

ARTESIA DISTRICT

Revised August 1, 2011

District Office

~~AMENDED REPORT~~

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District II
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District III
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44566	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 320063	⁵ Property Name MARINER FEE 23-28-20 WA	⁶ Well Number 14H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3075

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	20	T23S	R28E		233	SOUTH	1382	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
C	20	T23S	R28E		330	NORTH	1650	WEST	EDDY

¹² Dedicated Acres 320.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

SECTION 18 SECTION 19		SECTION 17 SECTION 20 SECTION 21	SECTION 16 SECTION 21	
CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 472218.86' / X: 607832.81' B - Y: 472209.54' / X: 610472.79' C - Y: 466874.52' / X: 610493.37' D - Y: 466867.47' / X: 607843.83'		LAST TAKE POINT/BOTTOM HOLE LOCATION 330' FNL 1650' FVL NAD 83, SPCS NM EAST X: 609483.78' / Y: 471883.03' LAT: 32.29708732N / LON: 104.11278428W NAD 27, SPCS NM EAST X: 568301.18' / Y: 471823.93' LAT: 32.29696701N / LON: 104.11228803W	FIRST TAKE POINT 330' FSL 1654' FVL NAD 83, SPCS NM EAST X: 609497.62' / Y: 467201.87' LAT: 32.28421942N / LON: 104.11277065W NAD 27, SPCS NM EAST X: 568314.90' / Y: 467142.89' LAT: 32.2840999N / LON: 104.11227483W	SURFACE HOLE LOCATION 233' FSL 1382' FVL NAD 83, SPCS NM EAST X: 609224.98' / Y: 467104.06' LAT: 32.28395209N / LON: 104.11365354W NAD 27, SPCS NM EAST X: 568042.27' / Y: 467045.09' LAT: 32.28383169N / LON: 104.11315769W
SECTION 19 SECTION 30		SECTION 20 SECTION 29	SECTION 21 SECTION 28	

17 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

02/16/2018

Date

Melissa Szudera
Printed Name

mszudera@marathonoil.com
E-mail Address

18 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.

FEBRUARY 12, 2018

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number

LLOYD P. SHORT

1	2/12/2018	DEF
REV.	DATE	BY



OH
PLAN #1
H&P L98
WA #171H

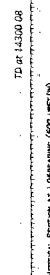
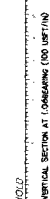
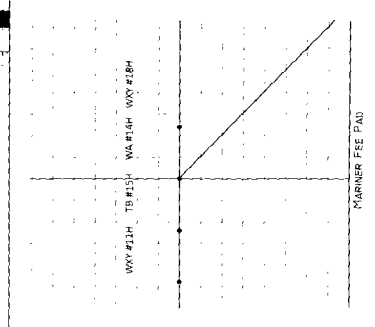
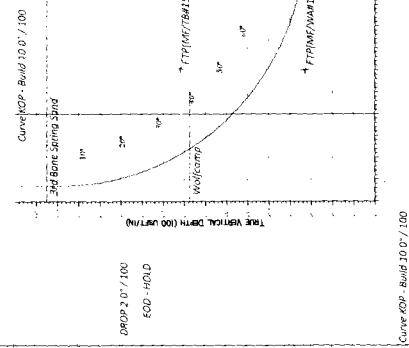
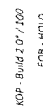
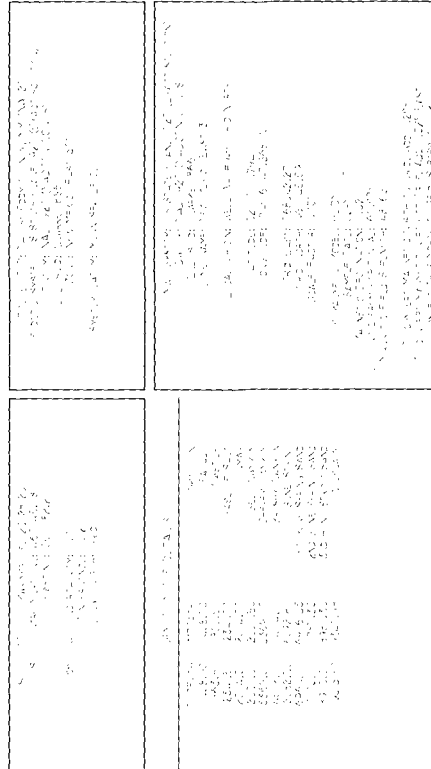
	+N/-S	+E/-W	Northing	Easting	Ground Level:	Latitude	Longitude
	0.00	0.00	457045.09	568042.27	3075.00	32° 17' 1.794 N	104° 6' 47.368 W

[illegible]

Name	TVD	+N/-S	+E/-W	Northing	Easting
BHLMFWNA#14H]	9587.00	4779.25	258.93	471823.93	568301.18
ETPMFWNA#14H]	9587.00	97.81	172.65	467142.89	568214.91

DRILLING TARGET: 9587' TVD @ CVS // 90.0° / 103

TARGET WINDOW: 5:00 PM 11:55 DOWN

[illegible]

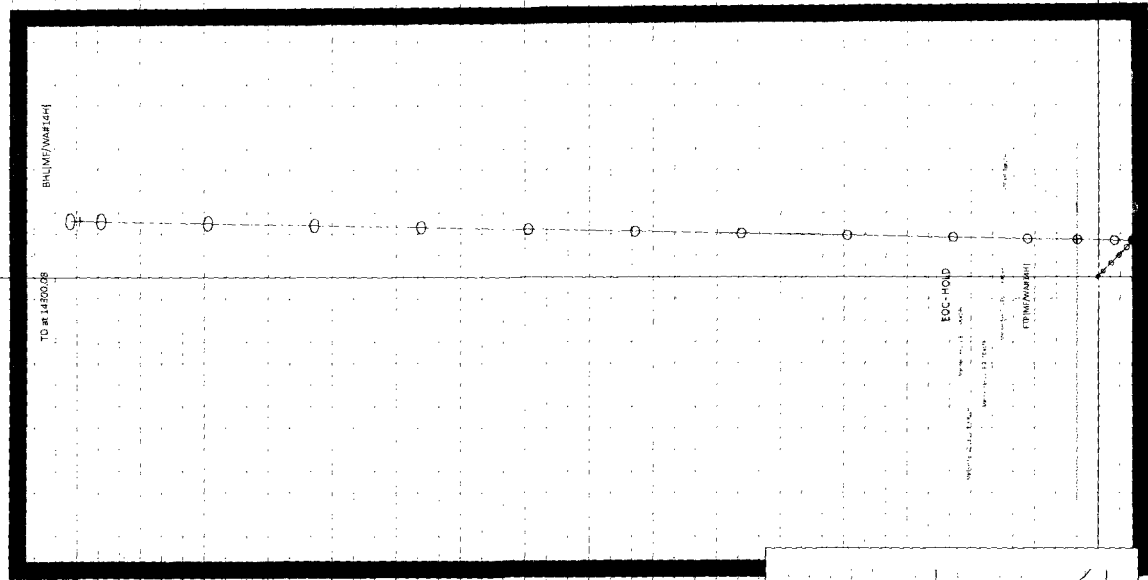
1. *Introduction* 2. *Background* 3. *Method* 4. *Results* 5. *Discussion* 6. *Conclusion* 7. *References* 8. *Appendix* 9. *Tables* 10. *Figures* 11. *Supplementary Materials* 12. *Notes* 13. *References* 14. *Appendix* 15. *Tables* 16. *Figures* 17. *Supplementary Materials* 18. *Notes* 19. *References* 20. *Appendix* 21. *Tables* 22. *Figures* 23. *Supplementary Materials* 24. *Notes* 25. *References* 26. *Appendix* 27. *Tables* 28. *Figures* 29. *Supplementary Materials* 30. *Notes* 31. *References* 32. *Appendix* 33. *Tables* 34. *Figures* 35. *Supplementary Materials* 36. *Notes* 37. *References* 38. *Appendix* 39. *Tables* 40. *Figures* 41. *Supplementary Materials* 42. *Notes* 43. *References* 44. *Appendix* 45. *Tables* 46. *Figures* 47. *Supplementary Materials* 48. *Notes* 49. *References* 50. *Appendix* 51. *Tables* 52. *Figures* 53. *Supplementary Materials* 54. *Notes* 55. *References* 56. *Appendix* 57. *Tables* 58. *Figures* 59. *Supplementary Materials* 60. *Notes* 61. *References* 62. *Appendix* 63. *Tables* 64. *Figures* 65. *Supplementary Materials* 66. *Notes* 67. *References* 68. *Appendix* 69. *Tables* 70. *Figures* 71. *Supplementary Materials* 72. *Notes* 73. *References* 74. *Appendix* 75. *Tables* 76. *Figures* 77. *Supplementary Materials* 78. *Notes* 79. *References* 80. *Appendix* 81. *Tables* 82. *Figures* 83. *Supplementary Materials* 84. *Notes* 85. *References* 86. *Appendix* 87. *Tables* 88. *Figures* 89. *Supplementary Materials* 90. *Notes* 91. *References* 92. *Appendix* 93. *Tables* 94. *Figures* 95. *Supplementary Materials* 96. *Notes* 97. *References* 98. *Appendix* 99. *Tables* 100. *Figures* 101. *Supplementary Materials* 102. *Notes* 103. *References* 104. *Appendix* 105. *Tables* 106. *Figures* 107. *Supplementary Materials* 108. *Notes* 109. *References* 110. *Appendix* 111. *Tables* 112. *Figures* 113. *Supplementary Materials* 114. *Notes* 115. *References* 116. *Appendix* 117. *Tables* 118. *Figures* 119. *Supplementary Materials* 120. *Notes* 121. *References* 122. *Appendix* 123. *Tables* 124. *Figures* 125. *Supplementary Materials* 126. *Notes* 127. *References* 128. *Appendix* 129. *Tables* 130. *Figures* 131. *Supplementary Materials* 132. *Notes* 133. *References* 134. *Appendix* 135. *Tables* 136. *Figures* 137. *Supplementary Materials* 138. *Notes* 139. *References* 140. *Appendix* 141. *Tables* 142. *Figures* 143. *Supplementary Materials* 144. *Notes* 145. *References* 146. *Appendix* 147. *Tables* 148. *Figures* 149. *Supplementary Materials* 150. *Notes* 151. *References* 152. *Appendix* 153. *Tables* 154. *Figures* 155. *Supplementary Materials* 156. *Notes* 157. *References* 158. *Appendix* 159. *Tables* 160. *Figures* 161. *Supplementary Materials* 162. *Notes* 163. *References* 164. *Appendix* 165. *Tables* 166. *Figures* 167. *Supplementary Materials* 168. *Notes* 169. *References* 170. *Appendix* 171. *Tables* 172. *Figures* 173. *Supplementary Materials* 174. *Notes* 175. *References* 176. *Appendix* 177. *Tables* 178. *Figures* 179. *Supplementary Materials* 180. *Notes* 181. *References* 182. *Appendix* 183. *Tables* 184. *Figures* 185. *Supplementary Materials* 186. *Notes* 187. *References* 188. *Appendix* 189. *Tables* 190. *Figures* 191. *Supplementary Materials* 192. *Notes* 193. *References* 194. *Appendix* 195. *Tables* 196. *Figures* 197. *Supplementary Materials* 198. *Notes* 199. *References* 200. *Appendix* 201. *Tables* 202. *Figures* 203. *Supplementary Materials* 204. *Notes* 205. *References* 206. *Appendix* 207. *Tables* 208. *Figures* 209. *Supplementary Materials* 210. *Notes* 211. *References* 212. *Appendix* 213. *Tables* 214. *Figures* 215. *Supplementary Materials* 216. *Notes* 217. *References* 218. *Appendix* 219. *Tables* 220. *Figures* 221. *Supplementary Materials* 222. *Notes* 223. *References* 224. *Appendix* 225. *Tables* 226. *Figures* 227. *Supplementary Materials* 228. *Notes* 229. *References* 230. *Appendix* 231. *Tables* 232. *Figures* 233. *Supplementary Materials* 234. *Notes* 235. *References* 236. *Appendix* 237. *Tables* 238. *Figures* 239. *Supplementary Materials* 240. *Notes* 241. *References* 242. *Appendix* 243. *Tables* 244. *Figures* 245. *Supplementary Materials* 246. *Notes* 247. *References* 248. *Appendix* 249. *Tables* 250. *Figures* 251. *Supplementary Materials* 252. *Notes* 253. *References* 254. *Appendix* 255. *Tables* 256. *Figures* 257. *Supplementary Materials* 258. *Notes* 259. *References* 260. *Appendix* 261. *Tables* 262. *Figures* 263. *Supplementary Materials* 264. *Notes* 265. *References* 266. *Appendix* 267. *Tables* 268. *Figures* 269. *Supplementary Materials* 270. *Notes* 271. *References* 272. *Appendix* 273. *Tables* 274. *Figures* 275. *Supplementary Materials* 276. *Notes* 277. *References* 278. *Appendix* 279. *Tables* 280. *Figures* 281. *Supplementary Materials* 282. *Notes* 283. *References* 284. *Appendix* 285. *Tables* 286. *Figures* 287. *Supplementary Materials* 288. *Notes* 289. *References* 290. *Appendix* 291. *Tables* 292. *Figures* 293. *Supplementary Materials* 294. *Notes* 295. *References* 296. *Appendix* 297. *Tables* 298. *Figures* 299. *Supplementary Materials* 300. *Notes* 301. *References* 302. *Appendix* 303. *Tables* 304. *Figures* 305. *Supplementary Materials* 306. *Notes* 307. *References* 308. *Appendix* 309. *Tables* 310. *Figures* 311. *Supplementary Materials* 312. *Notes* 313. *References* 314. *Appendix* 315. *Tables* 316. *Figures* 317. *Supplementary Materials* 318. *Notes* 319. *References* 320. *Appendix* 321. *Tables* 322. *Figures* 323. *Supplementary Materials* 324. *Notes* 325. *References* 326. *Appendix* 327. *Tables* 328. *Figures* 329. *Supplementary Materials* 330. *Notes* 331. *References* 332. *Appendix* 3

