

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	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised April 3, 2017
		1. WELL API NO. 30-015-44607
		2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN
		3. State Oil & Gas Lease No.
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>		
4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (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 <b>HERMES FEB 20 2018</b>
		6. Well Number: <b>10H</b>
		<b>SEP 07 2018</b>
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER		<b>RECEIVED</b>
8. Name of Operator <b>Marathon Oil Permian LLC</b>		9. OGRID <b>372098</b>
10. Address of Operator <b>5555 San Felipe St., Houston, TX 77056</b>		11. Pool name or Wildcat <b>PURPLE SAGE; WOLFCAMP</b>
12. Location	Unit Ltr	Section
Surface:	P	30
BH:	A	30
13. Date Spudded 1/17/2018	14. Date T.D. Reached 2/25/2018	15. Date Rig Released 3/4/2018
16. Date Completed (Ready to Produce) 8/17/2018		17. Elevations (DF and RKB, RT, GR, etc.) 3,205' GR
18. Total Measured Depth of Well 14,364'	19. Plug Back Measured Depth 9637	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 10,007' - 14,268'; WOLFCAMP		
<b>CASING RECORD (Report all strings set in well)</b>		
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
13 3/8"	54.5 J55	581'
9 5/8"	40 J55	2593'
7"	29 P110	9942'
<b>24. LINER RECORD</b>		
SIZE	TOP	BOTTOM
4 1/2"	9,052'	14,354'
6.125	13.5 P110	
<b>25. TUBING RECORD</b>		
SIZE	DEPTH SET	PACKER SET
2.875"	9013'	9009'
26. Perforation record (interval, size, and number) 10,007' - 14,268'; 0.36"; 870 shots		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
10,007' - 14,268'	10,753,418 lbs - 40/70; 100 Mesh	
	18,333 gal - 15% HCl Acid	
<b>28. PRODUCTION</b>		
Date First Production 8/18/2018	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Producing
Date of Test 8/29/2018	Hours Tested 24	Choke Size 64
Prod'n For Test Period	Oil - Bbl 925	Gas - MCF 2553
Flow Tubing Press. 1200	Casing Pressure 650	Water - Bbl. 3183
Calculated 24-Hour Rate	Oil - Bbl.	Gas - Oil Ratio 2.76
	Gas - MCF	
	Water - Bbl.	
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 9/4/2018
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**

Hermes Fee 23 28 30 WA 10H

Surface	0
Salado	537
Castile	920
Base Salt	2447
Lamar	2512
Delaware Sands (Bell Canyon)	2540
Cherry Canyon	3284
Brushy Canyon	4534
Bone Spring	6027
FBSG Sand	7036
SBSG Sand	7758
TBSG Sand	9025
Wolfcamp	9351



# Wellbore Schematic

Well Name: HERMES FEE 23 28 30 WA 10H

State/Province NEW MEXICO	Prospect Area MALAGA	Field Name	Well Subtype	Lat/Long Datum NAD27	Latitude (°) 32.269731	Longitude (°) -104.119929
Well Configuration Type HORIZONTAL	Well Objective EXPLOITATION	Well Status COMPLETION	Ground Elevation (ft) 3,182.50	KB-Grnd Distance (ft) 26,501		

HORIZONTAL - HERMES FEE 23 28 30 WA 10H, 3/30/2018 1:08:10 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)	
-23.3	-23.3	0.4		
3.9	3.9	0.4		
25.5	26.6	0.4		
23.2	28.2	0.4		
44.0	44.0	0.4		
538.1	538.1	0.2		
539.4	539.4	0.2		
578.7	578.7	0.2		
580.4	580.4	0.2		
2,545.5	2,545.6	1.0		
2,547.2	2,547.2	1.1		
2,591.2	2,590.2	1.3		
2,591.8	2,591.8	1.3		
9,014.4	9,014.4	2.2		
9,030.8	9,030.8	2.3		
9,034.1	9,034.1	2.3		
9,039.6	9,039.6	2.3		
9,041.3	9,041.3	2.3		
9,614.4	9,614.4	80.2		
9,614.6	9,614.6	80.3		
9,622.0	9,622.0	90.3		
9,622.0	9,622.0	90.4		
14,252.9	9,637.0	90.2		
14,252.5	9,637.0	90.1		
14,233.4	9,637.0	90.0		
14,323.7	9,636.9	89.7		
14,310.4	9,636.9	89.7		
14,311.7	9,636.9	89.7		
14,352.0	9,637.1	89.7		
14,354.0	9,637.1	89.7		

Des: Conductor Cement; Depth MD:26.5-44.0 ftKB; Date:1/1/2018

Des: Surface Casing Cement; Depth MD:26.5-580.5 ftKB; Date:1/19/2018

Des: Intermediate Casing Cement; Depth MD:26.5-2,593.0 ftKB; Date:2/15/2018

Des: Intermediate Casing Cement; Depth MD:26.5-9,942.3 ftKB; Date:2/20/2018

Des: Production Casing Cement; Depth MD:9,051.6-14,354.0 ftKB; Date:3/3/2018

No.1; Des: Conductor 1; OD:20.000 in; ID:19.000 in; Depth MD:26.6-44.0 ftKB; Length:17.40 ft

No.2; Des: Surface; OD:13.375 in; ID:12.615 in; Depth MD:26.6-580.5 ftKB; Length:553.90 ft

No.3; Des: Intermediate 1; OD:9.625 in; ID:8.835 in; Depth MD:26.5-2,592.7 ftKB; Length:2,566.21 ft

No.4; Des: Intermediate 2; OD:7.000 in; ID:6.184 in; Depth MD:26.5-9,942.1 ftKB; Length:9,915.65 ft

No.5; Des: Production 1; OD:4.500 in; ID:3.920 in; Depth MD:9,051.6-14,354.0 ftKB; Length:5,302.41 ft

Directions to Well: