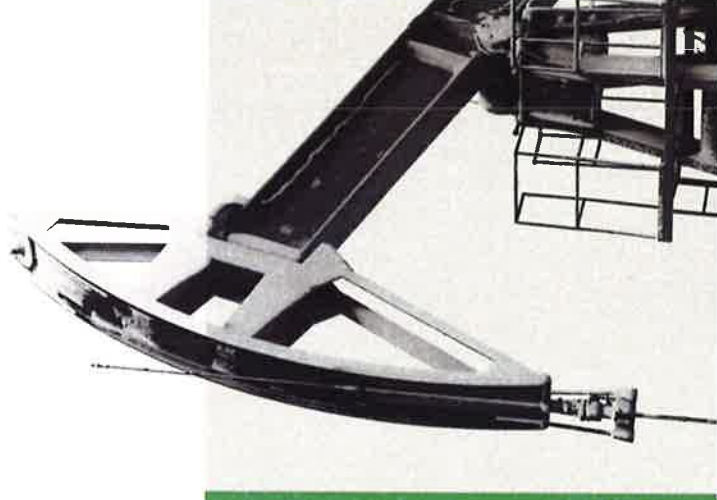




COG OPERATING LLC

Green Beret Federal Com 501H
Green Beret Federal Com 601H, 602H
Green Beret Federal Com 701H, 702H, 801H
Section 20-T25S-35E
Lea County, New Mexico

Case Nos. 21264-21265
BEFORE THE OIL CONSERVATION DIVISION
EXAMINER HEARING May 28, 2020



**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

**APPLICATIONS OF COG OPERATING LLC
FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NOS. 21264-21265

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 - COG Exhibit B-1: Top of Second Bone Spring Structure Map
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 - COG Exhibit B-6: Well Locator Map
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- **COG Exhibit D:** Affidavit of Publication

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 21264	APPLICANT'S RESPONSE
Date: May 28, 2020	
Applicant	COG Operating LLC
Designated Operator & OGRID (affiliation if applicable)	229137
Applicant's Counsel:	Holland & Hart
Case Title:	APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	
Well Family	Green Beret
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	WC-025 G-08 S2535340;BONE SPRING (97088)
Well Location Setback Rules:	Standard
Spacing Unit Size:	480-acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	480-acres
Building Blocks:	quarter-quarter sections
Orientation:	North-South
Description: TRS/County	E/2 of Sec. 20 and NE/4 of Sec. 29, 25S, 35E, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	Yes, E/2 E/2 of Sec 20 and E/2 NE/4 of Sec. 29
Proximity Defining Well: if yes, description	Green Beret Federal Com #602H
Applicant's Ownership in Each Tract	Exhibit A-3
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	

Well #1	<u>Green Beret Federal Com 501H (API pending)</u> SHL: 465 FNL and 2095 FEL (Unit B) of Section 20 BHL: 2590 FNL and 1980 FEL (Unit G) of Section 29 Township 25 South, Range 35 East Completion Target: Bone Spring formation Well Orientation: North to South Completion Location expected to be: Standard
Well #2	<u>Green Beret Federal Com 601H (API pending)</u> SHL: 370 FNL and 760 FEL (Unit A) of Section 20 BHL: 2590 FNL and 660 FEL (Unit H) of Section 29 Township 25 South, Range 35 East Completion Target: Bone Spring formation Well Orientation: North to South Completion Location expected to be: Standard
Well #3	<u>Green Beret Federal Com 602H (API pending)</u> SHL: 465 FNL and 2035 FEL (Unit B) of Section 20 BHL: 2590 FNL and 1640 FEL (Unit G) of Section 29 Township 25 South, Range 35 East Completion Target: Bone Spring formation Well Orientation: North to South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit A-1
Completion Target (Formation, TVD and MD)	Exhibit A-4
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$7,500
Production Supervision/Month \$	\$750
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit C
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit D
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including lease numbers and owners)	Exhibit A-3
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	Exhibit D
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	

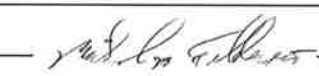
Sample Copy of Proposal Letter	Exhibit A-4, A-5, A-6 and A-7
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A-9
Overhead Rates In Proposal Letter	Exhibit A-4
Cost Estimate to Drill and Complete	Exhibit A-8
Cost Estimate to Equip Well	Exhibit A-8
Cost Estimate for Production Facilities	Exhibit A-8
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit A-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit A-2
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-4 and B-5
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit A-2
Well Bore Location Map	Exhibit A-2
Structure Contour Map - Subsea Depth	Exhibit B-1 and B-2
Cross Section Location Map (including wells)	Exhibit B-3
Cross Section (including Landing Zone)	Exhibit B-4 and B-5
Additional Information	
Special Provisions/Stipulations	None
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Michael H. Feldewert
Signed Name (Attorney or Party Representative):	
Date:	26-May-20

