

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

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

☐ AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

HOBBS OCD
MAY 07 2018
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 30-025-43874 |
| ⁴ Property Code 317377 | ⁵ Property Name Raider 9 State | ⁶ Well No. 2 |

⁷ Surface Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet from | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| M | 9 | 17S | 33E | | 990 | SOUTH | 800 | WEST | Lea |

⁸ Proposed Bottom Hole Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet from | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| M | 9 | 17S | 33E | | 990 | SOUTH | 800 | WEST | Lea |

⁹ Pool Information

| Pool Name | Pool Code |
|----------------------------|-----------|
| WC-025 G-03 S173318N; YESO | 97727 |

Additional Well Information

| | | | | |
|-------------------------------------|--|------------------------------------|-----------------------------------|---|
| ¹¹ Work Type Plugback | ¹² Well Type OIL | ¹³ Cable/Rotary | ¹⁴ Lease Type State | ¹⁵ Ground Level Elevation 4201' |
| ¹⁶ Multiple | ¹⁷ Proposed Depth 6835' | ¹⁸ Formation Paddock | ¹⁹ Contractor | ²⁰ Spud Date 5/25/2018 |
| Depth to Ground water | Distance from nearest fresh water well | | Distance to nearest surface water | |

☒ We will be using a closed-loop system in lieu of lined pits

²¹ Proposed Casing and Cement Program

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| | | | | | | SEE ORIGINAL |
| | | | | | | |
| | | | | | | |

Casing/Cement Program: Additional Comments

Plugback Proposal: CIBP set at 10,850' + 35' cmt wireline dump bail (open perf plug)
CIBP set at 8,630' + 35' cmt wireline dump bail (Abo Reef plug)
CIBP set at 6,870' + 35' cmt wireline dump bail (Cmt Stage Tool plug)
Wellbore Diagram Attached

²² Proposed Blowout Prevention Program

| Type | Working Pressure | Test Pressure | Manufacturer |
|--------------|------------------|---------------|--------------|
| SEE ORIGINAL | | | |

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable

Signature:

Printed name: Jordan Owens

Title: Engineer

E-mail Address: owensj@cmlexp.com

Date: 5/3/2018

Phone: 325-573-0750

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date: 05/11/18

Expiration Date: 06/11/20

Conditions of Approval Attached