

DISTRICT I

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DISTRICT II

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DISTRICT IV

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State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

HOBBSOCD

Form C-102

Revised August 1, 2011

APR 13 2015

Submit one copy to appropriate
District Office

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

API Number 30-025-42509	Pool Code 51687	Pool Name Red Tank; Bone Spring, EAST
Property Code 314746	Property Name LEGHORN BWR STATE	Well Number 1H
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3664

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	33	22 S	33 E		330	SOUTH	660	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
D	33	22 S	33 E		330	NORTH	660	WEST	LEA

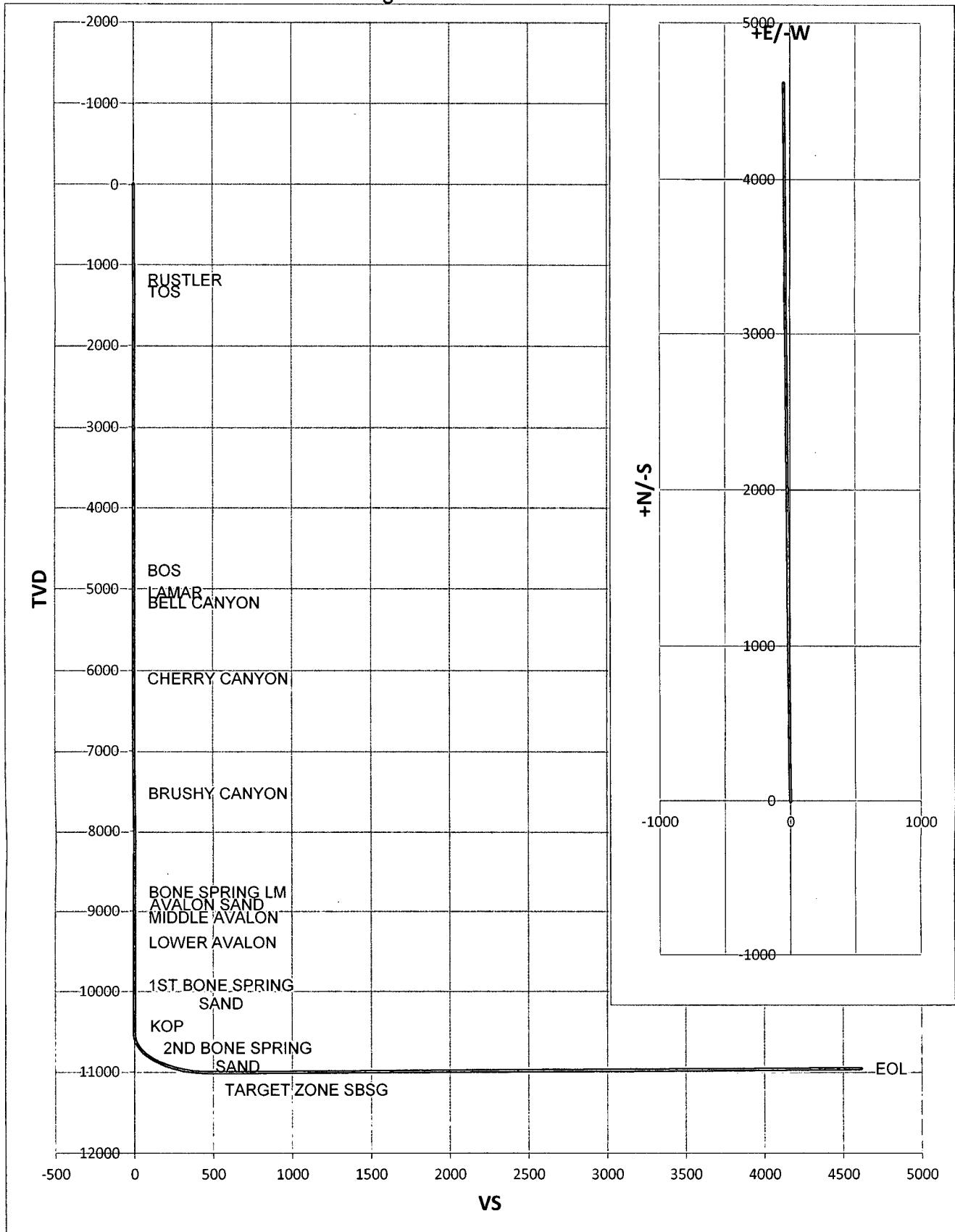
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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

	N: 493887.0 E: 773437.3 (NAD-83) PROPOSED BOTTOM HOLE LOCATION Lat - N 32°21'16.64" Long - W 103°35'01.82" NMSPC- N 493553.4 E 772775.5 (NAD-83)	N: 493894.5 E: 774762.5 (NAD-83)	N: 493909.5 E: 777413.0 (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 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. <i>Cy Cowan</i> 4/9/15 Signature Date Printed Name cy@yatespetroleum.com Email Address
	Project Area Producing Area			
	Penetration Point: 813' FSL and 660' FWL Section 33, T22S-R33E			
	N: 488604.3 E: 772167.9 (NAD-83) SURFACE LOCATION Lat - N 32°20'30.96" Long - W 103°35'01.63" NMSPC- N 488937.6 E 772824.4 (NAD-83)	N: 488611.0 E: 773489.1 (NAD-83)	N: 488631.4 E: 777452.8 (NAD-83)	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. MARCH 11 2015 Date Surveyed Signature of Professional Surveyor Certificate No. 7977 BASIN SURVEY 0' 500' 1000' 1500' 2000' SCALE: 1" = 1000' WO Num.: 31592

