

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-8181 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (575) 748-1283 Fax: (575) 748-0720

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

DISTRICT IV
1221 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 August 1, 2011

OIL CONSERVATION DIVISION
1221 South St. Francis Dr.
Santa Fe, New Mexico 87505

HOBBS OGD
Submit one copy to appropriate
District Office

JUL 05 2016

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-43366	Pool Name SHAD DUNE	Well Number 16H
Property Code 12519	Property Name LOTUS ALT STATE	Elevation 3565
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	

Surface Location

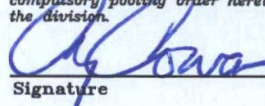
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/NORTH LINE	Feet from the	East/West line	County
A	32	22 S	32 E		330	NORTH	330	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/NORTH LINE	Feet from the	East/West line	County
P	32	22 S	32 E		330	SOUTH	660	EAST	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: 493552.8 E: 735264.3 (NAD 83)		N: 493578.4 E: 737906.7 (NAD 83)	N: 493591.7 E: 739227.3 (NAD 83)	N: 493605.0 E: 740547.8 (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.  Signature Date 6/29/16 Printed Name Cy Cowan Email Address		
Project Area		SURFACE LOCATION Lat - N 32°21'15.98" Long - W 103°41'21.28" NMSPCE- N 493271.7 E 740222.2 (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. OCTOBER 09 2015 Date Surveyed Signature & Seal of Professional Surveyor  Certificate Gary Lopes 7977 BASIN SURVEYS	
Penetration Point: ● 806' FNL and 361' FEL		BOTTOM HOLE LOCATION Lat - N 32°20'30.23" Long - W 103°41'25.09" NMSPCE- N 488646.9 E 739923.2 (NAD-83)				SCALE: 1" = 1000' WO Num.: 31984	
Producing Area		N: 488272.0 E: 735301.4 (NAD 83)				N: 488310.5 E: 739262.5 (NAD 83)	

