

Bureau of Land Management

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Conditions of Approval Off-Lease Storage and Lease/CA/PA Commingling of Measurement and Sales of Oil and Gas Production

1. This approval is subject to like approval by the New Mexico Oil Conservation Division.
 - a. All well tests for allocation shall be performed per NMOCD requirements.
2. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the public's interest (surface and/or subsurface).
3. Submittal of a new surface commingling sundry is required if:
 - a. There are any changes to the allocation methodology
 - b. Proposed Communitization Agreements (CA) are not approved or are approved with changes to the original proposal
4. If new surface disturbance on BLM managed land is proposed, the operator shall submit appropriate surface use plan of operations and right-of-way grant applications to the Carlsbad Field Office for approval prior to any construction.
5. Off-lease measurement, storage, and sales from sources in this package are approved.
6. Allocation meters will meet the standards the operator proposed in the sundry.
7. Within 30 days of implementing the allocation methodology in this application, the operator shall submit a new site facility diagram via Sundry Notice which meets the requirements of **43 CFR 3173.11**. Include the effective date for the allocation methodology with the sundry notice.
 - a. In lieu of FMP numbers on the site facility diagram, include all meter serial numbers or assign unique meter ID numbers that are reflected and identifiable in the field. This is to include allocation meters.
8. This approval does not allow for a variance from 43 CFR 3170.4. This approval does not authorize bypasses around any approved measurement point, nor does it approve the use of headers capable of acting as a bypass.
9. This approval does not authorize royalty-free fuel usage at the compressor station downstream of the CTB's FMPs; it must be an additional request separate from this application:
 - a. Submit an additional Sundry Notice containing the information required under **43 CFR 3178.9**. Note: A variance to 43 CFR 3178.7(b)(2) may be granted as long as the fuel gas is being metered and is allocable back to the participating wells.

| Well Name | Well Number | US Well Number | Lease Number | Case Number | Operator |
|----------------|-------------|----------------|--------------|-------------|----------|
| ANTIETAM 9 FED | 754H | 300254735900X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 707H | 300254434900S1 | NMNM118726 | NMNM137577 | EOG |
| ANTIETAM 9 FED | 102H | 300254735500X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 709H | 300254435200S1 | NMNM118726 | NMNM139983 | EOG |
| ANTIETAM 9 FED | 713H | 300254547600S1 | NMNM118726 | NMNM139983 | EOG |
| ANTIETAM 9 FED | 702H | 300254347800S1 | NMNM118726 | NMNM137576 | EOG |
| ANTIETAM 9 FED | 505H | 300254737400X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 756H | 300254736000X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 506H | 300254737500X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 706H | 300254434800S1 | NMNM118726 | NMNM137577 | EOG |
| ANTIETAM 9 FED | 503H | 300254737200X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 703H | 300254347900S1 | NMNM118726 | NMNM137576 | EOG |
| ANTIETAM 9 FED | 501H | 300254737000X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 704H | 300254348000S1 | NMNM118726 | NMNM137577 | EOG |
| ANTIETAM 9 FED | 708H | 300254435100S1 | NMNM118726 | NMNM139983 | EOG |
| ANTIETAM 9 FED | 710H | 300254435300S1 | NMNM118726 | NMNM139983 | EOG |
| ANTIETAM 9 FED | 715H | 300254547800S1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 508H | 300254748200X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 701H | 300254347700S1 | NMNM118726 | NMNM137576 | EOG |
| ANTIETAM 9 FED | 507H | 300254748100X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 705H | 300254434700S1 | NMNM118726 | NMNM137577 | EOG |
| ANTIETAM 9 FED | 504H | 300254737300X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 714H | 300254547700S1 | NMNM118726 | NMNM118726 | EOG |

Conditions of Approval

Specialist Review

Surface_Commingling_COA_20210224181306.pdf

502Y is included in this approval, the field office has not migrated all wells over into the new system, but this well is within the application.

| Well Name | Well Number | US Well Number | Lease Number | Case Number | Operator |
|----------------|-------------|----------------|--------------|-------------|----------|
| ANTIETAM 9 FED | 754H | 300254735900X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 707H | 300254434900S1 | NMNM118726 | NMNM137577 | EOG |
| ANTIETAM 9 FED | 102H | 300254735500X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 709H | 300254435200S1 | NMNM118726 | NMNM139983 | EOG |
| ANTIETAM 9 FED | 713H | 300254547600S1 | NMNM118726 | NMNM139983 | EOG |
| ANTIETAM 9 FED | 702H | 300254347800S1 | NMNM118726 | NMNM137576 | EOG |
| ANTIETAM 9 FED | 505H | 300254737400X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 756H | 300254736000X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 506H | 300254737500X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 706H | 300254434800S1 | NMNM118726 | NMNM137577 | EOG |
| ANTIETAM 9 FED | 503H | 300254737200X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 703H | 300254347900S1 | NMNM118726 | NMNM137576 | EOG |
| ANTIETAM 9 FED | 501H | 300254737000X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 704H | 300254348000S1 | NMNM118726 | NMNM137577 | EOG |
| ANTIETAM 9 FED | 708H | 300254435100S1 | NMNM118726 | NMNM139983 | EOG |
| ANTIETAM 9 FED | 710H | 300254435300S1 | NMNM118726 | NMNM139983 | EOG |
| ANTIETAM 9 FED | 715H | 300254547800S1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 508H | 300254748200X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 701H | 300254347700S1 | NMNM118726 | NMNM137576 | EOG |
| ANTIETAM 9 FED | 507H | 300254748100X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 705H | 300254434700S1 | NMNM118726 | NMNM137577 | EOG |
| ANTIETAM 9 FED | 504H | 300254737300X1 | NMNM118726 | NMNM118726 | EOG |
| ANTIETAM 9 FED | 714H | 300254547700S1 | NMNM118726 | NMNM118726 | EOG |

BLM POC Phone: 5752345972

Disposition: Approved

Signature: Jonathon Shepard

BLM POC Email Address: jshepard@blm.gov

Disposition Date: 02/24/2021

APPLICATION FOR SURFACE POOL/LEASE COMMINGLING

EOG Resources, Inc. (“EOG”) respectfully requests approval to surface pool/lease commingle oil & gas from all existing and future wells in Section 9 & N2 of Section 16 in Township 25 South, Range 33 East within the Bone Spring and Wolfcamp pools listed below, for Leases NM NM 118726 and V0-4422-2. This Commingle and Allocation Approval (CAA) will not negatively affect the royalty of the federal government. Any allocation meters (non-FMPs) will meet API measurement standard 14.1. All leases, unit PAs, or CAs in the proposed CAA are capable of production in paying quantities, defined as 1 bbl/day of oil or 10 MCF/day of gas. Gas analysis is not required because we are applying under 3173.14(a)(1)iii (Federal unit PA or CA where each unit PA or CA proposed for commingling has the same proportion of Federal interest, and which interest is subject to the same fixed royalty rate and revenue distribution). The location of the FMP is on the lease. There is no new surface disturbance included as part of the proposed CAA. These spacing units are initially dedicated to the following wells:

| Well Name | Location | API # | Pool |
|--------------------------|-------------|--------------|---|
| ANTIETAM 9 FED COM #701H | D-9-25S-33E | 30-025-43477 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #702H | D-9-25S-33E | 30-025-43478 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #703H | C-9-25S-33E | 30-025-43479 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #704H | C-9-25S-33E | 30-025-43480 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #705H | C-9-25S-33E | 30-025-44347 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #706H | C-9-25S-33E | 30-025-44348 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #707H | C-9-25S-33E | 30-025-44349 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #708H | B-9-25S-33E | 30-025-44351 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #709H | B-9-25S-33E | 30-025-44352 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #710H | B-9-25S-33E | 30-025-44353 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #713H | A-9-25S-33E | 30-025-45476 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #714H | A-9-25S-33E | 30-025-45477 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #715H | A-9-25S-33E | 30-025-45478 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #501H | D-9-25S-33E | 30-025-47370 | [96392] DRAPER MILL;BONE SPRING |
| ANTIETAM 9 FED COM #502Y | D-9-25S-33E | 30-025-47786 | [96392] DRAPER MILL;BONE SPRING |
| ANTIETAM 9 FED COM #503H | D-9-25S-33E | 30-025-47372 | [96392] DRAPER MILL;BONE SPRING |
| ANTIETAM 9 FED COM #504H | C-9-25S-33E | 30-025-47373 | [96392] DRAPER MILL;BONE SPRING |
| ANTIETAM 9 FED COM #505H | C-9-25S-33E | 30-025-47374 | [96392] DRAPER MILL;BONE SPRING |
| ANTIETAM 9 FED COM #506H | B-9-25S-33E | 30-025-47375 | [96392] DRAPER MILL;BONE SPRING |
| ANTIETAM 9 FED COM #507H | B-9-25S-33E | 30-025-47481 | [96392] DRAPER MILL;BONE SPRING |
| ANTIETAM 9 FED COM #508H | B-9-25S-33E | 30-025-47482 | [96392] DRAPER MILL;BONE SPRING |
| ANTIETAM 9 FED COM #754H | A-9-25S-33E | 30-025-47359 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #755H | A-9-25S-33E | 30-025-47382 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |
| ANTIETAM 9 FED COM #756H | A-9-25S-33E | 30-025-47360 | [98180] WC-025 G-09 S253309P;UPR WOLFCAMP |

