

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-8161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
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) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 12, 2011

ARTESIA DISTRICT
Submit one copy to appropriate
District Office

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

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-43613	Pool Code 15011	Pool Name Culebra Bluff; Bone Spring, South
Property Code 12521	Property Name LOVING AIB STATE	Well Number 17H
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3027'

Surface Location

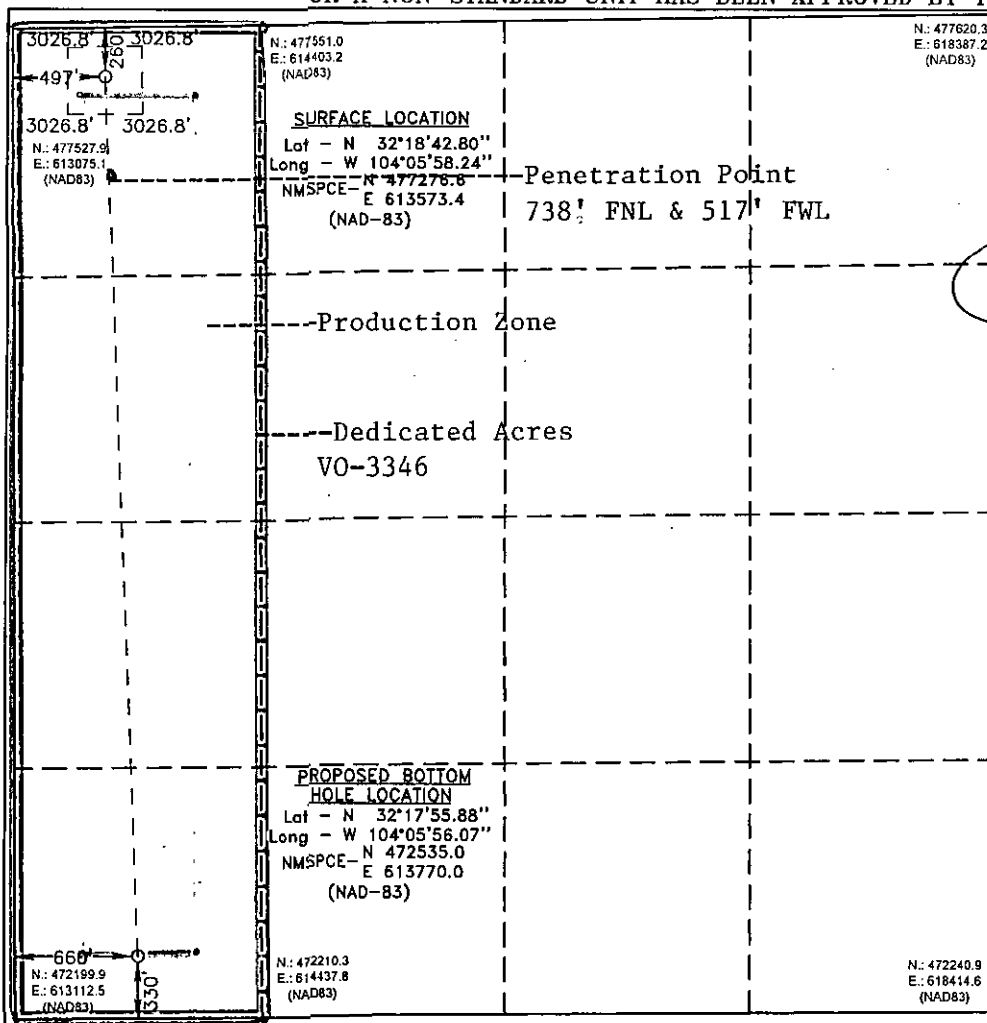
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
D	16	23 S	28 E		260	NORTH	497	WEST	EDDY

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
M	16	23 S	28 E		330	SOUTH	660	WEST	EDDY

