

District I
1625 N French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax (575) 393-0720
District II
811 S First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax (505) 334-6170
District IV
1220 S St Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised December 16, 2011

HOBBS OCD

Permit

MAY 08 2012

RECEIVED

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address CML Exploration, LLC P.O. Box 890 Snyder, TX 79550		² OGRID Number 256512
		³ API Number 30-025-40400
⁴ Property Code 39009	⁵ Property Name WC 35 State	⁶ Well No. 1

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
J	35	16S	33E		2225	S	1960	E	Lea

⁸ Pool Information

<i>WC-025 G-01 S163335J; SAN ANDRES</i> Samual; San Andres	<i>97938</i>
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Additional Well Information

⁹ Work Type P	¹⁰ Well Type O	¹¹ Cable/Rotary Rotary	¹² Lease Type S	¹³ Ground Level Elevation 4169' GR
¹⁴ Multiple No	¹⁵ Proposed Depth 4550'	¹⁶ Formation San Andres	¹⁷ Contractor Kanex Well Service	¹⁸ Spud Date 05/07/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

¹⁹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17-1/2	13-3/8	54.5	1564	1715	Surf
Prod	12-1/4	8-5/8	32	4579	2150	Surf

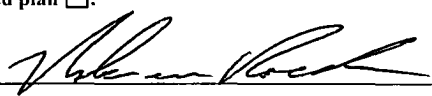
Casing/Cement Program: Additional Comments

See attached procedure

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Shaffer

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature: 

Printed name: Nolan von Roeder

Title: Engineer

E-mail Address: vonroedern@cmlexp.com

Date: 05/01/2012 Phone: 325-573-1938

Permit Expires 2 Years From Approval
Permit Expires 2 Years From Approval
Date Unless Drilling Underway
plugback

OIL CONSERVATION DIVISION

Approved By:

Title:


PEMULUWI ENGINEER

Approved Date:

Expiration Date:

MAY 15 2012

Conditions of Approval Attached

MAY 15 2012

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

MAY 08 2012

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-40400	Pool Code 97738 54370	Pool Name WC-025 G-01 Sanmaly, San Andres
Property Code 39009	Property Name WC 35 STATE	Well Number 1
OGRID No. 256512	Operator Name CML EXPLORATION	Elevation 4169'

Surface Location

UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	35	16-S	33-E		2225	SOUTH	1960	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=683492.2 N X=715581.7 E</p> <p>LAT.=32 877030" N LONG.=103.631138" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Nolan von Roeder</i> 5/1/12 Signature Date</p> <p>Nolan von Roeder Printed Name</p> <p>vonroederne@cmlexp.com E-mail Address</p>	
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>DECEMBER 9, 2011</p> <p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor</p> <p>RONALD J. EIDSON NEW MEXICO 3239 REG. 12/31/2011</p> <p>Certificate Number Gary G. Eidson 12641 Ronald J. Eidson 3239</p> <p>AF WSC W.O. 11 11 2491</p>	

CML EXPLORATION, LLC

WC 35 State No. 1

Proposed Completion Procedure

1. MIRUPU. ND WH. NU BOP w/2-7/8" pipe rams. Unload 4,600' of 2-7/8" 6.5# J55 or N80 used tubing. RU reverse unit.
2. RIH w/7-7/8" mill tooth bit, 8 – 4-1/2" DC's and tubing. Tag top of cement @±4430'. Drill out cement down to ±4545'. Test to 1000 psi. Circulate well w/clean fresh water. POOH w/tubing and bit.
3. RU Wireline truck. Run GR/CCL from 4545' to 4000', correlate to run #1 Dual Spaced Neutron/Spectral Density log dated March 14, 2012 . Perforate San Andres (4518 – 26') w/4" casing gun, 2 spf, 90° phasing.
4. RIH w/8-5/8" PKR, changeover, 2-7/8" SN and tubing. Land PKR below bottom perf. RU acid truck w/2000 gals of 15% NEFE HCL acid w/additives & 25 ball sealers. Spot 200 gals acid across perfs. Move & set PKR 100' above perfs. Breakdown perfs and establish pump-in rate. Pump acid and ball sealers @±3 - 4 BPM and maximum pressure of 3000 psi. Displace w/fresh water. SWIFN.
5. Swab back acid load. Check fluid entry and oil cut. If oil cut is sufficient, evaluate interval for further stimulation. RDMOPU. Wait on frac design and pumping date.
6. Build tank battery, power line and set pumping unit.