GENERAL INFORMATION :

- Federal lease NM NM 118726 covers 640 acres Section 9 in Township 25 South, Range 33 East, Lea County, New Mexico.
- State lease V0-4422-2 covers 320 acres including N2 of Section 16 in Township 25 South, Range 33 East, Lea County, New Mexico.
- The central tank battery to service the subject wells is located in the NENE of Section 9 in Township 25 South, Range 33 East, Lea County, New Mexico on Federal lease NM NM 118726.
- Application to commingle production from the subject wells has been submitted and approved by the NMOCD, Order No. PLC-720. This notice has also been sent to the NMSLO.
- Enclosed herewith is a map that displays the leases, communitization agreements, the location of the subject wells, location of existing or planned facilities, piping included in the CAA and the location of existing or proposed FMP.

| Lease(s) | Production (oil, gas, or both) | Royalty Rate |
|-----------------|---------------------------------------|---------------------|
| NM NM 118726 | Both | 12.5% |

| Communitization Agreements (CA) | Leases in CA | Ownership % | Status | Production (oil, gas, or both) | Royalty Rate |
|--|--------------------------|---|---------------|---------------------------------------|---------------------|
| NM NM 137576 | NM NM 118726 & V0-4422-2 | 66.67% Fed Int & 33.33% Non-Fed Int (State) | Approved | Both | 12.5% |
| NM NM 142942 | NM NM 118726 & V0-4422-2 | 66.67% Fed Int & 33.33% Non-Fed Int (State) | Pending | Both | 12.5% |
| NM NM 142943 | NM NM 118726 & V0-4422-2 | 66.67% Fed Int & 33.33% Non-Fed Int (State) | Pending | Both | 12.5% |
| NM NM 137577 | NM NM 118726 & V0-4422-2 | 66.67% Fed Int & 33.33% Non-Fed Int (State) | Approved | Both | 12.5% |
| NM NM 142945 | NM NM 118726 & V0-4422-2 | 66.67% Fed Int & 33.33% Non-Fed Int (State) | Pending | Both | 12.5% |
| NM NM 139983 | NM NM 118726 & V0-4422-2 | 66.67% Fed Int & 33.33% Non-Fed Int (State) | Approved | Both | 12.5% |
| NM NM 142944 | NM NM 118726 & V0-4422-2 | 66.67% Fed Int & 33.33% Non-Fed Int (State) | Pending | Both | 12.5% |
| E2E2 Wolfcamp | NM NM 118726 & V0-4422-2 | 66.67% Fed Int & 33.33% Non-Fed Int (State) | Executed | Both | 12.5% |

FUTURE ADDITIONS

Pursuant to Statewide rule 19.15.12.10 (C)(4)(g) EOG Resources, Inc. respectfully requests the option to include additional pools or leases within the following parameters:

- EOG may add additional production from the Bone Spring and Wolfcamp Pools (Draper Mill; Bone Spring [96392], and WC-025 G-09 S253309P; Upper Wolfcamp [98180]) from Lease NM NM 118726 and V0-4422-2 and from CA's NM NM 137577, NM NM 139983, NM NM 137576, NM NM 142942, NM NM 142943, NM NM 142944, NM NM 142945 and E2E2 Wolfcamp.

EOG respectfully requests authority to add additional wells contained within the spacing units identified and approved in this application by filing a Subsequent Report Sundry to the Engineering Bureau in Santa Fe for Federal and filing an Amendment with the NMOCD. Notice to owners shall not be required when amending the application to add wells contained within spacing units previously approved for commingling authority.

PRORATED ALLOCATION

GAS ALLOCATION

Each well has a Wellhead (WH) meter and a Gas Lift (GL) meter. The CTB has a FC Meter that measures the volume of gas that leaves the CTB, this FC meter is considered an FMP. The INJ BB meter that measures off-lease gas coming on lease used for gas lift from the gathering line is considered an FMP.

1. Buyback FM is the volume of off-lease gas used for gas lift and to run the compressor, it is calculated by Buyback – Comp Fuel,
2. Allocated Gas Lift is the Buyback FM volume allocated to the wells based on measured gas lift volume. The booster is downstream of the Gas Lift (GL) meter, booster fuel subtracted from allocated gas lift volume.
3. Net Well Production is base amount of production not used for gas lift or booster fuel and is calculated by subtracting Allocated Gas Lift (GL) volume from the wellhead (WH) meter reading. If there is a volume on the LP Flare (PFL) it is also deducted to determine Net Well Production for allocation purposes.
4. Theoretical % used for the allocation of production/sales is calculated by dividing the Net Well Production volume for each well into the sum of the Net Well Production.
5. CTB FC-INJ BB (Net CTB Gas) is volume of gas for royalty purposes, off lease gas is netted out of FMP meter volume. $\text{FC Meter} - (\text{INJ BB Meter} - \text{GL Compressor \& Booster fuel})$. This gives you the volume of gas for royalty purposes that was produced/sold from the CTB.
6. Theoretical % for each well is multiplied by the Net CTB Gas.
7. HP Flare is volume of gas flared from the CTB, allocated to wells by Theoretical % for each well * HP FL volume.
8. LP Flare measures gas from an individual well that is flared. Volume is copied from the LP flare meter to a well pseudo flare meter. The volume on the pseudo flare meter is allocated to the appropriate well that flared.
9. Lease use is the volume of gas used by the equipment on the CTB allocated to the wells by $\text{Lease Use volume} / \text{total hours produced by all wells on CTB} * \text{each wells Hours On}$.
10. VRU measures the gas from the oil tanks, is allocated based on allocated oil production for each well. VRU is an FMP. $\text{VRU measured volume} * \text{theoretical \% of oil produced}$. Each well's oil measured volume/by sum of all oil measured volumes on CTB = theoretical oil volume.
11. Total Net FMP Volumes is total sold from the CTB to the gathering line and is calculated by $\text{Net CTB Gas} + \text{VRU}$.
12. Allocated Production is all gas produced by CTB and is calculated by adding $\text{Total Net FMP Volumes} + \text{HP Flare} + \text{LP Flare (Pseudo)} + \text{Lease Use}$.
13. Total Net FMP Volumes is total sold from the CTB to the gathering line and is calculated by Net CTB

OIL ALLOCATION

Each well has an oil meter measuring the volume of oil produced by the well. This volume is used as the basis to prorate CTB Allocated Production and Ending Tank Inventory to each well.

1. Theoretical % of Production is the % of production that will be allocated to each well. It is calculated by dividing each oil meter volume by the sum of the oil meters.

2. CTB Allocated Production is theoretical production for the CTB. It is calculated by Sales + Ending Inventory – Beginning Inventory
3. Allocated Well Production is the share of the CTB Allocated Production for each well and is calculated by multiplying the theoretical % of production by the CTB Allocated Production
4. CTB Available for Sale is the calculated total for sale on the CTB, it is calculated by adding Allocated Production + Beginning Inventory
5. Available for Sale is the volume available for sale for each well and is calculated by adding Allocated Well Production to Beginning Inventory.
6. Theoretical % Available for Sale is the % of available sales for each well, calculated by dividing Available Sale by CTB Available for Sale for each well
7. Allocated Sales is the Pipeline LACT (FMP) allocated to each well based on theoretical % of available for sale. It is calculated by multiplying theoretical % Available for Sale by the Pipeline LACT (FMP) volume.
8. Beginning Inventory comes from previous accounting period's Ending Inventory for each well.
9. Ending Inventory for each well is calculated by multiplying the Theoretical % of production by the combined volume from the oil tanks at the CTB to each well.

WATER ALLOCATION

Each well has a water meter measuring the volume of water produced by the well. This volume is used as the basis to prorate CTB Allocated Production and Ending Tank Inventory to each well.

1. Theoretical % of Production is the % of production that will be allocated to each well. It is calculated by dividing each water meter volume by the sum of the water meters.
2. CTB Allocated Production is theoretical production for the CTB. It is calculated by Transferred + Ending Inventory – Beginning Inventory
3. Allocated Well Production is the share of the CTB Allocated Production for each well and is calculated by multiplying the theoretical % of production by the CTB Allocated Production
4. CTB Available for Transfer is the calculated total for transfer on the CTB, it is calculated by adding Allocated Production + Beginning Inventory
5. Available for Transfer is the volume available for transfer for each well and is calculated by adding Allocated Well Production to Beginning Inventory.
6. Theoretical % Available for Transfer is the % of available transfer for each well, calculated by dividing Available Transfer by CTB Available for Transfer for each well
7. Allocated Transfer is the Water Transfer Meter volume allocated to each well based on theoretical % of available for transfer. It is calculated by multiplying theoretical % Available for Transfer by the Water Transfer Meter volume.
8. Beginning Inventory comes from previous accounting period's Ending Inventory for each well.
9. Ending Inventory for each well is calculated by multiplying the Theoretical % of production by the combined volume from the water tanks at the CTB to each well.

Manually Entered Metered Volumes from meter statement and tank inventories from gauged tanks

Allocated volumes for reporting on OGOR

ALLOCATION METHONOLGY USED TO DETERMINE ALLOCATED PRODUCTION AND SALES TO EACH WELL

| | | |
|------------------------------|---|--|
| OIL METER | Measures volume of oil from the separator on each individual well used as basis for prorating CTB Allocated Production and Ending Tank Inventory to each well | |
| THEORETICAL % PRODUCTION | Theoretical % is calculated by dividing Oil Meter volume for each well into sum of oil meters from the CTB | |
| CTB ALLOCATED PRODUCTION | CTB Allocated Production is the theoretical production for the CTB, (Sales + ending inventory-beginning inventory) | |
| ALLOCATED WELL PRODUCTION | Volume of CTB Allocated Production to each well, Theoretical % * CTB Allocated Production | |
| CTB AVAILABLE FOR SALE | Formula to calculate total for sale on the CTB (CTB Allocated Production + Beginning Inventory) | |
| AVAILABLE FOR SALE | Volume of CTB Available for Sale oil allocated to each well, (CTB Allocated Production + Beginning Tank Inventory) | |
| THEORETICAL % AVAILABLE SALE | Allocation % of available sales for each well, Available Sales/CTB Available for Sale | |
| ALLOCATED SALES | Pipeline Lact (FMP) allocated to each well based on theoretical % of available for sale | |
| PIPELINE LACT (FMP) | Measures volume of oil sold through FMP to purchaser | |
| BEGINNING TANK INVENTORY | 8 - 400 BBL TANKS | Inventory from previous accounting period's calculate ending inventories. In the case of new CTBs during any accounting period, open inventory equals zero |
| ENDING TANK INVENTORY | 8 - 400 BBL TANKS | Theoretical % of production multiplied by combined volume from the oil tanks at CTB for each well |
| | | |

| WELLNAME | OIL METER | THEORETICAL % OF PRODUCTION | ALLOCATED WELL PRODUCTION | AVAILABLE SALES | Theoretical % AVAILABLE FOR SALE | ALLOCATED SALES | BEG INV | END INV |
|--------------------|-----------|-----------------------------|---------------------------|-----------------|----------------------------------|-----------------|---------|---------|
| ANTIETAM 9 FC 501H | 11 | 0.003858268 | 10.83 | 112.68 | 0.0231052 | 61 | 101.850 | 8.57 |
| ANTIETAM 9 FC 502Y | 110.4 | 0.038722983 | 108.73 | 235.33 | 0.0482539 | 128 | 126.600 | 86.04 |
| ANTIETAM 9 FC 503H | 153.98 | 0.054008741 | 151.66 | 270.86 | 0.0555375 | 147 | 119.200 | 120.01 |
| ANTIETAM 9 FC 504H | 160.71 | 0.056369299 | 158.28 | 249.38 | 0.0511349 | 136 | 91.100 | 125.25 |
| ANTIETAM 9 FC 505H | 211.15 | 0.074061213 | 207.96 | 307.29 | 0.0630088 | 167 | 99.330 | 164.56 |
| ANTIETAM 9 FC 506H | 196.11 | 0.068785908 | 193.15 | 290.65 | 0.0595962 | 158 | 97.500 | 152.84 |
| ANTIETAM 9 FC 507H | 182.65 | 0.064064791 | 179.89 | 276.33 | 0.0566606 | 150 | 96.440 | 142.35 |
| ANTIETAM 9 FC 508H | 105.5 | 0.0370043 | 103.91 | 194.06 | 0.0397905 | 106 | 90.150 | 82.22 |
| ANTIETAM 9 FC 701H | 99.2 | 0.034794565 | 97.70 | 185.93 | 0.0381245 | 101 | 88.230 | 77.31 |
| ANTIETAM 9 FC 702H | 100.6 | 0.035285617 | 99.08 | 202.58 | 0.0415382 | 110 | 103.500 | 78.40 |
| ANTIETAM 9 FC 703H | 101.8 | 0.035706519 | 100.26 | 200.86 | 0.0411860 | 109 | 100.600 | 79.34 |
| ANTIETAM 9 FC 704H | 76.8 | 0.026937728 | 75.64 | 174.89 | 0.0358604 | 95 | 99.250 | 59.86 |
| ANTIETAM 9 FC 705H | 87.9 | 0.030831071 | 86.57 | 176.77 | 0.0362464 | 96 | 90.200 | 68.51 |
| ANTIETAM 9 FC 706H | 99.2 | 0.034794565 | 97.70 | 159.36 | 0.0326765 | 87 | 61.660 | 77.31 |
| ANTIETAM 9 FC 707H | 84.9 | 0.029778816 | 83.62 | 183.39 | 0.0376028 | 100 | 99.770 | 66.17 |
| ANTIETAM 9 FC 708H | 80.41 | 0.028203941 | 79.20 | 166.96 | 0.0342335 | 91 | 87.760 | 62.67 |
| ANTIETAM 9 FC 709H | 77.9 | 0.027323554 | 76.72 | 165.39 | 0.0339132 | 90 | 88.670 | 60.71 |
| ANTIETAM 9 FC 710H | 165.2 | 0.057944174 | 162.71 | 262.48 | 0.0538194 | 143 | 99.770 | 128.75 |
| ANTIETAM 9 FC 713H | 83.8 | 0.029392989 | 82.54 | 156.04 | 0.0319942 | 85 | 73.500 | 65.31 |
| ANTIETAM 9 FC 714H | 134.8 | 0.047281324 | 132.77 | 232.47 | 0.0476658 | 127 | 99.700 | 105.06 |
| ANTIETAM 9 FC 715H | 151.12 | 0.053005591 | 148.84 | 161.44 | 0.0331023 | 88 | 12.600 | 117.78 |
| ANTIETAM 9 FC 754H | 183.12 | 0.064229644 | 180.36 | 224.65 | 0.0460625 | 122 | 44.290 | 142.72 |
| ANTIETAM 9 FC 755H | 94.56 | 0.033167077 | 93.13 | 123.90 | 0.0254056 | 67 | 30.770 | 73.70 |
| ANTIETAM 9 FC 756H | 98.21 | 0.034447321 | 96.73 | 163.20 | 0.0334628 | 89 | 66.470 | 76.54 |
| | | | | | | | | |
| | | | | | | | | |
| FACILITY TOTALS | 2851 | 1 | 2808 | 4877 | 1 | 2655 | 2069 | 2222 |

| | |
|------------------------------|-------|
| CTB ALLOCATED PRODUCTION | 2,808 |
| CTB AVAILABLE FOR SALE | 4,877 |
| PIPELINE LACT (FMP) 74079.12 | 2,655 |
| TRUCK LACT (FMP) 74079.7 | 0 |
| BEGINNING TANK INVENTORY | 2,069 |
| ENDING TANK INVENTORY | 2,222 |

Manually Entered Metered Volumes from meter statement and tank inventories from gauged tanks

ALLOCATION METHONOLGY USED TO DETERMINE ALLOCATED WATER PRODUCTION AND WATER TRANSFERRED OFF THE CTB TO EACH WELL

| Allocated volumes for reporting on OGOR | | |
|---|-------------------|---|
| WATER METER | | Measures volume of water from the separator on each individual well used as basis for prorating CTB Allocated Production and Ending Tank Inventory to each well |
| THEORETICAL % PRODUCTION | | Theoretical % is calculated by dividing Water Meter volume for each well into sum of water meters from the CTB |
| CTB ALLOCATED PRODUCTION | | CTB Allocated Production is the theoretical production for the CTB, (Water Transfer + ending inventory-beginning inventory) |
| ALLOCATED WELL PRODUCTION | | Volume of CTB Allocated Production to each well, Theoretical % * CTB Allocated Production |
| CTB AVAILABLE FOR TRANSFER | | Formula to calculate total for transfer on the CTB (CTB Allocated Production + Beginning Inventory) |
| AVAILABLE FOR TRANSFER | | Volume of CTB Available for Transfer, water allocated to each well, (CTB Allocated Production + Beginning Tank Inventory) |
| THEORETICAL % AVAILABLE FOR TRANSFER | | Allocation % of available transfer for each well, Available for Transfer/CTB Available for Transfer |
| ALLOCATED WTR TRANSFERRED | | Water Transfer Meter allocated to each well based on theoretical % of available for transfer |
| WATER TRANSFER METER | | Measures volume of water transferred off the CTB to disposal |
| BEGINNING TANK INVENTORY | 4 - 400 BBL TANKS | Inventory from previous accounting period's calculate ending inventories. In the case of new CTBs during any accounting period, open inventory equals zero |
| ENDING TANK INVENTORY | 4 - 400 BBL TANKS | Theoretical % of production multiplied by combined volume from the water tanks at CTB for each well |
| | | |

| WELLNAME | WATER METER | THEORETICAL % OF PRODUCTION | ALLOCATED WELL PRODUCTION | AVAILABLE TO TRANSFER | Theoretical % AVAILABLE FOR SALE | ALLOCATED WATER TRANSFERRED | BEG INV | END INV |
|--------------------|-------------|-----------------------------|---------------------------|-----------------------|----------------------------------|-----------------------------|---------|---------|
| ANTIETAM 9 FC 501H | 22 | 0.010746123 | 21.63 | 47.29 | 0.0148390 | 29 | 25.660 | 12.88 |
| ANTIETAM 9 FC 502Y | 100.4 | 0.049041397 | 98.72 | 135.37 | 0.0424758 | 84 | 36.650 | 58.80 |
| ANTIETAM 9 FC 503H | 123.51 | 0.060329711 | 121.44 | 163.94 | 0.0514414 | 102 | 42.500 | 72.34 |
| ANTIETAM 9 FC 504H | 125.71 | 0.061404323 | 123.61 | 185.80 | 0.0582984 | 116 | 62.190 | 73.62 |
| ANTIETAM 9 FC 505H | 188.15 | 0.091903773 | 185.00 | 244.33 | 0.0766653 | 152 | 59.330 | 110.19 |
| ANTIETAM 9 FC 506H | 176.2 | 0.086066675 | 173.25 | 230.75 | 0.0724042 | 144 | 57.500 | 103.19 |
| ANTIETAM 9 FC 507H | 152.6 | 0.074539016 | 150.05 | 196.49 | 0.0616527 | 123 | 46.440 | 89.37 |
| ANTIETAM 9 FC 508H | 95.5 | 0.046647942 | 93.90 | 131.34 | 0.0412119 | 82 | 37.440 | 55.93 |
| ANTIETAM 9 FC 701H | 53.5 | 0.026132617 | 52.60 | 101.04 | 0.0317054 | 63 | 48.440 | 31.33 |
| ANTIETAM 9 FC 702H | 120.2 | 0.058712908 | 118.19 | 177.63 | 0.0557355 | 111 | 59.440 | 70.40 |
| ANTIETAM 9 FC 703H | 142 | 0.069361338 | 139.62 | 190.06 | 0.0596374 | 119 | 50.440 | 83.16 |
| ANTIETAM 9 FC 704H | 123.12 | 0.060139211 | 121.06 | 163.50 | 0.0513022 | 102 | 42.440 | 72.11 |
| ANTIETAM 9 FC 705H | 34.56 | 0.016881182 | 33.98 | 102.58 | 0.0321876 | 64 | 68.600 | 20.24 |
| ANTIETAM 9 FC 706H | 48.21 | 0.023548663 | 47.40 | 103.80 | 0.0325709 | 65 | 56.400 | 28.23 |
| ANTIETAM 9 FC 707H | 51.91 | 0.025355965 | 51.04 | 107.84 | 0.0338380 | 67 | 56.800 | 30.40 |
| ANTIETAM 9 FC 708H | 70.25 | 0.034314324 | 69.07 | 134.50 | 0.0422042 | 84 | 65.430 | 41.14 |
| ANTIETAM 9 FC 709H | 69.67 | 0.034031017 | 68.50 | 99.00 | 0.0310651 | 62 | 30.500 | 40.80 |
| ANTIETAM 9 FC 710H | 72.6 | 0.035462205 | 71.39 | 138.83 | 0.0435599 | 87 | 67.440 | 42.52 |
| ANTIETAM 9 FC 713H | 10 | 0.004884601 | 9.83 | 53.33 | 0.0167345 | 33 | 43.500 | 5.86 |
| ANTIETAM 9 FC 714H | 55.08 | 0.026904384 | 54.16 | 103.66 | 0.0325254 | 65 | 49.500 | 32.26 |
| ANTIETAM 9 FC 715H | 32.59 | 0.015918916 | 32.04 | 82.34 | 0.0258377 | 51 | 50.300 | 19.09 |
| ANTIETAM 9 FC 754H | 67.55 | 0.032995482 | 66.42 | 116.12 | 0.0364355 | 72 | 49.700 | 39.56 |
| ANTIETAM 9 FC 755H | 76.14 | 0.037191354 | 74.87 | 113.50 | 0.0356122 | 71 | 38.630 | 44.59 |
| ANTIETAM 9 FC 756H | 35.8 | 0.017486873 | 35.20 | 64.19 | 0.0201415 | 40 | 28.990 | 20.97 |
| | | | | | | | | |
| | | | | | | | | |
| FACILITY TOTALS | 2,047 | | 2013 | 3187 | | 1988 | 1174 | 1199 |

| | |
|----------------------------|-------|
| CTB ALLOCATED PRODUCTION | 2,013 |
| CTB AVAILABLE FOR TRANSFER | 3,187 |
| WATER TRANSFER METER | 1,988 |
| BEGINNING TANK INVENTORY | 1,174 |
| ENDING TANK INVENTORY | 1,199 |

ANTIETAM 9 FED COM SURFACE COMMINGLING PLAT



- NMNM 118726
- V0-4422-2
- Proposed Well Bore
- Flowlines
- ANTIETAM 9 FED COM CTB
- PAD
- NM NM 142944 - Pending
- E2E2 Communitized Area – Wolfcamp
- NM NM 142943 - Pending
- NM NM 137577
- NM NM 142945 - Pending
- NM NM 139983
- NM NM 142942 - Pending
- NM NM 137576
- FMP Location

| API # | Well Name |
|--------------|--------------------------|
| 30-025-43477 | ANTIETAM 9 FED COM #701H |
| 30-025-43478 | ANTIETAM 9 FED COM #702H |
| 30-025-43479 | ANTIETAM 9 FED COM #703H |
| 30-025-43480 | ANTIETAM 9 FED COM #704H |
| 30-025-44347 | ANTIETAM 9 FED COM #705H |
| 30-025-44348 | ANTIETAM 9 FED COM #706H |
| 30-025-44349 | ANTIETAM 9 FED COM #707H |
| 30-025-44351 | ANTIETAM 9 FED COM #708H |
| 30-025-44352 | ANTIETAM 9 FED COM #709H |
| 30-025-44353 | ANTIETAM 9 FED COM #710H |
| 30-025-45476 | ANTIETAM 9 FED COM #713H |
| 30-025-45477 | ANTIETAM 9 FED COM #714H |
| 30-025-45478 | ANTIETAM 9 FED COM #715H |
| 30-025-47370 | ANTIETAM 9 FED COM #501H |
| 30-025-47786 | ANTIETAM 9 FED COM #502Y |
| 30-025-47372 | ANTIETAM 9 FED COM #503H |
| 30-025-47373 | ANTIETAM 9 FED COM #504H |
| 30-025-47374 | ANTIETAM 9 FED COM #505H |
| 30-025-47375 | ANTIETAM 9 FED COM #506H |
| 30-025-47481 | ANTIETAM 9 FED COM #507H |
| 30-025-47482 | ANTIETAM 9 FED COM #508H |
| 30-025-47359 | ANTIETAM 9 FED COM #754H |
| 30-025-47382 | ANTIETAM 9 FED COM #755H |
| 30-025-47360 | ANTIETAM 9 FED COM #756H |

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7548
TEXAS FIRM REGISTRATION NO. 10042504
WWW.TOPOGRAPHIC.COM



DATE: 2/1/2021

DRAWN BY: J.T.S.

CHECKED BY: J.T.S.

