

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. 30-025-43607					
		2. Type of Lease <input checked="" type="checkbox"/> STATE <input 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 GRAMA RIDGE 8 STATE			
				6. Well Number:  2H			
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 Marathon Oil Permian LLC				9. OGRID    372098			
10. Address of Operator 5555 San Felipe St., Houston, TX 77056				11. Pool name or Wildcat GRAMA RIDGE BONESPRING; WEST			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	
Surface:	O	8	22S	34E		250	
BH:	B	8	22S	34E		331	
13. Date Spudded 8/23/2017	14. Date T.D. Reached 9/14/2017	15. Date Rig Released 9/17/2017		16. Date Completed (Ready to Produce) 12/16/2107		17. Elevations (DF and RKB, RT, GR, etc.) 3534 GL	
18. Total Measured Depth of Well 16,115'		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 THIRD BONE SPRING							
<b>CASING RECORD (Report all strings set in well)</b>							
CASING SIZE	WEIGHT LB./FT.		DEPTH SET		HOLE SIZE	CEMENTING RECORD	
13 3/8	54.5		1,638.0'		17 1/2	1640 sks	
9 5/8	40		4,978.0'		12 1/4	992	
7	29		11,944.0'		8 3/4	940	
<b>24. LINER RECORD</b>							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN			
4.5	10,757	16,113	510				
<b>25. TUBING RECORD</b>							
SIZE	DEPTH SET		PACKER SET				
2 7/8"	10,645'		11,528'				
2 3/8"	10,645 - 11,541'		11,528				
26. Perforation record (interval, size, and number) 11,559 - 16,010; 3 shots/ft; 0.36", 930 total shots							
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.							
DEPTH INTERVAL			AMOUNT AND KIND MATERIAL USED				
11,559 - 16,010			11,329,017 lbs - 30/50; 100 Mesh				
			1,202 bbls - HCl Acid				
<b>28. PRODUCTION</b>							
Date First Production 12/17/2017		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing		
Date of Test 12/27/2017	Hours Tested 24	Choke Size 48	Prod'n For Test Period	Oil - Bbl 765	Gas - MCF 1463	Water - Bbl. 2149	
Flow Tubing Press. 0	Casing Pressure 48	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	Jennifer Van Curen		Printed Name	Jennifer Van Curen	Title	Sr. Regulatory Compliance	
					Date	2/23/2018	
E-mail Address jvancuren@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

## **Geological Tops**

### **Grama Ridge 8 State 2H**

Surface	0
Rustler	1615
Salado	1852
Base Salt	3542
Lamar	4959
Delaware Sands (Bell Canyon)	5129
Cherry Canyon	6030
Brushy Canyon	7144
FBSG Sand	9605
SBSG Sand	10183
TBSG Sand	11153