

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
June 16, 2008

Oil Conservation Division

Submit to appropriate District Office

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

JUN 24 2008

☐ AMENDED REPORT

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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 37208						⁵ Property Name Link BKT Com.				³ API Number 30 - 015 - 36397	
⁹ Proposed Pool 1 Wolfcamp						¹⁰ Proposed Pool 2				⁶ Well No. 3H	
Surface Location											
UL or lot no I	Section 15	Township 16S	Range 25E	Lot Idn	Feet from the 1880	North/South line South	Feet from the 300	East/West line East	County Eddy		
⁸ Proposed Bottom Hole Location If Different From Surface											
UL or lot no L	Section 15	Township 16S	Range 25E	Lot Idn	Feet from the 1880	North/South line South	Feet from the 660	East/West line West	County Eddy		
Additional Well Information											
¹¹ Work Type Code N		¹² Well Type Code G		¹³ Cable/Rotary Rotary		¹⁴ Lease Type Code Fee & Federal		¹⁵ Ground Level Elevation 3472'			
¹⁶ Multiple No		¹⁷ Proposed Depth TVD 4542' & MD 9125'		¹⁸ Formation Wolfcamp		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
12 1/4"	8 5/8"	24#	1000'	500	Surface
7 7/8"	5 1/2"	17#	9125' MD	1375	Surface

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 Wolfcamp/Intermeditate formations. Approximately 1000' of surface casing will be set and cement circulated to surface. If the well is determined that it maybe commercial, production casing will be ran to TD and cemented back to approximately surface, perforated and stimulated as needed to gain production

MUD PROGRAM: 0 to 1000' w/Fresh Water Gel; 1000' to 4450' w/Cut Brine; 4450' to 4542' w/Cut Brine; 4542' to 9125' w/Cut Brine. (Horizontal Section).

BOP PROGRAM: A 3000 psi BOP will be nipped up on the 8 5/8" casing.

H2S IS NOT ANTICIPATED

NOTE: NEW PIT RULE
19-15-17 NMAC PART 17
A form C-144 must be approved
before starting drilling operations.



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Clifton R. May</i>		Approved by: <i>Jim W. Brown</i>	
Printed name: Clifton R. May		Title: District II Supervisor	
Title: Regulatory Agent		Approval Date: 6/26/08	
E-mail Address:		Expiration Date: 6/26/10	
Date: June 23, 2008	Phone: 575-748-4347	Conditions of Approval Attached ☐	

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

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

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

□ AMENDED REPORT

API Number 30-D15-36397	Pool Code 75250	Pool Name Bottomwood Creek Wolfcamp
Property Code 32208	Property Name LINK "BKT" FEDERAL COM.	Well Number 3H
OGRID No. 025575	Operator Name YATES PETROLEUM CORP.	Elevation 3472

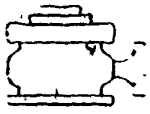
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	15	16 S	25 E		1880	SOUTH	300	EAST	EDDY

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	16 S	25 E		1880	SOUTH	660	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320 S2			

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

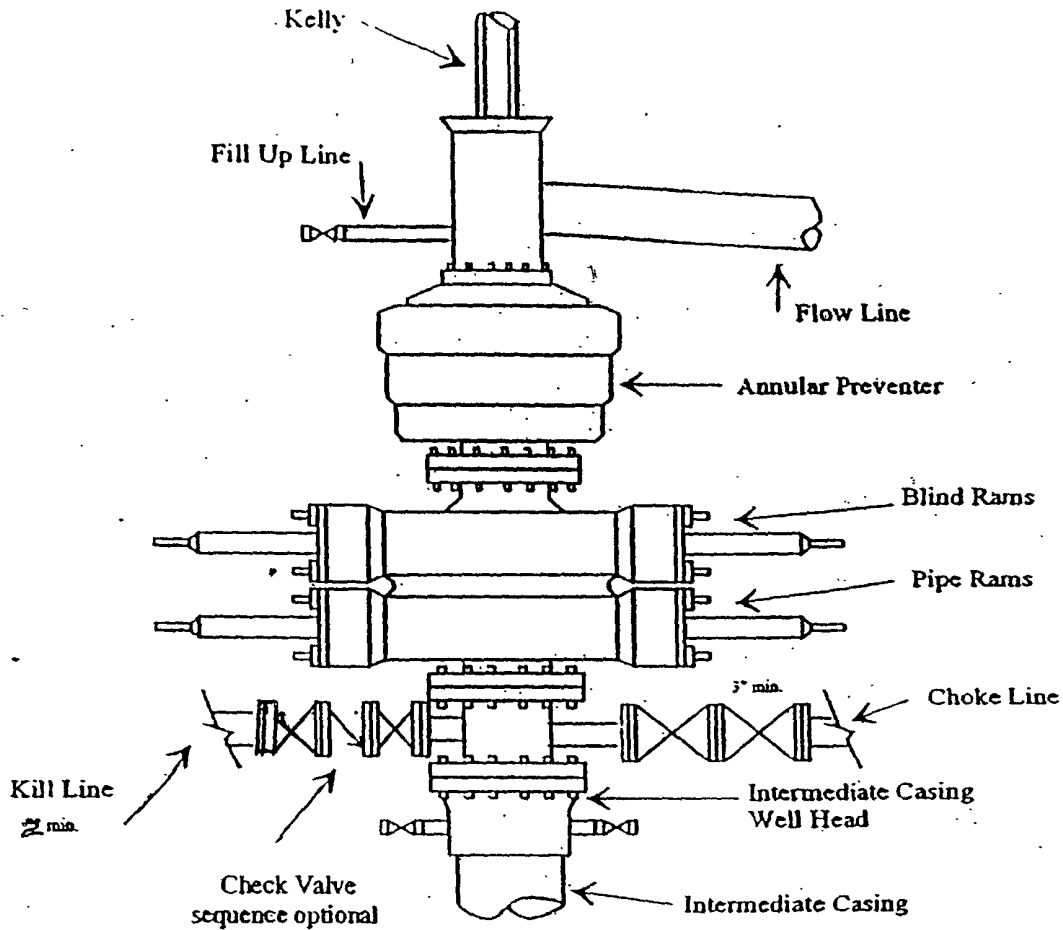
BOTTOM HOLE LOCATION Lat - N32°55'15.22" Long - W104°28'46.44" SPC- N.: 698787.508 E.: 496466.019 (NAD-83) SURFACE LOCATION Lat - N32°55'14.46" Long - W104°27'54.92" SPC- N.: 698704.334 E.: 500857.276 (NAD-83) PROJECT AREA PRODUCING AREA NM 10266 NM 10266 NM 10266 FEE 660' 4392.0' 300' 3468.8' 3468.8' NM 11440 FEE FEE FEE 1880' 1880' PENETRATION POINT 1890'S & 641'E				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> 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. FEBRUARY 27, 2008 Date Surveyed _____ Signature of Surveyor _____ Professional Surveyor No. _____ 7977 Certificate No. Gory L. Jones 7977 BASIN SURVEYS					