SITE NAME:
ANTIETAM 9 FED COM

Location:
Section 9, T25S-R33E, Lea County, NM



**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

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01 12-22-1987;101STAT1330;30USC181 ET SEQ

Total Acres:
1,319.750

Serial Number
NMNM 118726

Case Type312021: O&G LSE COMP PD -1987

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Case File Juris:

| | | | | | | Serial Number: NMNM-- 118726 | |
|----------------------|------------------------------|----------------|----|-----------|------------------|------------------------------|-------------|
| Name & Address | | | | | | Int Rel | % Interest |
| R & R ROYALTY LTD | 500 N SHORELINE BLVD STE 322 | CORPUS CHRISTI | TX | 78401 | LESSEE | | 0.000000000 |
| EOG RESOURCES INC | PO BOX 2267 | MIDLAND | TX | 79702 | OPERATING RIGHTS | | 0.000000000 |
| EOG RESOURCES INC | PO BOX 2267 | MIDLAND | TX | 79702 | LESSEE | | 0.000000000 |
| MECO IV LLC | 1200 17TH ST STE 925 | DENVER | CO | 802025835 | LESSEE | | 0.000000000 |
| MICKEY RESOURCES LLC | 500 N SHORELINE BLVD STE 322 | CORPUS CHRISTI | TX | 784010313 | OPERATING RIGHTS | | 0.000000000 |

| | | | | | | | Serial Number: NMNM-- 118726 | |
|-----|-------|-------|-----|------|------|----------------|------------------------------|--------------|
| Mer | Twp | Rng | Sec | S | Type | Nr | Suff | Subdivision |
| | | | | | | | District/ | Field Office |
| | | | | | | | County | Mgmt Agency |
| 23 | 0250S | 0330E | 004 | LOTS | | 4; | CARLSBAD FIELD OFFICE | LEA |
| 23 | 0250S | 0330E | 005 | ALIQ | | S2N2,S2; | CARLSBAD FIELD OFFICE | LEA |
| 23 | 0250S | 0330E | 005 | LOTS | | 1-4; | CARLSBAD FIELD OFFICE | LEA |
| 23 | 0250S | 0330E | 009 | ALL | | ENTIRE SECTION | CARLSBAD FIELD OFFICE | LEA |

Relinquished/Withdrawn Lands

Serial Number: NMNM-- 118726

| | | | | Serial Number: NMNM-- 118726 | |
|------------|----------|------------------------|-----------------------|------------------------------|--|
| Act Date | Act Code | Action Txt | Action Remarks | Pending Off | |
| 05/25/2007 | 387 | CASE ESTABLISHED | 200707066; | | |
| 07/03/2007 | 299 | PROTEST FILED | Forest Guardians etal | | |
| 07/18/2007 | 143 | BONUS BID PAYMENT RECD | \$2640.00; | | |
| 07/18/2007 | 191 | SALE HELD | | | |
| 07/18/2007 | 267 | BID RECEIVED | \$330000.00; | | |
| 07/26/2007 | 143 | BONUS BID PAYMENT RECD | \$327360.00; | | |
| 08/30/2007 | 298 | PROTEST DISMISSED | | | |
| 08/31/2007 | 237 | LEASE ISSUED | | | |
| 08/31/2007 | 974 | AUTOMATED RECORD VERIF | BTM | | |
| 09/01/2007 | 496 | FUND CODE | 05;145003 | | |
| 09/01/2007 | 530 | RLTY RATE - 12 1/2% | | | |
| 09/01/2007 | 868 | EFFECTIVE DATE | | | |
| 06/12/2014 | 140 | ASGN FILED | R&R ROYAL/ROADRUNNE;3 | | |

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

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Serial Number: NMNM-- 118726

| Act Date | Act Code | Action Txt | Action Remarks | Pending Off |
|------------|----------|--------------------------|-----------------------|-------------|
| 06/12/2014 | 932 | TRF OPER RGTS FILED | R&R ROYAL/ROADRUNNE;1 | |
| 08/12/2014 | 932 | TRF OPER RGTS FILED | R & R ROY/MICKEY RE;1 | |
| 09/05/2014 | 139 | ASGN APPROVED | EFF 07/01/14; | |
| 09/05/2014 | 933 | TRF OPER RGTS APPROVED | EFF 07/01/14; | |
| 09/05/2014 | 974 | AUTOMATED RECORD VERIF | LBO | |
| 10/02/2014 | 933 | TRF OPER RGTS APPROVED | EFF 09/01/14; | |
| 10/02/2014 | 974 | AUTOMATED RECORD VERIF | EMR | |
| 03/10/2015 | 899 | TRF OF ORR FILED | 1 | |
| 05/04/2015 | 899 | TRF OF ORR FILED | 1 | |
| 08/17/2015 | 899 | TRF OF ORR FILED | 1 | |
| 08/17/2015 | 899 | TRF OF ORR FILED | 2 | |
| 09/23/2015 | 140 | ASGN FILED | ROADRUNNE/EOG RESOU;1 | |
| 09/23/2015 | 932 | TRF OPER RGTS FILED | ROADRUNNE/EOG RESOU;1 | |
| 10/15/2015 | 139 | ASGN APPROVED | EFF 10/15/15; | |
| 10/15/2015 | 933 | TRF OPER RGTS APPROVED | EFF 10/15/15; | |
| 10/15/2015 | 974 | AUTOMATED RECORD VERIF | JA | |
| 11/01/2015 | 246 | LEASE COMMITTED TO CA | NMNM135942; | |
| 05/18/2016 | 650 | HELD BY PROD - ACTUAL | /1/ | |
| 05/18/2016 | 658 | MEMO OF 1ST PROD-ACTUAL | /1/NMNM135942;#3H | |
| 06/16/2016 | 643 | PRODUCTION DETERMINATION | /1/ | |
| 08/02/2016 | 140 | ASGN FILED | R&R ROYAL/MERCED GL;1 | |
| 12/27/2016 | 139 | ASGN APPROVED | EFF 09/01/16; | |
| 12/27/2016 | 974 | AUTOMATED RECORD VERIF | DME | |
| 04/19/2017 | 246 | LEASE COMMITTED TO CA | NMNM137577; | |
| 04/19/2017 | 246 | LEASE COMMITTED TO CA | NMNM137576; | |
| 08/23/2017 | 658 | MEMO OF 1ST PROD-ACTUAL | /2/NMNM137577;#704H | |
| 08/23/2017 | 658 | MEMO OF 1ST PROD-ACTUAL | /3/NMNM137576;#703H | |
| 12/13/2017 | 643 | PRODUCTION DETERMINATION | /2/ | |
| 12/13/2017 | 643 | PRODUCTION DETERMINATION | /3/ | |
| 01/01/2018 | 246 | LEASE COMMITTED TO CA | NMNM 139983; | |
| 02/23/2018 | 140 | ASGN FILED | MERCED GLEN/MECO IV;1 | |
| 03/14/2018 | 139 | ASGN APPROVED | EFF 03/01/18; | |
| 03/14/2018 | 974 | AUTOMATED RECORD VERIF | RCC | |
| 07/04/2018 | 658 | MEMO OF 1ST PROD-ACTUAL | /4/NMNM139983;#708H | |
| 11/26/2019 | 643 | PRODUCTION DETERMINATION | /4/ | |

| Line Number | Remark Text | Serial Number: NMNM-- 118726 |
|-------------|---------------------------------|------------------------------|
| 0002 | STIPULATIONS ATTACHED TO LEASE: | |

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

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| Line Number | Remark Text | Serial Number: NMNM-- 118726 |
|-------------|---|------------------------------|
| 0003 | NM-11-LN SPECIAL CULTURAL RESOURCE | |
| 0004 | SENM-S-22 PRAIRIE CHICKENS | |
| 0005 | RECORD TITLE HOLDERS: (INTEREST ASGN) | |
| 0006 | T25S.,R33E., SEC.04: LOT 4 | |
| 0007 | R&R ROYALTY LTD 1.00% | |
| 0008 | MECO IV LLC 99.00% | |
| 0009 | T25S.,R33E., SEC.05:LOTS 1-4,S2N2,S2 | |
| 0010 | T25S.,R33E.,SEC. 09: ALL | |
| 0011 | EOG RESOURCES INC 99.00% | |
| 0012 | R&R ROYALTY LTD 1.00% | |
| 0013 | RENTAL PAID FROM 09/01/2014 THRU 08/31/2015 | |
| 0014 | 10/15/2015 - RENTAL PAID 09/01/2015 - 08/31/2016; | |
| 0015 | 12/27/2016 R&R ROYALTY BONDED NMB000719 SW | |

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

Run Date/Time: 2/9/2021 12:49 PM

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01 02-25-1920;041STAT0437;30USC181

Total Acres:
240.000

Serial Number
NMNM 142944

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: PENDING

Case File Juris: CARLSBAD FIELD OFFICE

Serial Number: NMNM-- - 142944

| Name & Address | | | | | | Int Rel | % Interest |
|-------------------|-------------------|----------|----|-----------|------------------|---------|---------------|
| BLM NMSO | 301 DINOSAUR TRL | SANTA FE | NM | 875081560 | OFFICE OF RECORD | | 0.000000000 |
| EOG RESOURCES INC | 5509 CHAMPIONS DR | MIDLAND | TX | 797062843 | OPERATOR | | 100.000000000 |

