

DISTRICT I
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DISTRICT II
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Phone (505) 748-1283 Fax: (505) 748-0720

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Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-5460 Fax: (505) 476-5462

HOBBS OCD

OCT 15 2013

RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-41457	Pool Code 5535	Pool Name Berry <i>Wildcat, 3rd Bone Springs</i>
Property Code 40113	Property Name CRANBERRY BSU STATE COM	Well Number 3H
OGRID No. 25575	Operator Name YATES PETROLEUM CORP.	Elevation 3797'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	14	21 S	33 E		200	NORTH	1980	WEST	LEA

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
C	11	21 S	33 E		330	NORTH	1980	WEST	LEA

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

PROPOSED BOTTOM HOLE LOCATION Lat - N 32°29'58.81" Long - W 103°32'43.32" NMSPCE - N 546408.43 E 784266.96 (NAD-83)	N: 546726.2 E: 782284.8 1980' N: 546726.2 E: 784919.1 N: 546754.0 E: 787553.1
Production Zone: Project Area: Penetration Point: 330' NFNL & 660' FWI SURFACE LOCATION Lat - N 32°29'07.85" Long - W 103°32'43.29" N 541257.79 NMSPCE - E 784307.87 (NAD-83)	N: 544100.1 E: 782305.6 5150.7' 1980' 200' N: 541463.3 E: 784965.7 N: 541476.5 E: 787595.3 N: 538806.4 E: 782348.5 N: 538862.2 E: 787609.7 N: 536172.6 E: 782368.4 N: 536192.6 E: 785008.5 N: 536195.6 E: 787638.4
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 or has a right to drill this well at this 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: <u>Travis Hahn</u> Date: <u>10/10/13</u> Printed Name: <u>Travis Hahn</u> Email Address: <u>thahn@yatespetroleum.com</u>	
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. Date Surveyed: <u>7/27/13</u> Signature & Seal of Professional Surveyor: <u>[Signature]</u> W.O. No. 28620 Certificate No. Gary L. Jones 7977 BASIN SURVEYS 28620	

OCT 22 2013

Well Name: Cranberry BSU State Com #3H		Tgt N-S: 5150.64	
		Tgt E-W: -40.91	EOC TVD/MD: 11740.59 / 12023.42
Surface Location: Section 14 , Township 21S Range 33E		VS: 5150.80	
Bottom Hole Location: Section 11 , Township 21S Range 33E		VS Az: 359.54	EOL TVD/MD: 11641.00 / 16686.57

MD	Inc.	Azi.	TVD	+N/-S	+E/-W	VS	DLS	Comments
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1851.00	0.00	0.00	1851.00	0.00	0.00	0.00	0.00	RUSTLER
1986.00	0.00	0.00	1986.00	0.00	0.00	0.00	0.00	TOS
3436.00	0.00	0.00	3436.00	0.00	0.00	0.00	0.00	BOS-TOP TANSILL
3666.00	0.00	0.00	3666.00	0.00	0.00	0.00	0.00	YATES
3951.00	0.00	0.00	3951.00	0.00	0.00	0.00	0.00	CAPITAN
6076.00	0.00	0.00	6076.00	0.00	0.00	0.00	0.00	CHERRY CANYON (TOP DELAWARE)
7116.00	0.00	0.00	7116.00	0.00	0.00	0.00	0.00	BRUSHY CANYON
8786.00	0.00	0.00	8786.00	0.00	0.00	0.00	0.00	BONE SPRINGS LM
8991.00	0.00	0.00	8991.00	0.00	0.00	0.00	0.00	AVALON SAND
9321.00	0.00	0.00	9321.00	0.00	0.00	0.00	0.00	MIDDLE AVALON
9521.00	0.00	0.00	9521.00	0.00	0.00	0.00	0.00	LOWER AVALON
9961.00	0.00	0.00	9961.00	0.00	0.00	0.00	0.00	1ST BONE SPRINGS SAND
10636.00	0.00	0.00	10636.00	0.00	0.00	0.00	0.00	2ND BONE SPRINGS SAND
10976.00	0.00	0.00	10976.00	0.00	0.00	0.00	0.00	BASE 2ND BONE SPRINGS SAND
11171.00	0.00	0.00	11171.00	0.00	0.00	0.00	0.00	HARKEY SAND
11263.23	0.00	0.00	11263.23	0.00	0.00	0.00	0.00	KOP
11275.00	1.41	359.54	11275.00	0.15	0.00	0.15	12.00	
11300.00	4.41	359.54	11299.96	1.42	-0.01	1.42	12.00	
11325.00	7.41	359.54	11324.83	3.99	-0.03	3.99	12.00	
11350.00	10.41	359.54	11349.52	7.86	-0.06	7.86	12.00	
11375.00	13.41	359.54	11373.98	13.02	-0.10	13.02	12.00	
11400.00	16.41	359.54	11398.14	19.45	-0.15	19.46	12.00	
11425.00	19.41	359.54	11421.92	27.14	-0.22	27.14	12.00	
11450.00	22.41	359.54	11445.27	36.07	-0.29	36.07	12.00	
11475.00	25.41	359.54	11468.12	46.20	-0.37	46.20	12.00	
11500.00	28.41	359.54	11490.41	57.51	-0.46	57.51	12.00	
11525.00	31.41	359.54	11512.08	69.98	-0.56	69.98	12.00	
11550.00	34.41	359.54	11533.07	83.56	-0.66	83.56	12.00	
11572.09	37.06	359.54	11551.00	96.45	-0.77	96.46	12.00	3RD BONE SPRINGS SAND
11575.00	37.41	359.54	11553.31	98.22	-0.78	98.22	12.00	
11600.00	40.41	359.54	11572.76	113.92	-0.90	113.92	12.00	
11625.00	43.41	359.54	11591.37	130.62	-1.04	130.62	12.00	
11650.00	46.41	359.54	11609.07	148.27	-1.18	148.27	12.00	
11675.00	49.41	359.54	11625.82	166.82	-1.32	166.82	12.00	
11700.00	52.41	359.54	11641.58	186.22	-1.48	186.22	12.00	
11725.00	55.41	359.54	11656.31	206.42	-1.64	206.42	12.00	
11750.00	58.41	359.54	11669.95	227.36	-1.81	227.37	12.00	
11775.00	61.41	359.54	11682.49	248.99	-1.98	249.00	12.00	
11800.00	64.41	359.54	11693.87	271.24	-2.15	271.25	12.00	
11825.00	67.41	359.54	11704.07	294.06	-2.34	294.07	12.00	
11850.00	70.41	359.54	11713.06	317.39	-2.52	317.40	12.00	
11875.00	73.41	359.54	11720.82	341.15	-2.71	341.16	12.00	
11900.00	76.41	359.54	11727.33	365.28	-2.90	365.29	12.00	
11925.00	79.41	359.54	11732.57	389.72	-3.10	389.74	12.00	
11950.00	82.41	359.54	11736.51	414.41	-3.29	414.42	12.00	
11975.00	85.41	359.54	11739.16	439.26	-3.49	439.28	12.00	
12000.00	88.41	359.54	11740.51	464.22	-3.69	464.24	12.00	
12023.42	91.22	359.54	11740.59	487.64	-3.87	487.66	12.00	TARGET ZONE TBSS
16686.57	91.22	359.54	11641.00	5150.64	-40.91	5150.80	0.00	EOL

Cranberry BSU State Com #3H

