

HOBBS OCD

AUG 03 2015

DISTRICT I

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Phone (575) 393-8161 Fax: (575) 393-0720

DISTRICT II

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Phone (575) 748-1283 Fax: (575) 748-9720

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3400 Fax: (505) 476-3482State of New Mexico
Energy, Minerals and Natural Resources DepartmentForm C-102
Revised August 12, 2011

OIL CONSERVATION DIVISION

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

RECEIVED

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-42708	Pool Code 51870	Pool Name Reeves; Bone Spring
Property Code 315057	Property Name CRABWELL BWE STATE COM	Well Number 1H
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3890'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
A	11	18 S	35 E		660	NORTH	200	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
B	10	18 S	35 E		330	NORTH	2310	EAST	LEA
Dedicated Acres 240.00	Joint or Infill	Consolidation Code	Order No.						

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

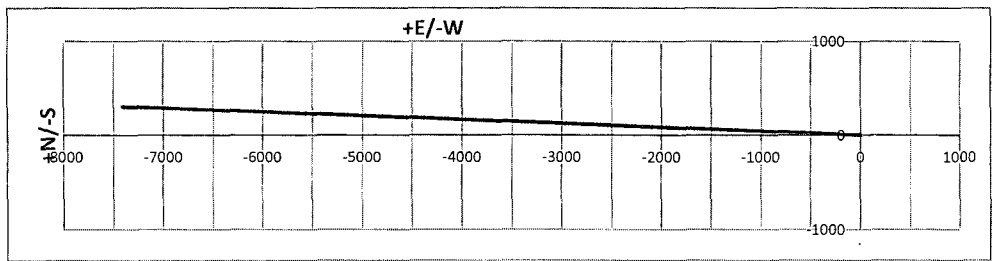
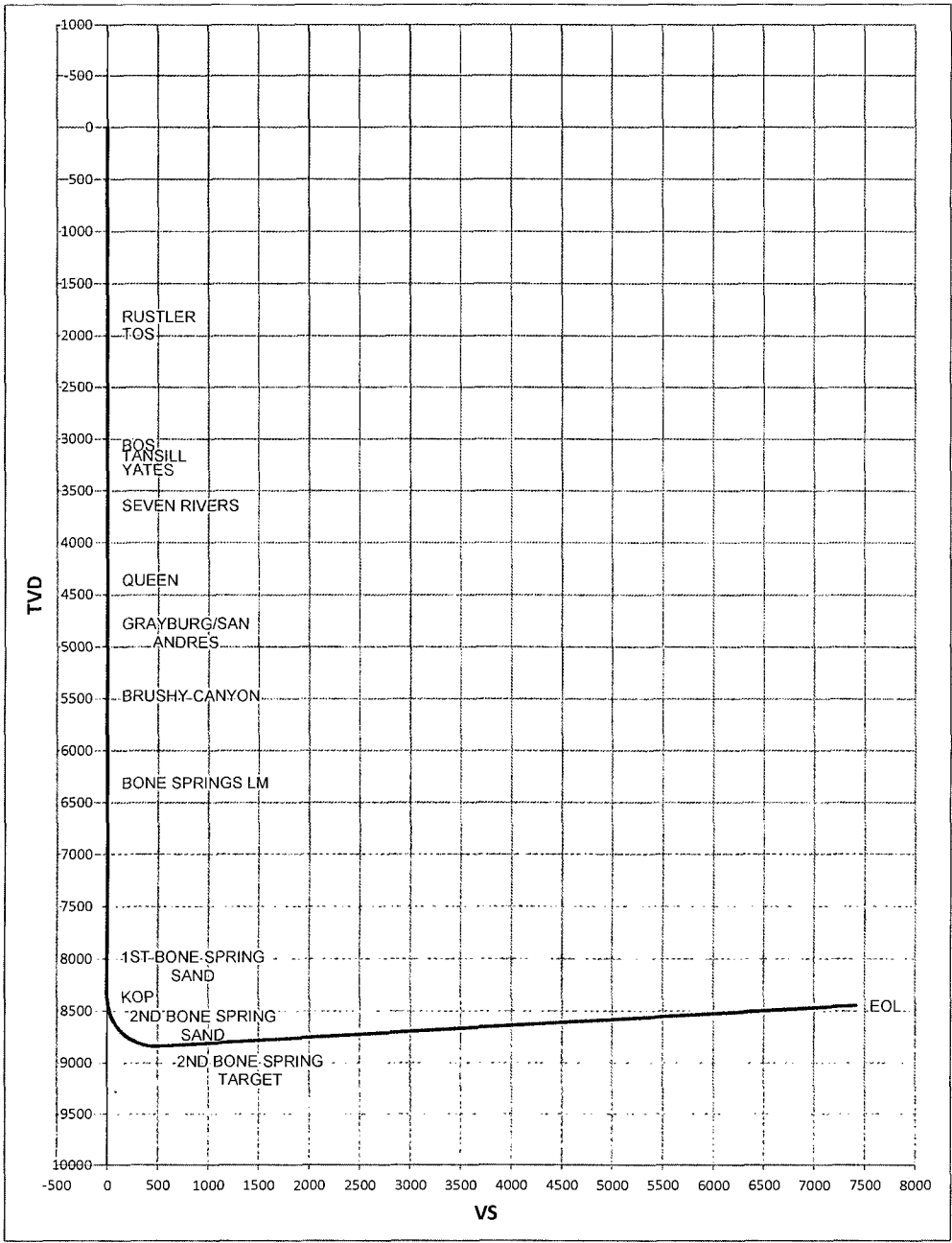
PROPOSED BOTTOM HOLE LOCATION Lat - N 32°46'06.92" Long - W 103°26'39.30" NMSPC-E 644492.3 E 814623.6 (NAD-83)	SURFACE LOCATION Lat - N 32°46'03.34" Long - W 103°25'12.62" NMSPC-E 644193.6 E 822027.7 (NAD-83)	3891.2' 3889.4' 3890.0' 3888.6'	OPERATOR CERTIFICATION I hereby certify that the information 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 unitary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Rene P. Bela Printed Name rbela@yatespetroleum.com Email Address
640' FNL/604' FEL Penetration Point Production Zone Dedicated Acres			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 _____ Signature _____ Professional Surveyor 7977 Certificate No. 7977 Scale: 1" = 2000' WO Num.: 31701

