

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.
30-015-44484
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)

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
MALAGE; BONE SPRING, NORTH

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		283	FSL	832	FEL	EDDY
BH:	A	2	24S	27E		331	FNL	986	FEL	EDDY

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF and RKB, RT, GR, etc.)
1/12/2018	1/23/2018	1/27/2018	7/1/2018	3,135 GR

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run
13,874' / 9099		YES	MUD GR

22. Producing Interval(s), of this completion - Top, Bottom, Name
9,200' - 13,595'; BONE SPRING

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	512'	17 1/2"	601 C	215
9 5/8"	40 J55	2,371'	12 1/4"	700 C	177
5 1/2"	20 P 110	13,863'	8 3/4"	2,330 H	75

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2.875	9126	9112
					2.375	9126	9112

26. Perforation record (interval, size, and number)

9,200' - 13,595'; 0.36"; 810 shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9,200' - 13,595'	11,706,089 lbs - 40/70; 100 Mesh
	399 bbls - 15% HCl Acid

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
7/3/2018	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7/13/2018	24	64		733	1334	3505	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
635	0					

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
sold

30. Test Witnessed By

31. List Attachments

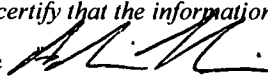
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

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 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. Blinébry	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 TB 6H

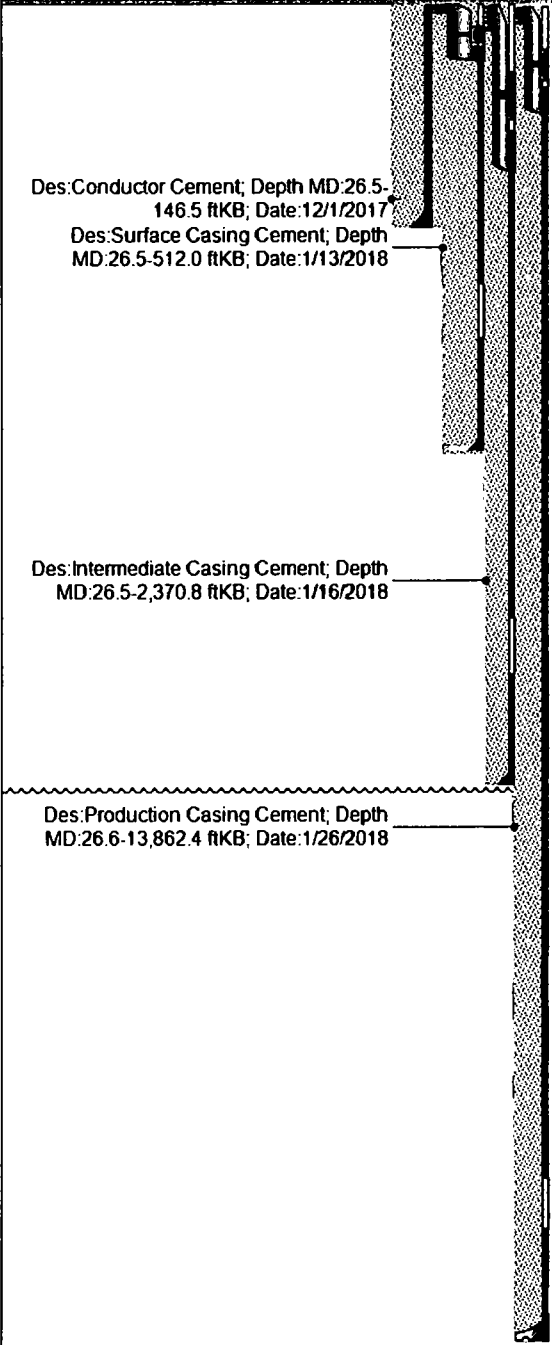
Surface	0
Salado	699
Castile	699
Base Salt	2123
Lamar	2333
Delaware Sands (Bell Canyon)	2382
Cherry Canyon	3249
Brushy Canyon	4297
Bone Spring	5834
FBSG Sand	6820
SBSG Sand	7374
TBSG Sand	8739

Wellbore Schematic

Well Name: EL PRESIDENTE STATE 24 27 2 TB 6H

State/Province NEW MEXICO	Prospect Area MALAGA	Field Name	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.240241	Longitude (°) -104.154881
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 TB 6H, 3/22/2018 3:22:04 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)	
25.5	26.6	0.3		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:26.5-512.2 ftKB; Length:485.67 ft No. 3; Des: Intermediate 1; OD:9.625 in; ID:8.835 in; Depth MD:26.6-2,370.8 ftKB; Length:2,344.23 ft No. 4; Des: Production 1; OD:5.500 in; ID:4.670 in; Depth MD:26.6-13,862.5 ftKB; Length:13,835.88 ft
27.9	27.9	0.3		
28.5	28.5	0.3		
29.2	29.2	0.3		
146.7	146.7	0.3		
470.1	470.1	1.0		
471.5	471.4	1.1		
510.5	510.4	1.5		
512.1	512.1	1.5		
643.4	643.2	2.5		
658.1	658.0	2.5		
2,324.6	2,320.0	6.5		
2,328.1	2,321.3	6.5		
2,359.1	2,364.0	6.3		
2,370.7	2,365.7	6.3		
8,371.1	8,350.8	2.1		
8,391.1	8,370.8	2.3		
8,424.4	8,414.1	2.6		
8,444.2	8,423.9	2.7		
11,623.0	9,089.1	91.1		
11,632.9	9,088.9	91.3		
13,770.7	9,102.4	91.5		
13,770.0	9,102.4	91.5		
13,859.6	9,099.3	92.2		
13,862.5	9,099.1	92.2		

Directions to Well: