

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 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) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 243307

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address MARATHON OIL PERMIAN LLC 5555 San Felipe St. Houston, TX 77056		2. OGRID Number 372098
4. Property Code 319770		3. API Number 30-015-44492
5. Property Name RED LIGHT STATE COM 23 26 27 WXY		6. Well No. 018H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	27	23S	26E	A	302	N	704	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	34	23S	26E	H	2327	N	330	E	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3284
16. Multiple N	17. Proposed Depth 16121	18. Formation Wolfcamp	19. Contractor	20. Spud Date 10/23/2017
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	450	500	0
Int1	12.25	9.625	40	1900	600	0
Prod	8.75	7	29	9900	990	0
Liner1	6.125	4.5	13.5	16121	550	8200

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	Shaffer
Double Ram	5000	5000	Shaffer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Melissa Szudera	Approved By: Raymond Podany
Title: Regulatory Compliance Representative	Title: Geologist
Email Address: mszudera@marathonoil.com	Approved Date: 10/24/2017 Expiration Date: 10/24/2019
Date: 10/19/2017 Phone: 701-260-7272	Conditions of Approval Attached

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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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		¹ Pool Code		¹ Pool Name					
		98220		PURPLE SAGE; WOLFCAMP					
⁴ Property Code		⁵ Property Name						⁶ Well Number	
		RED LIGHT STATE COM 23 26 27 WXY						18H	
¹ OGRID No.		⁸ Operator Name						⁹ Elevation	
372098		MARATHON OIL PERMIAN, LLC						3284	
¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
A	27	T23S	R26E		302	NORTH	704	EAST	EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
H	34	T23S	R26E		2327	NORTH	330	EAST	EDDY
¹² Dedicated Acres		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			
480									

