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State of New Mexico
Energy, Minerals and Natural Resources Department

HOBBS OCD

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

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

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 70-025-43314	Pool Code 53800	Pool Name SHAD DUNE Bone Spring
Property Code	Property Name LOTUS ALT STATE	Well Number 15H
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3565

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/NORTH LINE	Feet from the	East/West line	County
B	32	22 S	32 E		240	NORTH	1920	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
O	32	22 S	32 E		330	SOUTH	1980	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) SURFACE LOCATION Lat - N 32°21'16.81" Long - W 103°41'39.82" NADSPCE- N 493345.7 E 738631.4 (NAD-83) Project Area Producing Area Penetration Point: ● 717' FNL and 1923' FEL Section 32, T22S-R32E BOTTOM HOLE LOCATION Lat - N 32°20'30.19" Long - W 103°41'40.47" NADSPCE- N 488634.1 E 738603.5 (NAD-83) N: 488272.0 E: 735301.4 (NAD 83)	N: 493578.4 E: 737906.7 (NAD 83) S.L. N: 493591.7 E: 739227.3 (NAD 83) 1920' N: 493605.0 E: 740547.8 (NAD 83) 240' 1980' B.H. N: 488310.5 E: 739262.5 (NAD 83) N: 488323.3 E: 740583.0 (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>Cy Cowan</i> 6/23/16 Signature Date Cy Cowan Printed Name 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. OCTOBER 09 2015 Date Surveyed Gary Lopez 7977 Signature & Seal of Professional Surveyor Certificate No. 7977 BASIC SURVEYS 0' 500' 1000' 1500' 2000' SCALE: 1" = 1000' WO Num.: 31983
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Well Name: Lotus ALT State #15H

