

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR

DEEPEN, PLUGBACK, OR ADD A ZONE

<b>Yates Petroleum Corporation</b> <b>105 South 4<sup>th</sup> Street</b> <b>Artesia, NM 88210</b>		<sup>2</sup> OGRID Number 025575	
		<sup>3</sup> API Number 30 - 015 - 34113	
<sup>5</sup> Property Code	<sup>6</sup> Property Name Example BEW Corn.		<sup>7</sup> Well No. 14
<sup>9</sup> Proposed Pool 1 Wolfcamp		<sup>10</sup> Proposed Pool 2	

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	23	17S	23E		660	South	990	East	Eddy

<sup>8</sup> 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
B	23	17S	23E		660	North	1980	East	Eddy

Additional Well Information

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3938'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 4700' TVD 8375' MD	<sup>18</sup> Formation Wolfcamp	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date ASAP
Depth to Groundwater 277'		Distance from nearest fresh water well .8 mile		Distance from nearest surface water 1700'
Pit Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 20K bbls Drilling Method:				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

<sup>21</sup> 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"	48#	350'	450sx	Surface
12 1/4"	9 5/8"	36#	1300'	600sx	Surface
8 3/4"	Pilot Hole		4700' TVD		
8 3/4"	7"	23# & 26#	4575' MD	675sx	TOC-800'
6 1/4"	4.5" Liner	11.6#	8375 MD	600sx	TOC-3875'

<sup>22</sup> 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 Wolfcamp and Intermediate formations. Approximately 350' of surface casing will be set and cement circulated to shut off grave and cavings. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production. Sources at YPC have relayed information to me that they believe there will not be enough H2S found from the surface to the Wolfcamp formation to meet the OCD's minimum requirements from the submission of contingency plan per Rule 118. The State Engineers Web Site has been accessed for the captioned well. Information obtained from this web site determines the Site Ranking for this well is 0 points. With this ranking deep trench, burial, and capping will take place at pit closure. Any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines with approved general permit.

**MUD PROGRAM:** 0-350' FW/Spud Mud; 350-1300' FW/Air mist; 1300-8375' Cut Brine.

**BOPE PROGRAM:** A 3000# BOPE will be installed on the 9 5/8" casing and tested daily.

<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 NMOCD guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

OIL CONSERVATION DIVISION

Approved by:

**TIM W. GUM**  
**DISTRICT II SUPERVISOR**

Printed name: Cy Cowan

Title:

Title: Regulatory Agent

Approval Date: MAY 09 2005

Expiration Date: MAY 09 2006

E-mail Address: cy@ypcnm.com

Date: May 5, 2005

Phone: (505) 748-4372

Conditions o

NOTIFY OCD OF SPUD & TIME TO  
WITNESS CEMENTING OF  
SURFACE & INTERMEDIATE  
CASING

First, Artesia, NM 88210

DISTRICT III

Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name Wolfcamp
Property Code	Property Name EXAMPLE "BEW" COM.	Well Number 1-H
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3938

## Surface Location

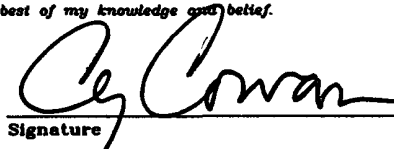
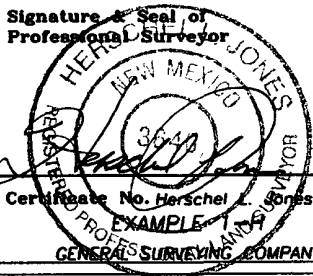
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	23	17S	23E		660	SOUTH	990	EAST	EDDY

## 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
B	23	17S	23E		660	NORTH	1980	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
640			

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

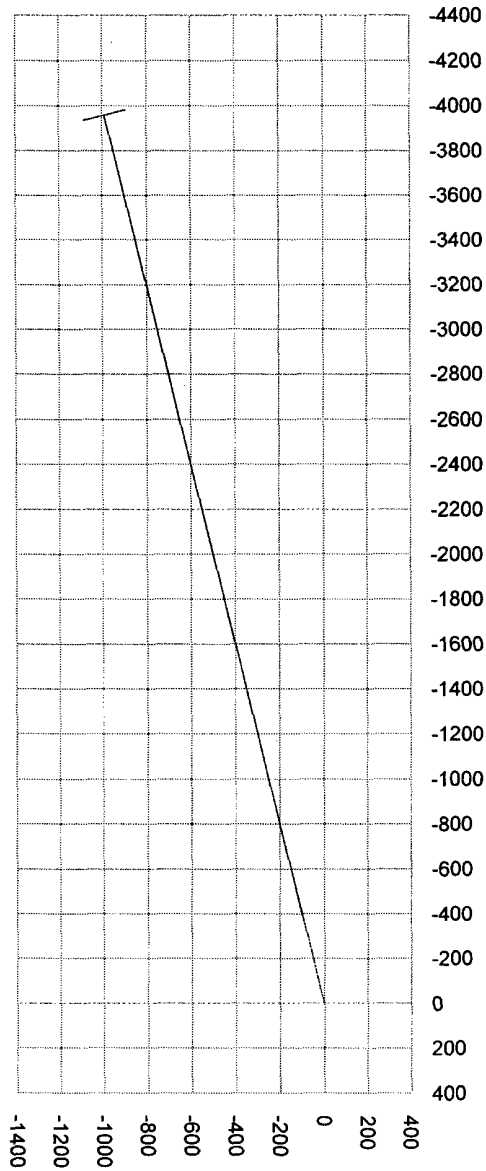
NM-18243	NM-0554756	1980'	<b>OPERATOR CERTIFICATION</b> I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Cy Cowan Printed Name Regulatory Agent Title Date May 3, 2005
7EE	FEE	BOTTOM HOLE	
NM-108935	NM-108935	990'	<b>SURVEYOR 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. 4/07/2005 Date Surveyed Signature & Seal of Professional Surveyor  Certificate No. Herschel L. Jones RLS 3640 EXAMPLE GENERAL SURVEYING COMPANY
		N.32°48'54.9 W.104°39'26.8" N.660411.8 E.400584.1 (NAD-27)	

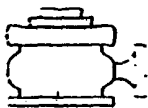
0 330' 660' 990' 1650' 1980' 2310' 2310' 1980' 1650' 990' 660' 330' 0'

	M.D. [ft]	Inclination [°]	Azimuth [°]	T.V.D. [ft]	N+/S- [ft]	E+/W- [ft]	D.L.S. [°/100ft]	ToolFace [°]	T.F. Ref. [HS/GN]
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	4075.00	0.00	0.00	4075.00	0.00	0.00	15.00	346	GN
3	4265.09	28.51	345.96	4257.34	44.95	-11.24	15.00	0	HS
4	4593.18	77.73	345.96	4448.24	291.79	-72.95	15.00	0	HS
5	4669.53	89.18	345.96	4456.93	365.26	-91.32	15.00	0	HS
6	8375.28	89.18	345.96	4510.00	3960.00	-990.00	0.00		

# 3D<sup>3</sup> Planner - Top View

Company: Technical Toolboxes Inc.  
Example BEW Com. #1-H

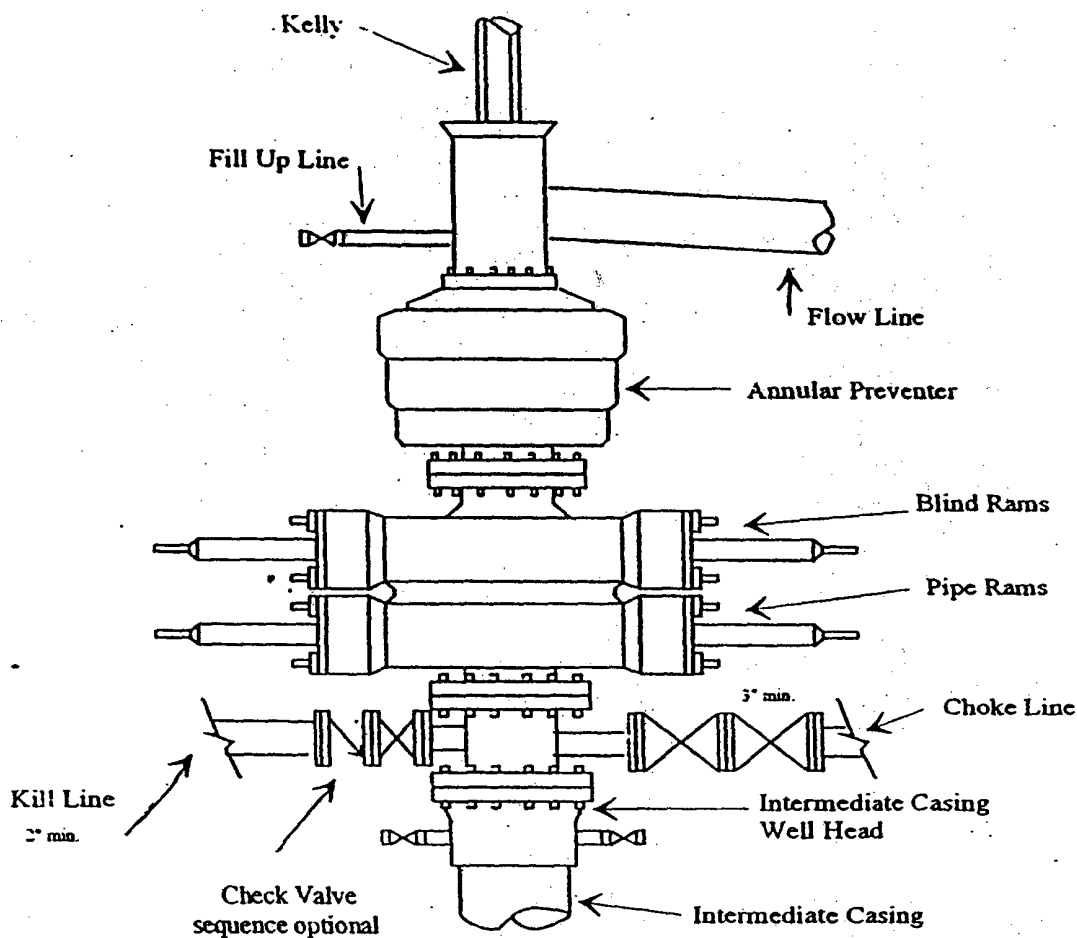




# Yates Petroleum Corporation

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

