

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 Brzoz Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised August 1, 2011 1. WELL API NO. <div style="text-align: center;">30-015-42434</div> 2. Type of Lease <input type="checkbox"/> STATE <input checked="" 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 <div style="text-align: center;">Merrill</div> 6. Well Number: #5																						
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 <div style="text-align: center;">Memorial Production Operating, LLC</div>		9. OGRID <div style="text-align: center;">303900</div>																						
10. Address of Operator <div style="text-align: center;">1301 McKinney Street, Suite 2100 Houston, TX 77010</div>		11. Pool name or Wildcat <div style="text-align: center;">Glorietta; Yeso</div>																						
12. Location <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Surface:</td> <td>A</td> <td>34</td> <td>18S</td> <td>26E</td> <td></td> <td>990</td> <td>N</td> <td>330</td> <td>E</td> <td>Eddy</td> </tr> <tr> <td>BIT:</td> <td>same</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Surface:	A	34	18S	26E		990	N	330	E	Eddy	BIT:	same											
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13. Date Spudded 9-6-2014	14. Date T.D. Reached 9-14-2014	15. Date Rig Released 9-16-2014	16. Date Completed (Ready to Produce) 2-10-2015	17. Elevations (DF and RKB, RT, GR, etc.) 3339' GL																				
18. Total Measured Depth of Well 4000'		19. Plug Back Measured Depth 4000'		20. Was Directional Survey Made? Yes (see attached)	21. Type Electric and Other Logs Run Triple Combo																			
22. Producing Interval(s), of this completion - Top, Bottom, Name 2698' - 3876'					San Andres / Glorietta																			
23. CASING RECORD (Report all strings set in well)																								
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																			
8-5/8"	24#, J-55	922'	12-1/4"	Cmt w/730 sxs	None																			
5-1/2"	17#, J-55	3985'	7-7/8"	Cmt w/360 sxs	None																			
24. LINER RECORD			25. TUBING RECORD																					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN																				
26. Perforation record (interval, size, and number) Stage 1: 3794-3876', 3 spf Stage 2: 3069-3308', 3 spf Stage 3: 2698-2940', 3 spf			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">DEPTH INTERVAL</td> <td style="text-align: center;">AMOUNT AND KIND MATERIAL USED</td> </tr> <tr> <td style="text-align: center;">3794-3876</td> <td style="text-align: center;">73,694 lbs proppant, 2000 gals 15% HCl</td> </tr> <tr> <td style="text-align: center;">3069-3308</td> <td style="text-align: center;">103,210 lbs proppant, 3000 gals 15% HCl</td> </tr> <tr> <td style="text-align: center;">2698-2940</td> <td style="text-align: center;">102,627 lbs proppant, 2000 gals 15% HCl</td> </tr> </table>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3794-3876	73,694 lbs proppant, 2000 gals 15% HCl	3069-3308	103,210 lbs proppant, 3000 gals 15% HCl	2698-2940	102,627 lbs proppant, 2000 gals 15% HCl											
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28. PRODUCTION																								
Date First Production 2/13/2015		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, 2-1/2" x 1-3/4" x 16' RHBC HVR rod pump		Well Status (Prod. or Shut-in) Producing																				
Date of Test 2/24/2015	Hours Tested 24 hours	Choke Size N/A	Prod'n For Test Period 30	Oil - Bbl 33	Gas - MCF 203																			
Flow Tubing Press. 350	Casing Pressure 60	Calculated 24-Hour Rate 30	Oil - Bbl 33	Gas - MCF 203	Water - Bbl. 203																			
29. Disposition of Gas (Solid, used for fuel, vented, etc.) Sold					30. Test Witnessed By																			
31. List Attachments Wellbore Diagram, Surveys, Log																								
NM OIL CONSERVATION																								
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. No pit; closed loop																								
33. If an on-site burial was used at the well, report the exact location of the on-site burial:																								
Latitude Longitude NAD 1927 1983 <div style="text-align: right; font-size: 1.2em;">SEP 08 2015</div>																								
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 <i>Adonya Dryden</i>		Printed Name Adonya Dryden		Title RECEIVED Date 9/8/2015																				
E-mail Address adonya.dryden@brannimer.com																								

9/8/15

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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 981	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 1126	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 2716	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