

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210
Phone (505) 748-1283 Fax: (505) 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

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

RECEIVED

SEP 06 2013

MOCD ARTESIA

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30015-41748	Pool Code 96415	Pool Name Willow Lake; B.S. West Undesignated 2nd Bone Spring
Property Code 40106	Property Name FONSECA BTD STATE COM	Well Number 1H
OGRID No. 025575	Operator Name YATES PETROLEUM CORP.	Elevation 3137'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	24 S	27 E		860	NORTH	2310	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	24 S	27 E		660	NORTH	330	WEST	EDDY

Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.
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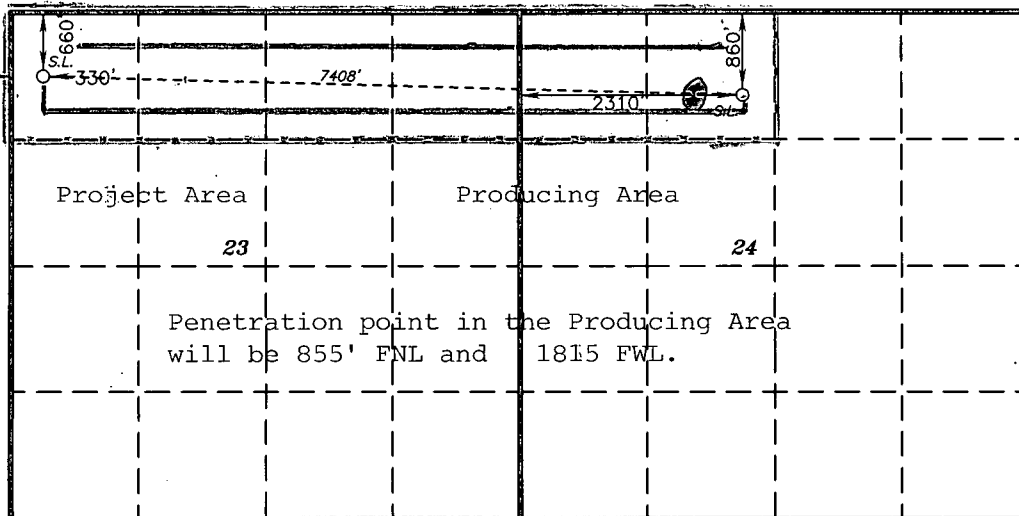
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

PROPOSED BOTTOM
HOLE LOCATION

Lat - N 32°12'28.98"
Long - W 104°10'07.99"
NMSPCE- N 439459.66
E 592201.24
(NAD-83)

SURFACE LOCATION

Lat - N 32°12'28.19"
Long - W 104°08'43.37"
NMSPCE- N 439391.60
E 599471.34
(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.

Cy Cowan 9/3/13
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 knowledge.

GARY L. JONES
Date Surveyed
Signature of Seal of Professional Surveyor
GARY L. JONES
NEW MEXICO
2013
7977
PROFESSIONAL LAND SURVEYOR

W.O. No. 28390

Certificate No. Gary L. Jones 7977

BASIN SURVEYS 28390

Well Name: Fonseca BTD State Com. #1H			Tgt N-S: 68.06	EOC TVD/MD: 7859.31 / 8149.22	
Surface Location: Section 24 , Township 24S Range 27E			Tgt E-W: -7270.10		
Bottom Hole Location: Section 23 , Township 24S Range 27E			VS: 7270.42		
			VS Az: 270.54	EOL TVD/MD: 7617.00 / 14925.11	

