April 2, 2002</u>	
	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> Refer to Original Plat Date Surveyed Signature & Seal of Professional Surveyor	
	Certificate No. Herschel L. Jones RLS 3640	
	GENERAL SURVEYING COMPANY	

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section

Operator MCLELLAN OIL CORPORATION			Lease PEARL STATE		Well No. #1
Unit Letter G	Section 16	Township 6S.	Range 27E.	County NMPM	CHAVES
Actual Footage Location of Well: 2310 feet from the NORTH line and 1980 feet from the EAST line					
Ground level Elev. 4110	Producing Formation MONTOKA		Pool WILDCAT		Dedicated Acreage: 80 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communalization, unitization, force-pooling, etc.?

☐ Yes ☒ No If answer is "yes" type of consolidation

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communalization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

		V-3886 McClellan Oil - 100%	
		VB-0106 McClellan Oil - 50% Toles Company - 50%	
		1980'	
SECTION 16, T.6S., R.27E., N.M.P.M.			

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Mark McClellan
Printed Name
Mark McClellan
Position
Vice President
Company
McClellan Oil Corporation
Date
January 29, 1992

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 knowledge and belief.

Date Surveyed
1/27/92
Signature & Seal of Professional Surveyor
JOHN A. JAQUSS
NEW MEXICO
6290
Certified to
6200
PROFESSIONAL ENGINEER
BK. 62, PG. 40

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

YATES PETROLEUM CORPORATION

Vertigo "AXV" State #1 Re-entry

2310' FNL & 1980' FEL

Section 16-T6S-R27E

Chaves County, New Mexico

Lease #VA-2494

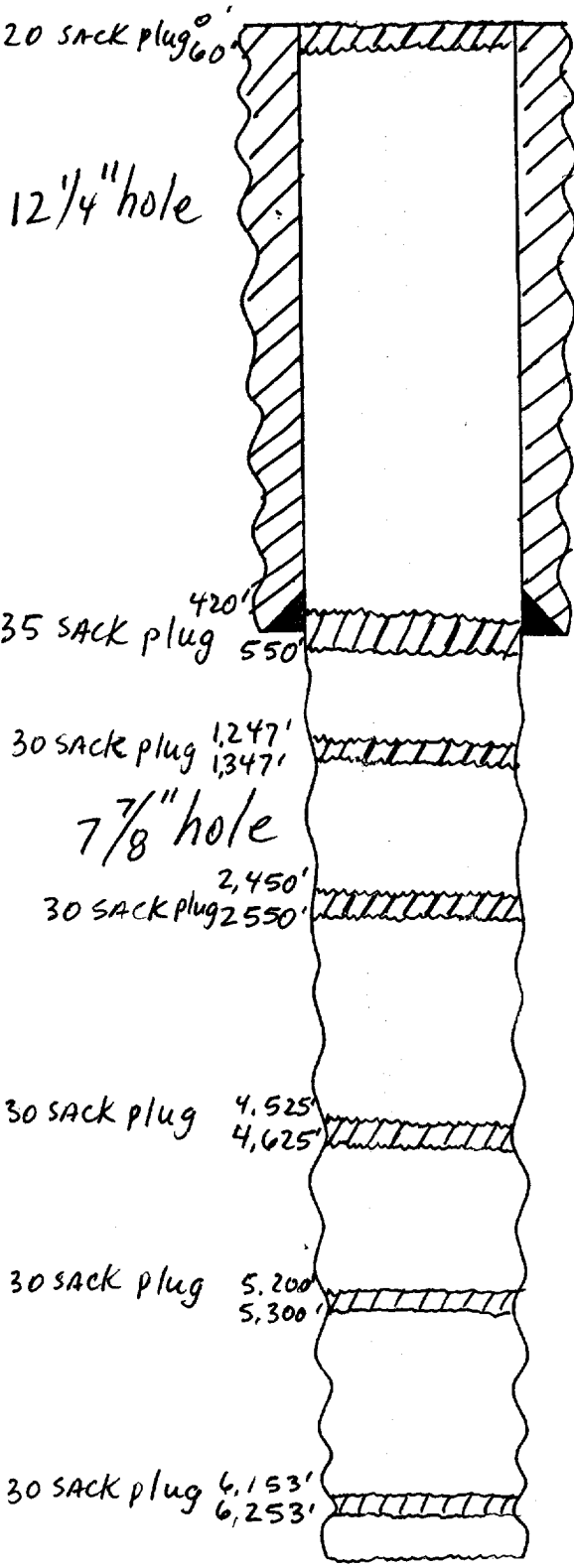
API# 30-005-62884

Drilling Plans: This well was originally drilled by McClellan Oil Corporation as the Pearl State #1. It was plugged and abandoned on 2-24-92. Yates Petroleum Corporation plans to re-enter this well bore using a pulling unit and a reverse unit to drill out the cement plugs in the 8 5/8" casing and the 7 7/8" open hole to the old total depth of 6535'. A new suite of open hole logs may be ran. After circulating the hole clean a string of 4 1/2" Casing will be ran to the total depth and cemented with enough cement to bring the top of cement to approximately 4,000'. The mud program to be used will be 9.5-9.7 ppg brine water with a 55-70 viscosity. A 3,000# BOPE will be installed on the 8 5/8" casing.

