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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

Form C-102
Revised August 12, 2011
NM OIL CONSERVATION
ARTESIA DISTRICT
FEB 19 2015
RECEIVED
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-05-43652		Pool Code 15011	Pool Name Culebra Bluff, Bone Spring, South
Property Code 12521	Property Name LOVING AIB STATE		Well Number 19H
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION		Elevation 3034'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
B	16	23 S	28 E		304'	NORTH	1761'	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
O	16	23 S	28 E		330	SOUTH	1980'	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

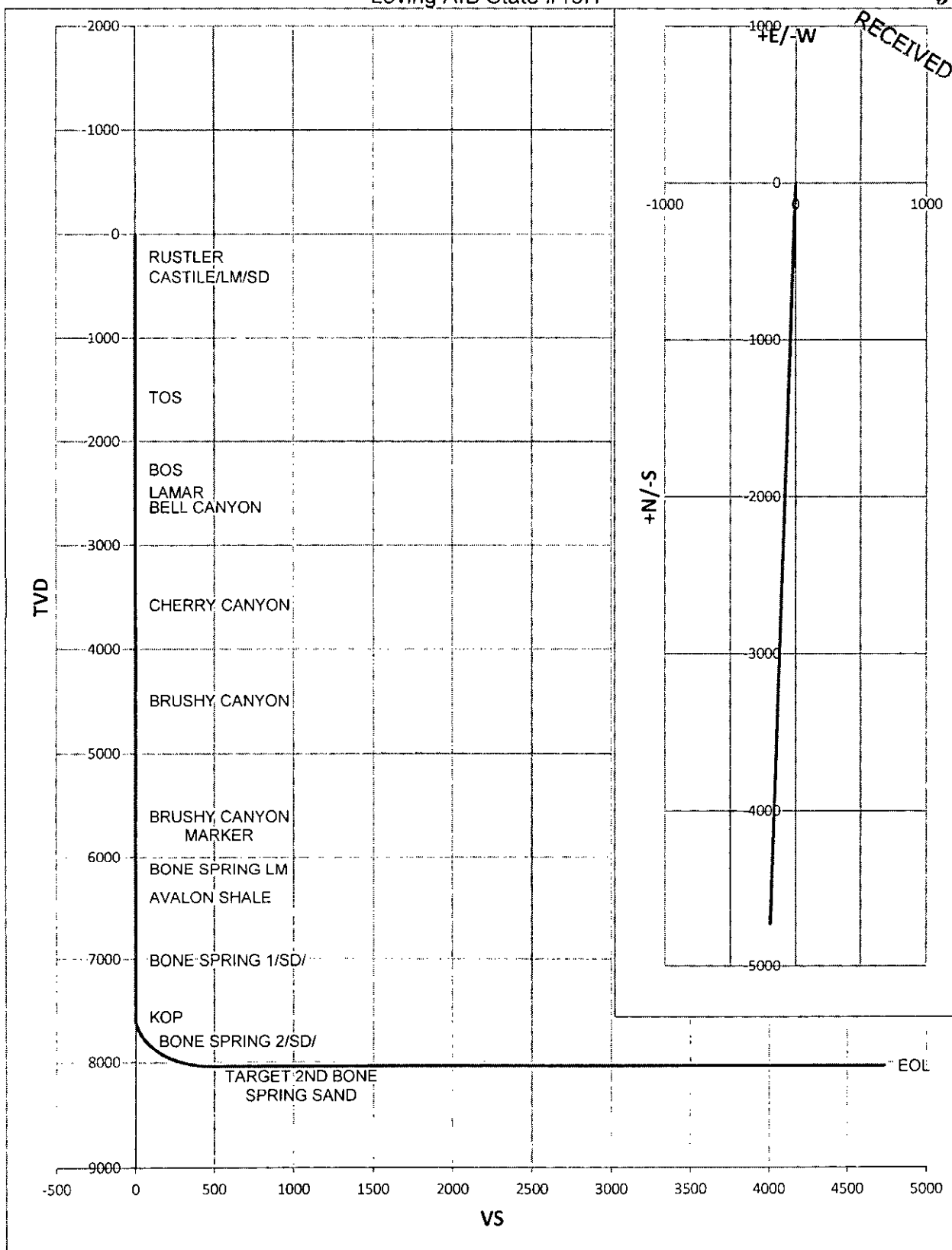
N: 477527.9 E: 613075.1 (NAD83)		N: 477574.1 E: 615731.2 (NAD83)		N: 477574.1 E: 615731.2 (NAD83)		N: 477620.3 E: 618367.2 (NAD83)	
SURFACE LOCATION Lat - N 32°18'42.82" Long - W 104°05'22.64" NMSPC - N 477285.9 E 616627.8 (NAD-83)		PROPOSED BOTTOM HOLE LOCATION Lat - N 32°17'56.02" Long - W 104°05'25.03" NMSPC - N 472555.5 E 616433.4 (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>[Signature]</i> 2/19/2016 Signature Date Rene P Bela Printed Name rbela@yatespetroleum.com Email Address		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 & SEAL OF PROFESSIONAL SURVEYOR 7977 Certificate No. 7977 BIRTH 08/25/58	
Penetration Point 782'FNL & 1781'FEL		Dedicated Acres V0-3346		Production Zone		Scale: 0' 1000' 2000' 3000' 4000' SCALE: 1" = 2000' WO Num.: 31817	