AUG 20 2015

Well Name:	Crabwell BWE State Com #1H	Tgt N/S:	298.70	EOC TVD/MD:	8840.41 / 9140.74
Surface Location:	Section 11 , Township 18S Range 35E	Tgt E-W:	-7404.10	VS:	7410.12
Bottom Hole Location:	Section 10 , Township 18S Range 35E	VS Az:	272.31	EOL TVD/MD:	8449.00 / 16046.38

MD	Inc.	Azi.	TVD	N/S	E/W	VS	DLS	Comments
0	0	0	0	0	0	0	0	
1814.00	0.00	0.00	1814.00	0.00	0.00	0.00	0.00	RUSTLER
1984.00	0.00	0.00	1984.00	0.00	0.00	0.00	0.00	TOS
3059.00	0.00	0.00	3059.00	0.00	0.00	0.00	0.00	BOS
3099.00	0.00	0.00	3099.00	0.00	0.00	0.00	0.00	TANSILL
3249.00	0.00	0.00	3249.00	0.00	0.00	0.00	0.00	YATES
3639.00	0.00	0.00	3639.00	0.00	0.00	0.00	0.00	SEVEN RIVERS
4359.00	0.00	0.00	4359.00	0.00	0.00	0.00	0.00	QUEEN
4864.00	0.00	0.00	4864.00	0.00	0.00	0.00	0.00	GRAYBURG/SAN ANDRES
5469.00	0.00	0.00	5469.00	0.00	0.00	0.00	0.00	BRUSHY CANYON
6309.00	0.00	0.00	6309.00	0.00	0.00	0.00	0.00	BONE SPRINGS LM
8069.00	0.00	0.00	8069.00	0.00	0.00	0.00	0.00	1ST BONE SPRING SAND
8363.71	0.00	0.00	8363.71	0.00	0.00	0.00	0.00	KOP
8375.00	1.36	272.31	8375.00	0.01	-0.13	0.13	12.00	
8400.00	4.36	272.31	8399.97	0.06	-1.38	1.38	12.00	
8425.00	7.36	272.31	8424.83	0.16	-3.93	3.93	12.00	
8450.00	10.36	272.31	8449.53	0.31	-7.77	7.78	12.00	
8475.00	13.36	272.31	8473.99	0.52	-12.90	12.91	12.00	
8500.00	16.36	272.31	8498.16	0.78	-19.31	19.32	12.00	
8525.00	19.36	272.31	8521.95	1.09	-26.96	26.99	12.00	
8550.00	22.36	272.31	8545.31	1.45	-35.86	35.88	12.00	
8575.00	25.36	272.31	8568.17	1.85	-45.96	45.99	12.00	
8600.00	28.36	272.31	8590.47	2.31	-57.24	57.29	12.00	
8625.00	31.36	272.31	8612.15	2.81	-69.67	69.73	12.00	
8650.00	34.36	272.31	8633.15	3.36	-83.22	83.29	12.00	
8655.66	33.82	272.31	8639.00	3.37	-83.61	83.68	12.00	2ND BONE SPRING SAND
8675.00	37.36	272.31	8653.41	3.95	-97.85	97.93	12.00	
8700.00	40.36	272.31	8672.88	4.58	-113.52	113.62	12.00	
8725.00	43.36	272.31	8691.50	5.25	-130.19	130.29	12.00	
8750.00	46.36	272.31	8709.22	5.96	-147.81	147.93	12.00	
8775.00	49.36	272.31	8725.99	6.71	-166.32	166.46	12.00	
8800.00	52.36	272.31	8741.77	7.49	-185.70	185.85	12.00	
8825.00	55.36	272.31	8756.51	8.31	-205.86	206.03	12.00	
8850.00	58.36	272.31	8770.18	9.15	-226.78	226.96	12.00	
8875.00	61.36	272.31	8782.73	10.02	-248.38	248.58	12.00	
8900.00	64.36	272.31	8794.14	10.92	-270.60	270.82	12.00	
8925.00	67.36	272.31	8804.36	11.84	-293.39	293.63	12.00	
8950.00	70.36	272.31	8813.38	12.78	-316.69	316.95	12.00	
8975.00	73.36	272.31	8821.17	13.73	-340.42	340.70	12.00	
9000.00	76.36	272.31	8827.70	14.71	-364.53	364.83	12.00	
9025.00	79.36	272.31	8832.95	15.69	-388.95	389.27	12.00	
9050.00	82.36	272.31	8836.93	16.69	-413.61	413.95	12.00	
9075.00	85.36	272.31	8839.60	17.69	-438.44	438.80	12.00	
9100.00	88.36	272.31	8840.97	18.69	-463.38	463.76	12.00	
9125.00	91.36	272.31	8841.04	19.70	-488.36	488.76	12.00	
9140.74	93.24	272.31	8840.41	20.34	-504.07	504.48	12.00	2ND BONE SPRING TARGET
16046.38	93.24	272.31	8449.00	298.70	-7404.10	-7410.12	0.00	EOL

Crabwell BWE State Com #1H



Crabwell BWE State Com #1H Contingency

Yates Petroleum Corporation respectfully requests the approval of a contingency if hole conditions warrant:

Contingency 2nd Intermediate Casing and Cement Design:

Hole will be drilled with an 8 ¾" hole to approx. 9,141' where 7" 26# casing will then be set at and cemented to surface with approx. 1215sx cement. TOC=0' 35% excess

Production: Lateral will be drilled with a 6 1/8" hole to 16046' MD (8449' TVD) where a liner hanger will be set at approx. 9040' and 4 ½" 11.6# casing will be set and cemented to the top of the liner hanger with approx. 685sx cement. 35% excess'