

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



WF
Form C-101
June 16, 2008

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

Submit to appropriate District Office

☐ AMENDED REPORT

JAN 21 2009

OCD-ARTESIA

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, NM 88210		² OGRID Number 025575
³ Property Code 37567	⁵ Property Name Bonbon BNN State Com.	⁴ API Number 30 - 015-36913
⁹ Proposed Pool 1 Wildcat Bone Springs 96403		¹⁰ Proposed Pool 2

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
M	27	25S	28E		660	South	330	West	Eddy

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
P	27	25S	28E		660	South	330	East	Eddy

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 2946'
¹⁶ Multiple No	¹⁷ Proposed Depth TVD 8700' & MD 12915'	¹⁸ Formation Bone Springs	¹⁹ Contractor Undetermined	²⁰ 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#	400'	275	Surface
11"	8 5/8"	32#	2550'	700	Surface
7 7/8"	5 1/2"	17#	12915' MD	2225	TOC-2050'

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 proposed to drill and test the Bone Springs/Intermeditate formations. Approximately 400' of surface casing will be set and cement circulated to surface. Intermediate casing will be set at 2550' and cement circulated to surface. If the well is determined that it maybe commercial, production casing will be ran to TD with DV Tool at 6300' and cemented in two stages with top of cement back to approximately 2050', perforated and stimulated as needed to gain production.

MUD PROGRAM. 0 to 400' w/Fresh Water ; 400' to 2550' w/Brine Water, 2550' to 8700' w/Cut Brine; 8023' to 12915 w/Cut Brine (Horizontal Section).

BOP PROGRAM: It is requested that a variance be given to test the BOP on the surface casing to 1000 psi using ng pumps. A 3000 psi BOP will be nipped up on the 8 5/8" casing.

H2S IS NOT ANTICIPATED

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

Signature

Printed name

Cy Cowan

Title

Regulatory Agent

E-mail Address:

Date

January 9, 2009

Phone

575-748-4372

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date

Conditions of Approval Attached ☐

Jim W. Green
District II Supervisor

1/22/09

1/22/11

1-22-09
ENTERED

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources DepartmentForm C-102
Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-36913	Pool Code 96403	Pool Name Wildcat Bone Springs
Property Code 37567	Property Name BONBON "BNN" STATE COM	Well Number 1H
OGRID No. 025575	Operator Name YATES PETROLEUM CORP.	Elevation 2946'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	25 S	28 E		660	SOUTH	330	WEST	EDDY

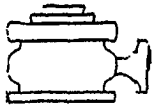
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	27	25 S	28 E		660	SOUTH	330	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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