Dedicated Acres 160	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

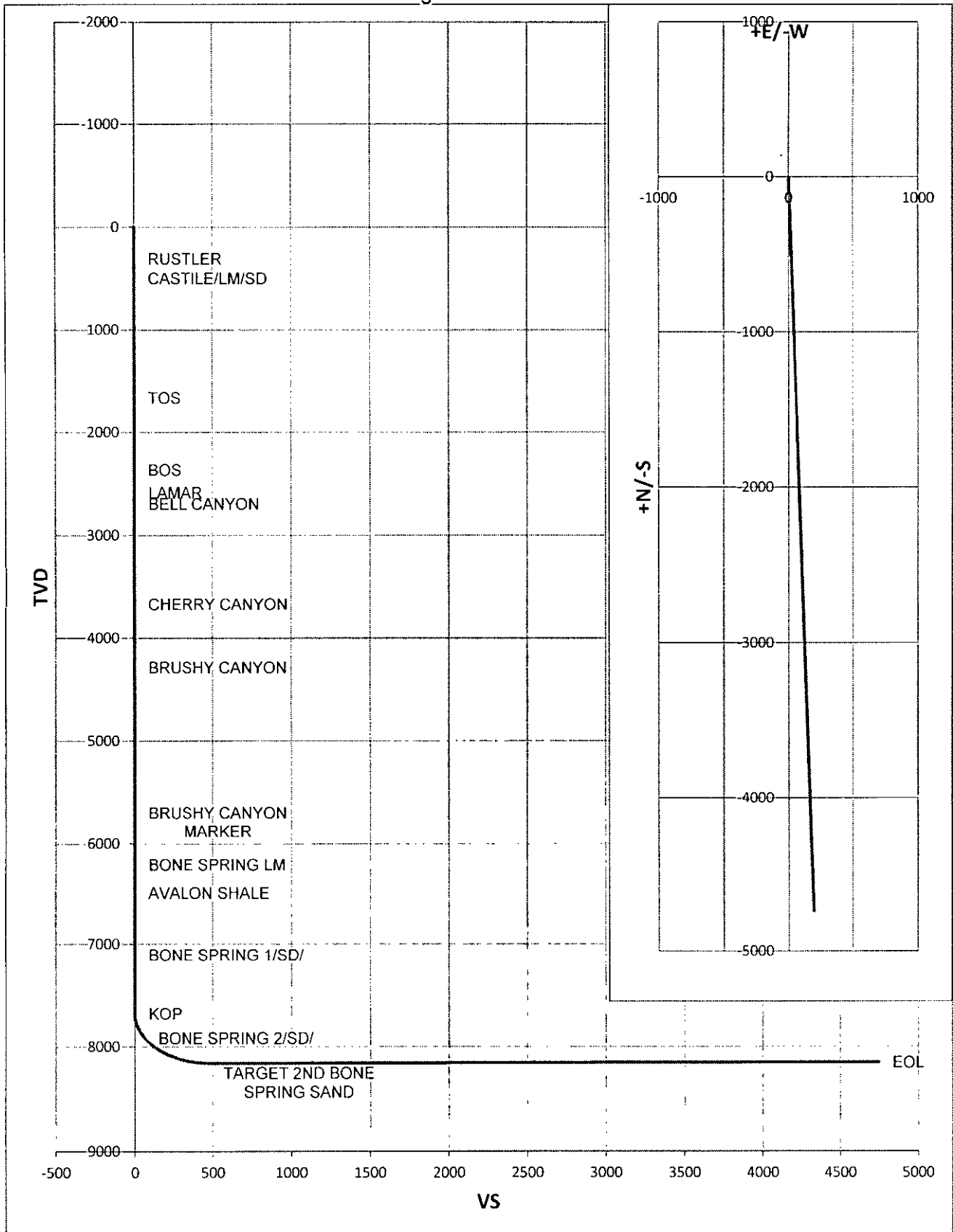
	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to 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. Signature: <u>Rene P Bela</u> Date: <u>2/9/16</u> Printed Name: <u>Rene P Bela</u> Email Address: <u>rbela@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>1/6/16</u> Signature of Professional Surveyor: <u>[Signature]</u> Certified True Copy of Survey 7977 Scale: 1" = 2000' WO Num.: 31815
--	--

2/12/16
JAO

Well Name: Loving AIB State #17H				Tgt N/-S: -4741.60				
Surface Location: Section 16 , Township 23S Range 28E				Tgt E/-W: 196.60	EOC TVD/MD: 8158.99 / 8432.53			
Bottom Hole Location: Section 16 , Township 23S Range 28E				VS: 4745.67				
				VS Az: 177.63	EOL TVD/MD: 8150.00 / 12699.74			

MD	Inc.	Azi.	TVD	+N/-S	+E/-W	VS	DLS	Comments
0	0	0	0	0	0	0	0	
307.00	0.00	0.00	307.00	0.00	0.00	0.00	0.00	RUSTLER
499.00	0.00	0.00	499.00	0.00	0.00	0.00	0.00	CASTILE/LM/SD
1710.00	0.00	0.00	1710.00	0.00	0.00	0.00	0.00	TOS
2364.00	0.00	0.00	2364.00	0.00	0.00	0.00	0.00	BOS
2584.00	0.00	0.00	2584.00	0.00	0.00	0.00	0.00	LAMAR
2649.00	0.00	0.00	2649.00	0.00	0.00	0.00	0.00	BELL CANYON
3698.00	0.00	0.00	3698.00	0.00	0.00	0.00	0.00	CHERRY CANYON
4284.00	0.00	0.00	4284.00	0.00	0.00	0.00	0.00	BRUSHY CANYON
5790.00	0.00	0.00	5790.00	0.00	0.00	0.00	0.00	BRUSHY CANYON MARKER
6216.00	0.00	0.00	6216.00	0.00	0.00	0.00	0.00	BONE SPRING LM
6492.00	0.00	0.00	6492.00	0.00	0.00	0.00	0.00	AVALON SHALE
7104.00	0.00	0.00	7104.00	0.00	0.00	0.00	0.00	BONE SPRING 1/SD/
7681.53	0.00	0.00	7681.53	0.00	0.00	0.00	0.00	KOP
7700.00	2.22	177.63	7700.00	-0.36	0.01	0.36	12.00	
7725.00	5.22	177.63	7724.94	-1.98	0.08	1.98	12.00	
7750.00	8.22	177.63	7749.77	-4.90	0.20	4.90	12.00	
7775.00	11.22	177.63	7774.40	-9.11	0.38	9.12	12.00	
7800.00	14.22	177.63	7798.79	-14.61	0.61	14.62	12.00	
7825.00	17.22	177.63	7822.85	-21.38	0.89	21.39	12.00	
7850.00	20.22	177.63	7846.53	-29.39	1.22	29.42	12.00	
7875.00	23.22	177.63	7869.75	-38.63	1.60	38.66	12.00	
7900.00	26.22	177.63	7892.46	-49.07	2.03	49.12	12.00	
7925.00	29.22	177.63	7914.58	-60.69	2.52	60.74	12.00	
7927.74	29.51	177.63	7917.00	-61.95	2.57	62.01	12.00	BONE SPRING 2/SD/
7950.00	32.22	177.63	7936.08	-73.45	3.05	73.51	12.00	
7975.00	35.22	177.63	7956.87	-87.31	3.62	87.39	12.00	
8000.00	38.22	177.63	7976.91	-102.24	4.24	102.33	12.00	
8025.00	41.22	177.63	7996.13	-118.20	4.90	118.30	12.00	
8050.00	44.22	177.63	8014.50	-135.15	5.60	135.26	12.00	
8075.00	47.22	177.63	8031.95	-153.03	6.34	153.16	12.00	
8100.00	50.22	177.63	8048.45	-171.79	7.12	171.94	12.00	
8125.00	53.22	177.63	8063.93	-191.40	7.94	191.56	12.00	
8150.00	56.22	177.63	8078.37	-211.79	8.78	211.97	12.00	
8175.00	59.22	177.63	8091.72	-232.90	9.66	233.10	12.00	
8200.00	62.22	177.63	8103.95	-254.69	10.56	254.90	12.00	
8225.00	65.22	177.63	8115.02	-277.08	11.49	277.32	12.00	
8250.00	68.22	177.63	8124.90	-300.02	12.44	300.28	12.00	
8275.00	71.22	177.63	8133.56	-323.45	13.41	323.73	12.00	
8300.00	74.22	177.63	8140.99	-347.30	14.40	347.59	12.00	
8325.00	77.22	177.63	8147.16	-371.50	15.40	371.82	12.00	
8350.00	80.22	177.63	8152.05	-395.99	16.42	396.33	12.00	
8375.00	83.22	177.63	8155.65	-420.71	17.44	421.07	12.00	
8400.00	86.22	177.63	8157.95	-445.58	18.47	445.96	12.00	
8425.00	89.22	177.63	8158.95	-470.53	19.51	470.94	12.00	
8432.53	90.12	177.63	8158.99	-478.06	19.82	478.47	12.00	TARGET 2ND BONE SPRING SAND
12699.74	90.12	177.63	8150.00	-4741.60	196.60	4745.67	0.00	EOL

Loving AIB State #17H



Loving AIB State #17H 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. 8,433' MD (8159' TVD) where 7" 26# casing will then be set at and cemented to surface with approx. 710sx. TOC=0' 35% excess

Production: Production hole will be drilled with a 6 1/8" hole to 12700' MD (8150' 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.