

# NM OIL CONSERVATION ARTESIA DISTRICT

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  <b>Oil Conservation Division</b> 1220 South St. Francis Dr. Santa Fe, NM 87505	<b>Form C-105</b> Revised April 3, 2017
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## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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>Cypress Fee 23 27 9</b>  6. Well Number:  <b>7H</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>Bone Spring</b>					
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
Surface:	L	9	23S	27E		2143'	S	310'	W	Eddy	
BH:	I	9	23S	27E		2278'	S	430'	E	Eddy	
13. Date Spudded 9/25/2017	14. Date T.D. Reached 11/9/2017		15. Date Rig Released 11/13/2017			16. Date Completed (Ready to Produce) 3/31/2018			17. Elevations (DF and RKB, RT, GR, etc.) 3,164' GR		
18. Total Measured Depth of Well 13,230' / 18972			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 <b>8660-13020', Bone Spring</b>											

## 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"	54.50 J55	454'	17 1/2"	C 552	244
9 5/8"	40.00 L80	1,972'	12 1/4"	C 715	175
7"	29.00 P110	8,532'	8 3/4"	C 823	84

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2"	8,118'	13,180'	575 H		2 7/8"	8287	8276
P110					2 3/8"	8287	8276
26. Perforation record (interval, size, and number) <b>8660'-13020', 0.36", 870 shots</b>				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED <b>8660'-13020'      8,838,220 lbs - 40/70; 100 Mesh</b> <b>619 bbls - 15% HCl Acid</b>			

## 28. PRODUCTION

Date First Production <b>4/1/2018</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>4/11/2018</b>	Hours Tested <b>24 hrs</b>	Choke Size <b>40</b>	Prod'n For Test Period	Oil - Bbl <b>728</b>	Gas - MCF <b>2753</b>	Water - Bbl. <b>2118</b>	Gas - Oil Ratio
Flow Tubing Press. <b>1050</b>	Casing Pressure <b>350</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.)						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:
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## 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	Environmental Engineer
				Date	4/13/2018
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. 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**

Cypress Fee 23 27 9 7H

Surface	0
Salado	439
Castile	439
Base Salt	1440
Lamar	2085
Delaware Sands (Bell Canyon)	2097
Brushy Canyon	3955
Bone Spring	5438
FBSG Sand	6514
SBSG Sand	6967
TBSG Sand	8567
Wolfcamp	8963