

Submit 1 Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87401  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised August 1, 2011

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-40400
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 39009
7. Lease Name or Unit Agreement Name WC 35 STATE
8. Well Number 1
9. OGRID Number 256512
10. Pool name or Wildcat SANMAL; SAN ANDRES

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator CML EXPLORATION, LLC	
3. Address of Operator P.O. BOX 890 SNYDER, TX 79550	
4. Well Location Unit Letter <u>J</u> : <u>2225</u> feet from the <u>SOUTH</u> line and <u>1960</u> feet from the <u>EAST</u> line Section <u>35</u> Township <u>16S</u> Range <u>33E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4169' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:  
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:  
REMEDIAL WORK ☒ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SEE ATTACHED COMPLETION REPORT

Spud Date:

02/28/2012

Rig Release Date:

04/11/2012

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE



TITLE

Engineer

DATE

7/20/12

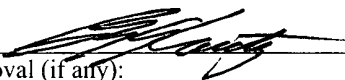
Type or print name Nolan von Roeder

E-mail address: vonroedern@cmlxp.com

PHONE: 325-573-1938

For State Use Only

APPROVED BY:



TITLE

PETROLEUM ENGINEER

DATE

JUL 27 2012

Conditions of Approval (if any):

✓

CML EXPLORATION, LLC  
P.O. DRAWER 890  
SNYDER, TX 79550  
325/573-1938

**WC 35 STATE NO. 1**  
Sec. 35, T-16-S, R-33-E  
Lea County, New Mexico  
Property Code #39009 – API #30-025-40400

**DAILY COMPLETION REPORT**

- 05/09/12    MIRUPU. NU 9" 3M BOP, PU 7-7/8" milltooth bit & 6 – 4-1/4" DCs. PU used 2-7/8" 6.5# N80 tubing. TIH & tagged cement @4408'. RU reverse rig & drilled out cement to ±4540'. Circulated well clean with fresh water & tested casing good to 1000 psi. TOOH with tubing, LD DCs & bit. RU Rush Wireline & ran GR/CCL, logged from PBTD @4530' to 4000'. Perforated (4518–26') w/4" casing gun, 2 spf, 90° phasing. RD wireline & SWIFN.
- 05/10/12    No pressure on casing. PU 8-5/8" Arrowset Packer. RIH to 4524'. RU acid pump truck. Spotted 200 gallons of 15% HCL @perforations. Moved & set packer @4401'. Attempted to break down formation. Pressured up to 3800 psi 3 times & had a very slow leak off each time. Attempted to release packer in order to re-spot acid. Had to work packer loose. Released packer & moved back down hole to 4524', reversed acid to test tank. Attempted to reset packer but it would not set. TOOH with packer & tubing. Packer was parted. Left bottom slips assembly & "J" body in the hole. PU another 8-5/8" Arrowset packer & TIH with tubing. Tagged fish @4528'. RU acid pump truck & spotted 200 gallons of acid across perforations. Moved & set packer @4402'. Broke formation down @2250 psi. Loaded 25 Bio balls & treated well with remaining 2000 gallons of 15% HCL NEFE. Treated @2.5 BPM @3100 psi, had no ball action. ISIP = 2800 psi, bled down to 2580 psi in 15 min. SWIFN.
- 05/11/12    SITP = 20 psi. Bled well down to test tank. 1<sup>st</sup> swab run had water @the surface, 3<sup>rd</sup> run fluid level was @2000' from the surface (all water) & 4<sup>th</sup> run had a trace of oil. Recovered 20 bbls to the test tank. Well began flowing. Flowed another 20 bbls fluid to the tank before dying. Oil cut increased to 28%. Continued swabbing. Swabbed tubing dry after recovering a total 60 bbls of fluid, oil cut remained at ±30%. Began making a swab run every hour. Had 700' of fluid entry, recovering 3 bbls to the tank on each run. Had a strong gas blow between swab runs. Oil cut increased to 50% on the last two runs of the day. Recovered a total of 72 bbls fluid (load from acid job was 96 bbls). Shut well in @4 p.m. CST.