MD	Inc	AZI	TVD	ΔN/S	ΔE/W	VS	DLS	Comments
0	0	0	0	0	0	0	0	
817.00	0.00	0.00	817.00	0.00	0.00	0.00	0.00	CASTILLE
1792.00	0.00	0.00	1792.00	0.00	0.00	0.00	0.00	TOS
2277.00	0.00	0.00	2277.00	0.00	0.00	0.00	0.00	BOS
2492.00	0.00	0.00	2492.00	0.00	0.00	0.00	0.00	LAMAR
2537.00	0.00	0.00	2537.00	0.00	0.00	0.00	0.00	BELL CANYON
3372.00	0.00	0.00	3372.00	0.00	0.00	0.00	0.00	CHERRY CANYON
4467.00	0.00	0.00	4467.00	0.00	0.00	0.00	0.00	BRUSHY CANYON
5972.00	0.00	0.00	5972.00	0.00	0.00	0.00	0.00	BONE SPRINGS
6172.00	0.00	0.00	6172.00	0.00	0.00	0.00	0.00	AVALON
7012.00	0.00	0.00	7012.00	0.00	0.00	0.00	0.00	1ST BONE SPRINGS
7382.16	0.00	0.00	7382.16	0.00	0.00	0.00	0.00	KOP
7400.00	2.14	270.54	7400.00	0.00	-0.33	0.33	12.00	
7425.00	5.14	270.54	7424.94	0.02	-1.92	1.92	12.00	
7450.00	8.14	270.54	7449.77	0.05	-4.81	4.81	12.00	
7475.00	11.14	270.54	7474.42	0.08	-9.00	9.00	12.00	
7500.00	14.14	270.54	7498.81	0.14	-14.47	14.47	12.00	
7525.00	17.14	270.54	7522.88	0.20	-21.21	21.21	12.00	
7550.00	20.14	270.54	7546.56	0.27	-29.20	29.20	12.00	
7575.00	23.14	270.54	7569.80	0.36	-38.42	38.42	12.00	
7600.00	26.14	270.54	7592.52	0.46	-48.84	48.84	12.00	
7625.00	29.14	270.54	7614.66	0.57	-60.43	60.44	12.00	
7650.00	32.14	270.54	7636.17	0.69	-73.17	73.18	12.00	
7675.00	35.14	270.54	7656.98	0.81	-87.02	87.03	12.00	
7700.00	38.14	270.54	7677.04	0.95	-101.94	101.94	12.00	
7725.00	41.14	270.54	7696.29	1.10	-117.89	117.89	12.00	
7750.00	44.14	270.54	7714.68	1.26	-134.82	134.82	12.00	
7753.24	44.53	270.54	7717.00	1.28	-137.07	137.08	12.00	2ND BONE SPRINGS
7775.00	47.14	270.54	7732.15	1.43	-152.69	152.70	12.00	
7800.00	50.14	270.54	7748.67	1.61	-171.45	171.46	12.00	
7825.00	53.14	270.54	7764.18	1.79	-191.05	191.06	12.00	
7850.00	56.14	270.54	7778.65	1.98	-211.44	211.45	12.00	
7875.00	59.14	270.54	7792.03	2.18	-232.55	232.56	12.00	
7900.00	62.14	270.54	7804.28	2.38	-254.34	254.35	12.00	
7925.00	65.14	270.54	7815.38	2.59	-276.74	276.75	12.00	
7950.00	68.14	270.54	7825.29	2.81	-299.68	299.70	12.00	
7975.00	71.14	270.54	7833.99	3.02	-323.12	323.13	12.00	
8000.00	74.14	270.54	7841.45	3.25	-346.98	346.99	12.00	
8025.00	77.14	270.54	7847.65	3.47	-371.19	371.21	12.00	
8050.00	80.14	270.54	7852.57	3.70	-395.70	395.71	12.00	
8075.00	83.14	270.54	7856.20	3.94	-420.43	420.45	12.00	
8100.00	86.14	270.54	7858.54	4.17	-445.31	445.33	12.00	
8125.00	89.14	270.54	7859.57	4.40	-470.29	470.31	12.00	
8149.22	92.05	270.54	7859.31	4.63	-494.51	494.53	12.00	2ND BONE SPRINGS TARGET (EOC)
14925.11	92.05	270.54	7617.00	68.06	-7270.10	7270.42	0.00	LATERAL TD (EOL)

Fonseca BTM State Com. #1H

