


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 Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017					
NM OIL CONSERVATION ARTESIA DISTRICT SEP 24 2018 RECEIVED		1. WELL API NO. 30-015-44332		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN		3. State Oil & Gas Lease No.					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG											
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> 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)				5. Lease Name or Unit Agreement Name Southern Comfort 25 36 State X 6. Well Number: 1H							
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				9. OGRID 372098							
8. Name of Operator Marathon Oil Permian LLC				11. Pool name or Wildcat Willow Lake; Bone Springs							
10. Address of Operator 5555 San Felipe St., Houston, TX 77056				12. Location Unit Ltr Section Township Range Lot Feet from the N/S Line Feet from the E/W Line County Surface: J 25 24S 28E 2490 FSL 2310 FEL EDDY BH: O 36 24S 28E 331 FSL 2321 FEL EDDY							
13. Date Spudded 9/1/2017		14. Date T.D. Reached 9/19/2017		15. Date Rig Released 9/22/2018		16. Date Completed (Ready to Produce) 11/18/2017		17. Elevations (DF and RKB, RT, GR, etc.) 2916' GR			
18. Total Measured Depth of Well 17001' / 9700'		19. Plug Back Measured Depth 1699'		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 9,829' - 16,839'; Bone Springs											
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"		54.5		435'		17 1/2"		500		0	
9 5/8"		40		2647'		12 1/4"		905		123	
7"		29		9753'		8 3/4"		690		20	
24. LINER RECORD								25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET				
4 1/2"		8861	16991'	800							
26. Perforation record (interval, size, and number) 9,829' - 16,839'; 0.36"; 1440 shots						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 9,829' - 16,839' 17,770,060 lbs - 40/70; 100 Mesh 1642 bbls - 15% HCl Acid					
28. PRODUCTION											
Date First Production 11/20/2017			Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 12/1/2017	Hours Tested 24	Choke Size 54	Prod'n For Test Period	Oil - Bbl 2149	Gas - MCF 5754	Water - Bbl. 7902	Gas - Oil Ratio				
Flow Tubing Press. 0	Casing Pressure 1900	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 			Printed Name Adrian Covarrubias			Title CTR - Technician HES			Date		
E-mail Address acovarrubias@marathonoil.com											

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico	Northwestern New Mexico
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OIL OR GAS SANDS OR ZONES	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
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79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

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No. 3, from.....to.....

No. 4, from.....to.....

tion to which water rose in hole.

No. 1, from.....to.....

No. 2, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

Lithology	From	To	Thickness
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From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Geological Tops

Southern Comfort 25 36 State X 1H

Surface	0
Salado	616
Castile	1173
Base Salt	2521
Lamar	2634
Delaware Sands (Bell Canyon)	2688
Cherry Canyon	3533
Brushy Canyon	4811
Bone Spring	6410
FBSG Sand	7299
SBSG Sand	8147
TBSG Sand	9197
Wolfcamp	9580