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DAILY COMPLETION REPORT

- 05/14/12 SITP = 1150 psi. RU Precision Pressure Data Sick Line truck. RIH with pressure gauges making gradient stops every 500' to mid-perfs @4522'. Surface reading 1169 psi, BHP pressure reading 1394 psi & BHT 100°F. RD slick line truck. Opened well up to the test tank & flowed tubing down. Flowed a large amount of gas with 8 bbls of oil. Well died, RIH with swab. Fluid level @3600' from the surface, pulled from the seat nipple @4400'. Recovered 500' of fluid with 40% oil cut. RD swab, released packer & TOO. LD 8-5/8" packer. TIH with spear & tubing. Attempted to recover fish. Tagged fish @±4526', set down on 10 points. TOO with tubing & spear, did not recover fish on spear. Will leave fish on bottom (below perforations). SWIFN.  
"FISH" = Bottom section of a 8 5/8" AS-1X 7K Packer (Drag block housing and Jay body) Length 4.50", OD 7.50", ID 4.64", With 4 – wicker slips that should have passed through the middle of the packer & be loose on the bottom.
- 5/15/2012 Picked up PKR. RU tubing testers. Tested 141 jts of 2-7/8 N80 @5000 psi below the slips & all tested good. RD testers. Ran tubing down to 4528', tagged fish. LD down 4 jts & set PKR @4397'. Made 3 swab runs & swabbed tubing dry. NDBOP & NUWH. RDMOPU. Waiting on frac.
- 06/04/12 MIRUPU. SITP = 840 psi. Flowed tubing pressure down to the test tank. NDWH & NUBOP (9" 3K) . Attempted to release packer, would not release. Will have pump truck on location in the morning to load tubing & balance hole.
- 06/05/12 RU pump truck & loaded tubing with 18 bbls of fresh water. Released packer & tripped out of the hole. PU 4 – 4" DC's, bumper sub & 5" tapered tap. RIH & caught fish. POOH with tubing, LD tools & fish. SWIFN
- 06/06/12 RU wireline truck & re-perforated (4518-4526') 3 spf , 120° phasing. Unloaded & racked 150 jts 3½" 12.7# P110 CS Hydril frac tubing. RU pick up machine. SWIFN.
- 06/07/12 PU 8-5/8" 10K packer & 141 jts of 3½" tubing. Set packer @4382' with 20K pulled over string weight. Closed BOP & landed tubing on slips. RU pump truck & loaded casing with 30 bbls fresh water. Pressure test casing, packer & BOP good to 500 psi. SWIFN.

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**DAILY COMPLETION REPORT**

- 06/08/12 RU Universal Pumping Services frac equipment. Frac San Andres interval down the tubing w/50,400 gals of AmGelMax 1015 & 61,460 lbs of 20/40 Ottawa sand. Avg. Rate = 21.4 BPM, Max. Rate = 23.3 BPM, Avg. Pressure = 4743 psi, Max. Pressure = 4798 psi. Staged sand from 1 – 4 ppg. Total Load = 1185 bbls. ISIP = 3730 psi, 5 min = 3445 psi, 10 min = 3260 psi, 15 min = 3132 psi.
- 06/09/12 SITP = 1400 psi @8:00 a.m. SITP = 1200 psi @1:00 p.m. Opened up to test tank & flowed on 20/64" choke for 1½ hrs. Made 54 bbls of water, tubing pressure down to 0 psi. Left well open to frac tank overnight on full open choke.
- 06/10/12 TP = 0 psi. Did not make enough fluid overnight to measure. Left open to tank.
- 06/11/12 Opened to the test tank. Pressure 0 psi on tubing, did not make any fluid over night. Unset packer & tripped out of the hole laying down 3½" frac string & packer. RIH w/notched seat nipple & 2-7/8" tubing. Tagged @4528'. RU pump truck & reverse circulated with 100 bbls fresh water. Recovered light cement from bottom, did not see any sand. Pulled end of tubing up above perforation & SWIFN.
- 06/12/12 POOH w/tubing, TIH w/production assembly & 2-7/8" tubing. NDBOP. Flange up well head. RU & began swabbing, beginning fluid level 200' from surface. Made 12 runs, dropped fluid level down to 1500'. Recovered 104 bbls water, no oil or gas. Shut down, cut sand line & poured new rope socket.

**TUBING DETAIL**

139 – jts 2-7/8" N80 used tubing  
1 – 2-7/8" S/N @4456'  
1 – 2-7/8" 4' perf sub  
1 – 2-7/8" mud jt @4482'

- 06/13/12 SITP = 0 psi. Fluid level @1500' from the surface. Recovered a total of 156 bbls of water in 10 hours, no oil or gas. Fluid level @3500' from the surface the last several runs. SWIFN.

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**DAILY COMPLETION REPORT**

06/14/12 SITP = 0 psi. Made swab run, fluid level @3500' from the surface. Pulled out of rope socket the on 2<sup>nd</sup> run. Waited on weight bars & fishing tool. Fished swab mandrel out of tubing. RD swab, RIH with new pump & rods. Spaced out pump & left stacked out on the stuffing box. Waiting on pumping unit and electricity. RDMOPU.

**ROD DETAIL**

2 – 7/8" x 4' subs  
1 – 7/8" x 6' sub  
1 – 7/8" x 8' sub  
55 – 7/8" steel D rods w/FHSM couplings (new)  
114 – 3/4" steel D rods w/FHSM couplings (new)  
6 – 7/8" steel D rods w/FHSM couplings (new)  
1 – 7/8" x 2' sub w/guides  
1 – Back off tool  
1 – Tap tool  
1 – 2-7/8" x 1-1/2" x 20' pump (new)  
1 – 1-1/4" x 10' extension  
1 – 1-1/4" x 6' sandscreen