

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

| |
|---|
| WELL API NO. 30-015-37770 |
| 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. |
| 7. Lease Name or Unit Agreement Name Hatfield State |
| 8. Well Number 9 |
| 9. OGRID Number 229137 |
| 10. Pool name or Wildcat 96610 Empire; Glorieta-Yeso, East |

| | |
|---|--|
| 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"/> | RECEIVED AUG - 5 2010 NMOCD ARTESIA Midland, TX 79701 |
| 2. Name of Operator COG Operating LLC | |
| 3. Address of Operator 550 W. Texas Ave., Suite 1300 | |
| 4. Well Location Unit Letter L : 2310' feet from the South line and 330' feet from the West line Section 8 Township 17S Range 29E NMPM County EDDY | |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3644' GR | |
| Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> | |
| Pit type _____ Depth to Groundwater 110' Distance from nearest fresh water well 1000' Distance from nearest surface water 1000' | |
| Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____ | |

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"/> | |
| OTHER: Change Location <input checked="" 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC respectfully requests permission to change this location to:

SHL: 2310' FSL & 330' FWL Section 8, T17S, R29E, Unit L
BHL: 2310' FSL & 2310' FWL Section 8, T17S, R29E, Unit K

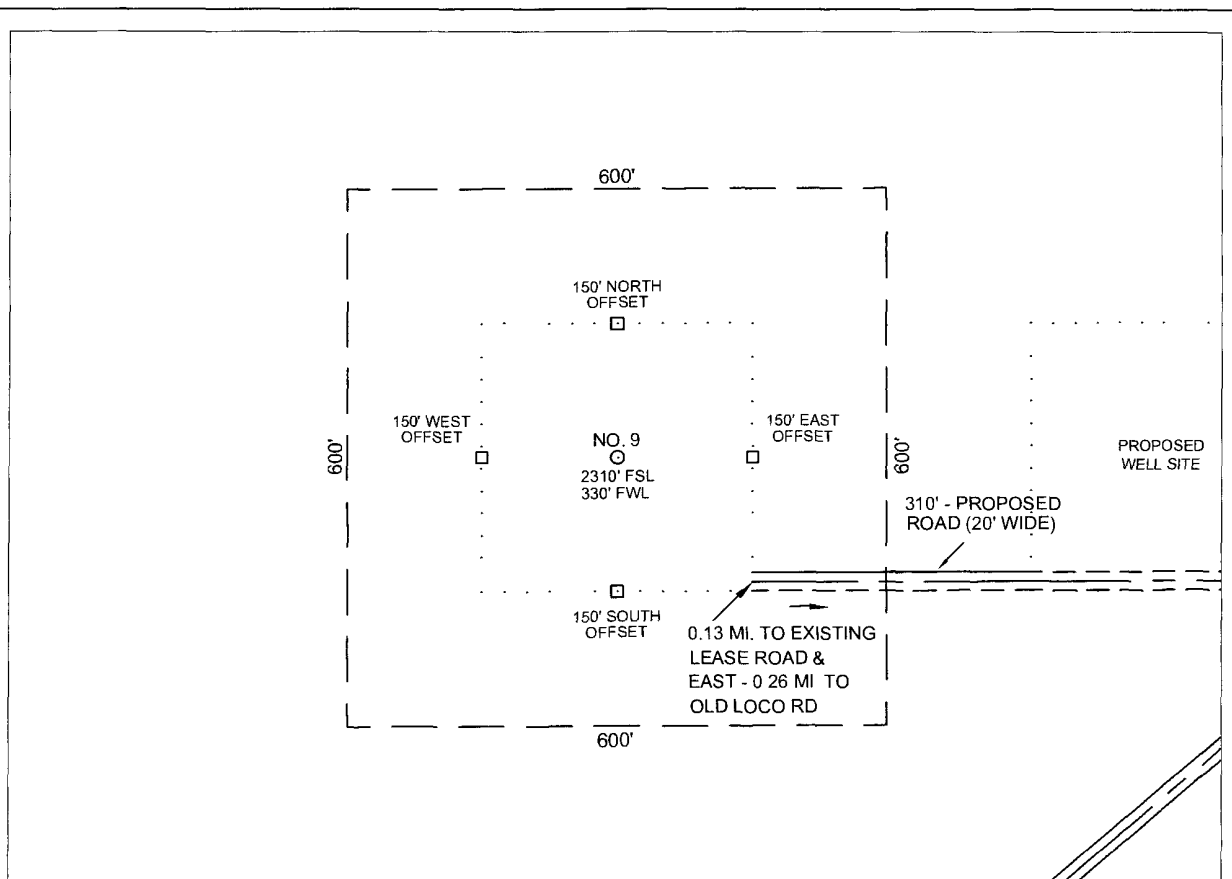
An amended plat is attached for your review.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

