

1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
1501 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Revised October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name Wildcat Morrow
Property Code	Property Name PERDOMO "BMP" STATE COM	Well Number 1H
OGRID No. 025575	Operator Name YATES PETROLEUM CORP.	Elevation 3149'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	24	24 S	27 E		1650	SOUTH	660	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
I	24	24 S	27 E		1650	SOUTH	330	EAST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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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

				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. Signature 1/6/10 Date Clifton May 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. JULY 27, 2008 Date Surveyed Signature of State Professional Surveyor W.C. Jones Certificate No. Gary L. Jones 7977 BASIN SURVEYS	

Contingency Casing Design

If hole conditions dictate, 7" casing will be set at 7,173' MD (6,900' TVD) A 6 1/8" hole will then be drilled to 10,985' MD (6,900' TVD) where 4 1/2" casing will be set and cemented with one stage up to dv tool. After completion procedures, the 4 1/2" casing will be cut and pulled at 6300'

2nd Intermediate

0 ft to 100 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
7 inches	26 #/ft	J-55	LT&C	3670	2750	4590	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
4,320 psi	4,980 psi	367,000 #		415,000 #		6,151	

100 ft to 5,800 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
7 inches	23 #/ft	J-55	LT&C	3130	2350	3910	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
3,270 psi	4,360 psi	313,000 #		366,000 #		6,25	

5,800 ft to 7,173 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
7 inches	26 #/ft	J-55	LT&C	3670	2750	4590	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
4,320 psi	4,980 psi	367,000 #		415,000 #		6,151	

Lead w/750sx Lite crete (YLD 2.66 Wt. 9.9) tail w/125sx PVL (YLD 1.41 Wt 13) TOC = Surface

Production

0 ft to 10,985 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
4.5 inches	11.6 #/ft	HCP-110	LT&C	3020	2270	3780	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
8,650 psi	10,690 psi	279,000 #		367,000 #		3,875	

DV tool placed at approx. 6300' and cemented with one stage up to dv tool. After completion procedures, the 4 1/2" casing will be cut and pulled at 6300'.

Cemented w/625sx PVL (YLD 1.41 Wt 13) TOC= 6300'

