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

HOBBS OCD
DEC 20 2011
RECEIVED

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. 30-025-40250
2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN
3. State Oil & Gas Lease No. 37462

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: PADDY 15 STATE
6. Well Number: 3

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: LEAMEX; PADDOCK

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	F	15	17S	33E		1980	N	1650	W	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.)
09/23/2011	10/04/2011	10/06/2011	12/09/2011	4173' GR

18. Total Measured Depth of Well	19 Plug Back Measured Depth	20 Was Directional Survey Made?	21. Type Electric and Other Logs Run
6375'	6321'	NO	DSN/SD/DLL/GR

22. Producing Interval(s), of this completion - Top, Bottom, Name
(6193' – 6229') PADDOCK

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#	1580'	12-1/4"	810 SX	0
5-1/2"	17#	6375'	7-78"	1100 SX	0

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	6138'	

26 Perforation record (interval, size, and number)
6193' – 6229' 0.31" 72 HOLES

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6193' – 6229'	4000 gals 20% HCL acid

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
12/12/2011	PUMPING 1½" ROD PUMP	PRODUCING

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio
12/15/2011	24			64	28	24	438

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
50	50		64	28	24	39°

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*: SOLD
30. Test Witnessed By:

31. List Attachments: Deviation report, logs, core data

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 Nolan von Roeder Printed Name Nolan von Roeder Title Engineer Date 12/19/2011

E-mail Address vonroedern@cmlexp.com

DEC 21 2011

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 1472'	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 4190'	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 4378'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 6054'	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.....6096'.....to.....6122'..... No. 3, from.....to.....

No. 2, from.....6193'.....to.....6229'..... 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

CORE ANALYSIS PROCEDURES

FOR

CML EXPLORATION, LLC

PADDY 15 STATE # 3

LEA COUNTY, NEW MEXICO

The Rotary Sidewalls were picked up by Weatherford Laboratories.

Gases from the Sidewalls were measured by Hot Wire Chromatography and reported in Gas Units.

A brief Lithological Description of the Sidewalls was recorded.

A description of the Fluorescence of the Sidewalls was recorded.

Ultraviolet Light Photographs were taken of the Sidewalls for a permanent record.

Natural Light Photographs were taken of the Sidewalls for a permanent record.

Composite Photographs of the Sidewall End Trims were taken under Natural and Ultraviolet Light.

The Sidewalls were extracted utilizing the Dean Stark method.

The fluids were measured by the Dean Stark method.

Porosities were measured in a Boyle's Law Porosimeter utilizing Helium.

Permeabilities were measured in a Hassler Sleeve Permeameter utilizing Nitrogen at 300 psi confining pressure.

Test samples of a known permeability were measured before and after the Sidewall permeabilities were measured.

ROTARY SIDEWALL CORE ANALYSIS

Weatherford
LABORATORIES

CML EXPLORATION, LLC
PADDY 15 STATE NO.3
LEA COUNTY, NEW MEXICO

A.P.I. NUMBER : 30-025-40250
FIELD : Leamex (Paddock)
LOCATION: 1980' FNL, 1650' FWL,
Section 15, T-17-S, R-33-E

FILE NO. : MD-544420
DATE : October 8, 2011
ANALYSTS : WH, SB, JR

DEAN STARK EXTRACTION

SAMPLE	DEPTH	GRAIN	POR	PERM	SATURATIONS		GAS	FLUORESCENCE		
NO.	ft	DENSITY	%	mD	Sw	So	UNITS	%		LITHOLOGY
1	6099.0	2.85	5.0	0.076	98.7	0.0	66	0	cont	Dol crm-tn sslty ssdy sc ppp-sml vug sc A/I
2	6100.0	2.84	12.4	0.287	38.7	23.0	405	70	Brt yl-wht-blu	Dol crm-tn sslty suc i/p sc ppp-sml vug sc A/I
3	6101.0	2.85	6.5	0.098	42.1	9.2	164	30	Brt yl-wht	Dol crm-tn sslty sc ppp-sml vug
4	6110.0	2.86	6.7	0.058	24.8	15.7	234	70	Brt yl-wht	Dol crm-tn sslty sc ppp-sml vug sc A/I
5	6115.0	2.86	4.8	0.133	19.0	14.7	264	60	Brt yl-wht	Dol tn-brn sslty sc ppp-sml vug sc A/I
6	6111.0	2.86	6.5	0.060	25.2	17.3	260	50	Brt yl-wht	Dol tn-brn sslty sc ppp-sml vug sc sml-lrg A/I
7	6119.0	2.84	15.6	62.008	32.6	23.9	566	100	Brt yl-wht-blu	Dol tn-brn sslty suc abd ppp-sml vug sc A/I
8	6120.0	2.87	6.3	0.047	55.2	15.4	69	20	Dl yl-gld	Dol tn-brn sslty sc ppp-sml vug sc A/I
9	6171.0	2.86	9.4	0.020	56.1	15.7	137	20	Dl yl-gld	Dol tn-brn sslty sc ppp-sml vug sc sml A/I sty
10	6185.2	2.84	9.3	0.031	98.9	0.0	8	0	cont	Dol tn-brn mod-sslty tr ppp-sml vug sc pyr nod
11	6195.2	2.85	9.5	1.620	18.2	15.4	448	100	Brt yl-wht-blu	Dol tn-brn sslty suc i/p sc ppp-sml vug sc A/I
12	6199.0	2.85	8.2	0.336	25.5	27.5	462	80	Brt yl-wht-blu	Dol tn-brn sslty suc i/p sc ppp-sml vug sc A/I
13	6202.0	2.84	9.2	4.331	20.3	15.7	221	80	Brt yl-wht-blu	Dol tn-brn sslty suc i/p sc ppp-sml vug sc A/I
14	6203.0	2.86	13.9	2.562	26.4	18.2	469	90	Brt yl-wht-blu	Dol tn-brn sslty suc i/p sc ppp-sml vug sc A/I
15	6204.0	2.85	10.4	0.719	19.8	21.2	596	90	Brt yl-wht-blu	Dol tn-brn sslty suc i/p sc ppp-sml vug sc A/I
16	6217.0	2.86	8.9	0.300	31.4	14.8	199	40	Brt yl-gld	Dol tn-brn sslty sc ppp-sml vug sc A/I sty
17	6218.0	2.87	9.6	0.204	28.0	16.9	384	80	Brt yl-gld	Dol tn-brn sslty sc ppp-sml vug sc A/I
18	6219.0	2.87	13.3	10.683	27.1	15.7	308	90	Brt yl-gld	Dol tn-brn sslty suc i/p sc ppp-sml vug sc A/I
19	6224.0	2.85	8.3	0.086	9.5	13.2	885	90	Brt yl-gld	Dol tn-brn sslty sc ppp-sml vug sc A/I

ROTARY SIDEWALL CORE ANALYSIS

Weatherford LABORATORIES

CML EXPLORATION, LLC
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LEA COUNTY, NEW MEXICO

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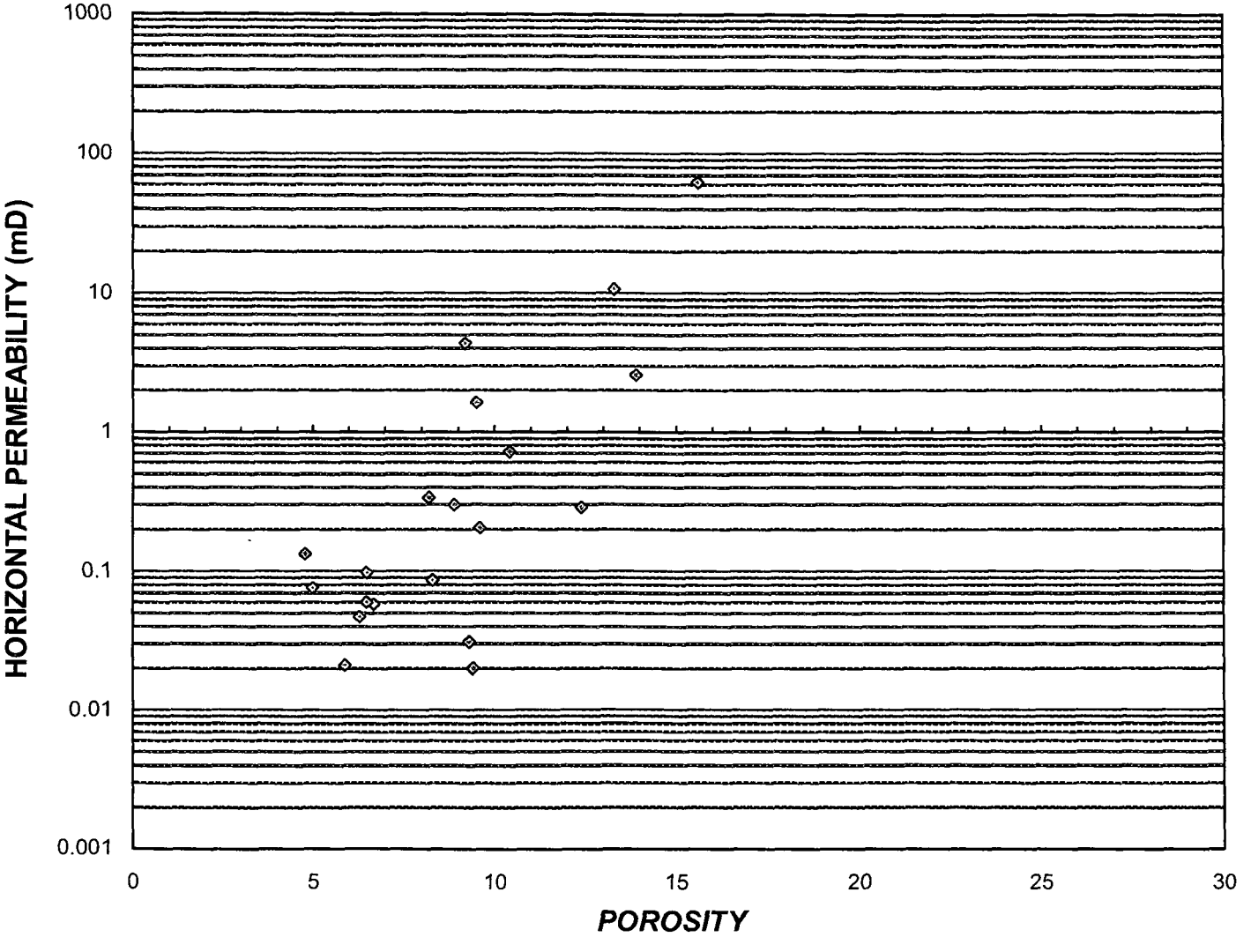
SAMPLE	DEPTH	GRAIN	POR	PERM	SATURATIONS		GAS	FLUORESCENCE		
NO.	ft	DENSITY	%	mD	Sw	So	UNITS	%		LITHOLOGY
20	6228.0	2.84	5.9	0.021	17.1	18.0	726	60	Brt yl-gld	Dol tn-brn sslty sc ppp-sml vug sc A/I

Weatherford
LABORATORIES

CML EXPLORATION, LLC
PADDY 15 STATE # 3



Weatherford
LABORATORIES

CML EXPLORATION, LLC
PADDY 15 STATE NO.3
10/8/2011

QUALITY CONTROL RERUN DATA

Sample	GRAIN DENSITY		POROSITY		*kstandard*	PERMEABILITY	
No.	original	reruns	original	reruns	Test Sample	original	reruns
2	2.837	2.838	12.44	12.48	**2.616**	0.287	0.278
7	2.841	2.842	15.60	15.62		62.008	62.760
10	2.837	2.836	9.29	9.25			
12	2.852	2.851	8.21	8.19		0.336	0.327
14	2.864	2.865	13.87	13.88			
20	2.842	2.843	5.92	5.96	**2.609**	0.021	0.020