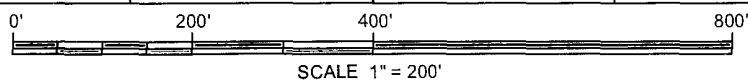
SIGNATURE *Robyn M. Odom* TITLE Regulatory Analyst DATE 08/03/2010

Type or print name **Robyn M. Odom** E-mail address: **rodome@conchoresources.com** Telephone No. **432-685-4385**
For State Use Only

APPROVED BY: *Lewis R. Dade* TITLE *Drill Supervisor* DATE *09/24/2010*
Conditions of Approval (if any): *dm*



| NAD27 GEOGRAPHIC COORDINATES | | NAD83 GEOGRAPHIC COORDINATES | |
|------------------------------|----------------|------------------------------|-----------------------|
| LAT. 32.84807 | LON -104.10402 | LAT. 32°50'53.457" N | LON 104°06'16.309" W. |



DATUM NEW MEXICO EAST ZONE - NAD83 (HARN)

DIRECTIONS TO LOCATION

- 1 FROM THE INTERSECTION OF U S HIGHWAY 82 AND STATE ROAD 360 (14 MILES EAST OF ARTESIA, NEW MEXICO).
- 2 THEN EAST ON U.S. HWY. 82, 4.22 MILES TO THE "T" INTERSECTION OF OLD LOCO ROAD ON THE LEFT,
3. THEN NORTHERLY ON OLD LOCO ROAD, AT 2.05 MILES, PASS THE SEc OF THE HATFIELD LEASE, 30' ON THE LEFT, CONTINUING 2.46 MILES IN ALL TO A "T" INTERSECTION OF AN EXISTING LEASE ROAD ON THE LEFT;
- 4 THEN WESTERLY ON SAID LEASE ROAD, CROSSING THE HATFIELD NO. 6 PROPOSED WELL SITE, AT 0.14 MILES, CROSS THE HATFIELD NO. 11 PROPOSED WELL SITE, 0.26 MILES IN ALL TO THE "T" INTERSECTION OF A PROPOSED LEASE ROAD ON THE RIGHT.
- 5 THEN WEST, ON THE SAID PROPOSED LEASE ROAD, CROSSING THE HATFIELD NO. 4 PROPOSED WELL SITE, 0.13 MILES TO THE PROPOSED SE CORNER OF THE HATFIELD NO. 9 WELL SITE

