


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>Oil Conservation Division</b> Energy, Minerals and Natural Resources 1220 South St. Francis Dr. Santa Fe, NM 87505 <div style="position: absolute; top: 0; left: 0; font-size: 2em; opacity: 0.5;">           SEP 24 2018            RECEIVED         </div>				<b>Form C-105</b> Revised April 3, 2017	
		1. WELL API NO. <b>30-015-44328</b>		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN			
		3. State Oil & Gas Lease No.		5. Lease Name or Unit Agreement Name <b>Southern Comfort 25 36 State X</b>			
				6. Well Number: <b>2H</b>			
<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)							
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>Purple Sage Wolfcamp</b>			
12. Location	Unit Ltr	Section	Township	Range	Lot		
Surface:	I	25	24S	28E			
BH:	P	36	24S	28E			
13. Date Spudded <b>8/29/2017</b>	14. Date T.D. Reached <b>9/20/2017</b>	15. Date Rig Released <b>9/25/2017</b>		16. Date Completed (Ready to Produce) <b>11/16/2017</b>			
17. Elevations (DF and RKB, RT, GR, etc.) <b>2912' GR</b>							
18. Total Measured Depth of Well <b>17080' / 9769'</b>		19. Plug Back Measured Depth <b>16912</b>		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>9,889' - 16,851; Wolfcamp</b>							
<b>23. 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	416.5'	17 1/2"	820	0		
9 5/8"	40	2660.9'	12 1/4"	1040	105		
7"	29	9924'	8 3/4"	1015	0		
4 1/2"	13.5	17080'	6 1/8"	795	10		
<b>24. LINER RECORD</b>							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN			
4 1/2"	9221.9	17080	795				
26. Perforation record (interval, size, and number) <b>9,889' - 16,851; 0.36"; 876 shots</b>			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
			DEPTH INTERVAL    AMOUNT AND KIND MATERIAL USED				
			<b>9,889' - 16,851    17,544,962 lbs - 40/70; 100 Mesh</b>				
			<b>1328 bbls - 15% HCl Acid</b>				
<b>28. PRODUCTION</b>							
Date First Production <b>11/18/2017</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>11/28/2017</b>	Hours Tested <b>24</b>	Choke Size <b>48</b>	Prod'n For Test Period	Oil - Bbl <b>1937</b>	Gas - MCF <b>5887</b>		
				Water - Bbl. <b>7495</b>	Gas - Oil Ratio		
Flow Tubing Press. <b>0</b>	Casing Pressure <b>1975</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			
E-mail Address <b>acovarrubias@marathonoil.com</b>							

## INS' 'R JCT ONS

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. 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

## **Geological Tops**

Southern Comfort 25 36 State X 2H

Surface	0
Salado	588
Castile	1204
Base Salt	2552
Lamar	2665
Delaware Sands (Bell Canyon)	2719
Cherry Canyon	3564
Brushy Canyon	4842
Bone Spring	6441
FBSG Sand	7353
SBSG Sand	8192
TBSG Sand	9263
Wolfcamp	9664