Well Name: Lotus ALT State #16H

Tgt N-S: -4624.80

EOC TVD/MD: 10400.00 / 10672.54

Surface Location: Section 32 , Township 22S Range 32E

Tgt E-W: -299.00

VS: 4634.46

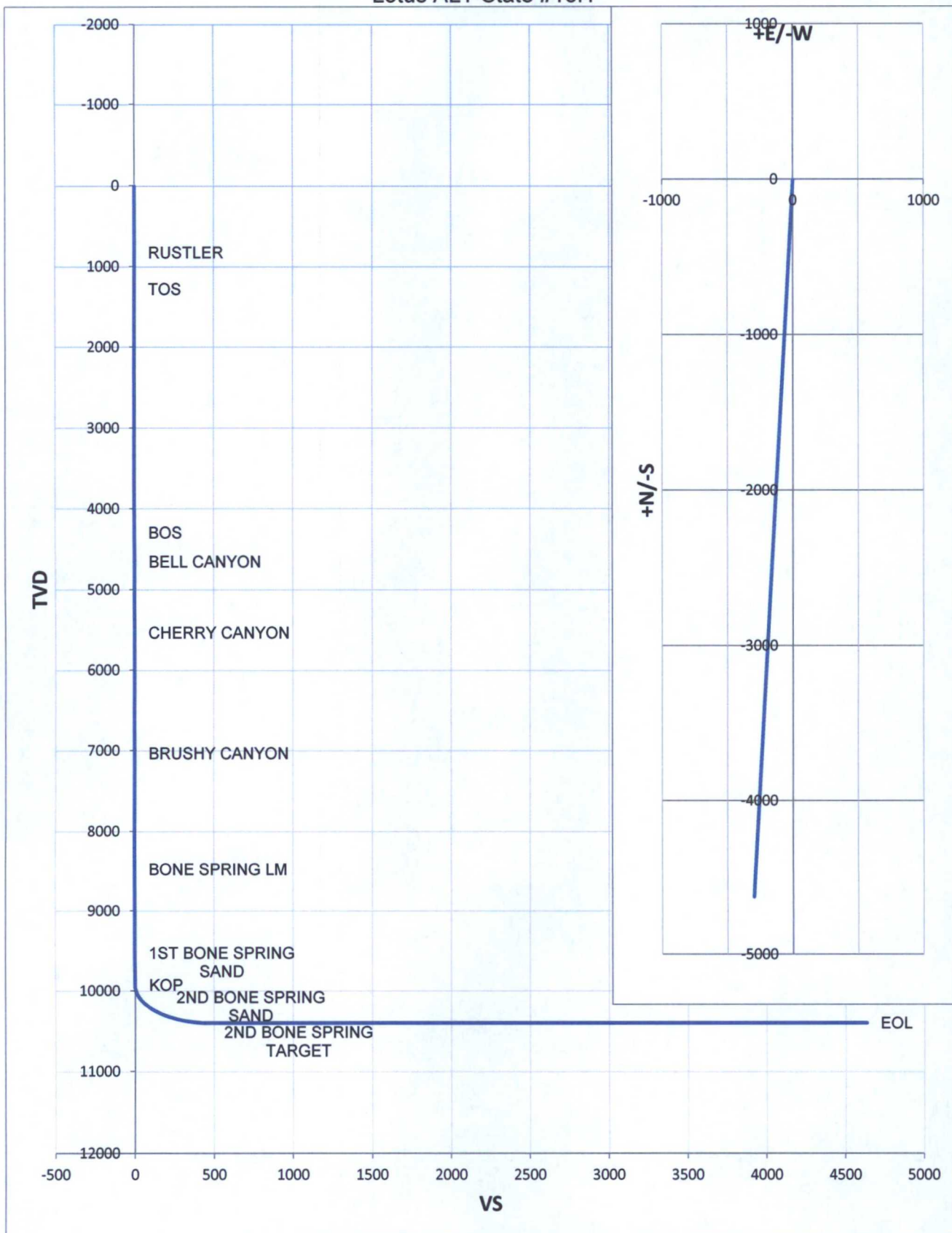
EOL TVD/MD: 10400.00 / 14829.53

Bottom Hole Location: Section 32 , Township 22S Range 32E

VS Az: 183.70

MD	Inc.	Azi.	TVD	+N/-S	+E/-W	VS	DLS	Comments
0	0	0	0	0	0	0	0	
826.00	0.00	0.00	826.00	0.00	0.00	0.00	0.00	RUSTLER
1280.00	0.00	0.00	1280.00	0.00	0.00	0.00	0.00	TOS
4350.00	0.00	0.00	4350.00	0.00	0.00	0.00	0.00	BOS
4650.00	0.00	0.00	4650.00	0.00	0.00	0.00	0.00	BELL CANYON
5532.00	0.00	0.00	5532.00	0.00	0.00	0.00	0.00	CHERRY CANYON
7030.00	0.00	0.00	7030.00	0.00	0.00	0.00	0.00	BRUSHY CANYON
8515.00	0.00	0.00	8515.00	0.00	0.00	0.00	0.00	BONE SPRING LM
9640.00	0.00	0.00	9640.00	0.00	0.00	0.00	0.00	1ST BONE SPRING SAND
9922.54	0.00	0.00	9922.54	0.00	0.00	0.00	0.00	KOP
9925.00	0.30	183.70	9925.00	-0.01	0.00	0.01	12.00	
9950.00	3.30	183.70	9949.98	-0.79	-0.05	0.79	12.00	
9975.00	6.30	183.70	9974.89	-2.87	-0.19	2.88	12.00	
10000.00	9.30	183.70	9999.66	-6.26	-0.40	6.27	12.00	
10025.00	12.30	183.70	10024.22	-10.93	-0.71	10.95	12.00	
10050.00	15.30	183.70	10048.49	-16.88	-1.09	16.91	12.00	
10075.00	18.30	183.70	10072.42	-24.09	-1.56	24.14	12.00	
10100.00	21.30	183.70	10095.94	-32.53	-2.10	32.60	12.00	
10125.00	24.30	183.70	10118.99	-42.20	-2.73	42.29	12.00	
10150.00	27.30	183.70	10141.49	-53.05	-3.43	53.17	12.00	
10175.00	30.30	183.70	10163.40	-65.07	-4.21	65.21	12.00	
10200.00	33.30	183.70	10184.64	-78.21	-5.06	78.38	12.00	
10225.00	36.30	183.70	10205.17	-92.45	-5.98	92.64	12.00	
10250.00	39.30	183.70	10224.93	-107.74	-6.97	107.96	12.00	
10275.00	42.30	183.70	10243.85	-124.03	-8.02	124.29	12.00	
10300.00	45.30	183.70	10261.89	-141.30	-9.14	141.59	12.00	
10325.00	48.30	183.70	10279.01	-159.48	-10.31	159.81	12.00	
10343.43	50.51	183.70	10291.00	-173.45	-11.21	173.81	12.00	2ND BONE SPRING SAND
10350.00	51.30	183.70	10295.14	-178.53	-11.54	178.91	12.00	
10375.00	54.30	183.70	10310.26	-198.40	-12.83	198.82	12.00	
10400.00	57.30	183.70	10324.31	-219.03	-14.16	219.49	12.00	
10425.00	60.30	183.70	10337.26	-240.37	-15.54	240.87	12.00	
10450.00	63.30	183.70	10349.07	-262.35	-16.96	262.90	12.00	
10475.00	66.30	183.70	10359.72	-284.92	-18.42	285.52	12.00	
10500.00	69.30	183.70	10369.16	-308.02	-19.91	308.66	12.00	
10525.00	72.30	183.70	10377.39	-331.57	-21.44	332.27	12.00	
10550.00	75.30	183.70	10384.36	-355.53	-22.99	356.27	12.00	
10575.00	78.30	183.70	10390.07	-379.81	-24.56	380.61	12.00	
10600.00	81.30	183.70	10394.50	-404.36	-26.14	405.21	12.00	
10625.00	84.30	183.70	10397.64	-429.11	-27.74	430.01	12.00	
10650.00	87.30	183.70	10399.47	-453.99	-29.35	454.94	12.00	
10672.54	90.00	183.70	10400.00	-476.47	-30.80	477.46	12.00	2ND BONE SPRING TARGET
14829.53	90.00	183.70	10400.00	-4624.80	-299.00	4634.46	0.00	EOL

Lotus ALT State #16H



Lotus ALT State #16H 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. 10,673' MD (10400' TVD) where 7" 26# casing will then be set at and cemented to surface with approx. 865sx. TOC=0' 35% excess

Production: Production hole will be drilled with a 6 1/8" hole to 14830' MD (10364' TVD) where 4 ½" 11.6# casing will be run from TD to a liner hanger at approx. 10,500'. Casing will be cemented to the top of liner hanger with approx. 300sx with 35% excess.