

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		RECEIVED JUN 04 2018 DISTRICT II-ARTESIA State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017				
		1. WELL API NO. 30-015-44542				2. Type of Lease ☐ STATE ☒ FEE ☐ FED/INDIAN				
		3. State Oil & Gas Lease No.				5. Lease Name or Unit Agreement Name FIDDLE FEE 24 28 23 WXY				
		4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)				6. Well Number: 9H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Marathon Oil Permian LLC						9. OGRID 372098				
10. Address of Operator 5555 San Felipe St., Houston, TX 77056						11. Pool name or Wildcat PURPLE SAGE; WOLFCAMP				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	23	24S	28E		557	FNL	346	FWL	EDDY
BH:	A	23	24S	28E		1307	FNL	285	FEL	EDDY
13. Date Spudded 1/8/2018	14. Date T.D. Reached 3/21/2018		15. Date Rig Released 3/29/2018		16. Date Completed (Ready to Produce) 5/13/2018			17. Elevations (DF and RKB, RT, GR, etc.) 2997' GR		
18. Total Measured Depth of Well 14,517' / 9,693'			19. Plug Back Measured Depth		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run MUD GR		
22. Producing Interval(s), of this completion - Top, Bottom, Name 9,859' - 14,435' ; WOLFCAMP										
CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8		54.5 J55		570'		17 1/2		C 650		209
9 5/8		40 J55		2,564'		12 1/4		C 953		279
7		29 P110		9,827'		8 3/4		C 1045		0
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD			
4 1/2	28.5	14,504	H 581				SIZE		DEPTH SET	
6.125	13.5 P110						SIZE		DEPTH SET	
26. Perforation record (interval, size, and number) 9,859' - 14,435'; 0.36, 900 total shots						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 9,859' - 14,435' 11,501,900 LBS - 40/70; 100 MESH 565 BBLS - 15% HCL ACID				
28. PRODUCTION										
Date First Production 5/14/2018		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING					Well Status (Prod. or Shut-in) PRODUCING			
Date of Test 5/24/2018	Hours Tested 24	Choke Size 64	Prod'n For Test Period	Oil - Bbl 1570	Gas - MCF 4072	Water - Bbl. 3796	Gas - Oil Ratio			
Flow Tubing Press. 0	Casing Pressure 1475	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold							30. Test Witnessed By			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
			Latitude			Longitude			NAD83	
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature 			Printed Name Adrian Covarrubias			Title Environmental Engineer			Date 5/29/2018	
E-mail Address acovarrubias@marathonoil.com										

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Geological Tops

Fiddle Fee 24 28 23 WXY 9H

Surface	0
Salado	547
Castile	1102
Base Salt	2422
Lamar	2612
Delaware Sands (Bell Canyon)	2663
Cherry Canyon	3496
Brushy Canyon	4764
Bone Spring	6264
FBSG Sand	7166
SBSG Sand	8016
TBSG Sand	9114
Wolfcamp	9465
Wolfcamp X	9489
Wolfcamp Y	9558

Wellbore Schematic

Well Name: FIDDLE FEE 24 28 23 WXY 9H

State/Province NEW MEXICO	Prospect Area MALAGA	Field Name	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.209080	Longitude (°) -104.065428
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status DRILLING	Ground Elevation (ft) 2,997.00	KB-Ground Distance (ft) 26.50		

HORIZONTAL - FIDDLE FEE 24 28 23 WXY 9H, 3/30/2018 11:31:06 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)	
-598.1	-598.1	0.0		
-11.5	-11.5	0.0		
-5.6	-5.6	0.0		
-5.2	-5.2	0.0		
0.0	0.0	0.0		
14.8	14.8	0.0		
26.6	26.6	0.0		
28.9	28.9	0.0		
31.2	31.2	0.0		
44.0	44.0	0.1		
529.2	529.2	0.9		
530.8	530.8	0.9		
567.9	567.9	0.9		
569.9	569.9	0.9		
2,476.4	2,476.2	0.8		
2,478.0	2,477.8	0.8		
2,562.3	2,562.1	0.6		
2,564.0	2,563.7	0.6		
7,717.8	7,664.5	6.9		
8,534.8	8,577.5	1.5		
8,643.7	8,586.3	1.4		
8,670.6	8,613.2	1.2		
8,708.6	8,652.3	0.8		
9,752.0	9,558.0	69.8		
9,733.6	9,558.6	70.1		
9,823.5	9,580.2	83.8		
9,827.1	9,580.4	84.0		
9,836.9	9,581.7	85.4		
14,453.7	9,693.2	89.8		
14,460.6	9,693.2	89.8		
14,461.9	9,693.2	89.8		
14,502.0	9,693.3	89.9		
14,503.9	9,693.3	89.9		
14,517.1	9,693.4	89.9		

Des: Conductor Cement; Depth MD: 26.5-44.0 ftKB; Date: 1/1/2018
Des: Surface Casing Cement; Depth MD: 26.5-570.0 ftKB; Date: 1/9/2018

Des: Intermediate Casing Cement; Depth MD: 26.5-2,564.0 ftKB; Date: 2/4/2018

Des: Intermediate Casing Cement; Depth MD: 26.5-9,827.0 ftKB; Date: 2/11/2018

Des: Liner Cement; Depth MD: 7,718.0-14,517.0 ftKB; Date: 3/28/2018

No.: 1; Des: Conductor 1; OD: 20.000 in; ID: 19.000 in; Depth MD: 26.5-44.0 ftKB; Length: 17.50 ft

No.: 2; Des: Surface; OD: 13.375 in; ID: 12.615 in; Depth MD: 26.5-570.0 ftKB; Length: 543.50 ft

No.: 3; Des: Intermediate 1; OD: 9.625 in; ID: 8.835 in; Depth MD: 26.5-2,564.0 ftKB; Length: 2,537.50 ft

No.: 4; Des: Intermediate 2; OD: 7.000 in; ID: 6.184 in; Depth MD: 26.5-9,827.0 ftKB; Length: 9,800.50 ft

No.: 5; Des: Liner 1; OD: 4.500 in; ID: 3.920 in; Depth MD: 26.5-14,504.0 ftKB; Length: 14,477.50 ft

Directions to Well: