

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. 30-015-44491								
		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 RED LIGHT STATE COM 23 26 27 WA 6. Well Number: 15H								
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:	A	27	23S	26E		300	FNL	804	FEL	EDDY
BH:	H	34	23S	26E		2163	FNL	1329	FEL	EDDY
13. Date Spudded 12/11/2017	14. Date T.D. Reached 2/10/2018		15. Date Rig Released 2/14/2018			16. Date Completed (Ready to Produce) 4/15/2018		17. Elevations (DF and RKB, RT, GR, etc.) 3,285' GR		
18. Total Measured Depth of Well 15,967' 18904			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 8,908' - 15,886'; WOLFCAMP										
23. 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		479		17 1/2		749		421
9 5/8		40		1942		12 1/4		875		255
7		29		8884		8 3/4		1155		52
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM		SACKS CEMENT		SCREEN		SIZE	DEPTH SET	PACKER SET
4.5' PIID	8106	15957		795 C						
26. Perforation record (interval, size, and number) 8,908' - 15,886'; 0.36 in., 1350 shots						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						8,908' - 15,886'		17,284,260 lbs - 40/70; 100 Mesh		
								935 bbls - 15% HCl Acid		
28. PRODUCTION										
Date First Production 4/21/2018		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 5/1/2018	Hours Tested 24	Choke Size 98	Prod'n For Test Period	Oil - Bbl 765	Gas - MCF 2499	Water - Bbl 5443	Gas - Oil Ratio			
Flow Tubing Press. 0	Casing Pressure 510	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								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		Title		Date				
		Adrian Covarrubias		Environmental Engineer		5/8/2018				
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

Red Light State Com 23 26 27 WXY 15H

Surface	0
Castile	598
Base Salt	1586
Lamar	1787
Delaware Sands (Bell Canyon)	1956
Cherry Canyon	2649
Brushy Canyon	3651
Bone Spring	5260
FBSG Sand	6152
SBSG Sand	6555
TBSG Sand	8254
Wolfcamp	8647
Wolfcamp X	8654
Wolfcamp Y	8727
Wolfcamp A	8776



Wellbore Schematic

MAY 17 2018

Well Name: RED LIGHT STATE COM 23 26 27 WA 15H

DISTRICT II-ARTESIA O.C.D.

State/Province NEW MEXICO	Prospect Area MALAGA	Field Name	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.281774	Longitude (°) -104.274338
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status DRILLING	Ground Elevation (ft) 3,285.00	KB-Ground Distance (ft) 26.50		

HORIZONTAL - RED LIGHT STATE COM 23 26 27 WA 15H, 2/16/2018 3:41:35 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
-8.2	-8.2	0.0	
26.6	26.6	0.1	
30.5	30.5	0.1	
31.5	31.5	0.1	
33.1	33.1	0.1	
146.7	146.7	0.4	
434.4	434.4	0.3	
436.0	436.0	0.3	
477.4	477.4	0.3	
479.0	479.0	0.3	
490.2	490.2	0.3	
1,859.9	1,857.0	4.1	
1,861.2	1,858.3	4.1	
1,940.6	1,937.5	3.9	
1,942.3	1,939.1	3.9	
8,106.0	8,083.5	2.6	
8,106.5	8,083.9	2.6	
8,125.0	8,102.5	2.5	
8,125.0	8,103.5	2.5	
8,121.2	8,108.8	2.4	
8,122.9	8,110.4	2.4	
8,790.0	8,674.0	54.7	
8,791.3	8,674.8	54.8	
8,822.5	8,723.7	61.3	
8,833.9	8,724.3	61.5	
8,841.1	8,794.0	85.8	
12,656.2	8,798.1	87.8	
12,676.2	8,798.9	87.4	
15,911.4	8,803.9	89.8	
15,914.4	8,803.9	89.8	
15,964.7	8,804.0	89.8	
15,967.0	8,804.0	89.8	
15,965.9	8,804.0	89.8	

Directions to Well: FROM THE INTERSECTION OF U.S. HIGHWAY 62/WEST GREENE STREET AND U.S. 180 W/U.S. 62 W/S. CANAL STREET IN CARLESBAD, NEW MEXICO, TRAVEL SOUTH ON U.S. 62 W/S. CANAL STREET TOWARD W. TANSILL ST. FOR 2.0 MILES CONTINUE STRAIGHT TO US 62/180 W FOR 9.0 MILE TO SKINNER RD / CO RD 771 ON THE LEFT. TRAVEL SOUTHEAST ON SKINNER RD / CO RD 771 FOR 0.5 MILES TO A LEASE ROAD ON LEFT. TRAVEL NORTHEAST ON THE LEASE ROAD FOR 0.5 MILES TO AN EXISTING WELL PAD IN WHICH PROPOSED WELL PAD IS PROPOSED TO BE 2.126' TO THE NORTHEAST OF EXISTING PAD.