

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

State of New Mexico
Energy, Minerals and Natural Resources

Form C-101
Permit 66400

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

JAN - 7 2008
OCD-ARTESIA

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address YATES PETROLEUM CORPORATION 105 S 4TH ST ARTESIA, NM 88210		2. OGRID Number 25575
		3. API Number 30-015-36027
4. Property Code 36946	5. Property Name BIG MIGUEL BKN STATE COM	6. Well No. 0011-1-H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	2	16S	29E	P	785	S	150	W	EDDY

8. Pool Information

Wildcat Wolfcamp	0
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3721
14. Multiple N	15. Proposed Depth 11980	16. Formation Wolfcamp	17. Contractor	18. Spud Date 12/20/2007
Depth to Ground water 110		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic ☒ 12 mils thick Clay ☐ Pit Volume: 28000 bbls Drilling Method: Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	400	275	0
Int1	11	8.625	24	2600	750	0
Prod	7.875	5.5	17	11980	1650	2100
Int2	7.875	0	0	7600	0	0

Casing/Cement Program: Additional Comments

Please note 7 7/8" hole to 7600' is Open Hole. Yates Petroleum Corporation proposes to drill and test the Wolfcamp/intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off cavings. If commercial, intermediate and production casing will be run and cemented, will perforate and stimulate as needed for production.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

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 ☐

Printed Name: Electronically filed by Shirley Pruitt

Title:

Email Address: shirleyp@ypcnm.com

OIL CONSERVATION DIVISION

Approved By: **BRYAN G. ARRANT**

Title: **DISTRICT II GEOLOGIST**

Approved Date: **JAN 09 2008**

Expiration Date: **JAN 09 2009**

Permit Comments

Operator: YATES PETROLEUM CORPORATION , 25575

Well: BIG MIGUEL BKN STATE COM #001H

API:

Created By	Comment	Comment Date
DCAFFALL	MUD PROGRAM: 0'-400' Fresh Water; 400'-2600' Brine Water, 2600'-7600' Cut Brine, 6940'-11980' (Lateral section) Cut Brine.	12/19/2007
DCAFFALL	Sources at Yates Petroleum Corporation have relayed information to me that they believe there will not be sufficient H2S found from the surface to the Wolfcamp formation to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.	12/19/2007
DCAFFALL	Pilot hole will be drilled to 7600'. Well will then be plugged back and kicked off at approximately 6940' at 15 degrees per 100' with an 7 7/8" hole to 11980' MD with a TVD of 7339' at TD.	12/19/2007
BArrant	APD submitted by hard copy. API# 30-015-36027	1/9/2008

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

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

Form C-102
Revised October 12, 2005
OCD-ARTESIA

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



☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-66400	Pool Code 96084	Pool Name Wildcat Wolfcamp
Property Code	Property Name BIG MIGUEL "BKN" STATE COM	Well Number 1H
OGRID No. 025575	Operator Name YATES PETROLEUM CORP.	Elevation 3721'

Surface Location

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
M	2	16 S	29 E		785	SOUTH	150	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
P	2	16 S	29 E		330	SOUTH	330	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

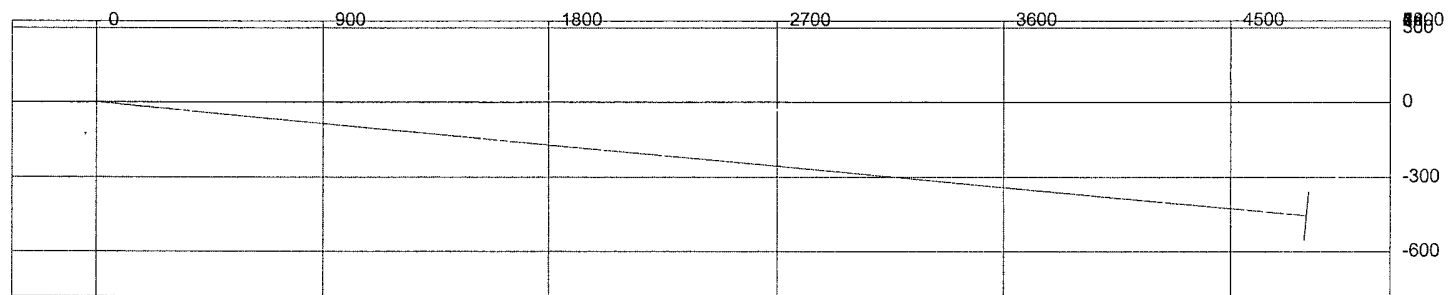
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SURFACE LOCATION Lat - N33°56'44.26" Long - W104°03'13.02" SPC- N.: 707867.936 E.: 627144.879 (NAD-83)		BOTTOM HOLE LOCATION Lat - N32°56'39.60" Long - W104°02'16.48" SPC- N.: 707410.969 E.: 631964.208 (NAD-83)		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 undivided 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 is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Cy Cowan</i> Signature Date Cy Cowan, Regulatory Agent
Project Area Producing Area W.C. Penetration Point 768'S/330'W		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 8, 2007 Date Surveyed Signature of Professional Surveyor Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS		