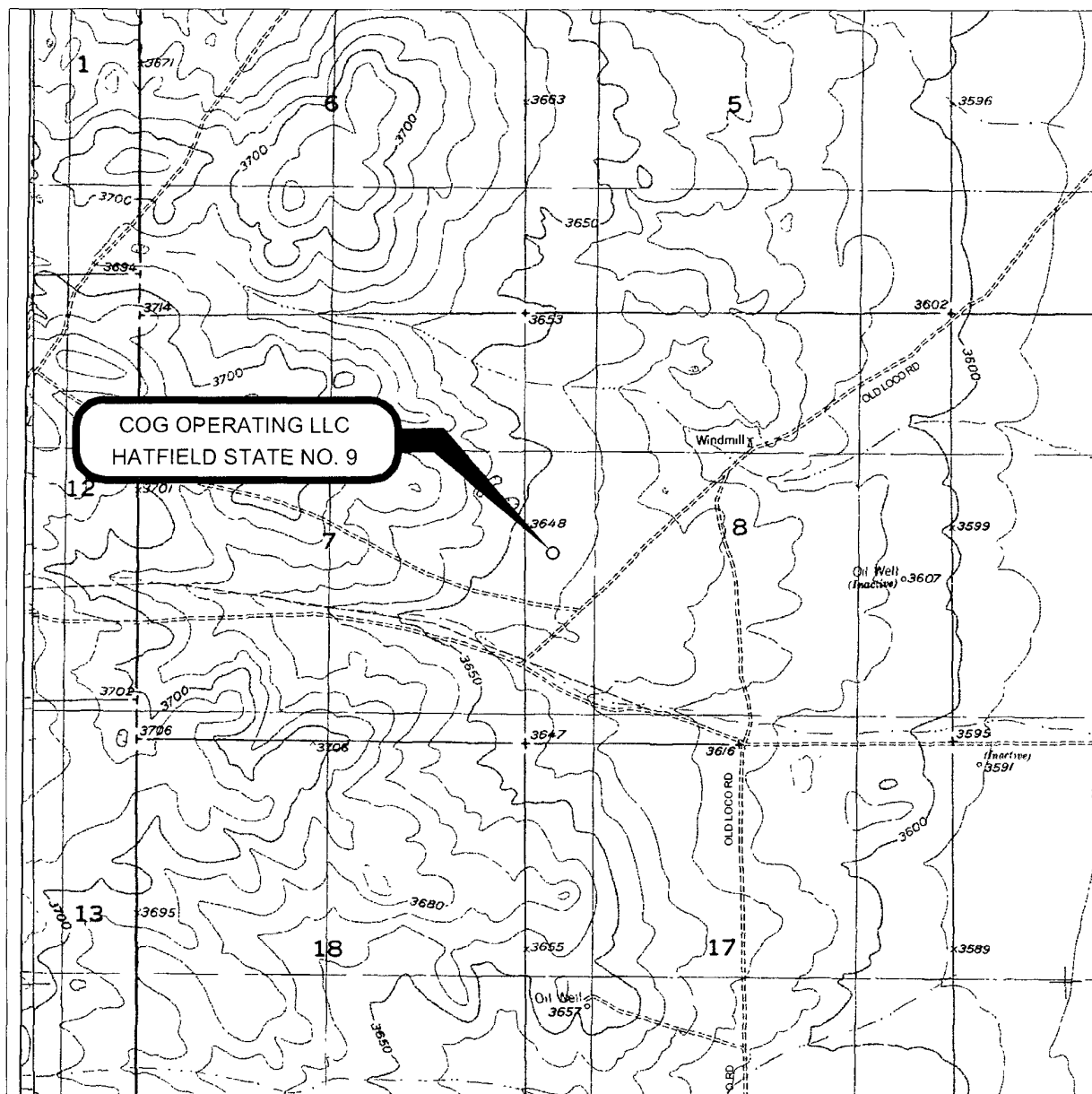
AEF A. E. FULLER & ASSOCIATES
 LAND SURVEYORS
 AL FULLER
 Cell - (432) 559-6718
 Email - al@aefuller.com
 Fax. (817) 594-8437
 3600 W Baumann
 Midland, TX 79703

COG OPERATING LLC
 HATFIELD STATE NO. 9
 SECTION 8 - TOWNSHIP 17 S - RANGE 29 E
 EDDY COUNTY, NM
 N 88 E - 17.3 MILES FROM ARTESIA, NM

DATE 03/31/2010

USGS
 QUAD RED LAKE, SE

www.aefuller.com



NAD27 GEOGRAPHIC COORDINATES

LAT 32 84807

LON. -104 10402

NAD27 SPC - NM EAST

X = 570424 1

Y = 672314 7



0 MI

1/2

SCALE: 1" = 2000'

1 1/2

2 MILES

DATUM NEW MEXICO EAST ZONE - NAD83 (HARN)



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LAND SURVEYORS

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3600 W. Baumann
Midland, TX 79703

