

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		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. 30-015-44483		
						2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN		
						3. State Oil & Gas Lease No.		
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								
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)						5. Lease Name or Unit Agreement Name EL PRESIDENTE STATE 24 27 2 WA		
						6. Well Number: 5H		
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:	P	2	24S	27E		285	882	EDDY
BH:	A	2	24S	27E		287	1336	EDDY
13. Date Spudded 1/11/2018	14. Date T.D. Reached 2/17/2018	15. Date Rig Released 2/19/2018		16. Date Completed (Ready to Produce) 7/1/2018		17. Elevations (DF and RKB, RT, GR, etc.) 3,135 GR		
18. Total Measured Depth of Well 14,100' 14/09/9313		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 9,683' - 14,014'; WOLFCAMP								
23. CASING RECORD (Report all strings set in well)								
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		CEMENTING RECORD		AMOUNT POLLED
13 3/8"		54.5 J55		515'		633 C		9
9 5/8"		40 J55		2,401'		700 C		163
7"		29 P110		9,666'		785 C		218
24. LINER RECORD								
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD			
4 1/2"	8,667'	14,100'	535 H		SIZE	DEPTH SET	PACKER SET	
4.125 P110 13.5					2.875"	8.65'	8,645'	
26. Perforation record (interval, size, and number) 9,683' - 14,014'; 0.36"; 780 shots					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
					9,683' - 14,014'		11,089,180 lbs - 40/70; 100 Mesh	
							454 bbls - 15% HCl Acid	
28. PRODUCTION								
Date First Production 7/3/2018		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing		
Date of Test 7/13/2018	Hours Tested 24	Choke Size 64	Prod'n For Test Period	Oil - Bbl 826	Gas - MCF 1470	Water - Bbl. 3198	Gas - Oil Ratio	
Flow Tubing Press. 650	Casing Pressure 800	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 Adrian Covarrubias			Printed Name Adrian Covarrubias			Title CTR - Technician HES		Date 7/24/2018
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. 2, from.....to.....
No. 3, 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

El Presidente State 24 27 2 WA 5H

Surface	0
Salado	693
Base Salt	2117
Lamar	2327
Delaware Sands (Bell Canyon)	2376
Cherry Canyon	3243
Brushy Canyon	4291
Bone Spring	5828
FBSG Sand	6813
SBSG Sand	7418
TBSG Sand	8732
Wolfcamp	9095



Wellbore Schematic

Well Name: EL PRESIDENTE STATE 24 27 2 WA 5H

State/Province NEW MEXICO	Prospect Area MALAGA	Field Name	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.240246	Longitude (°) -104.155043
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status COMPLETION	Ground Elevation (ft) 3,135.00	KB Ground Distance (ft) 26.50		

HORIZONTAL - EL PRESIDENTE STATE 24 27 2 WA 5H, 3/29/2018 9:24:29 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
26.6	26.6	0.5	Des: Conductor Cement; Depth MD:26.5-146.5 ftKB; Date:12/1/2017 Des: Surface Casing Cement; Depth MD:26.6-515.0 ftKB; Date:1/12/2018 Des: Intermediate Casing Cement; Depth MD:26.5-2,410.0 ftKB; Date:2/6/2018 Des: Intermediate Casing Cement; Depth MD:26.6-9,675.0 ftKB; Date:2/11/2018 Des: Production Casing Cement; Depth MD:8,666.9-14,100.0 ftKB; Date:2/18/2018
27.6	27.6	0.5	
27.9	27.9	0.5	
29.2	29.2	0.5	
71.2	71.2	0.5	
90.9	90.9	0.5	
146.7	146.7	0.5	
474.1	474.1	0.5	
475.4	475.4	0.5	
513.5	513.4	0.7	
515.1	515.1	0.7	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:26.6-515.2 ftKB; Length:488.62 ft No.:3; Des: Intermediate 1; OD:9.625 in; ID:8.835 in; Depth MD:26.5-2,400.7 ftKB; Length:2,374.15 ft
2,354.7	2,350.5	7.6	
2,356.0	2,351.8	7.6	
2,399.0	2,394.3	8.3	
2,400.8	2,395.9	8.3	
2,410.1	2,405.3	8.4	
8,667.0	8,626.3	1.4	
8,683.1	8,642.4	1.4	
8,685.7	8,645.0	1.4	
8,686.7	8,646.0	1.4	
8,691.9	8,651.2	1.4	No.:4; Des: Intermediate 2; OD:7.000 in; ID:6.184 in; Depth MD:26.6-9,665.5 ftKB; Length:9,638.91 ft No.:5; Des: Liner 1; OD:4.500 in; ID:3.920 in; Depth MD:8,666.9-14,100.0 ftKB; Length:5,433.14 ft
8,693.6	8,652.9	1.4	
9,489.5	9,250.4	70.1	
9,533.5	9,264.8	71.9	
9,576.4	9,276.8	75.5	
9,577.8	9,277.1	75.6	
9,616.1	9,285.2	81.3	
9,664.0	9,288.9	88.1	
9,665.4	9,289.0	88.3	
9,674.9	9,289.8	89.7	
14,009.2	9,309.6	90.3	
14,014.4	9,309.6	90.3	
14,055.1	9,309.4	90.3	
14,057.1	9,309.4	90.3	
14,058.4	9,309.4	90.3	
14,097.8	9,309.1	90.3	
14,100.1	9,309.1	90.3	

Directions to Well: