

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 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources  
**HOBBS OCD**  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
OCT 07 2016  
**RECEIVED**

Form C-103  
Revised July 18, 2013

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.)		WELL API NO. 30-025-43241
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator CML EXPLORATION, LLC		6. State Oil & Gas Lease No. 316142
3. Address of Operator P.O. BOX 890 SNYDER, TX 79550		7. Lease Name or Unit Agreement Name CAMERON 22 STATE
4. Well Location Unit Letter <u>O</u> : <u>571</u> feet from the <u>SOUTH</u> line and <u>2037</u> feet from the <u>EAST</u> line Section <u>22</u> Township <u>17S</u> Range <u>33E</u> NMPM County <u>LEA</u>		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4146'		9. OGRID Number 256512
		10. Pool name or Wildcat LEAMEX; PENN

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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:

06/02/2016

Rig Release Date:

07/13/2016

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

SIGNATURE Nolan von Roeder TITLE Engineer DATE 10/05/2016

Type or print name Nolan von Roeder E-mail address: vonroedern@cmlexp.com PHONE: 325-573-0750

For State Use Only

APPROVED BY: Petroleum Engineer TITLE Petroleum Engineer DATE 10/07/16

Conditions of Approval (if any):



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

**CAMERON 22 STATE NO. 1**

Sec. 22, T-17-S, R-33-E  
Lea County, New Mexico  
Property Code #316142 – API #30-025-43241

**DAILY COMPLETION REPORT**

- 07/25/16 MIRUPU. NU 5K BOP. Unloaded & racked 347 jts of 2-7/8" N80 tubing. Picked up 4-3/4" bit with 6 – 3-1/2" drill collars. Picked up & ran in the hole with tubing. Tagged cement @7466', wash 6' of cement to DV tool. Drilled DV tool out @7472' & circulated clean. Tested DV tool & casing good to 1500 psi. Continued running in hole with tubing to 8000' & shut well in for the night.
- 07/26/16 Continued in the hole with tubing. Tagged PBSD @11,330'. Circulated hole with 300 bbls of fresh water. Tripped out of the hole with tubing. Laid down collars & bit. Topped hole with fresh water. Shut well in for the night.
- 07/27/16 Rigged up Renegade Wireline Services. Ran in the hole with GR/CNL/CCL/RCBL cased hole logs & logged well from PBSD 11,348' (wireline) to 965'. Top of cement @1650'. Pulled out of the hole with logging tool & shut well in for the night. Will evaluate logs & perforate tomorrow morning.
- 07/28/16 Rigged up wireline truck. Perforated Cisco Lime (11,206'-11,278') 3 shots per foot with 3-1/8" gun, 90° phasing & rigged down. Ran in the hole with 5-1/2" 10K packer to 11,318'. Rigged up acid pump truck. Spotted 200 gals of 15% NEFE, HCL across perforations. Moved & set packer @10,990'. NDBOP & flanged up wellhead. Pressured up on casing to 1000 psi & held during acid job. Formation broke down @5518 psi. Treated with remaining 3800 gals of 15% HCL NEFE & 200 ball sealers. Average rate & pressure 3 BPM @5600 psi. ISIP = 4942 psi, 5 min = 4464 psi, 10 min = 4218 psi, 15 min = 3993 psi. Left well shut in for the night. Rigged down acid crew & shut well in for the night.
- 07/29/16 SITP = 500 psi. Bled tubing down to the test tank. Began swabbing 230 bbl load back. Made 16 swab runs in 6 hours. Recovered 120 bbls of water with a trace of oil. Swabbed dry. Waited 1 hour & made another swab run. Had 700' of entry. Recovered 4 bbls of black water with a trace of oil. Had a small amount of gas while pulling swab. Shut well in for the weekend.
- 08/01/16 SITP = 450 psi. FL @700' from the surface. Bled tubing pressure down to test tank. Began swabbing. Pulled 1500' of water with a slight trace of oil. Swabbed well dry after recovering 81 bbls of water. Waited 1 hour & made another run. Fluid level @9600' from the surface, recovered 1200' of black water. Continued making a run every hour. Recovered 1200' of water per hour. Swabbed a total of 122 bbls of black water, had no oil show on the last 4 runs. Shut well in for the night.



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**DAILY COMPLETION REPORT**

- 08/02/16 SITP = 40 psi. FL @1200' from the surface. Pulled 1500' of black water. Loaded tubing with 18 bbls of fresh water. NDWH, released packer & NUBOP. Pulled out of the hole with & laid down 62 joints of tubing. Stood remaining tubing back. Rigged up wireline truck. Set CIBP @11,110' & dumped 35' of cement on plug. Ran 3-18" perforating guns & perforated Abo (8879-85'), (8887-98'), (8902-04'), (8907-09'), (8910-12'), (8914-16'), (8918-21'), (8926-29') & (8938'-48') 2 SPF. Rigged down wireline truck. Ran in the hole with 5-1/2" 10K packer & tubing to 8697'. Shut well in for the night.
- 08/03/16 Ran in the hole with tubing & packer to 8960'. Rigged up acid pump truck. Circulated tubing & casing with 190 bbls of fresh water. Set packer @8960'. Pressured tested CIBP @11,110' & casing good to 2500 psi. Released packer. Spotted 200 gals of 15% HCL NEFE across perforations (8879' – 8948'). Moved & set packer @8697'. NDBOP & flanged up wellhead. Rigged up acid pump truck, pressured up on casing to 1000 psi & held during the job. Treated with remaining 2800 gals of 15% HCL NEFE & 100 ball sealers. Formation broke @3198'. Treated 3.4 BPM @3000 psi. ISIP = 2600 psi, 5 min = 2588 psi, 10 min = 2571 psi, 15 min = 2552 psi. Rigged down acid pump truck. Opened up to test tank & flowed down, recovered 8 bbls of water. Rigged up & began swabbing 173 bbl load back. Made 11 runs & swabbed tubing dry. Recovered a total of 81 bbls water. Had a trace of oil on the 9<sup>th</sup> run, 3% oil cut on the 11<sup>th</sup> run. Shut down & waited one hour after the 11<sup>th</sup> run. Had 900' of entry after one hour. Recovered 5 bbls of fluid, 30% oil, 70% acid water & good gas. Recovered a total of 86 bbls. Shut well in for the night.
- 08/04/16 SITP = 100 psi. FL = 6000' from the surface. Pulled 1200' of fluid, 800' oil & 400' water. Continued swabbing. Swabbed dry after 2 runs. Began making a swab run every hour. Recovered 400' of fluid per hour, oil cut 30% to 40%. Swabbed a total of 23 bbls fluid. Shut well in for the weekend.