Serial Number: NMNM-- - 142944

| Mer | Twp | Rng | Sec | S | Type | Nr | Suff | Subdivision | District/ Field Office | County | Mgmt Agency |
|-----|-------|-------|-----|------|------|----|------|-------------|------------------------|--------|---------------------|
| 23 | 0250S | 0330E | 009 | ALIQ | | | | E2E2; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |
| 23 | 0250S | 0330E | 016 | ALIQ | | | | E2NE; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 142944

Serial Number: NMNM-- - 142944

| Act Date | Act Code | Action Txt | Action Remarks | Pending Off |
|------------|----------|-------------------|----------------|-------------|
| 08/01/2020 | 387 | CASE ESTABLISHED | | |
| 08/01/2020 | 516 | FORMATION | BONE SPRING; | |
| 12/07/2020 | 580 | PROPOSAL RECEIVED | CA RECD; | |

Serial Number: NMNM-- - 142944

| Line Number | Remark Text |
|-------------|-------------|
|-------------|-------------|

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

Run Date/Time: 2/9/2021 12:47 PM

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01 02-25-1920;041STAT0437;30USC181

Total Acres:
240.000

Serial Number
NMNM 142943

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: PENDING

Case File Juris: CARLSBAD FIELD OFFICE

Serial Number: NMNM-- - 142943

| Name & Address | | | | | | Int Rel | % Interest |
|-------------------|-------------------|----------|----|-----------|------------------|---------|---------------|
| BLM NMSO | 301 DINOSAUR TRL | SANTA FE | NM | 875081560 | OFFICE OF RECORD | | 0.000000000 |
| EOG RESOURCES INC | 5509 CHAMPIONS DR | MIDLAND | TX | 797062843 | OPERATOR | | 100.000000000 |

Serial Number: NMNM-- - 142943

| Mer | Twp | Rng | Sec | S | Type | Nr | Suff | Subdivision | District/ Field Office | County | Mgmt Agency |
|-----|-------|-------|-----|------|------|----|------|-------------|------------------------|--------|---------------------|
| 23 | 0250S | 0330E | 009 | ALIQ | | | | E2W2; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |
| 23 | 0250S | 0330E | 016 | ALIQ | | | | E2NW; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 142943

Serial Number: NMNM-- - 142943

| Act Date | Act Code | Action Txt | Action Remarks | Pending Off |
|------------|----------|-------------------|----------------|-------------|
| 08/01/2020 | 387 | CASE ESTABLISHED | | |
| 08/01/2020 | 516 | FORMATION | BONE SPRING; | |
| 12/07/2020 | 580 | PROPOSAL RECEIVED | CA RECD; | |

Serial Number: NMNM-- - 142943

| Line Number | Remark Text |
|-------------|-------------|
|-------------|-------------|

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

Run Date/Time: 2/3/2021 7:09 AM

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01 02-25-1920;041STAT0437;30USC181

Total Acres:
240.000

Serial Number
NMNM 137577

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Case File Juris:

| Serial Number: NMNM-- - 137577 | | | | | | |
|--------------------------------|-------------------|----------|--------------|------------------|---------------|--|
| Name & Address | | | | Int Rel | % Interest | |
| BLM CARLSBAD FO | 620 E GREENE ST | CARLSBAD | NM 88220 | OFFICE OF RECORD | 0.000000000 | |
| EOG RESOURCES INC | 5509 CHAMPIONS DR | MIDLAND | TX 797062843 | OPERATOR | 100.000000000 | |

| Serial Number: NMNM-- - 137577 | | | | | | | | | | | |
|--------------------------------|-------|-------|-----|------|------|----|------|-------------|------------------------|--------|---------------------|
| Mer | Twp | Rng | Sec | S | Type | Nr | Suff | Subdivision | District/ Field Office | County | Mgmt Agency |
| 23 | 0250S | 0330E | 009 | ALIQ | | | | E2W2; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |
| 23 | 0250S | 0330E | 016 | ALIQ | | | | E2NW; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 137577

| Serial Number: NMNM-- - 137577 | | | |
|--------------------------------|----------|------------------------|------------------|
| Act Date | Act Code | Action Txt | Action Remarks |
| 04/19/2017 | 387 | CASE ESTABLISHED | |
| 04/19/2017 | 516 | FORMATION | WOLFCAMP |
| 04/19/2017 | 525 | ACRES-NONFEDERAL | 80.00;33.33% |
| 04/19/2017 | 526 | ACRES-FED INT 100% | 160.00;66.67% |
| 04/19/2017 | 868 | EFFECTIVE DATE | /A/ |
| 07/18/2017 | 580 | PROPOSAL RECEIVED | CA RECD |
| 08/23/2017 | 654 | AGRMT PRODUCING | NMNM137577,#704H |
| 11/20/2017 | 974 | AUTOMATED RECORD VERIF | LBO |
| 12/13/2017 | 334 | AGRMT APPROVED | |
| 12/13/2017 | 690 | AGRMT VALIDATED | |

| Serial Number: NMNM-- - 137577 | | | | |
|--------------------------------|--|-----------------|--------------|------------|
| Line Number | Remark Text | | | |
| 0001 | /A/RECAPITULATION EFFECTIVE 04/19/2017 | | | |
| 0002 | TR# | LEASE SERIAL NO | AC COMMITTED | % INTEREST |
| 0003 | 1 | NMNM118726 | 160.00 | 66.666667 |
| 0004 | 2 | STATE | 80.00 | 33.333333 |
| 0005 | | TOTAL | 240.00 | 100.000000 |

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

Run Date/Time: 2/3/2021 7:09 AM

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

Run Date/Time: 2/9/2021 12:48 PM

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01 02-25-1920;041STAT0437;30USC181

Total Acres:
240.000

Serial Number
NMNM 142945

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: PENDING

Case File Juris: CARLSBAD FIELD OFFICE

Serial Number: NMNM-- - 142945

| Name & Address | | | | | | Int Rel | % Interest |
|-------------------|-------------------|----------|----|-----------|------------------|---------|---------------|
| BLM NMSO | 301 DINOSAUR TRL | SANTA FE | NM | 875081560 | OFFICE OF RECORD | | 0.000000000 |
| EOG RESOURCES INC | 5509 CHAMPIONS DR | MIDLAND | TX | 797062843 | OPERATOR | | 100.000000000 |

Serial Number: NMNM-- - 142945

| Mer | Twp | Rng | Sec | SType | Nr | Suff | Subdivision | District/ Field Office | County | Mgmt Agency |
|-----|-------|-------|-----|-------|----|------|-------------|------------------------|--------|---------------------|
| 23 | 0250S | 0330E | 009 | ALIQ | | | W2E2; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |
| 23 | 0250S | 0330E | 016 | ALIQ | | | W2NE; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 142945

Serial Number: NMNM-- - 142945

| Act Date | Act Code | Action Txt | Action Remarks | Pending Off |
|------------|----------|-------------------|----------------|-------------|
| 08/01/2020 | 387 | CASE ESTABLISHED | | |
| 08/01/2020 | 516 | FORMATION | BONE SPRING; | |
| 12/07/2020 | 580 | PROPOSAL RECEIVED | CA RECD; | |

Serial Number: NMNM-- - 142945

| Line Number | Remark Text |
|-------------|-------------|
|-------------|-------------|

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

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01 02-25-1920;041STAT0437;30USC181

Total Acres:
240.000

Serial Number
NMNM 139983

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Case File Juris:

Serial Number: NMNM-- - 139983

| Name & Address | | | | | Int Rel | % Interest |
|-------------------|------------------|----------|----|-----------|------------------|---------------|
| BLM NMSO | 301 DINOSAUR TRL | SANTA FE | NM | 875081560 | OFFICE OF RECORD | 0.000000000 |
| EOG RESOURCES INC | PO BOX 2267 | MIDLAND | TX | 79702 | OPERATOR | 100.000000000 |

Serial Number: NMNM-- - 139983

| Mer | Twp | Rng | Sec | S | Type | Nr | Suff | Subdivision | District/ Field Office | County | Mgmt Agency |
|-----|-------|-------|-----|------|------|----|------|-------------|------------------------|--------|---------------------|
| 23 | 0250S | 0330E | 009 | ALIQ | | | | W2E2; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |
| 23 | 0250S | 0330E | 016 | ALIQ | | | | W2NE; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 139983

