

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  
March 4, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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**

<sup>1</sup> Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210		<b>RECEIVED</b> JUL 27 2006 30 - OCS-00333		<sup>2</sup> OGRID Number 025575 API Number
<sup>3</sup> Property Code 35911	<sup>4</sup> Property Name Jumper BJA State Com. OOD-ARTESEM			<sup>5</sup> 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
O	10	12S	27E		660	South	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

<sup>9</sup> Proposed Pool 1  
Abo  
Wildcat

<sup>10</sup> Proposed Pool 2

**Drilling Pit Location and Other Information**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	10	12S	27E		660	South	1980'	East	Chaves
Depth to ground water 150'				Distance from nearest fresh water well Over 1 mile			Distance from nearest surface water Over 1 mile		
<sup>11</sup> Work Type Code Re-Entry		<sup>12</sup> Well Type Code G		<sup>13</sup> Cable/Rotary Pulling Unit		<sup>14</sup> Lease Type Code S		<sup>15</sup> Ground Level Elevation 3672'	
<sup>16</sup> Multiple N		<sup>17</sup> Proposed Depth 5664'		<sup>18</sup> Formation Wolfcamp		<sup>19</sup> Contractor Not Determined		<sup>20</sup> Spud Date ASAP	

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	61.0#	257'	250 sx	In Place
12 1/4"	9 5/8"	32.30#	2024'	2500 sx	In Place
8 3/4"	4 1/2"	10.50#	7075'	750 sx	TOC-2400'

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.

**SEE ATTACHMENTS:**

Page 2. (Re-Entry Drilling Prognosis)  
Page 3. (BOP-Schematic)  
Page 4. (Before-Schematic)  
Page 5. (After-Schematic)

<sup>23</sup> 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 NMOC guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

Signature: *Debbie L. Caffall*

Printed name: Debbie L. Caffall

Title: Regulatory Agent

E-mail Address: debbiec@ypcn.com

Date: July 27, 2006

Phone: (505) 748-4376

CEMENT TO COVER ALL  
OIL, GAS AND WATER  
BEARING ZONES, EXAMPLE:  
GLORIETA FORMATION *BGA*

OIL CONSERVATION DIVISION

Approved by:

**BRYAN G. ARRANT**  
**DISTRICT II GEOLOGIST**

Approval Date: **AUG 01 2006**

Expiration Date: **AUG 01 2007**

Conditions of Approval:

Attached ☐

District I  
1625 N. French Dr., Hobbs, NM 88240 Energy, Minerals & Natural Resources Department  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM

State of New Mexico

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

Form C-102  
Revised August 15, 2000

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

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-</b>	<sup>2</sup> Pool Code <b>96048</b>	<sup>3</sup> Pool Name <b>Wildcat ABO</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Jumper BJA State Com.</b>	<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>	<sup>9</sup> Elevation <b>3672'</b>

**<sup>10</sup> Surface Location**

UL or lot no. <b>0</b>	Section <b>10</b>	Township <b>12S</b>	Range <b>27E</b>	Lot Idn	Feet from the <b>660</b>	North/South line <b>South</b>	Feet from the <b>1980</b>	East/West line <b>East</b>	County <b>Chaves</b>
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**<sup>11</sup> 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
<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

16			<b><sup>17</sup> OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature <b>Debbie L. Caffall</b> Printed Name <b>Regulatory Agent</b> Title <b>7/27/2006</b> Date
			<b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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. Date of Survey Signature and Seal of Professional Surveyor: <b>REFER TO ORIGINAL PLAT</b> Certificate Number
	<b>VA-3083</b>		<b>VA-3083</b> <b>1980'</b>

**YATES PETROLEUM CORPORATION**

**Jumper BJA State Com. #1 (Re-entry)**

**Drilling Prognosis**

**Page 2**

This well was originally drilled by Humble Oil and Refining Company as the N.M. State "U". It was spudded in May, 1948. This well was re-entered in 2000 by Yates as the Caleb AVE State 1.

Yates's plan is to re-enter the well with a pulling unit and a reverse unit to drill out cement plugs in the 4 1/2" casing down to 5,700' then perforate and test the basal Abo dolomite from 5,578' – 5,682'.

MUD PROGRAM: Not applicable.

CASING PROGRAM: Not applicable.