**TUBING DETAIL**

285 – jts 2-7/8" N80 tubing  
1 – 2-7/8" seat nipple  
1 – 10K packer @8697'

- 08/08/16 SITP = 200 psi. FL = 3000' from the surface. Pulled 1200' of free oil. Swabbed 30 bbls in 9 runs & well dried up. Oil cut averaged 25%. Rigged down swab, NDBOP, flanged up wellhead & shut well in. Wait on frac. RDMOPU.

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**DAILY COMPLETION REPORT**

**FRAC JOB**

- 09/13/16 MIRUPU. SITP = 600 psi. Opened well up to test tank, flowed 20 bbls of oil to tank. Made swab run, fluid @5300' from the surface. Pulled 1200', 400' of free oil & 800' of water. Rigged down swab. NDWH, NU 3K BOP. Loaded tubing with 34 bbls of fresh water. Released packer & pulled out of the hole with tubing. Laid down tubing & packer. Shut well in for the night.
- 09/14/16 NDBOP & 5K wellhead. NU 10K wellhead & 10K frac valve. Shut well in for the night. Will frac in the morning.
- 09/15/16 Rigged up Elite Well Services frac crew. Tested lines to 9000 psi. Pumped 1 Stage down 5½" casing into perfs (8,879 – 8,948') w/336,000 gals Slickwater, 100,100 lbs of 100 mesh sand staged from 0.25 to 2.0 ppg, 76,080 lbs of 40/70 white sand staged from 0.25 to 1.5 ppg & 60,220 lbs of 40/70 resin coated sand staged from 1.75 to 2.0 ppg. Avg. rate = 91 BPM, Max. rate = 96 BPM, Avg. pressure = 4763 psi & Max. pressure = 6134 psi. Flushed to bottom with slickwater. SD 15 mins. ISIP = 3659 psi, 15 min = 3193 psi. FG = 0.84 psi/ft. Load water = 7998 bbls. SWIFN. Rigged down all frac & water transfer equipment.
- 09/16/16 SICP = 2600 psi. Opened well up on 12/64" choke, began flowing well to frac. Made 22 bbls of water in the 1<sup>st</sup> hour. Installed 16/64" positive choke. Made 103 bbls in the second hour, CP = 2350 psi. 3<sup>rd</sup> hour made 53 bbls of water, CP = 2300 psi. Changed choke to 18/64" choke. Made 96 bbls water in the 4<sup>th</sup> hour, CP = 2250 psi. Continued flowing overnight.
- 09/17/16 Flowing casing pressure is 300 psi on 18/64" choke, made 1785 bbls in 24 hours. Changed choke out to a 22/64". Continued flowing well.
- 09/18/16 Made 180 bbls in last 24 hours. All water, no oil show. On 22/64" choke, casing pressure = 0. Continued flowing to frac tanks.
- 09/19/16 Made 140 bbls of water in last 24 hours on 22/64" choke, casing pressure = 0. ND frac valve & 10K wellhead. RUPU. NUBOP & 5K wellhead. Picked up 4-3/4" bit & 305 jts of 2-7/8" tubing. Ran in the hole with bit to 10,007', did not tag any sand. Circulated well with 200 bbls of fresh water, saw a small amount of sand. Pulled out of the hole & laid down 37 jts of tubing. Stood back 5 stands. Left well open to frac tanks overnight.



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**DAILY COMPLETION REPORT**

**FRAC JOB**

09/20/16 SITP = 100 psi. Opened well up to frac tank. Continued pulling tubing. Laid down bit & bit sub. Picked up production assembly. Ran in the hole with tubing. NDBOP. Set TAC. Flanged up wellhead. Rigged up & began swabbing. Made 17 swab runs, recovered 113 bbls of water. Fluid level was 1200' from the surface. Shut well in for the night. Load to be recovered = 5506 bbls.

**TUBING DETAIL**

265 – jts 2-7/8" N80 tubing  
1 – 5-1/2" x 2-7/8" TAC  
2 – jts 2-7/8" N80 tubing  
1 – 2-3/8" seat nipple w/2-7/8" x 2-3/8" X-0 @8763'  
1 – 2-7/8" perf sub  
1 – jt 2-7/8" mud anchor w/bull plug @8799'

09/21/16 SITP = 50 psi. Fluid level 200' from the surface. Continued swabbing (9 hrs). Recovered 227 bbls of water. Fluid level @1600' from the surface, no oil or gas. Shut well in for the night. Load to be recovered = 5279 bbls.

09/22/16 SITP = 10 psi. Fluid level 600' from the surface. 1<sup>st</sup> swab run, pulled 1200' of water. Continued swabbing. Recovered 151 bbls of water in 6 hrs, no oil or gas. Shut well in. RDMOPU. Load to be recovered = 5128 bbls. Wait on pumping unit & electricity.