

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
HOBBS OGD
JUL 03 2018
RECEIVED

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. 30-025-43874
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. 317377
3. Address of Operator P.O. BOX 890 SNYDER, TX 79550		7. Lease Name or Unit Agreement Name RAIDER 9 STATE
4. Well Location Unit Letter <u>M</u> : <u>990</u> feet from the <u>South</u> line and <u>800</u> feet from the <u>West</u> line Section <u>9</u> Township <u>17S</u> Range <u>33E</u> NMPM County <u>LEA</u>		8. Well Number <u>2</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4201' GR		9. OGRID Number 256512
		10. Pool name or Wildcat WC-025 G-03 S173318N; Yeso [97727]

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: Plugback & Recomletion <input checked="" 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 Recompletion Report

Spud Date:

Rig Release Date:

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

SIGNATURE Jordan Owens TITLE ENGINEER DATE 6/29/2018

Type or print name JORDAN OWENS E-mail address: owensj@cmlexp.com PHONE: 325-573-0750

For State Use Only

APPROVED BY Karen Sharp TITLE Staff Mgr DATE 7-5-18

Conditions of Approval (if any)

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

RAIDER 9 STATE NO. 2
Recompletion & Frac

- 05/21/18 MIRUPU. Bled well down to vacuum truck. Pulled out of the hole with rods & pump. Laid down 64 – 1-1/4" fiberglass rods, 50 – 1" steel rods & 50 – 7/8" steel rods. Hung remaining rods in the derrick. Rigged up pump truck & killed well with 60 bbls of brine water. NDWH, released TAC & NUBOP. Pulled out of the hole & laid down 146 jts of 2-7/8" tubing, stood remaining tubing back in the derrick. Shut well in for the night.
- 05/22/18 Rigged up wireline truck. Ran in the hole & set CIBP @10,850', bail dumped 35' of cement on plug. Loaded casing with produced water, pressure tested casing & plug good @1000 psi. Rigged down pump truck. Set CIBP @8630', bail dumped 35' of cement on plug. Set CIBP @6880', bail dumped 35' of cement on plug. Shut well in for the night.
- 05/23/18 Perforated Paddock (6025' – 6204') 1 SPF with 3-1/8" casing gun & rigged down wireline truck. Picked up 5-1/2" 10K packer with seat nipple, ran in the hole with 2-7/8" tubing & packer to 6237'. Circulated tubing & casing with 140 bbls of fresh water. Spotted 200 gals 15% HCL, moved & set packer @5913'. Treated well with remaining 4800 gals of 15% NEFE & 100 ball sealers. Average 3.5 BPM @3900 psi, had good ball action. Balled out @4500 psi. Surged balls off. Pumped remaining 20 bbls of flush 3.7 BPM @3700 psi. ISIP = 3186 psi, bled down to 2870 psi in 15 minutes. Rigged down acid pump & left well shut in overnight.
- 05/24/18 SITP = 1250 psi. Began swabbing 190 bbl acid load back. Swabbed 105 bbls of fluid in 6 hours. FL @4000', oil cut 30%. Rigged down swab, released packer, pulled out of the hole with tubing, laid down packer & shut well in for the night.
- 05/25/18 NDBOP, ND 5K wellhead. NU 10K frac valve. Shut in, wait on frac.

FRAC JOB

- 05/29/18 RU Elite Well Services frac crew. Tested lines to 8000 psi. SICP = 0 psi. Pumped single stage frac down 5 1/2" casing into perfs (6,025 – 6,204') w/549,300 gals Slickwater, 166,160 lbs of 100 mesh sand staged from 0.25 to 2.0 ppg, 122,560 lbs of 40/70 white sand staged from 0.25 to 2.0 ppg. Avg. rate = 84 BPM and Max. rate = 90 BPM, Avg. pressure = 7401 psi and Max. pressure = 7700 psi. Flushed to bottom with slickwater. SD 5 mins. ISIP = 4620 psi, 5 min = 4150 psi. FG = 1.18 psi/ft. Total Load to recover = 12,714 Bbls. SWIFN
- Remarks – Had to wait 4 hrs for wellhead tech to repair leak on frac head. Also had to shut down 2 hrs during job due to pop-off malfunction.
- 05/30/18 SICP = 2500 psi. Began flowing well back to test tank on 16/64" choke, recovered 294 bbls of water in 3 hours. Opened up to 18/64" choke, recovered total of 680 bbls of water in 7 hours. Laid line to frac tanks & left flowing overnight. 1500 psi casing pressure on 18/64" choke.

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

RAIDER 9 STATE NO. 2
Recompletion & Frac

- 05/31/18 Flowing back. At 6:00 a.m. flowing on 18/64" choke, 400 psi. Flowed 1,122 bbls back overnight. Opened choke to 20/64" & continued flowing. At 4:00 p.m. had recovered another 390 bbls, trace of oil. Total load recovered is 2,191 bbls. Continued flowing back overnight. Total load to recover = 10,523 bbls.
- 06/01/18 Flowed 297 bbls overnight. CP = 25 psi. Opened up on full open choke. Continued flowing with 0 CP. Recovered 108 bbls in 8 hours. Left well flowing overnight. Total load to recover = 10,118 bbls.
- 06/02/18 CP = 0 psi. Flowed 80 bbls overnight. Total load to recover = 10,038 bbls.
- 06/03/18 CP = 0 psi. Well is dead.
- 06/04/18 ND frac valve & 10K wellhead. NU 5K wellhead & BOP. Ran in the hole with notched collar, seat nipple & 2-7/8" tubing to 6827'. Rigged up pump truck & reverse circulated with 110 bbls of fresh water, did not see any sand. Pulled out of the hole with tubing, LD notched collar & seat nipple. Ran in the hole with production assembly & tubing. NDBOP, set TAC & flanged up wellhead. Shut well in for the night.
- 06/05/18 Ran in the hole with new 1-3/4" pump & used rods. Spaced out pump. Stacked out on stuffing box. RDMOPU. Wait on pumping unit.

TUBING DETAIL

180 – jts 2-7/8" N80 tubing
1 – 5-1/2" x 2-7/8" TAC
2 – jts 2-7/8" N80 tubing
1 – 2-7/8" x 4' perf sub
1 – jt 2-7/8" tubing w/bullplug
END OF TUBING @5945'

ROD DETAIL

1 – 1-1/4" x 3' fiberglass pony sub
1 – 1" steel rod
88 – 1-1/4" fiberglass rods
50 – 1" steel rods
40 – 7/8" steel rods
10 – 1-1/2" K-bars
1 – 26K shear tool
1 – 2-7/8" x 1-3/4" x 24' ring pump
1 – 1-1/4" x 20' gas anchor

- 6/07/18 Moved in & set a Weatherford C320-305-120 pumping unit from Paddy 13 #2. Put unit in the 100" stroke. Electrician will hook up power on 06/11/18.