

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-8161 Fax:(505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 199969

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|---|--|-------------------------------|
| 1. Operator Name and Address COG OPERATING LLC One Concho Center Midland, TX 79701 | | 2. OGRID Number 229137 |
| 4. Property Code 38976 | | 3. API Number 30-015-42953 |
| 5. Property Name STONEWALL 9 FEE | | 6. Well No. 008H |

7. Surface Location

| | | | | | | | | | | | | | | | | | | | |
|----------|---|---------|---|----------|-----|-------|-----|---------|--|-----------|-----|----------|---|-----------|-----|----------|---|--------|------|
| UL - Lot | P | Section | 9 | Township | 19S | Range | 26E | Lot Idn | | Feet From | 156 | N/S Line | S | Feet From | 425 | E/W Line | E | County | Eddy |
|----------|---|---------|---|----------|-----|-------|-----|---------|--|-----------|-----|----------|---|-----------|-----|----------|---|--------|------|

8. Proposed Bottom Hole Location

| | | | | | | | | | | | | | | | | | | | |
|----------|---|---------|---|----------|-----|-------|-----|---------|---|-----------|-----|----------|---|-----------|-----|----------|---|--------|------|
| UL - Lot | A | Section | 9 | Township | 19S | Range | 26E | Lot Idn | A | Feet From | 330 | N/S Line | N | Feet From | 330 | E/W Line | E | County | Eddy |
|----------|---|---------|---|----------|-----|-------|-----|---------|---|-----------|-----|----------|---|-----------|-----|----------|---|--------|------|

9. Pool Information

| | |
|---------------------|------|
| ATOKA;GLORIETA-YESO | 3250 |
|---------------------|------|

Additional Well Information

| | | | | |
|---------------------------|----------------------------|--|---------------------------|------------------------------------|
| 11. Work Type New Well | 12. Well Type OIL | 13. Cable/Rotary | 14. Lease Type Private | 15. Ground Level Elevation 3338 |
| 16. Multiple N | 17. Proposed Depth 7978 | 18. Formation Yeso Formation | 19. Contractor | 20. Spud Date 12/1/2015 |
| 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 |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 11 | 8.625 | 32 | 1200 | 700 | |
| Prod | 7.875 | 5.5 | 17 | 7978 | 800 | 0 |

Casing/Cement Program: Additional Comments

COG proposes to drill an 11" hole to 1200' w/fresh water, run 8 5/8" 32# J-55 and cement to surface. Drill a 7 7/8" hole to 2798' MD and kick off and drill curve to 3319' TVD 3617' MD. Drill a 7 7/8" lateral to new BHL @ 3312' TVD 7978' MD. Run a 5 1/2" 17# L-80 casing to TD cement to surface with 800 sacks.

22. Proposed Blowout Prevention Program

| Type | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| Double Ram | 2000 | 2000 | |

| | |
|--|--|
| 23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: _____ Printed Name: Electronically filed by Diane Kuykendall Title: Production Reporting Mgr Email Address: production@concho.com Date: 2/17/2015 | OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 2/17/2015 Expiration Date: 2/17/2017 Conditions of Approval Attached |
| Phone: 432-683-7443 | |

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
August 1, 2011
Permit 199969

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-------------------------------|---------------------------------------|-------------------------------------|
| 1. API Number 30-015-42953 | 2. Pool Code 3250 | 3. Pool Name ATOKA;GLORIETA-YESO |
| 4. Property Code 38976 | 5. Property Name STONEWALL 9 FEE | 6. Well No. 008H |
| 7. OGRID No. 229137 | 8. Operator Name COG OPERATING LLC | 9. Elevation 3338 |

10. Surface Location

| | | | | | | | | | |
|---------------|--------------|-----------------|--------------|---------|------------------|---------------|------------------|---------------|----------------|
| UL - Lot P | Section 9 | Township 19S | Range 26E | Lot Idn | Feet From 156 | N/S Line S | Feet From 425 | E/W Line E | County Eddy |
|---------------|--------------|-----------------|--------------|---------|------------------|---------------|------------------|---------------|----------------|

11. Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|-------------------------------|---------------------|------------------------|---------------|---------|------------------|---------------|------------------|---------------|----------------|
| UL - Lot A | Section 9 | Township 19S | Range 26E | Lot Idn | Feet From 330 | N/S Line N | Feet From 330 | E/W Line E | County Eddy |
| 12. Dedicated Acres 160.00 | 13. Joint or Infill | 14. Consolidation Code | 15. Order No. | | | | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 25%; height: 30px;"></td><td style="width: 25%; height: 30px;"></td><td style="width: 25%; height: 30px;"></td><td style="width: 25%; height: 30px; text-align: center;"></td></tr> <tr><td style="height: 30px;"></td><td style="height: 30px;"></td><td style="height: 30px;"></td><td style="height: 30px;"></td></tr> <tr><td style="height: 30px;"></td><td style="height: 30px;"></td><td style="height: 30px;"></td><td style="height: 30px;"></td></tr> <tr><td style="height: 30px;"></td><td style="height: 30px;"></td><td style="height: 30px;"></td><td style="height: 30px; text-align: center;"></td></tr> </table> | | | | | | | | | | | | | | | | | <p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: Diane Kuykendall Title: Production Reporting Mgr Date: 2/17/2015</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Surveyed By: Ronald Eidson Date of Survey: 9/10/2014 Certificate Number: 3239</p> |
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Form APD Comments

Permit 199969

PERMIT COMMENTS

| | | |
|--|---|--------------------------------|
| Operator Name and Address: COG OPERATING LLC [229137] One Concho Center Midland, TX 79701 | | API Number: 30-015-42953 |
| | | Well: STONEWALL 9 FEE #008H |
| Created By | Comment | Comment Date |
| kholly1 | H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required. | 2/17/2015 |

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Form APD Conditions

Permit 199969

PERMIT CONDITIONS OF APPROVAL

| | |
|--|--------------------------------|
| Operator Name and Address: COG OPERATING LLC [229137] One Concho Center Midland, TX 79701 | API Number: 30-015-42953 |
| | Well: STONEWALL 9 FEE #008H |

| | |
|--------------|-----------|
| OCD Reviewer | Condition |
|--------------|-----------|