

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

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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. 30-025-42511
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. 303997
3. Address of Operator P.O. BOX 890 SNYDER, TX 79550		7. Lease Name or Unit Agreement Name PADDY 13 STATE
4. Well Location Unit Letter <u>O</u> : <u>330</u> feet from the <u>SOUTH</u> line and <u>1650</u> feet from the <u>EAST</u> line Section <u>13</u> Township <u>17S</u> Range <u>32E</u> NMPM County <u>LEA</u>		8. Well Number <u>2</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4097' GR		9. OGRID Number <u>256512</u>
		10. Pool name or Wildcat WILDCAT G-03 S143736; PADDOCK

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"/>	REMEDIAL WORK <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <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:

04/29/2015

Rig Release Date:

05/13/2015

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 07/28/2015

Type or print name Nolan von Roeder

E-mail address: vonroedern@cmlxp.com

PHONE: 325-573-0750

For State Use Only

APPROVED BY:

Petroleum Engineer

TITLE

Petroleum Engineer

DATE

08/12/15

Conditions of Approval (if any):

AUG 13 2015

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

HOBBS OCD

AUG 03 2015

RECEIVED

PADDY 13 STATE NO. 2
Sec. 13, T-17-S, R-33-E
Lea County, New Mexico
Property Code #303997 – API #30-025-42511

DAILY COMPLETION REPORT

- 06/04/15 Rigged up Allied Wireline with a crane. NDWH. Picked up 4.625" gauge ring & junk basket and ran in the hole to PBTd. Wireline TD = 6925'. Pulled out of the hole with gauge ring & picked up GR/CCL/CBL. Ran in the hole & logged from PBTd to surface. TOC = 1729' & cement voids across San Andres (4176' – 4320') & (4332' – 4360'). Remainder of cement showed good bond. Pulled out of the hole & picked up SGR/CCL/RAS tools & ran in the hole to PBTd. 1½ hours spent updating software & checking tool. Started log run & logged from PBTd (6925') to 4800'. Pulled out of the hole with tools. Rigged down wireline & NUWH. Completion activities will commence once logs are analyzed.
- 06/18/15 MIRUPU, NDWH, NUBOP & set pipe racks. SWIFN.
- 06/22/15 Rigged up wireline truck. Perforated Blinbry (6867-92'), (6833-43'), (6811-13'), (6796-6800'), (6775-85') & (6757-69') with 3-1/8" casing gun 1 SPF & rigged down. Ran in the hole with 5-1/2" 5K packer & used 2-3/8" 4.7#/ft L80 tubing to 6600' & SWIFN.
- 06/23/15 0 psi on casing & tubing. Continued in the hole with tubing & packer to 6916'. Rigged up acid pump & broke circulation with 2% KCL water. Circulated casing with 120 bbls of 2% KCL water. Spotted 200 gals 15% HCL acid across perforations. Moved & set packer @6602'. Rigged up acid pump & pressured up on casing & packer to 500 psi, held pressure during acid job. Treated with remaining 2800 gals of 15% HCL NEFE & 70 ball sealers. Formation broke down @3400 psi. Average rate 3.2 BPM @4250 psi. Had some ball action, pressure increase of 220 psi. Final treating pressure down to 4230 psi. ISIP = 3300 psi down to 2780 psi in 15 minutes. Rigged down acid pump truck. Flowed to test tank. Recovered 2 bbls of water. Began swabbing 130 bbl load back. Made 12 swab runs. Recovered 65 bbls of fluid & dried up. Oil cut was 10 to 15%. Waited 1 hour & made another run. Had 500' of entry, oil cut was 15%. Recovered a total of 67 bbls. SWIFN.
- 06/24/15 SITP = 60 psi. FL = 4200' from surface. Pulled 500' of free oil & 700' water on the 1st swab run. Continued swabbing. Swabbed dry after recovering 13 bbls of fluid. Oil cut was 15% on the last run. Rigged down swab. Loaded tubing with 2% KCL water, released packer & pulled out of the hole with tubing. Laid down 30 jts of 2-3/8" tubing. SWIFN.
- 06/25/15 Rigged up wireline truck. Set 5-1/2" CIBP @6700' & dumped 35' cement on plug. Perforated lower Paddock (5946-51') w/3-1/8" casing gun, 2 SPF. Ran in the hole with packer & tubing to 5974'. Rigged up acid pump truck. Set packer & pressure tested CIBP to 2000 psi. Released packer & spotted 200 gals 15% HCL acid across perforations. Moved & set packer @5694'. Pressured up to 500 psi on casing & packer, held during acid job. Treated well with remaining 1800 gals 15% HCL NEFE & 15 ball sealers. Formation broke @4100 psi. Average rate 3.5 BPM @3900 psi. Had a small amount of ball action, 60 psi increase. ISIP = 2970 psi down to 2470 psi in 15 minutes.