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 21 SURFACE HOLE LOCATION 282° FNL 704' FEL NAD 83, SPCS NM EAST X:559399.76 / Y:466288.13 LAT:32.26038457N / LON:104.27453827W NAD 83, SPCS NM EAST X:559327.80 / Y:466299.90 LAT:32.26076875N / LON:104.27462832W FIRST TAKE POINT 232° FNL 330' FEL NAD 83, SPCS NM EAST X:559380.72 / Y:466290.74 LAT:32.26031559N / LON:104.27330319W NAD 83, SPCS NM EAST X:559371.76 / Y:466290.70 LAT:32.26071378N / LON:104.27328889W SECTION 28 SECTION 27 SECTION 33 SECTION 34 SECTION 26 SECTION 35 SECTION 2 SECTION 3 SECTION 4 SECTION 5 SECTION 6 SECTION 7 SECTION 8 SECTION 9 SECTION 10 SECTION 11 SECTION 12 SECTION 13 SECTION 14 SECTION 15 SECTION 16 SECTION 17 SECTION 18 SECTION 19 SECTION 20 SECTION 21 SECTION 22 SECTION 23 SECTION 24 SECTION 25 SECTION 26 SECTION 27 SECTION 28 SECTION 29 SECTION 30 SECTION 31 SECTION 32 SECTION 33 SECTION 34 SECTION 35 SECTION 36 SECTION 37 SECTION 38 SECTION 39 SECTION 40 SECTION 41 SECTION 42 SECTION 43 SECTION 44 SECTION 45 SECTION 46 SECTION 47 SECTION 48 SECTION 49 SECTION 50 SECTION 51 SECTION 52 SECTION 53 SECTION 54 SECTION 55 SECTION 56 SECTION 57 SECTION 58 SECTION 59 SECTION 60 SECTION 61 SECTION 62 SECTION 63 SECTION 64 SECTION 65 SECTION 66 SECTION 67 SECTION 68 SECTION 69 SECTION 70 SECTION 71 SECTION 72 SECTION 73 SECTION 74 SECTION 75 SECTION 76 SECTION 77 SECTION 78 SECTION 79 SECTION 80 SECTION 81 SECTION 82 SECTION 83 SECTION 84 SECTION 85 SECTION 86 SECTION 87 SECTION 88 SECTION 89 SECTION 90 SECTION 91 SECTION 92 SECTION 93 SECTION 94 SECTION 95 SECTION 96 SECTION 97 SECTION 98 SECTION 99 SECTION 100 SECTION 101 SECTION 102 SECTION 103 SECTION 104 SECTION 105 SECTION 106 SECTION 107 SECTION 108 SECTION 109 SECTION 110 SECTION 111 SECTION 112 SECTION 113 SECTION 114 SECTION 115 SECTION 116 SECTION 117 SECTION 118 SECTION 119 SECTION 120 SECTION 121 SECTION 122 SECTION 123 SECTION 124 SECTION 125 SECTION 126 SECTION 127 SECTION 128 SECTION 129 SECTION 130 SECTION 131 SECTION 132 SECTION 133 SECTION 134 SECTION 135 SECTION 136 SECTION 137 SECTION 138 SECTION 139 SECTION 140 SECTION 141 SECTION 142 SECTION 143 SECTION 144 SECTION 145 SECTION 146 SECTION 147 SECTION 148 SECTION 149 SECTION 150 SECTION 151 SECTION 152 SECTION 153 SECTION 154 SECTION 155 SECTION 156 SECTION 157 SECTION 158 SECTION 159 SECTION 160 SECTION 161 SECTION 162 SECTION 163 SECTION 164 SECTION 165 SECTION 166 SECTION 167 SECTION 168 SECTION 169 SECTION 170 SECTION 171 SECTION 172 SECTION 173 SECTION 174 SECTION 175 SECTION 176 SECTION 177 SECTION 178 SECTION 179 SECTION 180 SECTION 181 SECTION 182 SECTION 183 SECTION 184 SECTION 185 SECTION 186 SECTION 187 SECTION 188 SECTION 189 SECTION 190 SECTION 191 SECTION 192 SECTION 193 SECTION 194 SECTION 195 SECTION 196 SECTION 197 SECTION 198 SECTION 199 SECTION 200 SECTION 201 SECTION 202 SECTION 203 SECTION 204 SECTION 205 SECTION 206 SECTION 207 SECTION 208 SECTION 209 SECTION 210 SECTION 211 SECTION 212 SECTION 213 SECTION 214 SECTION 215 SECTION 216 SECTION 217 SECTION 218 SECTION 219 SECTION 220 SECTION 221 SECTION 222 SECTION 223 SECTION 224 SECTION 225 SECTION 226 SECTION 227 SECTION 228 SECTION 229 SECTION 230 SECTION 231 SECTION 232 SECTION 233 SECTION 234 SECTION 235 SECTION 236 SECTION 237 SECTION 238 SECTION 239 SECTION 240 SECTION 241 SECTION 242 SECTION 243 SECTION 244 SECTION 245 SECTION 246 SECTION 247 SECTION 248 SECTION 249 SECTION 250 SECTION 251 SECTION 252 SECTION 253 SECTION 254 SECTION 255 SECTION 256 SECTION 257 SECTION 258 SECTION 259 SECTION 260 SECTION 261 SECTION 262 SECTION 263 SECTION 264 SECTION 265 SECTION 266 SECTION 267 SECTION 268 SECTION 269 SECTION 270 SECTION 271 SECTION 272 SECTION 273 SECTION 274 SECTION 275 SECTION 276 SECTION 277 SECTION 278 SECTION 279 SECTION 280 SECTION 281 SECTION 282 SECTION 283 SECTION 284 SECTION 285 SECTION 286 SECTION 287 SECTION 288 SECTION 289 SECTION 290 SECTION 291 SECTION 292 SECTION 293 SECTION 294 SECTION 295 SECTION 296 SECTION 297 SECTION 298 SECTION 299 SECTION 300 SECTION 301 SECTION 302 SECTION 303 SECTION 304 SECTION 305 SECTION 306 SECTION 307 SECTION 308 SECTION 309 SECTION 310 SECTION 311 SECTION 312 SECTION 313 SECTION 314 SECTION 315 SECTION 316 SECTION 317 SECTION 318 SECTION 319 SECTION 320 SECTION 321 SECTION 322 SECTION 323 SECTION 324 SECTION 325 SECTION 326 SECTION 327 SECTION 328 SECTION 329 SECTION 330 SECTION 331 SECTION 332 SECTION 333 SECTION 334 SECTION 335 SECTION 336 SECTION 337 SECTION 338 SECTION 339 SECTION 340 SECTION 341 SECTION 342 SECTION 343 SECTION 344 SECTION 345 SECTION 346 SECTION 347 SECTION 348 SECTION 349 SECTION 350 SECTION 351 SECTION 352 SECTION 353 SECTION 354 SECTION 355 SECTION 356 SECTION 357 SECTION 358 SECTION 359 SECTION 360 SECTION 361 SECTION 362 SECTION 363 SECTION 364 SECTION 365 SECTION 366 SECTION 367 SECTION 368 SECTION 369 SECTION 370 SECTION 371 SECTION 372 SECTION 373 SECTION 374 SECTION 375 SECTION 376 SECTION 377 SECTION 378 SECTION 379 SECTION 380 SECTION 381 SECTION 382 SECTION 383 SECTION 384 SECTION 385 SECTION 386 SECTION 387 SECTION 388 SECTION 389 SECTION 390 SECTION 391 SECTION 392 SECTION 393 SECTION 394 SECTION 395 SECTION 396 SECTION 397 SECTION 398 SECTION 399 SECTION 400 SECTION 401 SECTION 402 SECTION 403 SECTION 404 SECTION 405 SECTION 406 SECTION 407 SECTION 408 SECTION 409 SECTION 410 SECTION 411 SECTION 412 SECTION 413 SECTION 414 SECTION 415 SECTION 416 SECTION 417 SECTION 418 SECTION 419 SECTION 420 SECTION 421 SECTION 422 SECTION 423 SECTION 424 SECTION 425 SECTION 426 SECTION 427 SECTION 428 SECTION 429 SECTION 430 SECTION 431 SECTION 432 SECTION 433 SECTION 434 SECTION 435 SECTION 436 SECTION 437 SECTION 438 SECTION 439 SECTION 440 SECTION 441 SECTION 442 SECTION 443 SECTION 444 SECTION 445 SECTION 446 SECTION 447 SECTION 448 SECTION 449 SECTION 450 SECTION 451 SECTION 452 SECTION 453 SECTION 454 SECTION 455 SECTION 456 SECTION 457 SECTION 458 SECTION 459 SECTION 460 SECTION 461 SECTION 462 SECTION 463 SECTION 464 SECTION 465 SECTION 466 SECTION 467 SECTION 468 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SECTION 552 SECTION 553 SECTION 554 SECTION 555 SECTION 556 SECTION 557 SECTION 558 SECTION 559 SECTION 560 SECTION 561 SECTION 562 SECTION 563 SECTION 564 SECTION 565 SECTION 566 SECTION 567 SECTION 568 SECTION 569 SECTION 570 SECTION 571 SECTION 572 SECTION 573 SECTION 574 SECTION 575 SECTION 576 SECTION 577 SECTION 578 SECTION 579 SECTION 580 SECTION 581 SECTION 582 SECTION 583 SECTION 584 SECTION 585 SECTION 586 SECTION 587 SECTION 588 SECTION 589 SECTION 590 SECTION 591 SECTION 592 SECTION 593 SECTION 594 SECTION 595 SECTION 596 SECTION 597 SECTION 598 SECTION 599 SECTION 600 SECTION 601 SECTION 602 SECTION 603 SECTION 604 SECTION 605 SECTION 606 SECTION 607 SECTION 608 SECTION 609 SECTION 610 SECTION 611 SECTION 612 SECTION 613 SECTION 614 SECTION 615 SECTION 616 SECTION 617 SECTION 618 SECTION 619 SECTION 620 SECTION 621 SECTION 622 SECTION 623 SECTION 624 SECTION 625 SECTION 626 SECTION 627 SECTION 628 SECTION 629 SECTION 630 SECTION 631 SECTION 632 SECTION 633 SECTION 634 SECTION 635 SECTION 636 SECTION 637 SECTION 638 SECTION 639 SECTION 640 SECTION 641 SECTION 642 SECTION 643 SECTION 644 SECTION 645 SECTION 646 SECTION 647 SECTION 648 SECTION 649 SECTION 650 SECTION 651 SECTION 652 SECTION 653 SECTION 654 SECTION 655 SECTION 656 SECTION 657 SECTION 658 SECTION 659 SECTION 660 SECTION 661 SECTION 662 SECTION 663 SECTION 664 SECTION 665 SECTION 666 SECTION 667 SECTION 668 SECTION 669 SECTION 670 SECTION 671 SECTION 672 SECTION 673 SECTION 674 SECTION 675 SECTION 676 SECTION 677 SECTION 678 SECTION 679 SECTION 680 SECTION 681 SECTION 682 SECTION 683 SECTION 684 SECTION 685 SECTION 686 SECTION 687 SECTION 688 SECTION 689 SECTION 690 SECTION 691 SECTION 692 SECTION 693 SECTION 694 SECTION 695 SECTION 696 SECTION 697 SECTION 698 SECTION 699 SECTION 700 SECTION 701 SECTION 702 SECTION 703			
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Form APD Comments

Permit 243307

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056	API Number: 30-015-44492
	Well: RED LIGHT STATE COM 23 26 27 WXY #018H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 243307

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44492
		Well: RED LIGHT STATE COM 23 26 27 WXY #018H
OCD Reviewer	Condition	
RPodany	Will require administrative order for non-standard spacing unit	
RPodany	Will require a directional survey with the C-104	
RPodany	Cement is required to circulate on both surface and intermediate1 strings of casing	