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 21265	APPLICANT'S RESPONSE
Date: May 28, 2020	
Applicant	COG Operating LLC
Designated Operator & OGRID (affiliation if applicable)	229137
Applicant's Counsel:	Holland & Hart
Case Title:	APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	
Well Family	Green Beret
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	DOGIE DRAW;WOLFCAMP Pool (17980)
Well Location Setback Rules:	Standard
Spacing Unit Size:	480-acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	480-acres
Building Blocks:	quarter-quarter sections
Orientation:	North-South
Description: TRS/County	E/2 of Sec. 20 and NE/4 of Sec. 29, 25S, 35E, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	Yes, W/2 E/2 of Sec 20 and W/2 NE/4 of Sec. 29
Proximity Defining Well: if yes, description	Green Beret Federal Com 701H
Applicant's Ownership in Each Tract	Exhibit A-3
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	

Well #1	Green Beret Federal Com 701H (API pending) SHL: 370 FNL and 790 FEL (Unit A) of Section 20 BHL: 2590 FNL and 1210 FEL (Unit H) of Section 29 Township 25 South, Range 35 East Completion Target: Wolfcamp formation Well Orientation: North to South Completion Location expected to be: Standard
Well #2	Green Beret Federal Com 702H (API pending) SHL: 465 FNL and 2125 FEL (Unit B) of Section 20 BHL: 2590 FNL and 2310 FEL (Unit G) of Section 29 Township 25 South, Range 35 East Completion Target: Wolfcamp formation Well Orientation: North to South Completion Location expected to be: Standard
Well #3	Green Beret Federal Com 801H (API pending) SHL: 465 FNL and 2065 FEL (Unit B) of Section 20 BHL: 2590 FNL and 1760 FEL (Unit G) of Section 29 Township 25 South, Range 35 East Completion Target: Wolfcamp formation Well Orientation: North to South Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit A-1
Completion Target (Formation, TVD and MD)	Exhibit A-4
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$7,500
Production Supervision/Month \$	\$750
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit C
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit D
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including lease numbers and owners)	Exhibit A-3
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	Exhibit D
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	

Sample Copy of Proposal Letter	Exhibit A-4, A-5, A-6 and A-7
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A-9
Overhead Rates In Proposal Letter	Exhibit A-4
Cost Estimate to Drill and Complete	Exhibit A-8
Cost Estimate to Equip Well	Exhibit A-8
Cost Estimate for Production Facilities	Exhibit A-8
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit A-2
Gunbarrel/Lateral Trajectory Schematic	Exhibit A-2
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-5
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit A-2
Well Bore Location Map	Exhibit A-2
Structure Contour Map - Subsea Depth	Exhibit B-2
Cross Section Location Map (including wells)	Exhibit B-3
Cross Section (including Landing Zone)	Exhibit B-5
Additional Information	
Special Provisions/Stipulations	None
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Michael H. Feldewert
Signed Name (Attorney or Party Representative):	
Date:	26-May-20

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

**APPLICATION OF COG OPERATING LLC
FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NO. 22

APPLICATION

COG Operating LLC ("Applicant") (OGRID No. 229137), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 480-acre, more or less, horizontal spacing unit comprised of the E/2 of Section 20, and the NE/4 of Section 29, Township 25 South, Range 35 East, Lea County, New Mexico. In support of its application, COG states:

1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
2. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the following proposed wells:
 - The **Green Beret Federal Com #501H well** and the **Green Beret Federal Com #602H well**, both of which will be drilled from a common surface hole location in the NW/4 NE/4 (Unit B) of Section 20 to bottom hole locations in the SW/4 NE/4 (Unit G) of Section 29; and
 - The **Green Beret Federal Com #601H well**, to be drilled from a surface hole location in NE/4 NE/4 (Unit A) of Section 20 to a bottom hole location in the SE/4 NE/4 (Unit H) of Section 29.

3. The completed interval for the proposed **Green Beret Federal Com #602H well** will remain within 330 feet of the quarter-quarter line separating the E/2 E/2 from the W/2 E/2 of Section 20, and the E/2 NE/4 from the W/2 NE/4 of Section 29, to allow inclusion of these proximity tracts in a standard 480-acre horizontal well spacing unit.

4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all the interest owners in the subject spacing unit.

5. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

6. In order to permit Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this horizontal spacing unit should be pooled and Applicant should be designated the operator of the proposed horizontal well spacing unit.

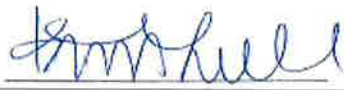
WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on May 14, 2020, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the horizontal spacing unit;
- B. Approving the initial wells in the horizontal spacing unit;
- C. Designating Applicant as the operator of this spacing unit and the horizontal wells to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping, and completing the wells;
- E. Approving the actual operating charges and costs of supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

- F. Imposing a 200% charge for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

HOLLAND & HART LLP

By: 

Michael H. Feldewert

Adam G. Rankin

Julia Broggi

Kaitlyn A. Luck

Post Office Box 2208

Santa Fe, New Mexico 87504-2208

(505) 988-4421

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jbroggi@hollandhart.com

kaluck@hollandhart.com

ATTORNEYS FOR COG OPERATING LLC

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

**APPLICATION OF COG OPERATING LLC
FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NO. 2 2

APPLICATION

COG Operating LLC (“Applicant”) (OGRID No. 229137), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 480-acre, more or less, horizontal spacing unit comprised of the E/2 of Section 20, and the NE/4 of Section 29, Township 25 South, Range 35 East, Lea County, New Mexico. In support of its application, COG states:

