

DISTRICT I

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DISTRICT II

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

DISTRICT III

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DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 12, 2011

OIL CONSERVATION DIVISION

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

Submit one copy to appropriate
District Office
NM OIL CONSERVATION
ARTESIA DISTRICT
FEB 19 2016
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-43653	Pool Code 15011	Pool Name Culebra Bluff; Bone Springs, NM
Property Code 12521	Property Name LOVING AIB STATE	Well Number 20H
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3032'

Surface Location

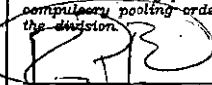
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
A	16	23 S	28 E		401'	NORTH	581'	EAST	EDDY

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
P	16	23 S	28 E		330	SOUTH	760'	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

N: 477527.9 E: 613075.1 (NAD83)	N: 477597.2 E: 617059.2 (NAD83)	SURFACE LOCATION Lat - N 32°18'42.04" Long - W 104°05'08.88" NMSPCE - N 477209.2 E 617808.7 (NAD-83)	3031.7' 3041.6' 1581' 3023.2' 3030.4' N: 477620.3 E: 618387.2 (NAD83)	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 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.  2/19/2016 Signature _____ Date _____ Printed Name rbela@yatespetroleum.com Email Address
		Penetration Point 879' FNL & 597' FEL		
N: 472199.9 E: 613112.5 (NAD83)	N: 472230.7 E: 617088.9 (NAD83)	PROPOSED BOTTOM HOLE LOCATION Lat - N 32°17'56.08" Long - W 104°05'10.82" NMSPCE - N 472564.9 E 617653.1 (NAD-83)	766' N: 472240.9 E: 618414.6 (NAD83)	SCALE: 1" = 2000' WO Num.: 31818

2/23/16

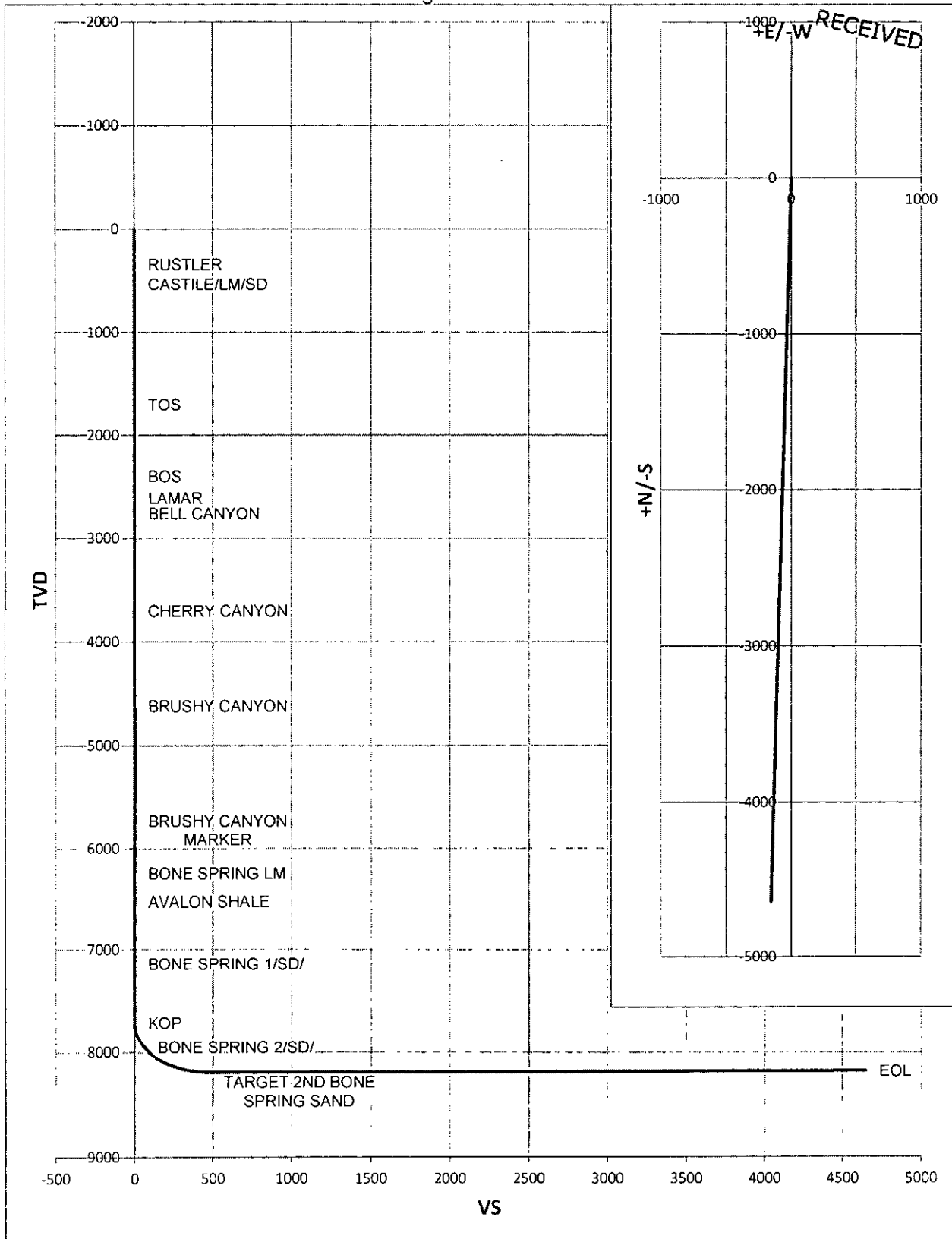
NM OIL CONSERVATION
ARTESIA DISTRICT
FEB 11 2016