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TOPOGRAPHIC MAP

COG OPERATING LLC

HATFIELD STATE NO. 9

SECTION 8 - TOWNSHIP 17 S - RANGE 29 E

EDDY COUNTY, NM

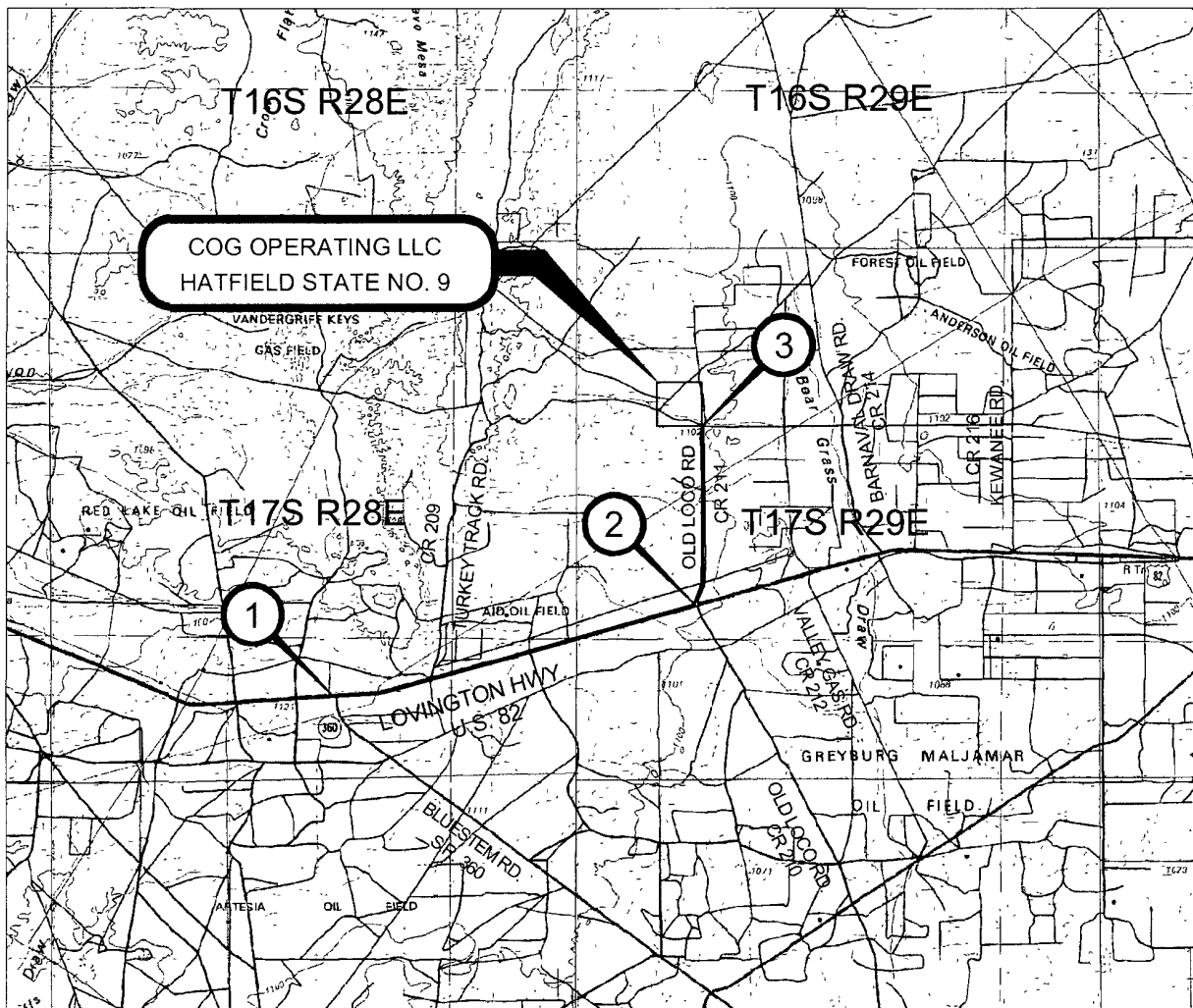
N 88 E - 17 3 MILES FROM ARTESIA, NM

DATE: 02/23/2010

USGS
QUAD RED LAKE, SE

DIRECTIONS TO LEASE

- 1 FROM THE INTERSECTION OF U S HIGHWAY 82 AND STATE ROAD 360 (14 MILES EAST OF ARTESIA, NEW MEXICO)
- 2 THEN EAST ON U.S. HWY. 82, 4.22 MILES TO THE "T" INTERSECTION OF OLD LOCO ROAD ON THE LEFT,
- 3 THEN NORTHERLY ON OLD LOCO ROAD, AT 2.05 MILES TO THE SEc OF THE HATFIELD LEASE, 30' ON THE LEFT



NAD27 GEOGRAPHIC COORDINATES

LAT 32 84807

LON: -104 10402

NAD27 SPC - NM EAST

X = 570424 1

Y = 672314 7



0 MI.

SCALE 1" = 2 MILES

4 MILES

DATUM NEW MEXICO EAST ZONE - NAD83 (HARN)

IMAGE ARTESIA, NM - 1 100000 SERIES



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LAND SURVEYORS

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Fax: (817) 594-8437

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Midland, TX 79703

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VICINITY MAP

COG OPERATING LLC

HATFIELD STATE NO. 9

SECTION 8 - TOWNSHIP 17 S - RANGE 29 E

EDDY COUNTY, NM

N 88 E - 17.3 MILES FROM ARTESIA, NM

DATE 02/23/2010

USGS

QUAD

RED LAKE, SE