Tgt N/-S: -4711.60

EOC TVD/MD: 10378.00 / 10650.54

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

Tgt E/-W: -27.90

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

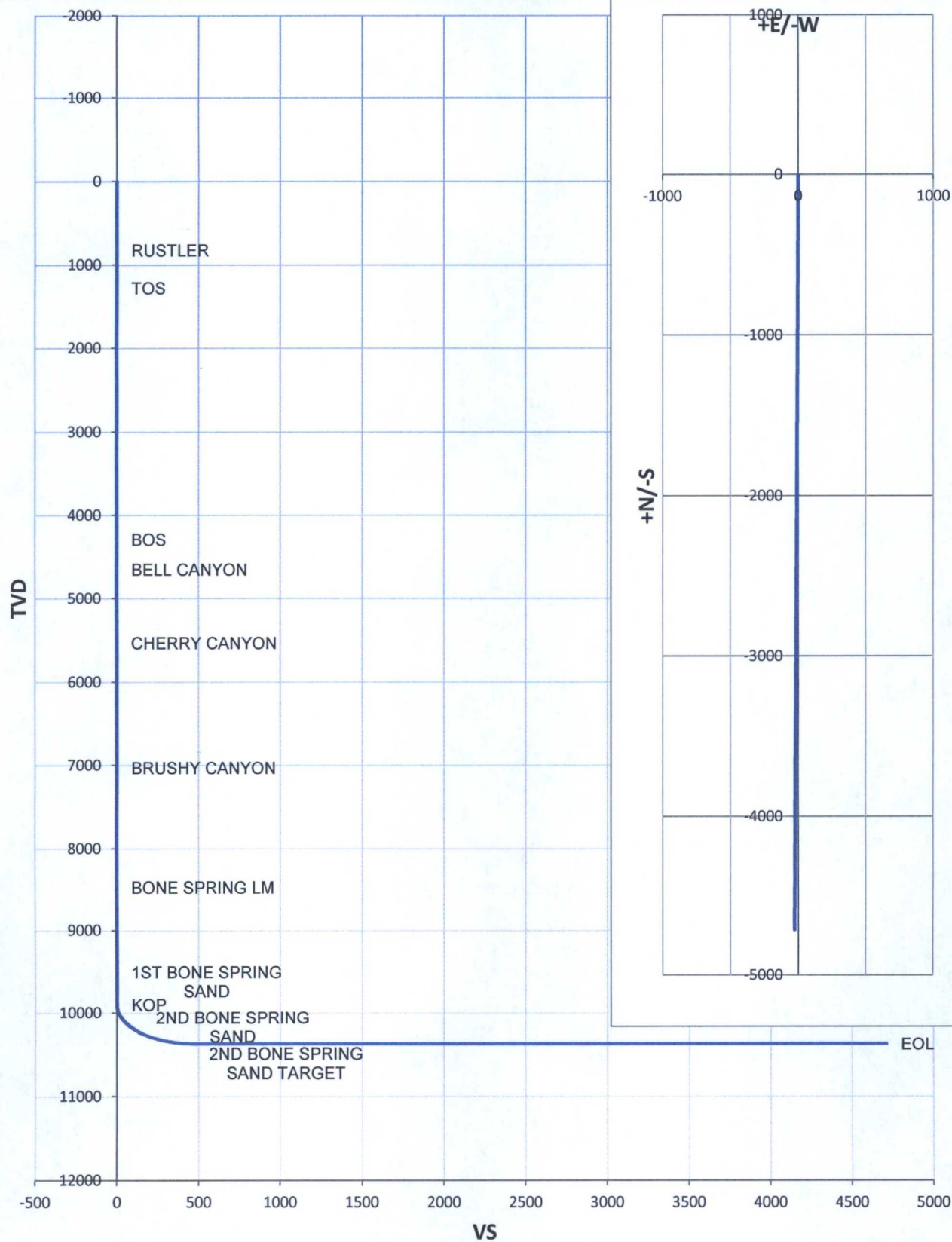
VS: 4711.68

VS Az: 180.34

EOL TVD/MD: 10378.00 / 14884.75

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
9620.00	0.00	0.00	9620.00	0.00	0.00	0.00	0.00	1ST BONE SPRING SAND
9900.54	0.00	0.00	9900.54	0.00	0.00	0.00	0.00	KOP
9925.00	2.94	180.34	9924.99	-0.63	0.00	0.63	12.00	
9950.00	5.94	180.34	9949.91	-2.56	-0.02	2.56	12.00	
9975.00	8.94	180.34	9974.70	-5.79	-0.03	5.79	12.00	
10000.00	11.94	180.34	9999.28	-10.32	-0.06	10.32	12.00	
10025.00	14.94	180.34	10023.60	-16.13	-0.10	16.13	12.00	
10050.00	17.94	180.34	10047.57	-23.20	-0.14	23.20	12.00	
10075.00	20.94	180.34	10071.14	-31.52	-0.19	31.52	12.00	
10100.00	23.94	180.34	10094.25	-41.06	-0.24	41.06	12.00	
10125.00	26.94	180.34	10116.82	-51.80	-0.31	51.80	12.00	
10150.00	29.94	180.34	10138.80	-63.70	-0.38	63.70	12.00	
10175.00	32.94	180.34	10160.13	-76.74	-0.45	76.74	12.00	
10200.00	35.94	180.34	10180.75	-90.87	-0.54	90.87	12.00	
10225.00	38.94	180.34	10200.60	-106.07	-0.63	106.07	12.00	
10250.00	41.94	180.34	10219.62	-122.28	-0.72	122.28	12.00	
10275.00	44.94	180.34	10237.78	-139.47	-0.83	139.47	12.00	
10300.00	47.94	180.34	10255.00	-157.58	-0.93	157.58	12.00	
10319.86	50.32	180.34	10268.00	-172.60	-1.02	172.60	12.00	2ND BONE SPRING SAND
10325.00	50.94	180.34	10271.26	-176.57	-1.05	176.57	12.00	
10350.00	53.94	180.34	10286.50	-196.38	-1.16	196.39	12.00	
10375.00	56.94	180.34	10300.68	-216.97	-1.28	216.97	12.00	
10400.00	59.94	180.34	10313.76	-238.26	-1.41	238.27	12.00	
10425.00	62.94	180.34	10325.72	-260.22	-1.54	260.22	12.00	
10450.00	65.94	180.34	10336.50	-282.77	-1.67	282.77	12.00	
10475.00	68.94	180.34	10346.09	-305.85	-1.81	305.86	12.00	
10500.00	71.94	180.34	10354.47	-329.41	-1.95	329.41	12.00	
10525.00	74.94	180.34	10361.59	-353.36	-2.09	353.37	12.00	
10550.00	77.94	180.34	10367.45	-377.66	-2.24	377.67	12.00	
10575.00	80.94	180.34	10372.04	-402.24	-2.38	402.24	12.00	
10600.00	83.94	180.34	10375.33	-427.02	-2.53	427.02	12.00	
10625.00	86.94	180.34	10377.32	-451.93	-2.68	451.94	12.00	
10650.00	89.94	180.34	10378.00	-476.92	-2.82	476.93	12.00	
10650.54	90.00	180.34	10378.00	-477.46	-2.83	477.46	12.00	2ND BONE SPRING SAND TARGET
14884.75	90.00	180.34	10378.00	-4711.60	-27.90	4711.68	0.00	EOL

Lotus ALT State #15H



Lotus ALT State #15H 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. 10,651' MD (10378' TVD) where 7" 26# casing will then be set at and cemented to surface with approx. 845sx. TOC=0' 35% excess

Production: Production hole will be drilled with a 6 1/8" hole to 14885' MD (10378' 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. 305sx with 35% excess.

Lotus ALT State #15H APD Comments

Samples:

10' samples surface to TD.

Logging:

CNL/LDT/NGT-Curve to Intermediate Casing.

CNL/GR-Curve to Surface Casing.

DLL/MSFL-Curve to Intermediate Casing.

Horizontal-MWD-GR.

H2s is not anticipated.

This well will be drilled vertically to 9901'. Well will then be kicked off at approximately 9901' and directionally drilled at 12 degree per 100' with an 8 3/4" hole to 10651' MD (10378' TVD). Hole size will then be reduced to 8 1/2" and drilled to 14885' MD (10378' TVD) where 5 1/2" casing will be set and cemented 500' into the previous casing string.

Penetration Point of the producing zone will be encountered at 717' FNL and 1923' FEL of Section 33, T22S-R32E. The deepest TVD in 10378' in the lateral.

Please note attached C-102, Drilling Plan, and Drilling Contingency Plan.