The well will be completed using a pulling unit. The well will be completed and tested in the Penn sand @ 6170', and/or the Cisco @ 5950'.

WELL NAME: VERTIGO "AXV" STATE #1 FIELD: Wildcat
 LOCATION: 2.310' FNL & 1,980' FEL Sec 16, T6S, R27E, Chaves Co, NM.
 I.L.: 4,110' ZERO: _____ AGL: _____ KB: _____
 PUD DATE: 2/3/92 COMPLETION DATE: _____
 COMMENTS: DJA 2/24/92

CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
8 5/8", 24.0 #/ft, J-55, STX	530'



before

8 5/8" @ 530' CMTDW/ 315 SACKS, CMT
 circ. to surface

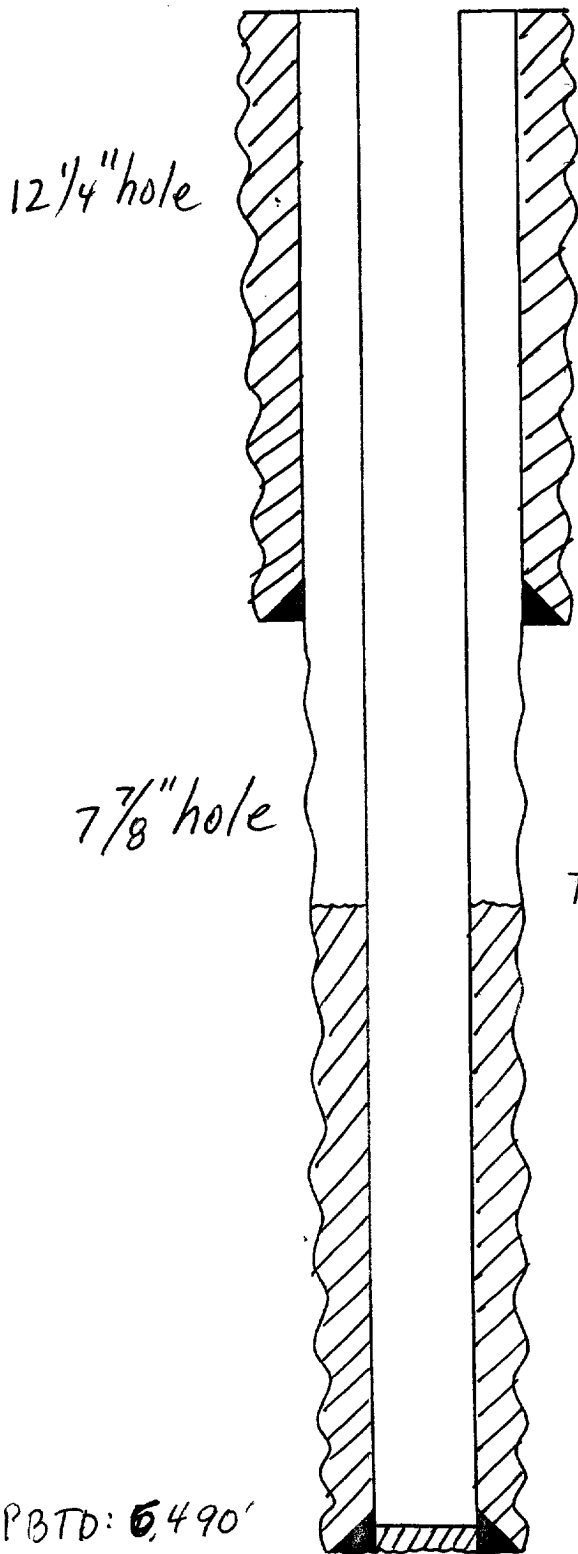
Tops
 Glorieta: 2,502'
 Wolfcamp: 5,256'
 Cisco: 5,812'