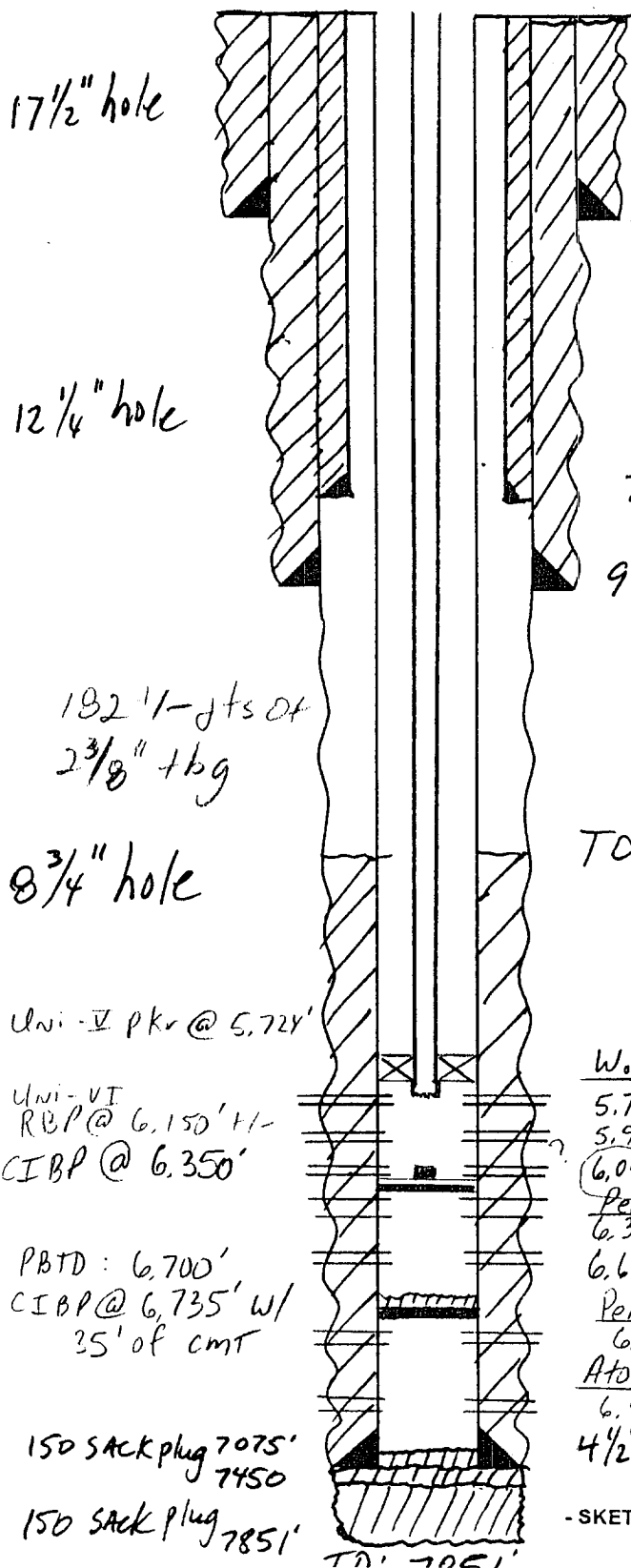
CEMENTING PROGRAM: Not applicable.

BOPE PROGRAM: 3000 # BOPE.

No H2s is anticipated.

WELLNAME: Caleb "AVE" State #1 FIELD: Wildcat  
 LOCATION: 660' FSL & 1980' FEL, Sec 10, T12S, R 27E CHAVES Co, NM  
 GL: 3,672' ZERO: \_\_\_\_\_ AGL: \_\_\_\_\_ KB: 3,680'  
 SPUD DATE: 5/6/48 COMPLETION DATE: \_\_\_\_\_  
 COMMENTS: D & A 8/23/48

CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
13 3/8", 61.0 #/ft, ST&C	257'
9 5/8", 32.30 #/ft, ST&C	2,024'
7", 23.0 #/ft, J-55, PS	1,699'
4 1/2", 10.50 #/ft, J-55, LK	7,001'



13 3/8" set @ 257' CMTD w/ 250 SACKS  
Circ to surface

7" @ 1,699' CMTD w/ 250 SACK, Circ to surface

9 5/8" set @ 2,024' CMTD w/ 2500 SKS  
Circ to surface

TOC: 4,140' CBL

before

Wolfcamp

5.766' - 5.792' w/ 2j spt (WLFC "A") Unforgiven Zone

5.912' - 5.928' 2j spt (WLFC "B")

(6.041') - 6.124' 4 intervals lime (Spear 3 Zone)

Penn  
6.392' - 6.398' w/ 2j spt (lime)

6.672' - 6.678' w/ 2j spt (lime)

Penn

6.749' - 6.755', 36 holes, shot on 8/2/00

Atoka

6.813' - 6.844' in 4 intervals, 130 holes, shot on 8/2/00

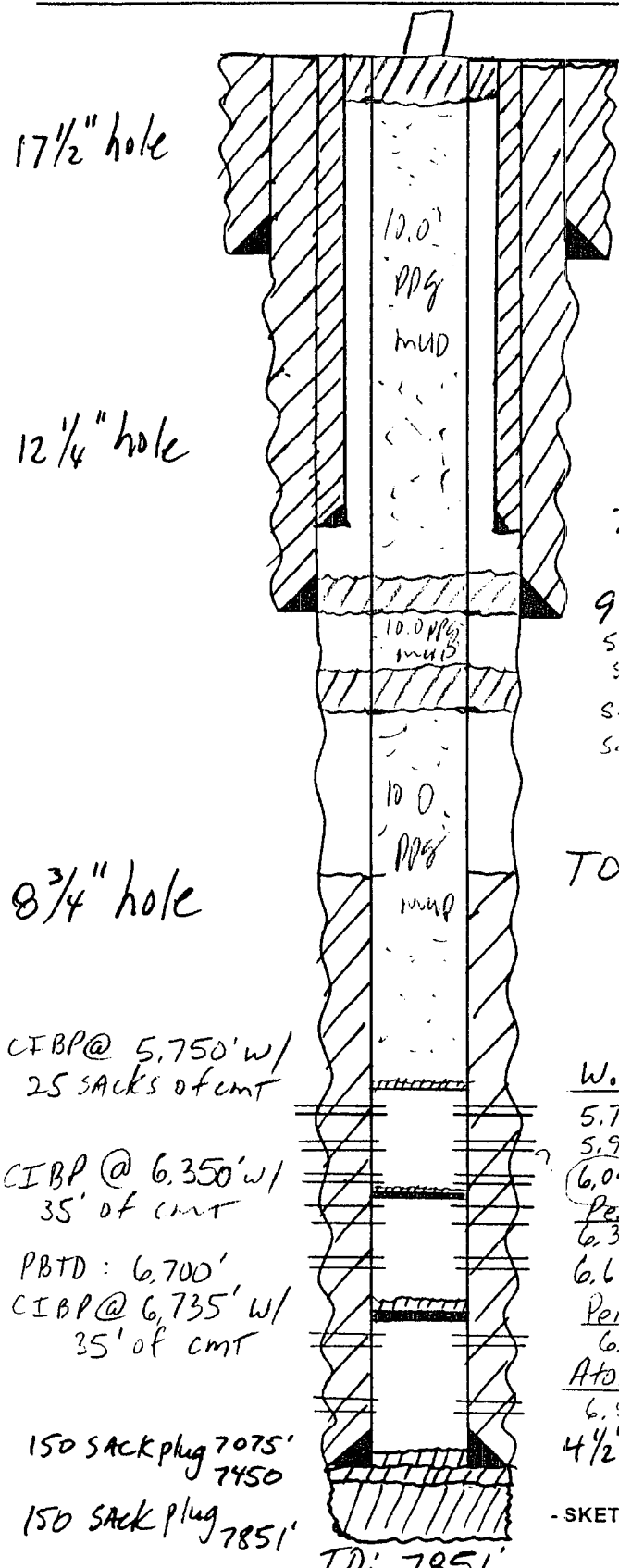
4 1/2" set @ 7,001' CMTD w/ 1000 SACKS

DATE: 3/8/00 JHP

# Jumper BSA State Cont #1 Pages

WELLNAME: Cateb "AVE" State #1 FIELD: Wildcat  
 LOCATION: 660' FSL + 1980' FEL, Sec 10, T12S, R 27E CHAVES Co, NM  
 GL: 3,672' ZERO: \_\_\_\_\_ AGL: \_\_\_\_\_ KB: 3,680'  
 SPUD DATE: 5/6/48 COMPLETION DATE: \_\_\_\_\_  
 COMMENTS: D & A 8/23/48

CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
13 3/8", 61.0 #/ft, ST&C	257'
9 5/8", 32.30 #/ft ST&C	2,024'
7", 23.0 #/ft J-55, FS	1,699'
4 1/2", 10.50 #/ft, J-55, LK	2,001'



sgze holes  
 @ 100', sgze  
 50 SACKS OF  
 CMT

13 3/8" set @ 257' CMTD w/ 250 SACKS  
 Circ to surface

7" @ 1,699' CMTD w/ 250 SACK, Circ to  
 surface

9 5/8" set @ 2,024' CMTD w/ 2500 SKS  
 sgze holes @ 2,025' Circ to surface  
 sgze 50 SACKS OF CMT  
 sgze hole @ 2,550'  
 sgze 50 SACKS OF CMT

TOC: 4,140' CBL

After

CFBP @ 5,750' w/  
 25 SACKS OF CMT

CIBP @ 6,350' w/  
 35' OF CMT

PBTD: 6,700'

CIBP @ 6,735' w/  
 35' OF CMT

150 SACK plug 7075'  
 7450

150 SACK plug 7851'

TD: 7851'

## Wolfcamp

5.766' - 5.792' w/ 2jspt (WLFC "A") Unforgiven ZONE  
 5.912' - 5.928' 2jspt (WLFC "B")  
 (6.041') - 6.124' 4 intervals lime (Spear 3 ZONE)

Penn  
 6.392' - 6.398' w/ 2jspt (lime)  
 6.672' - 6.678' w/ 2jspt (lime)

Penn  
 6.749' - 6.755', 36 holes, shot on 8/2/00

Atoka  
 6.813' - 6.844' in 4 intervals, 130 holes, shot on 8/2/00  
 4 1/2" set @ 7,001' CMTD w/ 1000 SACKS

- SKETCH NOT TO SCALE -

DATE: 3/8/00 JHP