Serial Number: NMNM-- - 139983

| Act Date | Act Code | Action Txt | Action Remarks | Pending Off |
|------------|----------|-------------------|-----------------|-------------|
| 01/01/2018 | 387 | CASE ESTABLISHED | | |
| 01/01/2018 | 516 | FORMATION | WOLFCAMP; | |
| 01/01/2018 | 525 | ACRES-NONFEDERAL | 80.00;33.33% | |
| 01/01/2018 | 868 | EFFECTIVE DATE | /A/ | |
| 07/04/2018 | 654 | AGRMT PRODUCING | NMNM139983,708H | |
| 04/18/2019 | 580 | PROPOSAL RECEIVED | CA RECD; | |
| 11/13/2019 | 334 | AGRMT APPROVED | | |
| 11/16/2019 | 690 | AGRMT VALIDATED | | |

Serial Number: NMNM-- - 139983

| Line Number | Remark Text |
|-------------|---|
| 0001 | ` |
| 0002 | /A/RECAPITULATION EFFECTIVE 01/01/2018 |
| 0003 | TR# LEASE SERIAL NO AC COMMITTED % INTEREST |
| 0004 | 1 NMNM 118726 160.00 66.6667 |
| 0005 | 2 STATE 80.00 33.3333 |
| 0006 | TOTAL 240.00 100.0000 |

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
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Run Date/Time: 2/9/2021 12:43 PM

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01 02-25-1920;041STAT0437;30USC181

Total Acres:
240.000

Serial Number
NMNM 142942

Case Type 318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: PENDING

Case File Juris: CARLSBAD FIELD OFFICE

Serial Number: NMNM-- - 142942

| Name & Address | | | | | | Int Rel | % Interest |
|-------------------|-------------------|----------|----|-----------|------------------|---------|---------------|
| BLM NMSO | 301 DINOSAUR TRL | SANTA FE | NM | 875081560 | OFFICE OF RECORD | | 0.000000000 |
| EOG RESOURCES INC | 5509 CHAMPIONS DR | MIDLAND | TX | 797062843 | OPERATOR | | 100.000000000 |

Serial Number: NMNM-- - 142942

| Mer | Twp | Rng | Sec | S | Type | Nr | Suff | Subdivision | District/ Field Office | County | Mgmt Agency |
|-----|-------|-------|-----|------|------|----|------|-------------|------------------------|--------|---------------------|
| 23 | 0250S | 0330E | 009 | ALIQ | | | | W2W2; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |
| 23 | 0250S | 0330E | 016 | ALIQ | | | | W2NW; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 142942

Serial Number: NMNM-- - 142942

| Act Date | Act Code | Action Txt | Action Remarks | Pending Off |
|------------|----------|-------------------|----------------|-------------|
| 08/01/2020 | 387 | CASE ESTABLISHED | | |
| 08/01/2020 | 516 | FORMATION | BONE SPRING; | |
| 12/07/2020 | 580 | PROPOSAL RECEIVED | CA RECD; | |

Serial Number: NMNM-- - 142942

| Line Number | Remark Text |
|-------------|-------------|
|-------------|-------------|

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

Run Date/Time: 2/3/2021 7:07 AM

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01 02-25-1920;041STAT0437;30USC181

Total Acres:
240.000

Serial Number
NMNM 137576

Case Type318310: O&G COMMUNITIZATION AGRMT

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Case File Juris:

| | | | | | | Serial Number: NMNM-- - 137576 | |
|-------------------|-------------------|----------|----|-----------|------------------|--------------------------------|---------------|
| Name & Address | | | | | | Int Rel | % Interest |
| BLM CARLSBAD FO | 620 E GREENE ST | CARLSBAD | NM | 88220 | OFFICE OF RECORD | | 0.000000000 |
| EOG RESOURCES INC | 5509 CHAMPIONS DR | MIDLAND | TX | 797062843 | OPERATOR | | 100.000000000 |

| | | | | | | | | Serial Number: NMNM-- - 137576 | |
|-----|-------|-------|-----|------|------|----|------|--------------------------------|------------------------|
| Mer | Twp | Rng | Sec | S | Type | Nr | Suff | Subdivision | District/ Field Office |
| 23 | 0250S | 0330E | 009 | ALIQ | | | | W2W2; | CARLSBAD FIELD OFFICE |
| 23 | 0250S | 0330E | 016 | ALIQ | | | | W2NW; | CARLSBAD FIELD OFFICE |

Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 137576

| | | | | Serial Number: NMNM-- - 137576 | |
|------------|----------|--------------------|-----------------|--------------------------------|--|
| Act Date | Act Code | Action Txt | Action Remarks | Pending Off | |
| 04/19/2017 | 387 | CASE ESTABLISHED | | | |
| 04/19/2017 | 516 | FORMATION | WOLFCAMP | | |
| 04/19/2017 | 525 | ACRES-NONFEDERAL | 80;33.33% | | |
| 04/19/2017 | 526 | ACRES-FED INT 100% | 160;66.67% | | |
| 04/19/2017 | 868 | EFFECTIVE DATE | /A/ | | |
| 07/18/2017 | 580 | PROPOSAL RECEIVED | CA RECD | | |
| 08/23/2017 | 654 | AGRMT PRODUCING | NMNM137576,703H | | |
| 12/13/2017 | 334 | AGRMT APPROVED | | | |
| 12/13/2017 | 690 | AGRMT VALIDATED | | | |

| Line Number | | Remark Text | Serial Number: NMNM-- - 137576 | | |
|-------------|-----|---|--------------------------------|------------|--|
| 0001 | | /A/ RECAPITULATION EFFECTIVE 04/19/2017 | | | |
| 0002 | TR# | LEASE SERIAL NO | AC COMMITTED | % INTEREST | |
| 0003 | 1 | NMNM118726 | 160.00 | 66.666667 | |
| 0004 | 2 | STATE | 80.00 | 33.333333 | |
| 0005 | | TOTAL | 240.00 | 100.000000 | |

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

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ONLINE Version
COMMUNITIZATION AGREEMENT

Contract No. _____

THIS AGREEMENT, entered into as of the date shown in Section 10 hereof by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto,"

WITNESSETH:

WHEREAS, the Act of February 25, 1920, 41 Stat. 437, as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a federal oil and gas lease, or any portions thereof, with other lands, whether or not owned by the United States, when separate tracts under such federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area, and such communitization or pooling is determined to be in the public interest; and,

WHEREAS, the Commissioner of Public Lands of the State of New Mexico, herein called "the Commissioner", is authorized to consent to and approve agreements pooling state oil and gas leases or any portion thereof, when separate tracts under such state leases cannot be independently developed and operated economically in conformity with well-spacing and gas proration rules and regulations established for the field or area and such pooling is determined to be in the public interest; and,

WHEREAS, the parties hereto own working, royalty, or other leasehold interests, or operating rights under the oil and gas leases and land subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and,

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of the agreement;

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Subdivisions E/2E/2 Section 9 and E/2NE/4 Section 16, T25S, R33E, N.M.P.M., Lea County, New Mexico

Containing 240.00 acres, more or less, and this agreement shall include only the Wolfcamp Formation underlying said lands and the oil, natural gas, and associated liquid hydrocarbons (hereinafter referred to as "communitized substances") producible from such formation

2. Attached hereto, and made a part of this agreement for all purposes, is Exhibit "B" designating the operator of the communitized area and showing the acreage, percentage, and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.
3. All matters of operation shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area and three (3) executed copies of a designation of successor operator shall be filed with the Authorized Officer and three (3) additional executed copies thereof shall be filed with the Commissioner.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, and the Commissioner, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties, and such other reports as are deemed necessary to compute monthly the royalty due the United States and the State of New Mexico, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety with the understanding and agreement between the parties hereto that all communitized substances produced therefrom shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of leasehold bears to the entire acreage interest committed to this agreement.
6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any federal lease bearing a sliding-or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.

8. The commencement, completion, continued operation or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules, and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or is such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is May 31, 2019, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution of the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of Interior, or his duly authorized representative, and by the Commissioner or his duly authorized representative, and shall remain in force and effect for a period of two (2) years and so long thereafter as communitized substances are produced or can be produced from the communitized area in paying quantities; provided, that the two-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period; provided further that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of Interior, or his duly authorized representative, and all requirements of the Commissioner, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of the capability of production if, within sixty (60) days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted and prosecuted with reasonable diligence. As to lands owned by the State of New Mexico, written notice of intention to commence such operations shall be filed with the Commissioner within thirty (30) days after the cessation of such capability of production, and a report of the status of such operations shall be made by the Operator to the Commissioner every thirty (30) days, and the cessation of such operations for more than twenty (20) consecutive days shall be considered as an abandonment of such operations as to any lease from the State of New Mexico included in this agreement.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interest until this agreement terminates, and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal lands shall be subject to approval by the Secretary of the Interior, and as to State of New Mexico lands shall be subject to approval by the Commissioner.
12. It is agreed by the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all operations within the communitized area to the same extent and degree as provided in the oil and gas leases under which the United

States of America is lessor, and in the applicable oil and gas operating regulations of the Department of the Interior. It is further agreed between the parties hereto that the Commissioner shall have the right of supervision over all operations to the same extent and degree as provided in the oil and gas leases under which the State of New Mexico is lessor and in the applicable oil and gas statutes and regulations of the State of New Mexico.