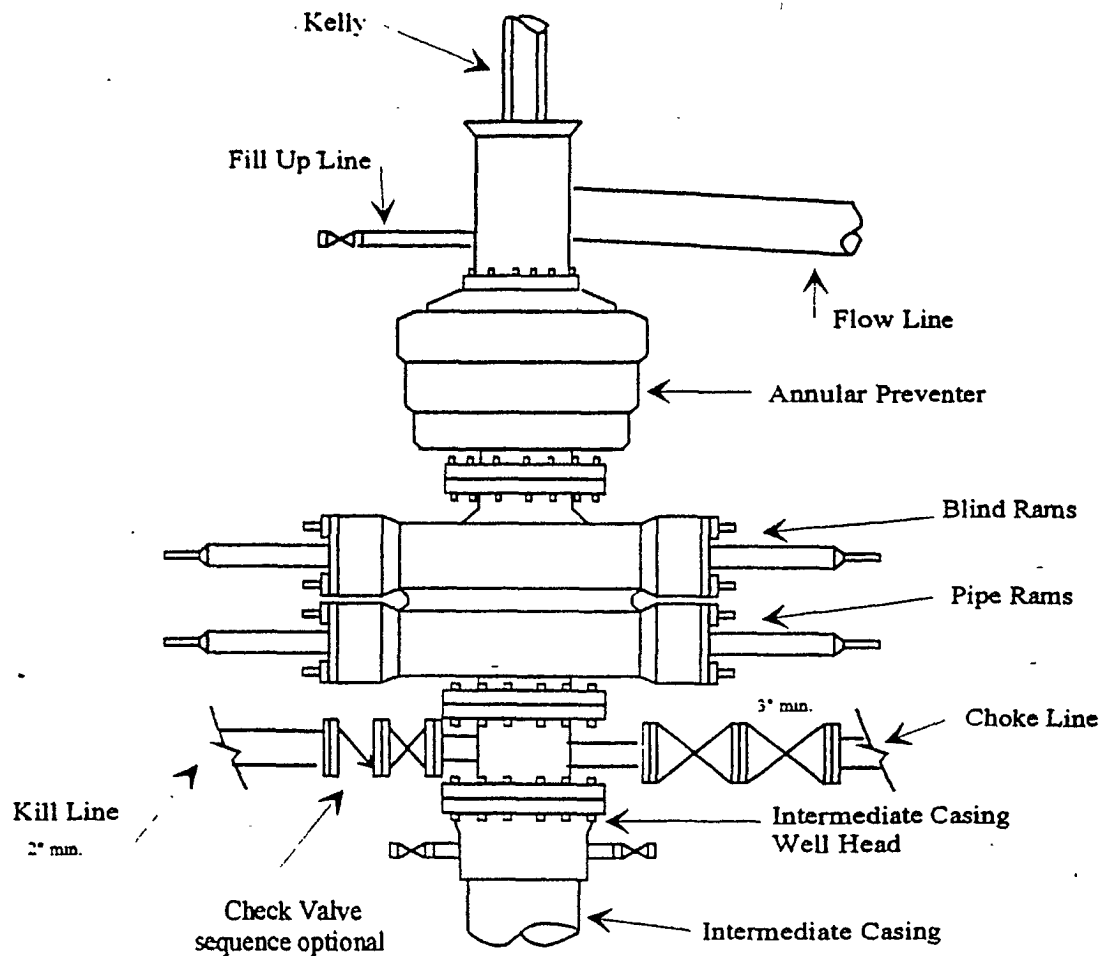
Penetration Point 660' FSL & 807' FWL SURFACE LOCATION Lat - N32°05'42.81" Long - W104°04'56.87" SPC- N.: 398470.369 E.: 619023.707 (NAD-83) BOTTOM HOLE LOCATION Lat - N32°05'43.09" Long - W104°04'02.58" SPC- N.: 398509.030 E.: 623693.357 (NAD-83) Project Area Producing Area		OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Cy Cowan</i> 1/9/09 Signature Date Cy Cowan Printed Name
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 belief. DECEMBER 29, 2008 Date Surveyed Signature of Surveyor Professional Surveyor 7977 Certificate No. Gary L. Jones 7977 BASIN SURVEYS		



