

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 OGD

APR 11 2012

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. 40392
30-025-39919

2 Type of Lease
☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No 38326

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
BEAMS 15 STATE

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
SANMAL, PENN

12. Location
Surface: D 15 17S 33E 450 NORTH 885 WEST LEA
BH:

13. Date Spudded 01/20/2012
14. Date T.D. Reached 02/20/2012
15. Date Rig Released 02/26/2012
16. Date Completed (Ready to Produce) 03/13/2012
17. Elevations (DF and RKB, RT, GR, etc.) 4176' GR

18. Total Measured Depth of Well 11,600'
19. Plug Back Measured Depth 11,420'
20. Was Directional Survey Made? NO
21. Type Electric and Other Logs Run DSN/SD/GR/DLL/BSAT

22 Producing Interval(s), of this completion - Top, Bottom, Name
11,057' 11,143' 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#	1565'	17-1/2"	1250 sx	0
8-5/8"	32#	4514'	12-1/4"	1950 sx	0
5-1/2"	17#	11,567'	7-7/8"	1150 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	10,907'	10,915'

26. Perforation record (interval, size, and number)

11,057' - 11,102'	0 31	90 holes
11,109' - 11,112'	0 31	9 holes
11,120' - 11,143'	0 31	46 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,057 - 11,143'	5000 gals 15% HCL NeFe

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
03/13/2012	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio
03/20/2012	24 Hours	18/64"		179	268	3	1500

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr)
450	0		179	268	3	42°

29. Disposition of Gas (Sold, used for fuel, vented, etc)

30. Test Witnessed By

31. List Attachments
Logs, deviation report, 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 [Signature] Printed Name Nolan von Roeder Title Engineer Date 03/30/2012

E-mail Address vonroedern@cmlexp.com

APR 19 2012

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	1470'	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	4100'	T. Montoya	T. Point Lookout
T. San Andres	4390'	T. Simpson	T. Mancos
T. Glorieta		T. McKee	T. Gallup
T. Paddock	6122'	T. Ellenburger	Base Greenhorn
T. Blinebry		T. Gr. Wash	T. Dakota
T. Tubb		T. Delaware Sand	T. Morrison
T. Drinkard		T. Bone Springs	T. Todilto
T. Abo	8890'	T.	T. Entrada
T. Wolfcamp	10,170'	T.	T. Wingate
T. Penn	11,057'	T.	T. Chinle
T. Cisco (Bough C)		T.	T. Permian

OIL OR GAS SANDS OR ZONES

No. 1, from.....6122'.....to.....6230'..... No. 3, from.....10,960'.....to.....10,970'.....
No. 2, from.....10,640'.....to.....10,650'..... No. 4, from.....11,057'.....to.....11,143'.....

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



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HOBBS OCD

APR 11 2012

RECEIVED

ROTARY SIDEWALL CORE ANALYSIS REPORT

FOR

CML EXPLORATION, LLC

BEAMS 15 STATE # 2

LEA COUNTY, NEW MEXICO

CML EXPLORATION, LLC
BEAMS 15 STATE # 2
LEA COUNTY, NEW MEXICO
U.S.A.
File: MD-56592



CORE ANALYSIS PROCEDURES
FOR
CML EXPLORATION, LLC
BEAMS 15 STATE # 2
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.

CML EXPLORATION, LLC
BEAMS 15 STATE # 2
LEA COUNTY, NEW MEXICO
U.S.A.
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ROTARY SIDEWALL CORE ANALYSIS

CML EXPLORATION, LLC
BEAMS 15 STATE #2
LEA COUNTY, NEW MEXICO

A.P.I. NUMBER : 30-025-40392
FIELD : SANMAL (Penn)
LOCATION: 450' FNL, 885' FWL,
Section 15, T-17-S, R-33-E

FILE NO. : MD-56592
DATE : March 1, 2012
ANALYSTS : WH, SB, JR

DEAN STARK EXTRACTION

SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POR %	PERM mD	SATURATIONS Sw	So	GAS UNITS	FLUORESCENCE %	LITHOLOGY
1	6169.0	2.84	7.4	0.023	90.2	0.0	9	0	Cont Dol tn-gy sslty sc slty lam sc sty
2	6179.5	2.86	5.2	0.015	79.3	0.0	5	0	Cont Dol tn-gy sslty sc sml A/I sc pyr sty
3	6186.0	2.85	11.7	7.211	33.0	24.6	373	90	Yl-gld Dol tn-brn sslty abd ppp-sml vug
4	6188.0	2.86	9.5	1.444	35.8	21.3	282	80	Yl-gld Dol tn-brn sslty sc ppp-sml vug sc sml A/I frac sty
5	6207.0	2.87	8.6	0.357	14.0	22.0	638	80	Yl-gld Dol tn-brn sslty sc ppp-sml vug sc sml A/I
6	6223.0	2.85	9.8	0.062	66.4	8.6	101	10	Brn Yl-wht-grn Dol crm-tn-brn sslty sc vug
7	6234.0	2.86	14.8	153.125	37.5	29.9	31	60	Dll Brn Dol tn-brn sslty abd ppp-sml vug suc i/p sc sml A/I
8	6242.0	2.85	10.3	0.241	32.9	31.5	388	60	Dll Brn Dol tn-brn sslty sc ppp-sml vug sc sml A/I
9	6250.0	2.86	11.7	1.068	20.4	25.3	587	80	Dll Gld-brn Dol tn-brn sslty sc ppp-sml vug sli suc sc sml A/I
10	6261.0	2.85	7.2	0.076	85.3	Tr	18	10	Dll Gld-brn Dol tn-brn sslty tr ppp-sml vug sc foss sc slty intrbd
11	6281.0	2.84	6.9	0.080	93.1	0.0	3	0	Cont Dol tn-brn-gy sslty sc ppp-sml vug sc sml A/I sc slty intrbd
12	10269.0	2.71	5.2	0.045	17.9	15.6	319	90	Brn Yl-wht-grn Ls crm-tn sslty tr ppp-sml vug sc foss tr sml A/I
13	10301.0	2.71	8.0	0.252	27.4	14.4	333	70	Brn Yl-wht-grn Ls crm-tn sslty sc ppp-sml vug sc foss
14	10416.0	2.73	8.9	0.623	83.0	Tr	7	Tr	Yl-wht Ls crm-tn sslty sc ppp-sml vug sc foss
15	10437.0	2.71	6.5	0.057	90.0	0.0	5	0	Cont Ls crm-tn sslty sc ppp-sml vug sc foss sty
16	10571.0	2.71	11.3	1.320	93.0	Tr	3	Tr	Yl-wht Ls crm-tn sslty sc ppp-sml vug sc foss
17	10576.0	2.72	9.8	1.303	95.0	0.0	4	0	Mf Ls crm-tn sslty sc ppp-sml vug sc foss sc pyr
18	10643.0	2.71	16.0	8.796	34.2	25.8	779	90	Brn Yl-wht-grn Ls crm-tn sslty abd ppp-sml vug foss
19	10646.0	2.72	10.9	0.610	34.7	26.3	443	90	Brn Yl-wht-grn Ls crm-tn sslty abd ppp-sml vug foss



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BEAMS 15 STATE #2
LEA COUNTY, NEW MEXICO

A.P.I. NUMBER : 30-025-40392
FIELD : SANMAL (Penn)
LOCATION: 450' FNL, 885' FWL,
Section 15, T-17-S, R-33-E

FILE NO. : MD-56592
DATE : March 1, 2012
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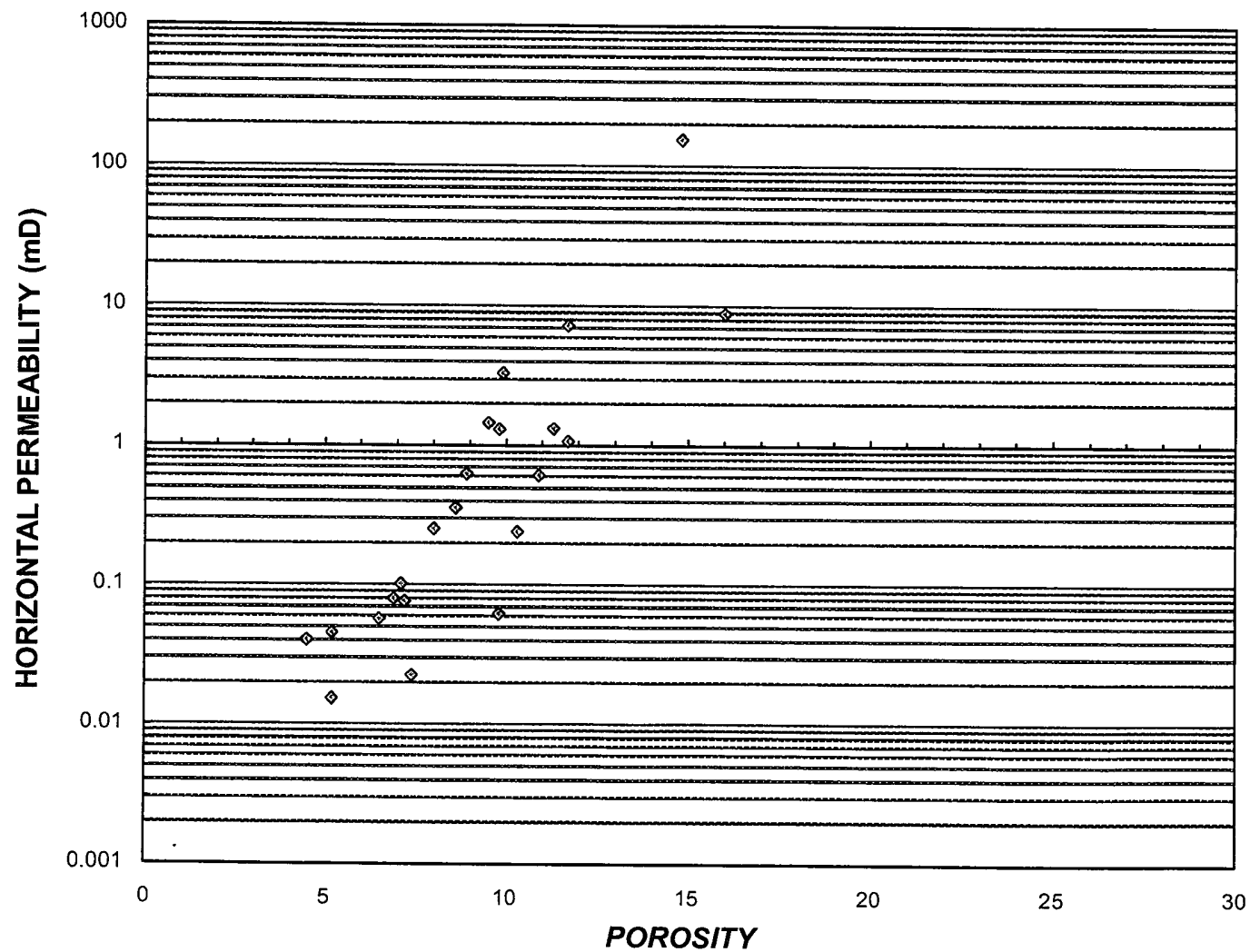
DEAN STARK EXTRACTION

SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POR %	PERM mD	SATURATIONS		GAS UNITS	FLUORESCENCE		LITHOLOGY
					Sw	So		%		
20	10647.0	2.72	9.9	3.279	28.3	24.6	488	80	BrYl-wht-grn	Ls crm-tn ssly sc ppp-sml vug foss
21	10679.0	2.71	7.1	0.101	81.1	Tr	21	Tr	BrYl-wht-grn	Ls crm-tn ssly sc ppp-sml vug sc foss
22	10680.0	2.71	4.5	0.040	79.6	0.0	8	0	Cont/Mf	Ls crm-tn ssly tr ppp-sml vug sc foss
23	10680.8	2.71	8.2	tbfa	61.6	0.0	11	0	Cont/Mf	Ls crm-tn ssly tr ppp-sml vug sc foss
24	10682.0	2.72	8.0	tbfa	44.6	0.0	16	0	Cont/Mf	Ls crm-tn ssly tr ppp-sml vug sc foss



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CML EXPLORATION, LLC
BEAMS 15 STATE # 2





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BEAMS 15 STATE #2

3/6/2012

QUALITY CONTROL RERUN DATA

Sample No.	GRAIN DENSITY		POROSITY		<i>k</i> standard Test Sample	PERMEABILITY	
	original	reruns	original	reruns		original	reruns
1	2.842	2.843	7.44	7.46			
5	2.868	2.869	8.58	8.63	2.619	0.357	0.301
7	2.858	2.859	14.75	14.78		153.125	151.227
10	2.848	2.848	7.21	7.22		0.076	0.060
15	2.713	2.712	6.52	6.50		0.057	0.055
20	2.715	2.716	9.88	9.90	2.612	3.279	3.196