13. The agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
15. Nondiscrimination: In connection with the performance of work under this agreement, the Operator agrees to comply with all of the provisions of Section 202 (1) to (7) inclusive, of Executive Order 11246 (30 F. R. 12319), as amended which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first written and have set opposite their respective names the date of execution.

Operator EOG Resources, Inc.

Lesse of Record: EOG Resources, Inc.

By: 

FCB

Lease #: USA NMNM-118726

Wendy Dalton
Printed name of person

Agent and Attorney-In-Fact
Type of authority

By: _____ *RCD*

Wendy Dalton
Printed name of person

Agent and Attorney-In-Fact
Type of authority

Acknowledgments are on following page.

Acknowledgment in a Representative Capacity

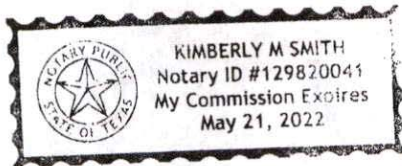
State of Texas _____)

County of Midland _____) ss)

This instrument was acknowledged before me on 2/12/2020
DATE

By Wendy Dalton, as Agent and Attorney-In-Fact on behalf of EOG Resources, Inc., a Delaware corporation on behalf of said corporation.

(Seal)



Kimberly M. Smith
Signature of Notarial Officer

My commission expires: May 21, 2022

Lessee of Record: R & R Royalty LTD., A Texas
Limited Partnership By: Magnum
O&G, Inc. General Partner of R&R
Royalty, LTD.

Lease #: USA NMNM-118726

By: _____

Printed name of person

Type of authority

Acknowledgment in a Representative Capacity

State of _____)

County of _____) ss)

This instrument was acknowledged before me on _____
DATE

By _____, as _____ on behalf of

_____, a _____,

on behalf of said corporation.

(Seal)

Signature of Notarial Officer

My commission expires: _____

Lessee of Record: Energen Resources Corporation

Lease #: ST NM V0-4422-2

By: _____

Printed name of person

Type of authority

Acknowledgment in a Representative Capacity

State of _____)

County of _____) ss)

This instrument was acknowledged before me on _____
DATE

By _____, as _____ on behalf of Energen Resources
Corporation, a _____, on behalf of said corporation.

(Seal)

Signature of Notarial Officer

My commission expires: _____

Exhibit A

To Communitization Agreement dated May 31, 2019, embracing the E/2E/2 Section 9 and E/2NE/4 Section 16, T25S, R33E, N.M.P.M., Lea County, New Mexico

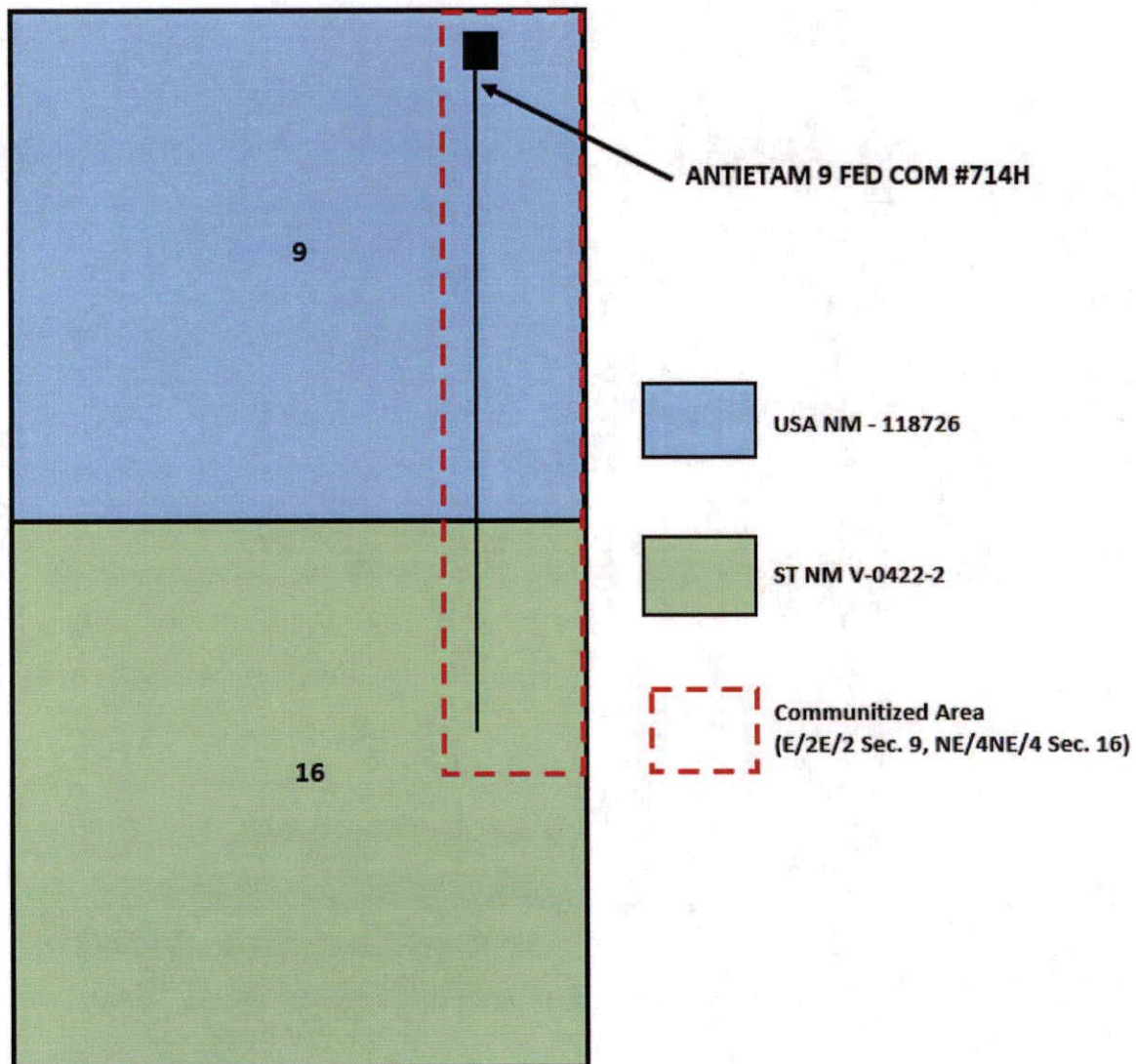


Exhibit B

To Communitization Agreement dated May 31, 2019, embracing the E/2E/2 Section 9 and E/2NE/4 Section 16, T25S, R33E, N.M.P.M., Lea County, New Mexico

Operator of Communitized Area: EOG Resources, Inc.

TRACT NO 1

Lease Serial No.: USA NMNM-118726
Lease Date: September 1, 2007
Lease Term: 10 years
Lessor: United States Department of the Interior Bureau of Land Management
Original Lessee: R&R Royalty, Ltd.
Present Lessee: EOG Resources, Inc.
Description of Lands Committed: Insofar and only insofar as said lease covers All of Section 9, T25S-R33E, N.M.P.M. Lea County, New Mexico
Number of Acres: 160
Royalty Rate: 12.5%
Name and Percent WI Owners: EOG Resources, Inc.99.00%
Mickey Resources, LLC.....1.00%
Name and Percent ORRI Owners: n/a

TRACT NO 2

Lease Serial No.: ST NM V0-4422-2
Lease Date: August 1, 1994
Lease Term: 5 Years
Lessor: State of New Mexico
Original Lessee: PG&E Resources Company
Present Lessee: Energen Resources Corporation
Description of Lands Committed: Insofar and only insofar as said lease covers All of Section 16, T25S-R33E, N.M.P.M. Lea County, New Mexico
Number of Acres: 80
Royalty Rate: 3/16th
Name and Percent WI Owners: EOG Resources, Inc.100%
Name and Percent ORRI Owners: Energen Resources Corporation.....2.50%
Magnum Hunter Production, Inc..... 3.33%

RECAPITULATION

| Tract numbers | Number of Acres Committed | Percentage of Interest in Communitized Area |
|---------------|------------------------------|--|
| Tract No.1 | 160.00 | 66.66666667% |
| Tract No.2 | 80.00 | 33.33333333% |
| Total | 240.00 | 100.000000% |