

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 RECEIVED Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised August 1, 2011	
		1. WELL API NO. 30-025-41151		2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN	
		3. State Oil & Gas Lease No. 39864		5. Lease Name or Unit Agreement Name CW 14 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 EXPORATION, LLC		9. OGRID 256512			
10. Address of Operator P.O. BOX 890 SNYDER, TX 79550		11. Pool name or Wildcat SANMAL; PENN			
12. Location	Unit Ltr	Section	Township	Range	Lot
Surface:	J	14	17S	33E	1975
BH:					
13. Date Spudded 5/17/13	14. Date T.D. Reached 6/9/13	15. Date Rig Released 6/13/13		16. Date Completed (Ready to Produce) 9/10/13	
17. Elevations (DF and RKB, RT, GR, etc.) 4129' GR					
18. Total Measured Depth of Well 12,220'		19. Plug Back Measured Depth 12,121'		20. Was Directional Survey Made? NO	
21. Type Electric and Other Logs Run DSNT/ SDT, BSAT, DLLT/M GRD					
22. Producing Interval(s), of this completion - Top, Bottom, Name (12,097'-12,112') (11,943'- 11,949') CANYON, (11,219'- 11,228'), (11,198'- 11,208') CISCO					
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	1558'	17 1/2"	1535 sx	
8 5/8"	32	4615'	12 1/4"	1610 sx	
5 1/2"	17	12,213'	7 7/8"	900 sx	
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2 7/8"	11,008'				
26. Perforation record (interval, size, and number) (11,198'- 11,208') .31" 4 spf 40 holes (11,219'- 11,228') .31" 4 spf 39 holes (11,943 - 11,949') .31" 2 spf 12 holes (12,097' - 12,112') .31" 2 spf 30 holes			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 11,943' - 12,112' 7,000 gals 15% HCL, 143k gals slickwater, 4,400# 100 mesh, 48k # 30/50 11,198' - 11,228' 3,200 gals 15% HCL, 85k gals 20# gel, 48k # 30/50 ISP		
28. PRODUCTION					
Date First Production 9/22/2013		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING, 1.5"x 24' rod pump		Well Status (Prod. or Shut-in) PRODUCING	
Date of Test 10/2/2013	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 33	Gas - MCF 33
Water - Bbl. 19	Gas - Oil Ratio 1000				
Flow Tubing Press. 180	Casing Pressure 20	Calculated 24- Hour Rate	Oil - Bbl. 33	Gas - MCF 33	Water - Bbl. 19
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 SURVEY, 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 JORDAN OWENS		Title ENGINEER	Date 10/8/2013
E-mail Address OWENSJ@CMLEXP.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 11,797	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 5955	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 6130	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry 6756	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 10,073	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C) 11,104	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from...11,104.....to.....11,400.....

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

No. 2, from...11,797.....to.....12,100.....

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

OPERATOR CML EXPLORATION, LLC
WELL/LEASE CW 14 STATE 001
COUNTY LEA

435-0050

STATE OF NEW MEXICO
DEVIATION REPORT

250	0.20
500	0.40
750	0.20
1,000	0.30
1,280	0.40
1,950	0.70
2,452	0.20
2,961	0.70
3,436	0.10
3,849	0.10
4,293	0.40
4,537	0.10
5,038	0.20
5,554	0.10
6,030	0.10
6,607	0.40
7,076	0.50
7,578	0.40
8,046	0.70
8,598	0.60
9,105	0.10
9,611	0.20
10,120	0.20
10,625	0.60
11,039	0.30
11,515	0.60
12,220	0.50

HOBBS OCD

OCT 10 2013

RECEIVED

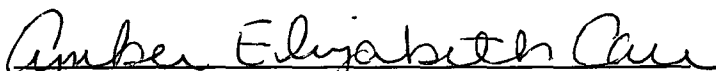
STATE OF TEXAS

BY: 

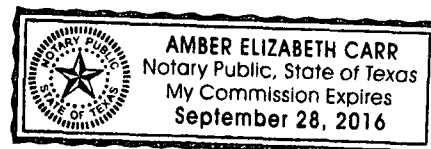
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Steve Moore on behalf of Patterson-UTL Drilling Company LLC.

6/30/13, by


Notary Public for Midland County, Texas
My Commission Expires:







