

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		<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; transform: rotate(-45deg); font-weight: bold; font-size: 24px; color: red;">           HOBBBS OIL            SEP 17 2018            RECEIVED         </div> <div style="position: absolute; top: 0; right: 0; text-align: right;"> <b>State of New Mexico</b>  <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b>  <b>220 South St. Francis Dr.</b>  <b>Santa Fe, NM 87505</b> </div> </div>			<b>Form C-105</b> Revised April 3, 2017													
<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>FLOWMASTER 24 34 15 SB</b>  6. Well Number:  <b>4H</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																		
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>RED HILLS, NORTH; BONE SPRING</b>															
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
<b>Surface:</b>	<b>D</b>	<b>15</b>	<b>24S</b>	<b>34E</b>		<b>343</b>	<b>FNL</b>	<b>1233</b>	<b>FWL</b>	<b>LEA</b>								
<b>BH:</b>	<b>M</b>	<b>15</b>	<b>24S</b>	<b>34E</b>		<b>281</b>	<b>FSL</b>	<b>658</b>	<b>FWL</b>	<b>LEA</b>								
13. Date Spudded <b>3/9/2018</b>	14. Date T.D. Reached <b>4/6/2018</b>	15. Date Rig Released <b>4/8/2018</b>		16. Date Completed (Ready to Produce) <b>8/27/2018</b>		17. Elevations (DF and RKB, RT, GR, etc.) <b>3521' GR</b>												
18. Total Measured Depth of Well <b>15,767'</b>		19. Plug Back Measured Depth		20. Was Directional Survey Made? <b>YES</b>		21. Type Electric and Other Logs Run <b>MUD GR</b>												
22. Producing Interval(s), of this completion - Top, Bottom, Name <b>11,122' - 15,652'; BONE SPRING</b>																		
<b>CASING RECORD (Report all strings set in well)</b>																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
13 3/8"		54.5		1,151'		17 1/2"		1,007										
9 5/8"		36		5,419'		12 1/4"		1,841		609								
5 1/2"		20		15,759'		8 3/4"		2,667		0								
<b>24. LINER RECORD</b>																		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN														
26. Perforation record (interval, size, and number)  <b>11,122' - 15,652'; 0.36; 870 shots</b>						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">DEPTH INTERVAL</th> <th style="width:50%;">AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>11,122' - 15,652'</td> <td>10,749,890 lbs - 40/70; 100 Mesh</td> </tr> <tr> <td></td> <td>10,521 gal - 15% HCl Acid</td> </tr> <tr> <td></td> <td></td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	11,122' - 15,652'	10,749,890 lbs - 40/70; 100 Mesh		10,521 gal - 15% HCl Acid		
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11,122' - 15,652'	10,749,890 lbs - 40/70; 100 Mesh																	
	10,521 gal - 15% HCl Acid																	
<b>28. PRODUCTION</b>																		
Date First Production <b>8/28/2018</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Flowing</b>				Well Status (Prod. or Shut-in) <b>Producing</b>												
Date of Test <b>9/7/2018</b>	Hours Tested <b>24</b>	Choke Size <b>54</b>	Prod'n For Test Period	Oil - Bbl <b>835</b>	Gas - MCF <b>1708</b>	Water - Bbl. <b>3121</b>	Gas - Oil Ratio <b>2.05</b>											
Flow Tubing Press. <b>0</b>	Casing Pressure <b>750</b>	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>Sold</b>						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 <b>Adrian Covarrubias</b>			Title <b>CTR - Technician HES</b>			Date <b>9/10/2018</b>									
E-mail Address <b>acovarrubias@marathonoil.com</b>																		

# 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. Blinbry	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**

Flowmaster 24 34 15 SB 4H

Surface	0
Rustler	1123
Salado	1661
Castile	3417
Base Salt	5087
Lamar	5373
Delaware Sands (Bell Canyon)	5421
Cherry Canyon	6587
Brushy Canyon	7826
Bone Spring	9141
FBSG Sand	10210
SBSG Sand	10866