

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 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised August 1, 2011																																							
1. WELL API NO. 30-025-40910		2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN																																											
3. State Oil & Gas Lease No. 39613		5. Lease Name or Unit Agreement Name MARTIN II STATE																																											
6. Well Number: 1		7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER																																											
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ 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)				8. Name of Operator CML EXPLORATION, LLC																																									
9. OGRID 256512				10. Address of Operator P.O BOX 890 SNYDER, TX 79550																																									
11. Pool name or Wildcat SANMAL; PENN 54340				12. Location <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Unit Ltr</th> <th>Section</th> <th>Township</th> <th>Range</th> <th>Lot</th> <th>Feet from the</th> <th>N/S Line</th> <th>Feet from the</th> <th>E/W Line</th> <th>County</th> </tr> <tr> <td>Surface:</td> <td>M</td> <td>11</td> <td>17S</td> <td>33E</td> <td>350</td> <td>SOUTH</td> <td>850</td> <td>WEST</td> <td>LEA</td> </tr> <tr> <td>BH:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	Surface:	M	11	17S	33E	350	SOUTH	850	WEST	LEA	BH:																	
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13. Date Spudded 01/24/2013		14. Date T.D. Reached 02/19/2013		15. Date Rig Released 02/25/2013		16. Date Completed (Ready to Produce) 03/08/2013		17. Elevations (DF and RKB, RT, GR, etc.) 4128' GR																																					
18. Total Measured Depth of Well 12,000'		19. Plug Back Measured Depth 11,886'		20. Was Directional Survey Made? NO		21. Type Electric and Other Logs Run GR/DSN/DLL																																							
22. Producing Interval(s), of this completion - Top, Bottom, Name (10,994' - 11,067') - CISCO								23. CASING RECORD (Report all strings set in well) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CASING SIZE</th> <th>WEIGHT LB./FT.</th> <th>DEPTH SET</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> <tr> <td>13 3/8"</td> <td>54.5#</td> <td>1558'</td> <td>17 1/2"</td> <td>1500 sx</td> <td></td> </tr> <tr> <td>8 8/5"</td> <td>32#</td> <td>4706'</td> <td>12 1/4"</td> <td>1800 sx</td> <td></td> </tr> <tr> <td>5 1/2"</td> <td>17#</td> <td>12,000'</td> <td>7 7/8"</td> <td>1100 sx</td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13 3/8"	54.5#	1558'	17 1/2"	1500 sx		8 8/5"	32#	4706'	12 1/4"	1800 sx		5 1/2"	17#	12,000'	7 7/8"	1100 sx													
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26. Perforation record (interval, size, and number) (11,034' - 11,067') 0.31" 33 HOLES (11,015' - 11,030') 0.31" 30 HOLES (10,994' - 11,007') 0.31" 26 HOLES				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>(10,994' - 11,067')</td> <td>6,000 gals 15% HCL acid w/ 200 ball sealers</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	(10,994' - 11,067')	6,000 gals 15% HCL acid w/ 200 ball sealers																																		
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28. PRODUCTION																																													
Date First Production 03/08/2013		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PRODUCING																																							
Date of Test 03/23/2013		Hours Tested 24		Choke Size 48/64"		Prod'n For Test Period Oil - Bbl 590 Gas - MCF 560		Water - Bbl. 0 Gas - Oil Ratio 949																																					
Flow Tubing Press. 60		Casing Pressure 0		Calculated 24-Hour Rate Oil - Bbl. 590 Gas - MCF 560		Water - Bbl. 0		Oil Gravity - API - (Corr.) 40																																					
29. Disposition of Gas (Sold, used for fuel, vented, etc.) VENTED								30. Test Witnessed By																																					
31. List Attachments LOGS . DEVIATION REPORT & CORE ANALYSIS																																													
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.																																													
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																																													
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 Nolan von Roeder				Title Engineer		Date 03/25/2013																																					
E-mail Address vonroedern@cmlexp.com																																													

APR 23 2013

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	1475'	T. Canyon	T. Ojo Alamo
T. Salt		T. Strawn	T. Kirtland
B. Salt		T. Atoka	T. Fruitland
T. Yates		T. Miss	T. Pictured Cliffs
T. 7 Rivers		T. Devonian	T. Cliff House
T. Queen		T. Silurian	T. Menefee
T. Grayburg	4118'	T. Montoya	T. Point Lookout
T. San Andres	4450'	T. Simpson	T. Mancos
T. Glorieta		T. McKee	T. Gallup
T. Paddock	6069'	T. Ellenburger	Base Greenhorn
T. Blinbry		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	10,120'	T.	T. Wingate
T. Penn	10,994'	T.	T. Chinle
T. Cisco (Bough C)		T.	T. Permian

OIL OR GAS SANDS OR ZONES

No. 1, from.....6069'.....to.....6098'..... No. 3, from...10,994'.....to.....11,090'.....
No. 2, from.....10,630'.....to.....10,645'..... 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



Weatherford
LABORATORIES

ROTARY SIDEWALL CORE ANALYSIS

HOBBS OCD
MAR 27 2013
RECEIVED

CML EXPLORATION, LLC
MARTIN 11 STATE # 1
LEA COUNTY, NEW MEXICO

A.P.I. NUMBER : 30-025-40910
FIELD : San Mal; Penn
LOCATION: 350' FSL, 800' FWL,
Section 11, T-17-S, R-33-E

FILE NO. : MD-62744
DATE : March 1, 2013
ANALYSTS : WH, SB, JR

DEAN STARK EXTRACTION

SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POR %	PERM mD	SATURATIONS		GAS UNITS	FLUORESCENCE		LITHOLOGY
					Sw	So		%		
1	6082.0	2.85	3.0	tbfa	56.2	8.2	66	40	Brt yl-blu	
2	6086.0	2.86	3.6	0.007	47.3	11.0	102	40	Brt yl-gld	
3	6090.0	2.86	5.6	0.168	40.9	27.4	132	60	Brt yl-gld	
4	6094.0	2.87	10.4	0.412	41.6	25.5	125	80	Brt yl-dl yl-gld	
5	6095.0	2.86	10.6	0.374	57.9	27.1	42	60	Brt yl-dl yl-gld	
6	6099.0	2.86	5.4	0.019	58.0	8.4	115	40	Brt yl-gld	
7	6104.0	2.85	7.8	0.330	16.4	21.7	568	90	Brt yl-gld	
8	6108.0	2.87	10.3	0.052	70.9	8.8	58	40	Brt yl-wht-blu	
9	6787.0	2.85	3.6	0.026	11.2	13.0	106	60	Brt yl-gld	
10	6795.0	2.83	3.6	0.007	10.6	14.7	115	60	Brt yl-gld	
11	6826.0	2.79	1.8	<.001	46.6	0.0	51	0	Mf / cont	
12	6834.0	2.83	6.7	2.206	46.7	24.5	255	80	Brt-dl yl	
13	10025.0	2.72	6.3	<.001	75.8	0.0	52	0	Mf / cont	
14	10030.0	2.72	9.4	0.062	80.8	0.0	56	0	Tr cont	
15	10036.0	2.71	6.9	0.006	71.5	Tr	8	Tr	Brt yl-wht-blu	
16	10422.0	2.71	11.3	34.873	56.7	7.5	29	30	Brt yl-wht-blu	
17	10428.0	2.75	4.8	0.011	32.2	Tr	7	Tr	Brt yl-wht-blu	
18	10429.0	2.72	3.5	<.001	51.5	0.0	63	0	Mf / cont	
19	10443.0	2.73	0.8	<.001	45.8	0.0	19	0	Mf / cont	
20	10637.0	2.71	12.2	1.207	32.5	21.3	182	80	Brt yl-wht-blu	



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					Sw	So		%		
21	10638.0	2.73	10.8	1.088	34.3	21.6	153	80	Brt yl-wht-blu	
22	10690.0	2.75	3.1	tbfa	25.8	0.0	15	0	Mf / cont	
23	10691.0	2.75	1.6	tbfa	37.4	0.0	22	0	Mf / cont	
24	10692.0	2.72	1.5	tbfa	34.0	0.0	21	0	Mf / cont	
25	10859.0	2.63	0.4	<.001	47.0	0.0	11	0	Mf / cont	
26	10871.0	2.79	1.1	tbfa	597.3	0.0	24	0	Mf / cont	
27	10878.5	2.72	0.9	0.049	28.7	0.0	16	0	Mf / cont	
28	10902.0	2.72	0.8	0.004	21.1	0.0	34	0	Mf / cont	
29	10939.0	2.70	3.4	<.001	81.0	Tr	16	Tr	Brt yl frags	
30	10996.0	2.72	1.7	tbfa	26.8	0.0	89	0		
31	11004.0	2.78	3.5	tbfa	40.4	0.0	54	0	cont	
32	11020.0	2.76	2.2	0.002	39.9	0.0	15	0	cont	
33	11021.0	2.73	4.5	0.278	34.1	Tr	104	10	Brt yl-wht-blu	
34	11022.0	2.73	6.2	15.678	11.4	13.2	199	80	Brt yl-wht-blu	
35	11024.0	2.73	6.4	9.218	11.9	13.8	218	80	Brt yl-wht-blu	
36	11029.0	2.73	7.0	9.720	12.4	13.9	26	80	Brt yl-wht-blu	
37	11036.0	2.73	4.0	<.001	60.1	0.0	19	0	Mf / cont	
38	11036.5	2.75	3.2	<.001	64.6	0.0	20	0	Mf / cont	
39	11706.0	2.51	3.7	<.001	90.5	0.0	298	0		
40	11710.0	2.55	4.7	<.001	88.5	0.0	362	0		



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SAMPLE	DEPTH	GRAIN	POR	PERM	SATURATIONS		GAS	FLUORESCENCE		
NO.	ft	DENSITY	%	mD	Sw	So	UNITS	%		LITHOLOGY

41	11713.0	2.56	6.8	<.001	90.0	0.0	286	0	Mf	
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