M.D.	Inclination	Azimuth	T.V.D.	N+S	E+W	D.L.S.	ToolFace	T.F. Ref (HS/GN)	
0	0	0	0	0	0	0			
1012	0	0	1012	0	0	0			YATES
1231	0	0	1231	0	0	0			SEVEN RIVERS
1742	0	0	1742	0	0	0			QUEEN
2160	0	0	2160	0	0	0			GRAYBURG
2526	0	0	2526	0	0	0			SAN ANDRES
4032	0	0	4032	0	0	0			GLORIETA
5304	0	0	5304	0	0	0			TUBB
6020	0	0	6020	0	0	0			ABO
6938	0	0	6938	0	0	15	95	GN	KOP
6950	1.8	95.41	6950	-0.02	0.19	15	0	HS	
6975	5.55	95.41	6974.94	-0.17	1.78	15	360	HS	
7000	9.3	95.41	6999.73	-0.47	5	15	0	HS	
7025	13.05	95.41	7024.25	-0.93	9.82	15	360	HS	
7050	16.8	95.41	7048.4	-1.54	16.23	15	360	HS	
7075	20.55	95.41	7072.08	-2.29	24.2	15	360	HS	
7100	24.3	95.41	7095.19	-3.19	33.69	15	0	HS	
7125	28.05	95.41	7117.62	-4.23	44.67	15	360	HS	
7150	31.8	95.41	7139.28	-5.41	57.08	15	0	HS	
7175	35.55	95.41	7160.08	-6.72	70.88	15	360	HS	
7200	39.3	95.41	7179.93	-8.15	86	15	360	HS	
7225	43.05	95.41	7198.75	-9.71	102.38	15	0	HS	
7250	46.8	95.41	7216.45	-11.37	119.96	15	360	HS	
7275	50.55	95.41	7232.95	-13.14	138.64	15	0	HS	
7300	54.3	95.41	7248.19	-15.01	158.37	15	360	HS	
7325	58.05	95.41	7262.11	-16.97	179.04	15	360	HS	
7327	58.35	95.41	7263.16	-17.13	180.73	15	360	HS	Wolfcamp
7350	61.8	95.41	7274.63	-19.01	200.57	15	360	HS	
7375	65.55	95.41	7285.72	-21.13	222.87	15	360	HS	
7400	69.3	95.41	7295.31	-23.3	245.85	15	0	HS	
7425	73.05	95.41	7303.38	-25.54	269.4	15	360	HS	
7450	76.8	95.41	7309.88	-27.82	293.43	15	360	HS	
7475	80.55	95.41	7314.79	-30.13	317.83	15	360	HS	
7500	84.3	95.41	7318.08	-32.47	342.5	15	360	HS	
7525	88.05	95.41	7319.75	-34.82	367.33	15	0	HS	
7536.37	89.75	95.41	7319.97	-35.89	378.64	15	0	HS	
11977.58	89.75	95.41	7339	-455	4800	0			Lateral TD

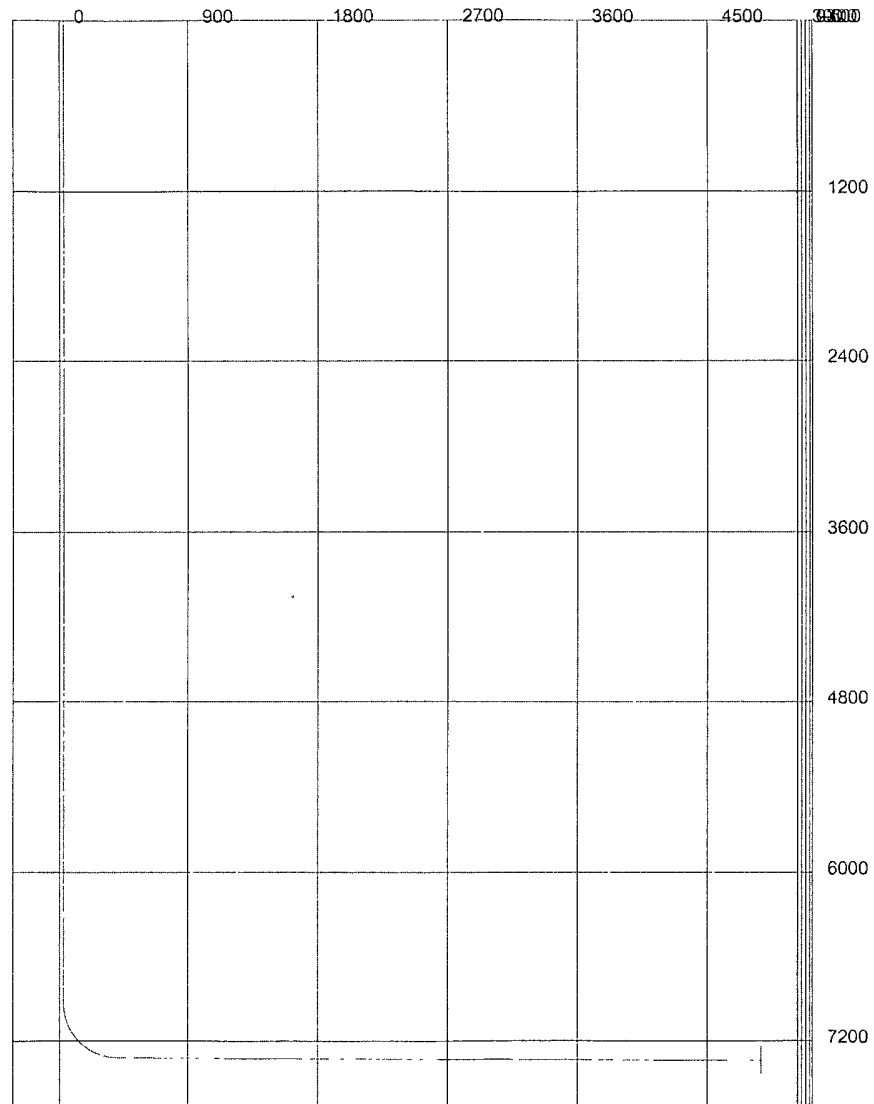
3D^s Directional Drilling Planner - 3D View

Company: **Yates Petroleum Corporation**
Well: **Big Miguel BKN State Com. #1H**



3D³ Directional Drilling Planner - 3D View

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Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
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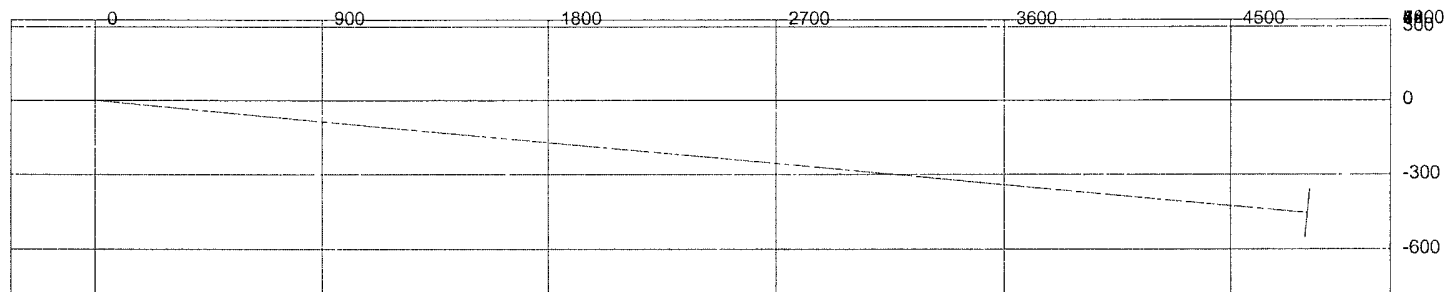
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