TD: 6,535' - SKETCH NOT TO SCALE -

DATE: 7/24/01 JWP

WELLNAME: VERTIGO "A" STATE #1 FIELD: Wildcat
 LOCATION: 2.310' FNL & 1.980' FEL Sec 16, T6S, R27E, Chaves Co, NM.
 GL: 4,110' ZERO: _____ AGL: _____ KB: _____
 SPUD DATE: 2/3/92 COMPLETION DATE: _____
 COMMENTS: DJA 2/24/92

CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
8 5/8", 24.0 #/ft, J-53, STX	530'
4 1/2", 11.60 #/ft, N-80, LHC	6,535'



After _____
 8 5/8" @ 530' CMTD W/ 315 SACKS, CMT circ. to surface

TOC: 4,000' +/-

Tops:
 Glorieta: 2,502'

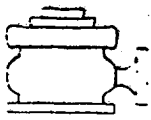
Wolfcamp: 5,256'
 Cisco: 5,812'

PBTD: 6,490'

TD: 6,535'

- SKETCH NOT TO SCALE -

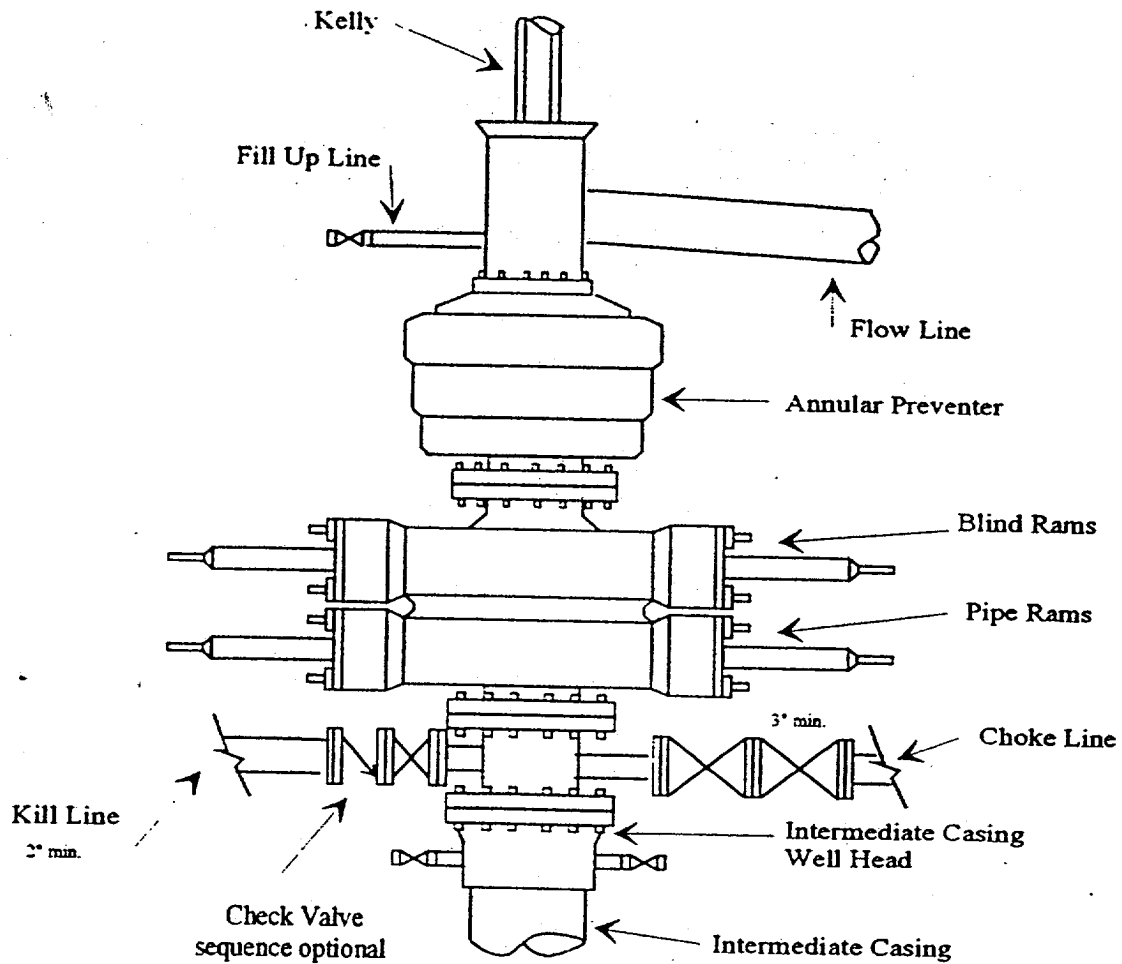
DATE: 7/24/01 JWP



ates Petroleum Corporation

BOP-3

Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features