Weatherford[®]
LABORATORIES

HOBBS OCD

OCT 10 2013

RECEIVED

ROTARY SIDEWALL CORE ANALYSIS REPORT
FOR
CML EXPLORATION, LLC
CW 14 STATE # 1
LEA COUNTY, NEW MEXICO

CML EXPLORATION, LLC
CW 14 STATE # 1
LEA COUNTY, NEW MEXICO
U.S.A.
File: MD-65301



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LABORATORIES

ROTARY SIDEWALL CORE ANALYSIS

CML EXPLORATION, LLC
CW 14 STATE # 1
LEA COUNTY, NEW MEXICO

A.P.I. NUMBER : 30-025-41151
FIELD : SANMAL; Penn
LOCATION: 1975' FSL, 2225' FEL,
Section 14, T-17-S, R-33-E

FILE NO. : MD-65301
DATE : June 18, 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	6253.0	2.86	8.6	0.220	16.8	19.5	375	80	Brt yl-dl yl-gld	Dol tn-crm slty abd sc sml vugs
2	6254.0	2.86	11.2	2.544	26.8	20.4	280	90	Yl-gld	Dol tn-crm slty abd sc sml vugs tr cl
3	6255.0	2.86	11.2	25.748	35.0	20.3	228	90	Yl-gld	Dol tn-crm slty abd sc sml vugs tr cl tr hl frac
4	6260.0	2.86	8.8	0.020	69.3	Tr	0	Tr	Yl-gld	Dol tn-crm slty sc sml vugs
5	10075.0	2.71	13.7	0.015	54.0	Tr	0	Tr	Yl-gld	Ls tn-crm slty abd sc sml vug & ool
6	10371.0	2.71	11.3	6.071	21.8	16.4	182	60	Brt yl-wht-blu	Ls tn-crm slty sc sml vug & ool
7	10461.0	2.71	5.7	0.044	63.0	0.0	0	0	Cont	Ls tn-crm slty sc sml vug tr cl
8	10636.0	2.73	8.2	0.114	8.0	12.4	188	80	Brt yl-wht-blu	Ls tn-crm slty sc sml vug calc fd frac
9	10638.0	2.72	8.8	0.197	13.3	15.4	147	80	Brt yl-wht-blu	Ls tn-crm slty sc sml vug sc cl
10	10640.0	2.72	9.5	0.337	15.8	14.9	159	80	Brt yl-wht-blu	Ls tn-crm slty sc sml vug sc foss
11	10840.5	2.72	8.5	0.093	60.3	Tr	0	Tr	Brt-dl yl	Ls tn-crm slty sc sml vug tr foss tr cl
12	11037.0	2.58	0.6	<.001	13.7	Tr	11	Tr	Brt-dl yl	Sh dk gy-blk ssly sc calc incl tr pyr
13	11044.0	2.60	0.5	<.001	67.5	Tr	10	Tr	Brt-dl yl	Sh dk gy-blk ssly sc slty intrbd & lam tr pyr
14	11131.0	2.86	3.4	tbfa	4.3	Tr	25	10	Brt yl-wht-blu	Dol tn-crm slty sc sml vug
15	11132.0	2.88	3.1	tbfa	6.7	Tr	9	Tr	Brt yl-wht-blu	Dol tn-crm slty sc sml vug
16	11133.0	2.88	4.0	0.008	9.2	Tr	0	Tr	Brt-dl yl	Dol brn-tn sli suc slty sc sml vug & ool
17	11200.0	2.76	4.6	0.040	60.8	Tr	0	Tr	Brt-dl yl	Ls tn-crm slty sc sml vug
18	11202.0	2.74	4.6	0.034	53.8	Tr	0	Tr	Brt-dl yl-wht	Ls tn-crm slty abd sc sml vug sc calc fd frac
19	11203.0	2.74	7.4	0.443	47.0	9.3	23	60	Brt-dl yl-wht	Ls tn-crm slty sc sml vug sc cl

* = Not Measured



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DEAN STARK EXTRACTION

SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POR %	PERM mD	SATURATIONS Sw	So	GAS UNITS	FLUORESCENCE %	LITHOLOGY
20	11204.0	2.74	7.3	0.109	69.8	Tr	0	Tr	Brt-dl yl-wht Ls brn-tn slty sc sml vug
21	11507.0	2.55	0.9	<.001	73.6	*	393	0	DI mf Sh blk-dk gy ssly sc slty intrbd sc calc incl
22	11945.0	2.84	13.8	0.197	26.3	15.3	730	60	DI yl-wht Dol brn-tn slty sc sml vug sc calc fd vug
23	12096.0	2.63	4.6	<.001	70.0	*	905	0	DI mf Sh blk-dk gy ssly sli brit sc slty intrbd tr mc
24	12098.0	2.52	5.3	<.001	61.7	*	898	Tr	DI yl-wht Sh blk-dk gy ssly sli brit sc slty intrbd
25	12100.0	2.61	2.9	<.001	52.1	*	900	Tr	DI yl-wht Sh blk-dk gy ssly sc slty intrbd lrg ls intrbd
26	12102.0	2.52	5.2	<.001	51.3	*	902	0	Sh blk-dk gy ssly sc slty intrbd
27	12104.0	2.52	5.0	<.001	50.5	*	894	0	Sh blk-dk gy ssly sc slty intrbd tr ls intrbd
28	12106.0	2.51	5.2	<.001	46.0	*	899	0	Sh blk-dk gy ssly sc slty intrbd tr pyr tr calc
29	12108.0	2.53	4.9	<.001	59.7	*	889	0	Sh blk-dk gy ssly sc slty intrbd tr pyr tr calc
30	12110.0	2.55	5.3	<.001	69.8	*	904	0	Sh blk-dk gy ssly sc slty intrbd tr pyr tr calc

* = Not Measured