Well Name: Loving AIB State #20H
Surface Location: Section 16 , Township 23S Range 28E
Bottom Hole Location: Section 16 , Township 23S Range 28E
Tgt N/-S: -4644.30
Tgt E/-W: -155.60
VS: 4646.91
VS Az: 181.92
EOC TVD/MD: 8193.97
EOL TVD/MD: 8185.00

RECEIVED

MD	Inc.	Azi.	TVD	+N/-S	+E/-W	VS	DLS	Comments
0	0	0	0	0	0	0	0	
342.00	0.00	0.00	342.00	0.00	0.00	0.00	0.00	RUSTLER
534.00	0.00	0.00	534.00	0.00	0.00	0.00	0.00	CASTILE/LM/SD
1745.00	0.00	0.00	1745.00	0.00	0.00	0.00	0.00	TOS
2399.00	0.00	0.00	2399.00	0.00	0.00	0.00	0.00	BOS
2610.00	0.00	0.00	2610.00	0.00	0.00	0.00	0.00	LAMAR
2684.00	0.00	0.00	2684.00	0.00	0.00	0.00	0.00	BELL CANYON
3733.00	0.00	0.00	3733.00	0.00	0.00	0.00	0.00	CHERRY CANYON
4619.00	0.00	0.00	4619.00	0.00	0.00	0.00	0.00	BRUSHY CANYON
5825.00	0.00	0.00	5825.00	0.00	0.00	0.00	0.00	BRUSHY CANYON MARKER
6251.00	0.00	0.00	6251.00	0.00	0.00	0.00	0.00	BONE SPRING LM
6527.00	0.00	0.00	6527.00	0.00	0.00	0.00	0.00	AVALON SHALE
7139.00	0.00	0.00	7139.00	0.00	0.00	0.00	0.00	BONE SPRING 1/SD/
7716.51	0.00	0.00	7716.51	0.00	0.00	0.00	0.00	KOP
7725.00	1.02	181.92	7725.00	-0.08	0.00	0.08	12.00	
7750.00	4.02	181.92	7749.97	-1.17	-0.04	1.17	12.00	
7775.00	7.02	181.92	7774.85	-3.58	-0.12	3.58	12.00	
7800.00	10.02	181.92	7799.58	-7.28	-0.24	7.28	12.00	
7825.00	13.02	181.92	7824.07	-12.27	-0.41	12.27	12.00	
7850.00	16.02	181.92	7848.27	-18.53	-0.62	18.54	12.00	
7875.00	19.02	181.92	7872.11	-26.05	-0.87	26.07	12.00	
7900.00	22.02	181.92	7895.52	-34.81	-1.17	34.83	12.00	
7925.00	25.02	181.92	7918.44	-44.78	-1.50	44.80	12.00	
7950.00	28.02	181.92	7940.80	-55.93	-1.87	55.96	12.00	
7962.74	29.51	181.92	7952.00	-61.98	-2.08	62.02	12.00	BONE SPRING 2/SD/
7975.00	31.02	181.92	7962.56	-68.24	-2.29	68.28	12.00	
8000.00	34.02	181.92	7983.63	-81.67	-2.74	81.72	12.00	
8025.00	37.02	181.92	8003.98	-96.19	-3.22	96.24	12.00	
8050.00	40.02	181.92	8023.54	-111.75	-3.74	111.81	12.00	
8075.00	43.02	181.92	8042.25	-128.31	-4.30	128.38	12.00	
8100.00	46.02	181.92	8060.08	-145.82	-4.89	145.91	12.00	
8125.00	49.02	181.92	8076.96	-164.25	-5.50	164.34	12.00	
8150.00	52.02	181.92	8092.85	-183.53	-6.15	183.63	12.00	
8175.00	55.02	181.92	8107.71	-203.62	-6.82	203.73	12.00	
8200.00	58.02	181.92	8121.50	-224.46	-7.52	224.58	12.00	
8225.00	61.02	181.92	8134.18	-245.99	-8.24	246.13	12.00	
8250.00	64.02	181.92	8145.72	-268.15	-8.98	268.30	12.00	
8275.00	67.02	181.92	8156.08	-290.89	-9.75	291.05	12.00	
8300.00	70.02	181.92	8165.23	-314.14	-10.52	314.31	12.00	
8325.00	73.02	181.92	8173.16	-337.83	-11.32	338.02	12.00	
8350.00	76.02	181.92	8179.83	-361.91	-12.13	362.11	12.00	
8375.00	79.02	181.92	8185.23	-386.30	-12.94	386.52	12.00	
8400.00	82.02	181.92	8189.35	-410.94	-13.77	411.17	12.00	
8425.00	85.02	181.92	8192.17	-435.77	-14.60	436.01	12.00	
8450.00	88.02	181.92	8193.69	-460.70	-15.44	460.96	12.00	
8467.53	90.12	181.92	8193.97	-478.22	-16.02	478.49	12.00	TARGET 2ND BONE SPRING SAND
12635.95	90.12	181.92	8185.00	-4644.30	-155.60	4646.91	0.00	EOL

Loving AIB State #20H



Loving AIB State #20H 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. 8468' MD (8194' TVD) where 7" 26# casing will then be set at and cemented to surface with approx. 715sx. TOC=0' 35% excess

Production: Production hole will be drilled with a 6 1/8" hole to 12636' MD (8185' TVD) where 4 ½" 11.6# liner will be run from TD to a liner hanger at approx. 8300'. Liner will be cemented to the top of liner hanger with approx. 305sx with 35% excess. 4 ½" 11.6# casing will be run from the top of the liner hanger to surface. 4 ½" casing will be pulled after stimulation.

NM OIL CONSERVATION
ARTESIA DISTRICT
FEB 19 2010
RECEIVED