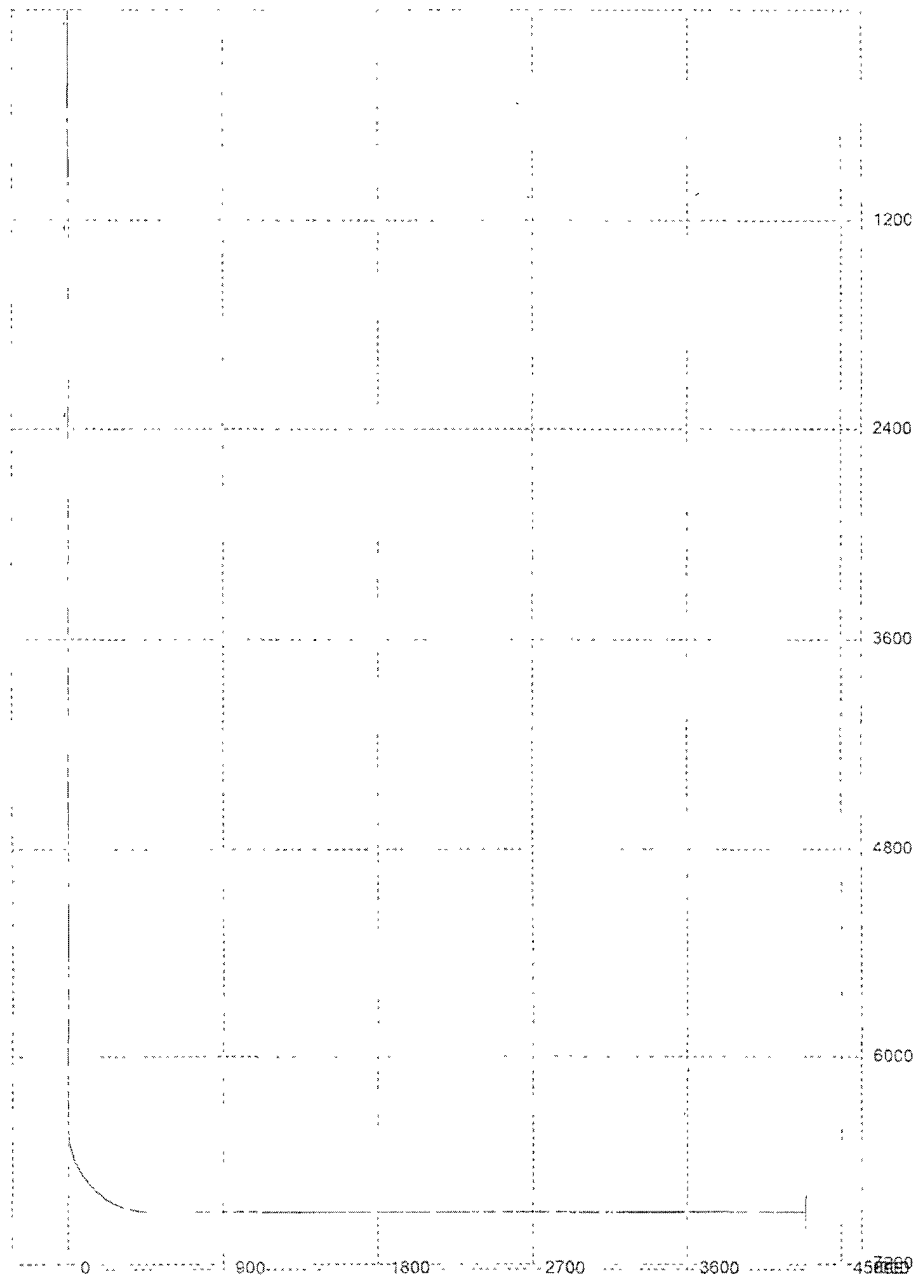
M.D.	Inclination	Azimuth	T.V.D.	N+/S-	E+/W-	D.L.S.	ToolFace	T.F. Ref [HS/GN]	
0	0	0	0	0	0	0			
760	0	0	760	0	0	0			RUSTLER
2,400	0	0	2,400	0	0	0			BELL CANYON
3,200	0	0	3,200	0	0	0			CHERRY CANYON
4,420	0	0	4,420	0	0	0			BRUSHY CANYON
5,900	0	0	5,900	0	0	0			BONE SPRINGS
6,120	0	0	6,120	0	0	0			AVALON SHALE
6423	0	0	6423	0	0	12	90	GN	KOP
6425	0 24	90	6425	0	0	12	0	HS	
6450	3.24	90	6449.99	0	0.76	12	0	HS	
6475	6.24	90	6474.9	0	2.83	12	0	HS	
6500	9.24	90	6499.67	0	6.2	12	0	HS	
6525	12.24	90	6524.23	0	10.85	12	0	HS	
6550	15.24	90	6548.51	0	16.79	12	0	HS	
6575	18.24	90	6572.45	0	23.99	12	0	HS	
6600	21.24	90	6595.97	0	32.43	12	0	HS	
6625	24.24	90	6619.03	0	42.1	12	0	HS	
6650	27.24	90	6641.54	0	52.95	12	0	HS	
6675	30.24	90	6663.46	0	64.97	12	0	HS	
6700	33.24	90	6684.72	0	78.12	12	0	HS	
6725	36.24	90	6705.26	0	92.37	12	0	HS	
6750	39.24	90	6725.03	0	107.67	12	0	HS	
6775	42.24	90	6743.97	0	123.98	12	0	HS	
6800	45.24	90	6762.03	0	141.26	12	0	HS	
6825	48.24	90	6779.16	0	159.47	12	0	HS	
6850	51.24	90	6795.32	0	178.54	12	0	HS	
6875	54.24	90	6810.45	0	198.44	12	0	HS	
6900	57.24	90	6824.52	0	219.1	12	0	HS	
6925	60.24	90	6837.49	0	240.47	12	0	HS	
6950	63.24	90	6849.33	0	262.48	12	0	HS	
6975	66.24	90	6860	0	285.09	12	0	HS	
7000	69.24	90	6869.46	0	308.22	12	0	HS	
7025	72.24	90	6877.71	0	331.82	12	0	HS	
7050	75.24	90	6884.71	0	355.82	12	0	HS	
7075	78.24	90	6890.44	0	380.15	12	0	HS	
7100	81.24	90	6894.9	0	404.75	12	0	HS	
7125	84.24	90	6898.06	0	429.55	12	0	HS	
7150	87.24	90	6899.91	0	454.47	12	0	HS	
7173.06	90.01	90	6900.47	0	477.52	0			FBSG TARGET
10985.54	90.01	90	6900	0	4290	0			LATERAL TD

Pilot hole drilled vertically to 8600' Well will be plugged back with 400'-500' kick off plug at approx 6423' and directionally drilled at 12 degrees per 100' with a 8 3/4" hole to 7173' MD (6,900' TVD). If hole conditions dictate, 7" casing will be set. A 6 1/8" hole will then be drilled to 10,985' MD (6,900' TVD) where 4 1/2" casing will be set and cemented. If 7" is not set, then hole size will be reduced to 7 7/8" and drilled to 10,985' MD (6,900' TVD) where 5 1/2" casing will be set and cemented. Penetration point of producing zone will be encountered at 1650' FSL and 1138' FWL, 24-24S-27E. Deepest TVD in the well is 8600' in the pilot hole. Deepest TVD in the lateral will be 6900'.

3D³ Directional Drilling Planner - 3D View

Company Yates Petroleum Corporation

Well: Perdomo BMP State Com. #1H



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