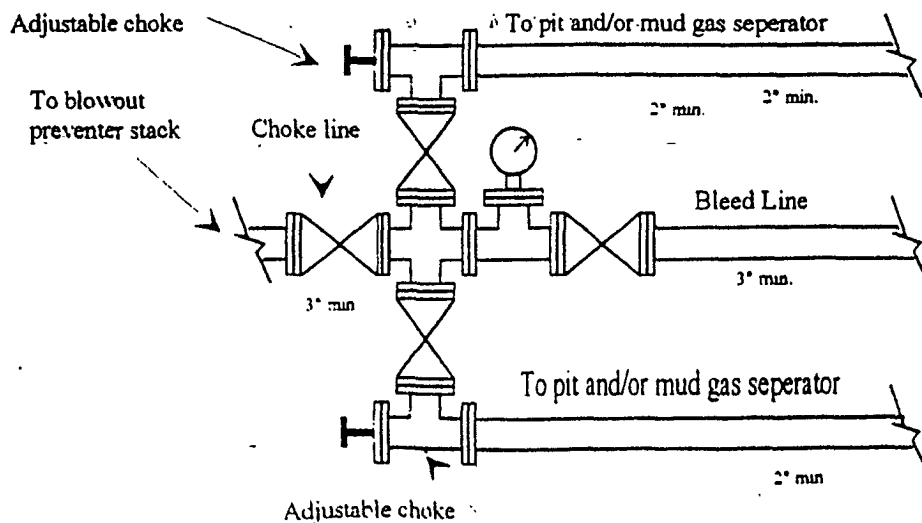
Yates Petroleum Corporation

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

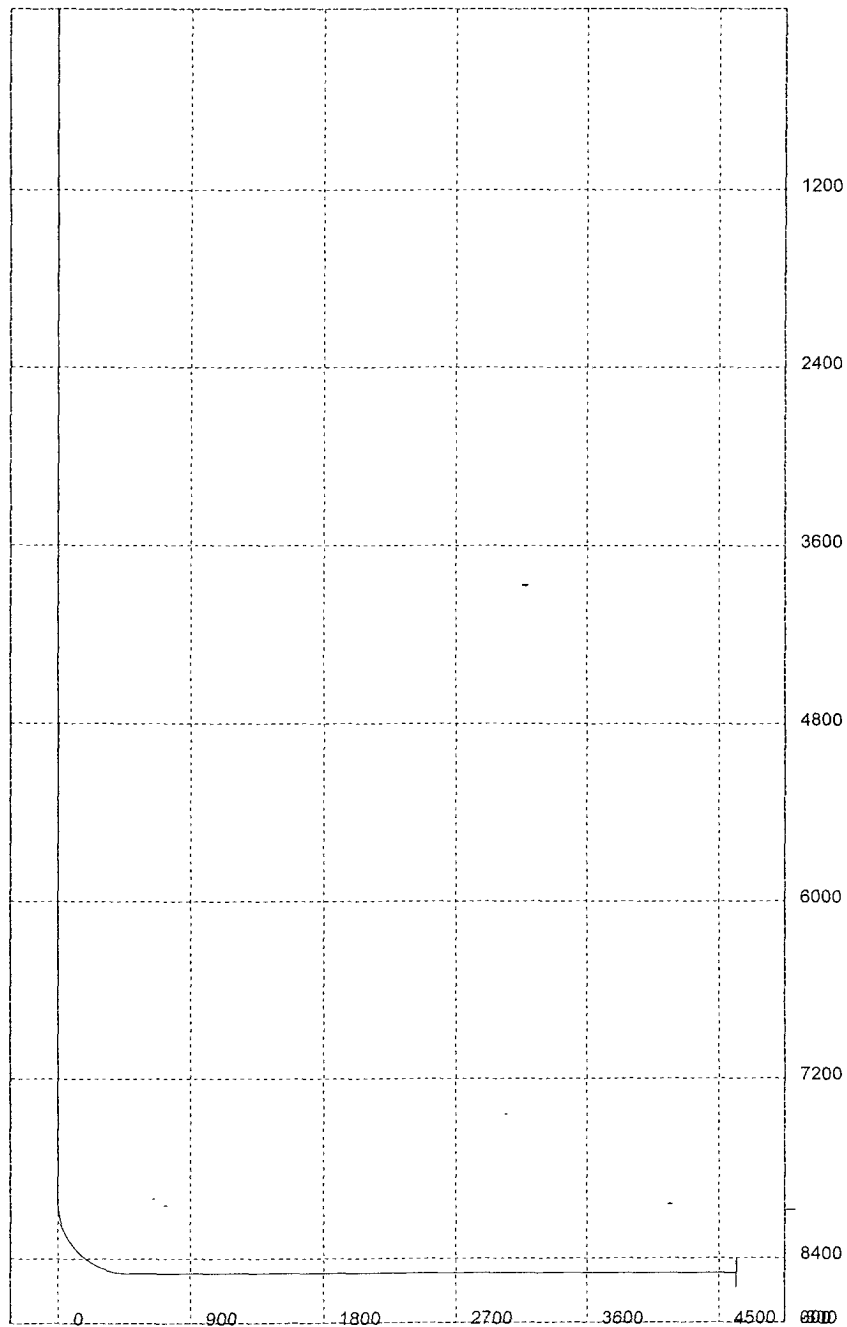


MD	Direction	Azimuth	TVD	N/S/E	FWL	D/S	Tool Face	Ref	HS/GN
0	0	0	0	0	0	0			
925	0	0	925	0	0	0			CASTILLE
2,480	0	0	2,480	0	0	0			DELAWARE
3,300	0	0	3,300	0	0	0			CHERRY CANYON
4,555	0	0	4,555	0	0	0			BRUSHY CANYON
6,080	0	0	6,080	0	0	0			BONE SPRINGS
7,150	0	0	7,150	0	0	0			FBSG
7,850	0	0	7,850	0	0	0			SBSG
8023	0	0	8023	0	0	12	90	GN	KOP
8025	0 24	90	8025	0	0	12	0	HS	
8050	3 24	90	8049.99	0	0 76	12	0	HS	
8075	6 24	90	8074.9	0	2 83	12	0	HS	
8100	9 24	90	8099.67	0	6 2	12	0	HS	
8125	12 24	90	8124.23	0	10 85	12	0	HS	
8150	15 24	90	8148.51	0	16 79	12	0	HS	
8175	18 24	90	8172.45	0	23 99	12	0	HS	
8200	21 24	90	8195.97	0	32 43	12	0	HS	
8225	24 24	90	8219.03	0	42.1	12	0	HS	
8250	27 24	90	8241.54	0	52.95	12	0	HS	
8275	30 24	90	8263.46	0	64.97	12	0	HS	
8300	33 24	90	8284.72	0	78.12	12	0	HS	
8325	36 24	90	8305.26	0	92.37	12	0	HS	
8350	39 24	90	8325.03	0	107.67	12	0	HS	
8375	42 24	90	8343.97	0	123.98	12	0	HS	
8400	45 24	90	8362.03	0	141.26	12	0	HS	
8425	48 24	90	8379.16	0	159.47	12	0	HS	
8450	51 24	90	8395.32	0	178.54	12	0	HS	