1. *Introduction* 2. *Background* 3. *Method* 4. *Results* 5. *Discussion* 6. *Conclusion* 7. *References* 8. *Appendix* 9. *Index* 10. *Table of Contents*



Azimuths to Grid North
 True North: -0.12°
 Magnetic North: 7.20°

Magnetic Field
 Strength: 48065.8 nT
 Dip Angle: 60.07°
 Date: 11/3/2017
 Model: HDGM

 $\text{OP-8 build } 2.0^{\circ} / 100$

	4	3	2	1	0
a	0	0	0	0	0
b	0	0	0	0	0
c	0	0	0	0	0
d	0	0	0	0	0
e	0	0	0	0	0
f	0	0	0	0	0
g	0	0	0	0	0
h	0	0	0	0	0
i	0	0	0	0	0
j	0	0	0	0	0
k	0	0	0	0	0
l	0	0	0	0	0
m	0	0	0	0	0
n	0	0	0	0	0
o	0	0	0	0	0
p	0	0	0	0	0
q	0	0	0	0	0
r	0	0	0	0	0
s	0	0	0	0	0
t	0	0	0	0	0
u	0	0	0	0	0
v	0	0	0	0	0
w	0	0	0	0	0
x	0	0	0	0	0
y	0	0	0	0	0
z	0	0	0	0	0

WEST(-)/EAST(+) (200 USFT/IN)