

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						
AUG 17 2012 RECEIVED				1. WELL API NO. 30-025-40562 2. Type of Lease ☐ STATE ☒ FEE ☐ FED/INDIAN 3. State Oil & Gas Lease No 38266						
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
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)				5. Lease Name or Unit Agreement Name HENRY 24 6. Well Number: 2						
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
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 PEARL; QUEEN						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	24	19S	35E		660	N	660	E	LEA
BH:										
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released		16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)				
06/22/2012	06/29/2012	06/30/2012		08/11/2012		3711' GR				
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run				
5200'		4900'		NO		SD/DSN/DLL/MG/GR				
22. Producing Interval(s), of this completion - Top, Bottom, Name (4868-4887') QUEEN										
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#		1800'		12-1/4"		750 SX		0
5-1/2"		17#		5186'		7-7/8"		725 SX		0
24. LINER RECORD SIZE TOP BOTTOM SACKS CEMENT SCREEN						25. TUBING RECORD SIZE DEPTH SET PACKER SET				
						2-3/8" 4802'				
26. Perforation record (interval, size, and number) (4909-16') 0.31" 21 holes (4868-70') 0.31" 6 holes (4879-87') 0.31" 8 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 4909-16' 1500 gals 15% HCL, CIBP @4900' 4868-87' 1500 gals 15% HCL, 36,700 gals 20# gel, 43,500# 20/40 sand				
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
08/12/2012		PUMPING 1 1/2" ROD PUMP				PRODUCING				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
08/13/2012	24			55	11	117	200			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
100	50		55	11	117	36°				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) VENTED						30. Test Witnessed By				
31. List Attachments LOGS, DEVIATION RECORD, 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			Title			Date			
	Nolan von Roeder			Engineer			08/15/2012			
E-mail Address vonroedern@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	1748'	T. Canyon	T. Ojo Alamo
T. Salt		T. Strawn	T. Kirtland
B. Salt		T. Atoka	T. Fruitland
T. Yates	3368'	T. Miss	T. Pictured Cliffs
T. 7 Rivers	3684'	T. Devonian	T. Cliff House
T. Queen	4466'	T. Silurian	T. Menefee
T. Grayburg		T. Montoya	T. Point Lookout
T. San Andres		T. Simpson	T. Mancos
T. Glorieta		T. McKee	T. Gallup
T. Paddock		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		T.	T. Wingate
T. Penn		T.	T. Chinle
T. Cisco (Bough C)		T.	T. Permian

OIL OR GAS SANDS OR ZONES

No. 1, from.....4868'.....to.....4887'.....
No. 2, from.....4906'.....to.....4916'.....

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



HOBBS OCD

AUG 17 2012

RECEIVED

30-025-40562

ROTARY SIDEWALL CORE ANALYSIS REPORT

FOR

CML EXPLORATION, LLC

HENRY 24 # 2

LEA COUNTY, NEW MEXICO

CML EXPLORATION, LLC
HENRY 24 # 2
LEA COUNTY, NEW MEXICO
U.S.A.
File: MD-58581



Weatherford[®]

LABORATORIES

CML EXPLORATION, LLC
HENRY 24 NO. 2
LEA COUNTY, NEW MEXICO

ROTARY SIDEWALL CORE ANALYSIS

A.P.I. NUMBER : 30-025-40562
FIELD : Pearl, Queen
LOCATION: 660' FNL, 660' FEL,
Section 24, T-19-S, R-35-E, Unit A

FILE NO. : MD-58581
DATE : July 10, 2012
ANALYSTS : WH, SB, JR

DEAN STARK EXTRACTION

SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POR %	PERM mD	SATURATIONS		GAS UNITS	FLUORESCENCE		LITHOLOGY
					Sw	So		%	%	
1	3632.0	2.95	1.5	0.017	71.0	0.0	1	0		Anhy blu-gy dns sslyt sc shy intrbd
2	3708.0	2.75	7.0	0.087	84.8	0.0	3	0		Ss opaq-tn-brn-rd f-mgr sbrnd-sbang sslyt sc slty intrbd
3	4895.0	2.85	4.1	0.050	79.2	0.0	5	0	Mf	Dol tn-brn sslyt sc slty intrbd
4	4896.0	2.86	3.9	0.009	82.8	0.0	4	0	Mf	Dol tn-brn sslyt sc slty intrbd
5	4903.0	2.84	5.8	0.071	78.7	0.0	2	0	Mf	Dol crm-tn-brn sslyt
6	4904.0	2.81	6.6	0.110	81.2	Tr	6	Tr	Brt yl	Dol tn-brn sslyt sc slty intrbd sc sty
7	4911.0	2.85	12.4	0.480	25.7	24.7	398	90	Brt yl	Dol tn-brn sslyt ssdy foss sc sml A/I
8	4912.0	2.86	12.3	0.289	20.7	22.8	551	90	Brt yl	Dol tn-brn sslyt ssdy sc foss sc sml A/I
9	4913.0	2.85	11.6	0.116	31.9	26.6	428	70	Brt yl	Dol tn-brn sslyt ssdy sc foss sty
10	4935.0	2.80	4.2	0.135	86.0	0.0	2	0	Mf	Dol crm-tn sslyt sc sml A/I
11	4936.0	2.86	6.3	0.115	82.4	Tr	1	Tr	Brt yl	Dol crm-tn sslyt tr sml vug sc sml A/I
12	4937.0	2.86	8.6	0.124	77.6	Tr	8	Tr	Brt yl	Dol crm-tn sslyt sc sml A/I
13	4939.0	2.87	4.9	0.120	40.8	22.0	121	60	Brt yl	Dol tn-brn sslyt sli anhyd sc sml A/I
14	5035.0	2.85	3.6	0.061	82.3	0.0	3	0	Mf	Dol tn-gy sslyt sc sml A/I sc sty
15	5042.0	2.86	3.6	0.045	77.0	0.0	1	0	Mf	Dol tn-gy sslyt sc sml A/I
16	5045.0	2.86	13.1	0.493	27.9	23.0	771	90	Brt yl-dl yl	Dol tn-brn sslyt sc ppp-sml vug sc sml A/I sc sty
17	5046.0	2.88	7.2	0.096	33.6	25.2	154	80	Brt yl-dl yl	Dol tn-brn sslyt sc A/I sty
18	5047.0	2.87	4.2	0.051	38.7	13.2	98	20	Brt yl-dl yl	Dol crm-tn sslyt sc sml A/I
19	5073.0	2.87	5.0	<.001	80.7	0.0	1	0	Mf	Dol crm-tn-brn sslyt sli anhyd sc A/I