8475	54 24	90	8410.45	0	198.44	12	0	HS	
8500	57 24	90	8424.52	0	219.1	12	0	HS	
8525	60 24	90	8437.49	0	240.47	12	0	HS	
8550	63 24	90	8449.33	0	262.48	12	0	HS	
8575	66 24	90	8460	0	285.09	12	0	HS	
8600	69 24	90	8469.47	0	308.23	12	0	HS	
8625	72 24	90	8477.71	0	331.82	12	0	HS	
8650	75 24	90	8484.71	0	355.82	12	0	HS	
8675	78 24	90	8490.44	0	380.15	12	0	HS	
8700	81 24	90	8494.9	0	404.75	12	0	HS	
8725	84 24	90	8498.06	0	429.55	12	0	HS	
8750	87 24	90	8499.91	0	454.47	12	0	HS	
8773.06	90.01	90	8500.47	0	477.52	12	0	HS	SBSG PAY
12915.54	90.01	90	8500	0	4620	0			LATERAL TD

Pilot hole drilled vertically to 8700' Well will then be plugged back then kicked off at approx. 8023' and directionally drilled at 12 degrees per 100' with an 7 7/8" hole to 12,915' MD (8,500' TVD) where 5 1/2" casing will be set and cemented. Penetration point of producing zone will be encountered at 660' FSL and 807' FWL, 27-25S-28E Deepest TVD in the well is 8700' in the pilot hole. Deepest TVD in the lateral is 8500'.

3D Directional Drilling Planner - 3D View

Company: Yates Petroleum Corporation
Well: Bonbon BNN State Com. #1H



3D Directional Drilling Planner - 3D View

Company: Yates Petroleum Corporation
Well: Bonbon BNN State Com. #1H