APR 14 2015

Leghorn BWR State #1H



Well Name: Leghorn BWR State #1H				Tgt N-S: 4615.80				
				Tgt E-W: -48.90	EOC TVD/MD: 11006.24 / 11284.50			
Surface Location: Section 33 , Township 22S Range 33E				VS: 4616.06				
Bottom Hole Location: Section 33 , Township 22S Range 33E				VS Az: 359.39	EOL TVD/MD: 10957.00 / 15417.41			

MD	Inc.	Azi.	TVD	+N-S	+E-W	VS	DLS	Comments
0	0	0	0	0	0	0	0	
1187.00	0.00	0.00	1187.00	0.00	0.00	0.00	0.00	RUSTLER
1332.00	0.00	0.00	1332.00	0.00	0.00	0.00	0.00	TOS
4767.00	0.00	0.00	4767.00	0.00	0.00	0.00	0.00	BOS
5039.00	0.00	0.00	5039.00	0.00	0.00	0.00	0.00	LAMAR
5107.00	0.00	0.00	5107.00	0.00	0.00	0.00	0.00	BELL CANYON
5982.00	0.00	0.00	5982.00	0.00	0.00	0.00	0.00	CHERRY CANYON
7527.00	0.00	0.00	7527.00	0.00	0.00	0.00	0.00	BRUSHY CANYON
8857.00	0.00	0.00	8857.00	0.00	0.00	0.00	0.00	BONE SPRING LM
8952.00	0.00	0.00	8952.00	0.00	0.00	0.00	0.00	AVALON SAND
9072.00	0.00	0.00	9072.00	0.00	0.00	0.00	0.00	MIDDLE AVALON
9387.00	0.00	0.00	9387.00	0.00	0.00	0.00	0.00	LOWER AVALON
10032.00	0.00	0.00	10032.00	0.00	0.00	0.00	0.00	1ST BONE SPRING SAND
10528.81	0.00	0.00	10528.81	0.00	0.00	0.00	0.00	KOP
10550.00	2.54	359.39	10549.99	0.47	0.00	0.47	12.00	
10575.00	5.54	359.39	10574.93	2.23	-0.02	2.23	12.00	
10600.00	8.54	359.39	10599.74	5.30	-0.06	5.30	12.00	
10625.00	11.54	359.39	10624.35	9.66	-0.10	9.66	12.00	
10650.00	14.54	359.39	10648.70	15.30	-0.16	15.30	12.00	
10675.00	17.54	359.39	10672.73	22.20	-0.24	22.21	12.00	
10700.00	20.54	359.39	10696.36	30.36	-0.32	30.36	12.00	
10725.00	23.54	359.39	10719.53	39.74	-0.42	39.74	12.00	
10750.00	26.54	359.39	10742.17	50.32	-0.53	50.32	12.00	
10775.00	29.54	359.39	10764.24	62.07	-0.66	62.08	12.00	
10800.00	32.54	359.39	10785.65	74.96	-0.79	74.97	12.00	
10825.00	35.54	359.39	10806.37	88.95	-0.94	88.96	12.00	
10838.20	37.12	359.39	10817.00	96.77	-1.03	96.77	12.00	2ND BONE SPRING SAND
10850.00	38.54	359.39	10826.32	104.01	-1.10	104.02	12.00	
10875.00	41.54	359.39	10845.46	120.09	-1.27	120.10	12.00	
10900.00	44.54	359.39	10863.72	137.15	-1.45	137.16	12.00	
10925.00	47.54	359.39	10881.08	155.15	-1.64	155.16	12.00	
10950.00	50.54	359.39	10897.46	174.02	-1.84	174.03	12.00	
10975.00	53.54	359.39	10912.84	193.73	-2.05	193.74	12.00	
11000.00	56.54	359.39	10927.16	214.22	-2.27	214.23	12.00	
11025.00	59.54	359.39	10940.39	235.43	-2.49	235.44	12.00	
11050.00	62.54	359.39	10952.49	257.30	-2.73	257.31	12.00	
11075.00	65.54	359.39	10963.43	279.77	-2.96	279.79	12.00	
11100.00	68.54	359.39	10973.18	302.79	-3.21	302.80	12.00	
11125.00	71.54	359.39	10981.72	326.28	-3.46	326.30	12.00	
11150.00	74.54	359.39	10989.01	350.19	-3.71	350.21	12.00	
11175.00	77.54	359.39	10995.04	374.45	-3.97	374.47	12.00	
11200.00	80.54	359.39	10999.79	398.99	-4.23	399.01	12.00	
11225.00	83.54	359.39	11003.25	423.74	-4.49	423.77	12.00	
11250.00	86.54	359.39	11005.41	448.64	-4.75	448.67	12.00	
11275.00	89.54	359.39	11006.26	473.63	-5.02	473.65	12.00	
11284.50	90.68	359.39	11006.24	483.13	-5.12	483.15	12.00	TARGET ZONE SBSG
15417.41	90.68	359.39	10957.00	4615.80	-48.90	4616.06	0.00	EOL