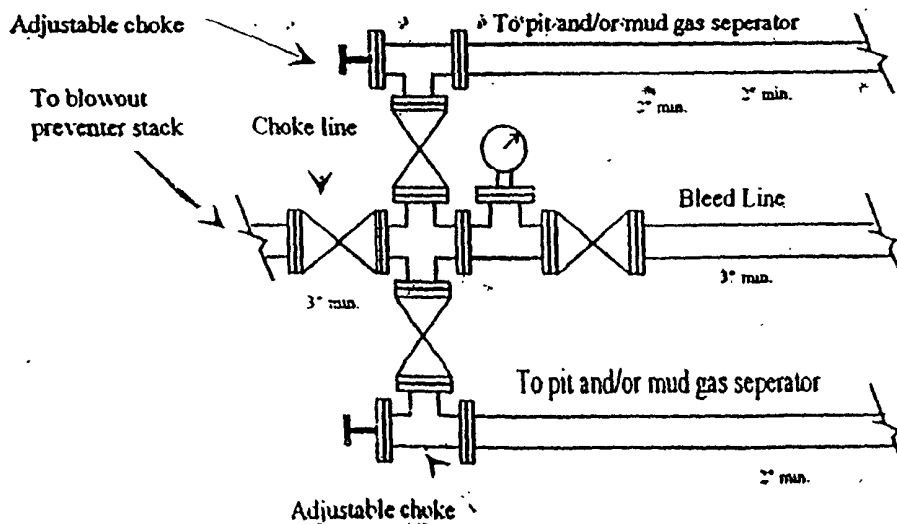
Yates Petroleum Corporation

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

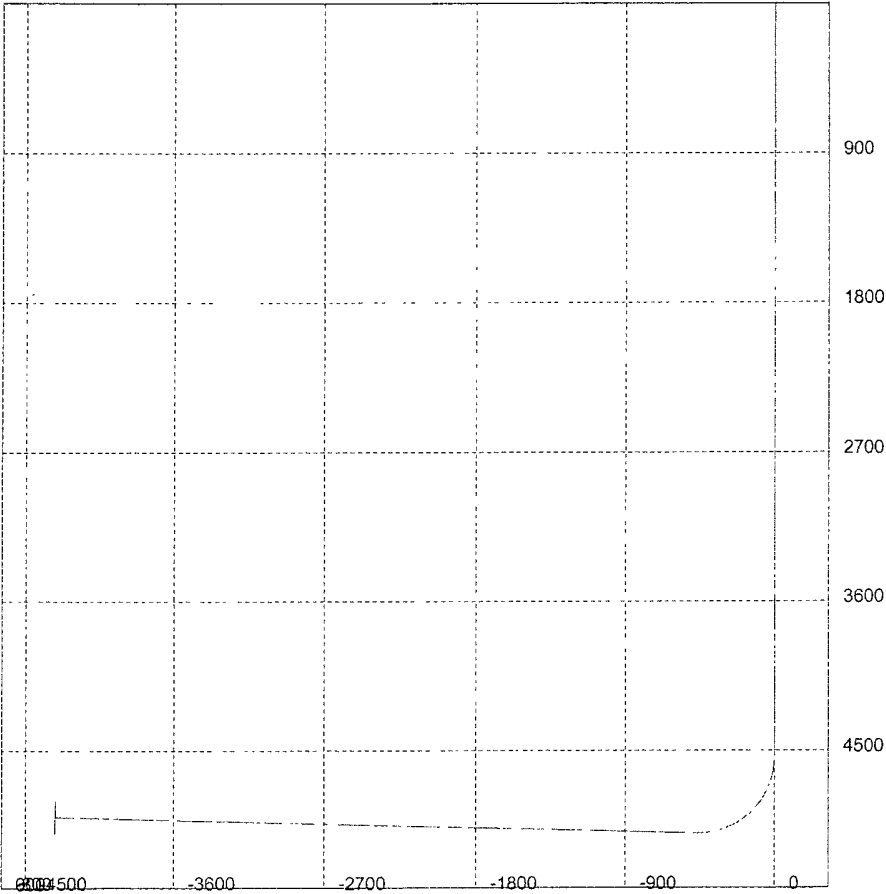


M.D.	Inclination	Azimuth	TVD	N/S	E/W	D/L S	Tool Face	TF Ref (HS/GN)	
0	0	0	0	0	0	0			
645	0	0	645	0	0	0			SAN ANDRES
1985	0	0	1985	0	0	0			GLORIETA
3250	0	0	3250	0	0	0			TUBB
3960	0	0	3960	0	0	0			ABO
4542	0	0	4542	0	0	12.5	270	GN	KOP
4550	1	270	4550	0	-0.07	12.5	0	HS	
4575	4.12	270	4574.97	0	-1.19	12.5	0	HS	
4600	7.25	270	4599.85	0	-3.66	12.5	0	HS	
4625	10.37	270	4624.55	0	-7.49	12.5	0	HS	
4650	13.5	270	4649	0	-12.66	12.5	0	HS	
4675	16.62	270	4673.14	0	-19.16	12.5	0	HS	
4700	19.75	270	4696.89	0	-26.96	12.5	0	HS	
4725	22.87	270	4720.18	0	-36.05	12.5	0	HS	
4750	26	270	4742.93	0	-46.39	12.5	0	HS	
4775	29.12	270	4765.09	0	-57.96	12.5	0	HS	
4800	32.25	270	4786.59	0	-70.71	12.5	0	HS	
4825	35.38	270	4807.36	0	-84.62	12.5	0	HS	
4850	38.5	270	4827.34	0	-99.65	12.5	0	HS	
4875	41.63	270	4846.47	0	-115.73	12.5	0	HS	
4900	44.75	270	4864.7	0	-132.84	12.5	0	HS	
4925	47.88	270	4881.96	0	-150.92	12.5	0	HS	
4950	51	270	4898.22	0	-169.91	12.5	0	HS	
4975	54.12	270	4913.41	0	-189.75	12.5	0	HS	
5000	57.25	270	4927.5	0	-210.4	12.5	0	HS	
5025	60.37	270	4940.45	0	-231.79	12.5	0	HS	
5050	63.5	270	4952.21	0	-253.84	12.5	0	HS	
5075	66.62	270	4962.75	0	-276.51	12.5	0	HS	
5100	69.75	270	4972.04	0	-299.72	12.5	0	HS	
5125	72.87	270	4980.04	0	-323.4	12.5	0	HS	
5150	76	270	4986.75	0	-347.48	12.5	0	HS	
5164	77.75	270	4990	0	-361.11	12.5	0	HS	WOLFCAMP
5175	79.12	270	4992.13	0	-371.89	12.5	0	HS	
5200	82.25	270	4996.18	0	-396.55	12.5	0	HS	
5225	85.37	270	4998.87	0	-421.41	12.5	0	HS	
5250	88.5	270	5000.21	0	-446.37	12.5	0	HS	
5273.93	91.49	270	5000.21	0	-470.29	0			
9124.94	91.49	270	4900	0	-4320	0			LATERAL TD

Well will be drilled vertically to 4542'. At 4542' the well will be directionally drilled at 12.5 degrees per 100' with a 7 7/8" hole until horizontal. The lateral will then be drilled to a TVD of 4900' with a MD of 9125' where 5 1/2" casing will be set and cemented.

3D³ Directional Drilling Planner - 3D View

Company: Yates Petroleum Corporation
Well: Link BKT Federal Com. #3H



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Company: Yates Petroleum Corporation
Well: Link BKT Federal Com. #3H