Weatherford
LABORATORIES

CML EXPLORATION, LLC
HENRY 24 NO. 2
LEA COUNTY, NEW MEXICO

A.P.I. NUMBER : 30-025-40562
FIELD : Pearl, Queen
LOCATION: 660' FNL, 660' FEL,

FILE NO. : MD-58581
DATE : July 10, 2012
ANALYSTS : WH, SB, JR

Section 24, T-19-S, R-35-E, Unit A

DEAN STARK EXTRACTION

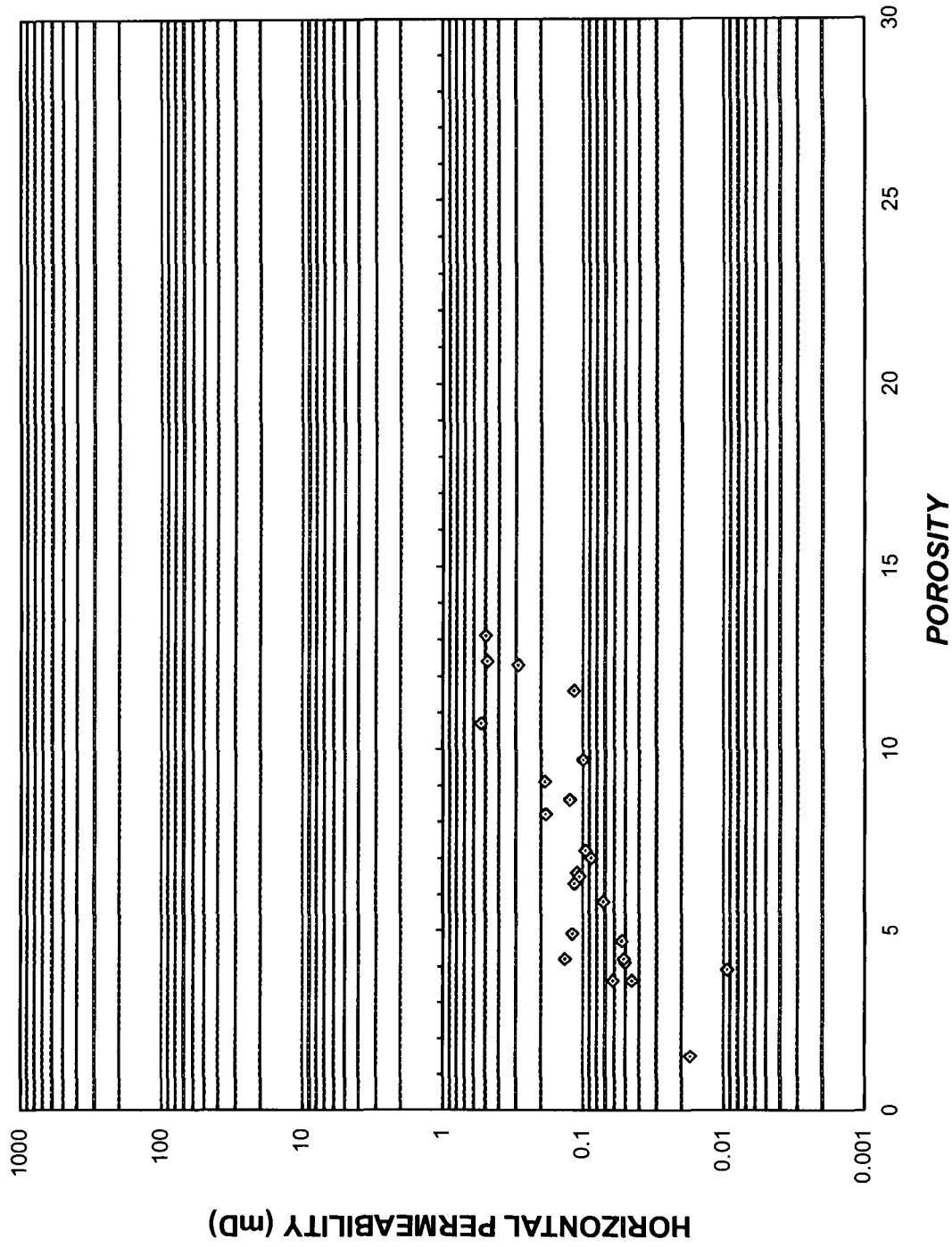
SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POR %	PERM mD	SATURATIONS		GAS UNITS	FLUORESCENCE		LITHOLOGY
					Sw	So		%		
20	5074.0	2.87	6.5	0.106	82.4	0.0	2	0	Mf	Dol crm-tn ssly sc A/I sc slty lam
21	5075.0	2.87	4.7	0.053	80.2	0.0	2	0	Mf	Dol crm-tn ssly tr ppp-sml vug sc A/I
22	5088.0	2.87	8.2	0.184	67.8	8.5	53	40	Brt yl	Dol crm-tn-brn ssly tr ppp-sml vug sc A/I
23	5089.0	2.87	10.7	0.531	32.1	26.9	168	80	Brt yl	Dol tn-brn ssly sc ppp-sml vug sc A/I sc sty
24	5090.0	2.87	9.7	0.100	32.4	25.0	261	80	Brt yl	Dol tn-brn ssly sc ppp-sml vug sc A/I
25	5091.0	2.86	9.1	0.187	91.3	0.0	7	0	Mf	Dol crm-tn-brn ssly sc ppp-sml vug sc smI A/I

ROTARY SIDEWALL CORE ANALYSIS



Weatherford[®]
LABORATORIES

CML EXPLORATION, LLC
HENRY 24 # 2





Weatherford[®]
LABORATORIES

CML EXPLORATION, LLC

HENRY 24 NO. 2

7/17/2012

QUALITY CONTROL RERUN DATA

Sample No.	GRAIN DENSITY		POROSITY		<i>k</i> standard Test Sample	PERMEABILITY	
	original	reruns	original	reruns		original	reruns
4	2.857	2.858	3.89	3.91	2.614	0.009	0.009
9	2.853	2.852	11.57	11.55		0.116	0.116
13	2.871	2.872	4.90	4.92		0.120	0.121
16	2.856	2.858	13.10	13.15		0.493	0.498
19	2.872	2.873	5.02	5.04	2.621	<.001	<.001
24	2.873	2.874	9.68	9.71		0.100	0.101