LLP
2/20/16

Well Name: Loving AIB State #19H	Tgt N-S: -4730.40	EOC TVD/MD: 8040.39 / 813.53
Surface Location: Section 16 , Township 23S Range 28E	Tgt E-W: -194.40	VS: 4734.39
Bottom Hole Location: Section 16 , Township 23S Range 28E	VS Az: 182.35	EOL TVD/MD: 8035.00 / 12569.86

MD	Inc.	Azi.	TVD	+N-S	+E-W	VS	DLS	Comments
0	0	0	0	0	0	0	0	
218.00	0.00	0.00	218.00	0.00	0.00	0.00	0.00	RUSTLER
410.00	0.00	0.00	410.00	0.00	0.00	0.00	0.00	CASTILE/LM/SD
1616.00	0.00	0.00	1616.00	0.00	0.00	0.00	0.00	TOS
2270.00	0.00	0.00	2270.00	0.00	0.00	0.00	0.00	BOS
2490.00	0.00	0.00	2490.00	0.00	0.00	0.00	0.00	LAMAR
2555.00	0.00	0.00	2555.00	0.00	0.00	0.00	0.00	BELL CANYON
3604.00	0.00	0.00	3604.00	0.00	0.00	0.00	0.00	CHERRY CANYON
4490.00	0.00	0.00	4490.00	0.00	0.00	0.00	0.00	BRUSHY CANYON
5696.00	0.00	0.00	5696.00	0.00	0.00	0.00	0.00	BRUSHY CANYON MARKER
6122.00	0.00	0.00	6122.00	0.00	0.00	0.00	0.00	BONE SPRING LM
6398.00	0.00	0.00	6398.00	0.00	0.00	0.00	0.00	AVALON SHALE
7010.00	0.00	0.00	7010.00	0.00	0.00	0.00	0.00	BONE SPRING 1/SD/
7562.93	0.00	0.00	7562.93	0.00	0.00	0.00	0.00	KOP
7575.00	1.45	182.35	7575.00	-0.15	-0.01	0.15	12.00	
7600.00	4.45	182.35	7599.96	-1.44	-0.06	1.44	12.00	
7625.00	7.45	182.35	7624.83	-4.03	-0.17	4.03	12.00	
7650.00	10.45	182.35	7649.52	-7.91	-0.33	7.92	12.00	
7675.00	13.45	182.35	7673.97	-13.08	-0.54	13.09	12.00	
7700.00	16.45	182.35	7698.12	-19.52	-0.80	19.54	12.00	
7725.00	19.45	182.35	7721.91	-27.22	-1.12	27.24	12.00	
7750.00	22.45	182.35	7745.25	-36.15	-1.49	36.18	12.00	
7775.00	25.45	182.35	7768.10	-46.29	-1.90	46.33	12.00	
7800.00	28.45	182.35	7790.38	-57.61	-2.37	57.66	12.00	
7808.69	29.47	182.35	7798.00	-61.77	-2.54	61.82	12.00	BONE SPRING 2/SD/
7825.00	31.45	182.35	7812.04	-70.08	-2.88	70.13	12.00	
7850.00	34.45	182.35	7833.01	-83.66	-3.44	83.73	12.00	
7875.00	37.45	182.35	7853.25	-98.32	-4.04	98.41	12.00	
7900.00	40.45	182.35	7872.69	-114.02	-4.69	114.12	12.00	
7925.00	43.45	182.35	7891.28	-130.72	-5.37	130.83	12.00	
7950.00	46.45	182.35	7908.97	-148.36	-6.10	148.49	12.00	
7975.00	49.45	182.35	7925.72	-166.91	-6.86	167.05	12.00	
8000.00	52.45	182.35	7941.47	-186.30	-7.66	186.46	12.00	
8025.00	55.45	182.35	7956.18	-206.50	-8.49	206.67	12.00	
8050.00	58.45	182.35	7969.81	-227.43	-9.35	227.62	12.00	
8075.00	61.45	182.35	7982.33	-249.05	-10.23	249.26	12.00	
8100.00	64.45	182.35	7993.70	-271.29	-11.15	271.52	12.00	
8125.00	67.45	182.35	8003.89	-294.10	-12.09	294.35	12.00	
8150.00	70.45	182.35	8012.86	-317.41	-13.04	317.68	12.00	
8175.00	73.45	182.35	8020.61	-341.16	-14.02	341.45	12.00	
8200.00	76.45	182.35	8027.10	-365.28	-15.01	365.59	12.00	
8225.00	79.45	182.35	8032.32	-389.70	-16.02	390.03	12.00	
8250.00	82.45	182.35	8036.25	-414.37	-17.03	414.72	12.00	
8275.00	85.45	182.35	8038.89	-439.20	-18.05	439.57	12.00	
8300.00	88.45	182.35	8040.22	-464.14	-19.07	464.54	12.00	
8313.53	90.07	182.35	8040.39	-477.67	-19.63	478.07	12.00	TARGET 2ND BONE SPRING SAND
12569.86	90.07	182.35	8035.00	-4730.40	-194.40	4734.39	0.00	EOL

Loving AIB State #19H



NM OIL CONSERVATION
ARTESTA DISTRICT
FEB 19 2010

Loving AIB State #19H 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. 8314' MD (8040' TVD) where 7" 26# casing will then be set at and cemented to surface with approx. 700sx. TOC=0' 35% excess

Production: Production hole will be drilled with a 6 1/8" hole to 12570' MD (8035' TVD) where 4 ½" 11.6# liner will be run from TD to a liner hanger at approx. 8200'. 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.