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DAILY COMPLETION REPORT

- 06/26/15 SITP = 700 psi. Began swabbing 100 bbl load from acid job back. Made 20 swab runs. Oil cut 30% to 40%, fluid level staying @4500' to 4700'. Recovered 100 bbls of fluid. SWIFN.
- 06/29/15 SITP = 200 psi. FL = 2000' from surface. 1st swab run had 700' of free oil & 800' of water. Continued swabbing. After swabbing 50 bbls of fluid the well dried up. Oil cut 20% with a small amount of gas. Waited 1 hour between runs. Had 300 – 400' of entry, oil cut remained at 20%. Recovered 55 bbls of fluid. SWIFN.
- 06/30/15 SITP = 50 psi. FL = 3600' from the surface. Pulled 1200' of fluid, 400' of free oil & 800' of water. Made 12 runs. Recovered 30 bbls of fluid, 15% oil cut & fluid level at 5400' from the surface. Rigged down swab. Rigged up pump truck & loaded tubing with 25 bbls 2% KCL water. Released packer & tripped out of the hole with tubing. SWIFN.
- 07/01/15 Rigged up wireline truck & set CIBP @5900'. Ran in the hole with 3-1/8" casing gun & perforated Upper Paddock (5806-14'), (5817-23') 2 SPF. Ran in the hole with bailer, dumped 35' of cement on CIBP & rigged down. Ran in the hole with 10K packer & tubing, landed packer @5829'. Set packer & rigged up acid pump truck. Pressure tested plug good to 2000 psi. Released packer, broke circulation & spotted 200 gals acid across perforations. Moved & set packer @5599'. Pressured up on casing & packer to 500 psi. Treated well with remaining 2800 gals of 15% HCL NEFE with 50 ball sealers. Formation broke @2900 psi. Average treating pressure & rate 3800 psi @3.6 BPM. Had some ball action, 185 psi increase in pressure. ISIP = 2210 psi. Bled down to 135 psi in 15 minutes. Began swabbing 120 bbl load back. Made 12 swab runs. Recovered 66 bbls of dirty water, no oil. Fluid level @3700' from the surface. SWIFN.
- 07/02/15 SITP = 80 psi, FL = 3000' from the surface. Pulled 1200' of fluid, 300' of free oil & 900' of water. Continued swabbing. Recovered 105 bbls of fluid in 8 hrs, fluid level @4800' from the surface. Average oil cut was 12%, had small amount of gas during swab run. SWIFN.
- 07/06/15 SITP = 50 psi. 1st swab run fluid level @3200' from the surface, 30% oil & 70% water. Loaded tubing with 16 bbls of 2% KCL water. Released packer, moved & reset @5603'. NDBOP & flanged up wellhead. Continued swabbing. Swabbed a total of 80 bbls water & 10 bbls of oil. Oil cut returned to 12% & fluid level remained @4800' from the surface. SWIFN.
- 07/07/15 RDMOPU. Will return to put on pump after pumping unit is set.

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DAILY COMPLETION REPORT

- 07/10/15 Moved in & set a new Weatherford Maximizer 320-305 120 pumping unit w/40 hp electric motor.
- 07/14/15 SITP = 65 psi. Rigged up slick wireline truck. Ran in the hole with pressure gauge for bottomhole pressure. BHP = 1338 psi, 103° temperature. Rigged down wireline truck. Rigged up swab. Fluid level 3500' from the surface, pulled 300' of free oil & 900' of water. Rigged down swab. Rigged up pump truck & loaded tubing with 15 bbls of 2% KCL water. NDWH & NUBOP. Released packer & tripped out of the hole with tubing. Laid down packer. Ran in the hole with production assembly. NDBOP, set TAC & NUWH. Ran in the hole with new 1-1/2" rod pump. Picked up new rods. Ran in the hole with 104 rods & shut well in for the night.
- 07/15/15 Continued running rods. Spaced out pump & hung on. Waiting on flowline. RDMOPU.

TUBING DETAIL

183 – jts 2-3/8" used N80 tubing
1 – 5-1/2" x 2-3/8" TAC
2 – jts 2-3/8" used N80 tubing
1 – 2-3/8" seat nipple @5808'
1 – 2-3/8" x 4' perf sub
1 – jt 2-3/8" used N80 tubing mud anchor w/bullplug

ROD DETAIL

1 – 7/8" x 2' sub
86 – 7/8" new steel "D" rods
144 – 3/4" new steel "D" rods
9 – 7/8" new steel "D" rods
1 – 7/8" x 2' sub w/guides
1 – Back-off tool (right hand back-off)
1 – No tap tool
1 – 2-3/8" x 1-1/2" x 20' pump (new)
1 – 1" x 20' gas anchor