

Submit Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

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

Form C-103  
Revised July 18, 2013

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-44380
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Marathon Oil Permian LLC		6. State Oil & Gas Lease No.
3. Address of Operator 5555 San Felipe St., Houston, TX 77056		7. Lease Name or Unit Agreement Name Cypress Fee 23 27 9
4. Well Location Unit Letter <u>L</u> : <u>2118</u> feet from the <u>South</u> line and <u>328</u> feet from the <u>West</u> line Section <u>9</u> Township <u>23S</u> Range <u>27E</u> NMPM County <u>Eddy</u>		8. Well Number <u>8H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3,164' GR</u>		9. OGRID Number 372098
		10. Pool name or Wildcat Purple Sage; Wolfcamp

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: ☒ COMPLETIONS

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Started Frac Prep operations on 01/20/18 Completed well with hydraulic fracturing treatment and Plug and Perf operations. Total interval from 9,229'-13,647' for a total of 894 shots. Turn well to flowback on 03/31/18. Tubing pressure to 610 psi and Casing Pressure to 10 psi on 4/13/2018.

RECEIVED

MAY 07 2018

Spud Date:

9/26/2017

Rig Release Date:

12/24/2017

DISTRICT II-ARTESIA O.C.D.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE



TITLE Environmental Engineer

DATE 4/16/2018

Type or print name

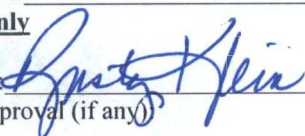
Adrian Covarrubias

E-mail address: acovarrubias@marathonoil.com

PHONE: 713-296-3368

For State Use Only

APPROVED BY:



TITLE

Business Ops Spec A

DATE

5-14-2018

Conditions of Approval (if any)

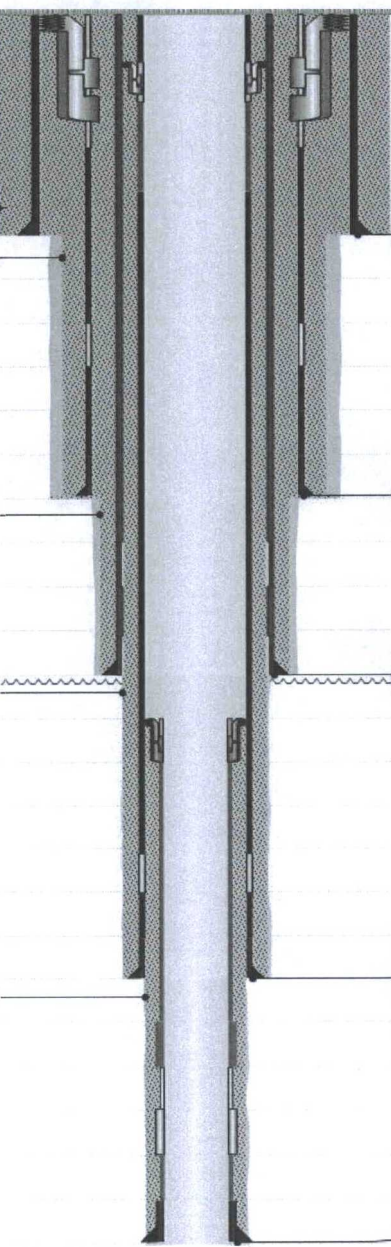


## Wellbore Schematic

**Well Name: CYPRESS FEE 23 27 9 8H**

State/Province <b>NEW MEXICO</b>	Prospect Area <b>MALAGA</b>	Field Name <b>PURPLE SAGE</b>	Well Subtype	Lat/Long Datum <b>NAD27</b>	Latitude (") <b>32.317900</b>	Longitude (") <b>-104.202151</b>
Well Configuration Type <b>HORIZONTAL</b>	Well Objective <b>EXPLOITATION</b>	Well Status <b>PRODUCING</b>	Ground Elevation (ft) <b>3,164.00</b>	KB-Ground Distance (ft) <b>26.50</b>		

### HORIZONTAL - CYPRESS FEE 23 27 9 8H, 4/17/2018 9:59:30 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)	
-5.2	-5.2	0.6		
-4.9	-4.9	0.6		
-4.6	-4.6	0.6		
26.6	26.6	0.6		
28.2	28.2	0.6		
29.9	29.9	0.6	Des: Conductor Cement; Depth MD:26.5-146.5 ftKB; Date:9/1/2017 Des: Surface Casing Cement; Depth MD:26.5-473.0 ftKB; Date:9/27/2017	
31.5	31.5	0.6		
49.9	49.9	0.6		
146.7	146.7	0.6		
344.8	344.8	2.0		
386.7	386.7	1.8	Des: Intermediate Casing Cement ; Depth MD:26.5-1,927.0 ftKB; Date:10/4/2017	
388.4	388.4	1.8		
429.4	429.4	1.2		
471.3	471.3	0.8		
473.0	473.0	0.8		
1,839.0	1,839.0	2.5	Des: Intermediate Casing Cement; Depth MD:26.5-9,123.0 ftKB; Date:12/17/2017	
1,840.3	1,840.3	2.5		
1,924.2	1,924.2	3.1		
1,925.8	1,925.8	3.1		
8,434.8	8,434.8	0.5		
8,461.7	8,461.7	1.0	Des: Liner Cement; Depth MD:8,458.0-13,723.0 ftKB; Date:12/23/2017	
8,928.3	8,928.3	54.7		
8,928.5	8,928.5	54.7		
8,929.3	8,929.3	54.8		
8,977.4	8,977.4	63.3		
8,978.2	8,978.2	63.4	No. 1; Des: Conductor 1; OD:20.000 in; ID:19.000 in; Depth MD:26.5-146.5 ftKB; Length:120.00 ft  No. 2; Des: Surface; OD:13.375 in; ID:12.615 in; Depth MD:26.5-473.0 ftKB; Length:446.50 ft  No. 3; Des: Intermediate 1; OD:9.625 in; ID:8.835 in; Depth MD:26.5-1,927.0 ftKB; Length:1,900.50 ft  No. 4; Des: Intermediate 2; OD:7.000 in; ID:6.184 in; Depth MD:26.5-9,123.0 ftKB; Length:9,096.50 ft  No. 5; Des: Liner 1; OD:4.500 in; ID:3.920 in; Depth MD:8,458.1-13,723.0 ftKB; Length:5,264.90 ft	
9,182.7	9,182.7	86.7		
9,185.4	9,185.4	87.0		
9,185.5	9,185.5	87.0		
9,185.5	9,185.5	87.0		
9,188.0	9,188.0	87.0		
9,188.1	9,188.1	87.0		

**Directions to Well:** From the intersection of U.S. Highway 62/West Greene St. & U.S. 180 W/U.S./62W/S. Canal St. in Carlsbad, NM, Travel South on U.S. 62 W/S. Canal St. for 2.0 Miles to slight left. Travel South on U.S.-285 for 1.3 miles to S. Thomason Rd on the Right. Travel South on S. Thomason Rd for 3.6 Miles to a Lease Road on the left (Second Rd. Right after Sharp curve to the left). Travel South on Lease Road for 0.6 Miles to Proposed well 354 feet to the left.