1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
2. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the following proposed wells:
 - The **Green Beret Federal Com #701H well**, to be drilled from a surface hole location in NE/4 NE/4 (Unit A) of Section 20 to a bottom hole location in the SE/4 NE/4 (Unit H) of Section 29; and
 - The **Green Beret Federal Com #702H well** and the **Green Beret Federal Com #801H well**, both of which will be drilled from a common surface hole location in the NW/4 NE/4 (Unit B) of Section 20 to bottom hole locations in the SW/4 NE/4 (Unit G) of Section 29.

3. The completed interval for the proposed **Green Beret Federal Com #701H well** will remain within 330 feet of the quarter-quarter line separating the E/2 E/2 from the W/2 E/2 of Section 20, and the E/2 NE/4 from the W/2 NE/4 of Section 29, to allow inclusion of these proximity tracts in a standard 480-acre horizontal well spacing unit.

4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all the interest owners in the subject spacing unit.

5. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

6. In order to permit Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this horizontal spacing unit should be pooled and Applicant should be designated the operator of the proposed horizontal well spacing unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on May 14, 2020, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the horizontal spacing unit;
- B. Approving the initial wells in the horizontal spacing unit;
- C. Designating Applicant as the operator of this spacing unit and the horizontal wells to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping, and completing the wells;
- E. Approving the actual operating charges and costs of supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

- F. Imposing a 200% charge for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

HOLLAND & HART LLP

By:  _____

Michael H. Feldewert

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ATTORNEYS FOR COG OPERATING LLC

STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

APPLICATION OF COG OPERATING LLC
FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.

CASE NOS. 21264 & 21265

AFFIDAVIT OF MEGAN TIPTON, LANDMAN

Megan Tipton, being of lawful age and duly sworn, states the following:

1. My name is Megan Tipton and I am employed by COG Operating LLC ("COG") as a Landman. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters and my credentials have been accepted by the Division and made a matter of record.

2. I am familiar with the applications filed by COG these consolidated matters and the status of the lands in the subject area.

3. None of the mineral owners to be pooled have expressed opposition to these proceedings, so I do not expect any opposition at the hearing.

4. COG seeks orders pooling all uncommitted interests in the Bone Spring and Wolfcamp formations underlying two standard 480-acre, more or less, horizontal spacing units comprised of the E/2 of Section 20, and the NE/4 of Section 29, Township 25 South, Range 35 East, Lea County, New Mexico.

5. Under Case 21264, COG seeks to pool the Bone Spring formation [WC-025 G-08 S2535340;BONE SPRING Pool (97088)] and initially dedicate the spacing unit to the following proposed initial wells:

- The **Green Beret Federal Com #501H** and **Green Beret Federal Com #602H** to be drilled from a common surface hole location in the NW/4 NE/4 (Unit B) of Section 20 to bottom hole locations in the SW/4 NE/4 (Unit G) of Section 29; and
- The **Green Beret Federal Com #601H** to be drilled from a surface hole location in NE/4 NE/4 (Unit A) of Section 20 to a bottom hole location in the SE/4 NE/4 (Unit H) of Section 29.

The completed interval for the proposed Green Beret Federal Com #602H well will remain within 330 feet of the E/2 E/2 of Section 20, and the E/2 NE/4 of Section 29, to allow inclusion of these proximity tracts in a standard 480-acre horizontal well spacing unit.

6. Under Case 21265, COG seeks to pool the Wolfcamp formation [DOGIE DRAW;WOLFCAMP Pool (17980)] and initially dedicate the spacing unit to the following proposed initial wells:

- The **Green Beret Federal Com #701H** to be drilled from a surface hole location in NE/4 NE/4 (Unit A) of Section 20 to a bottom hole location in the SE/4 NE/4 (Unit H) of Section 29; and
- The **Green Beret Federal Com #702H** and **Green Beret Federal Com #801H** to be drilled from a common surface hole location in the NW/4 NE/4 (Unit B) of Section 20 to bottom hole locations in the SW/4 NE/4 (Unit G) of Section 29.

The completed interval for the proposed Green Beret Federal Com #701H well will remain within 330 feet of the W/2 E/2 of Section 20 and the W/2 NE/4 of Section 29 to allow inclusion of these proximity tracts in a standard 480-acre horizontal well spacing unit.

7. **Exhibit A-1** contains Form C-102s for the proposed initial wells for each spacing unit in numerical order.

8. **Exhibit A-2** is a general location map outlining the acreage being pooled and the lateral trajectory of the proposed wells. The acreage is comprised of federal and fee lands.

9. **Exhibit A-3** identifies the tracts of land comprising the proposed spacing units, the working interest ownership in each tract and their respective interest in the horizontal spacing units. The ownership is the same in the Bone Spring and Wolfcamp formations and no ownership depth severances exist within in these formations underlying the subject acreage.

10. COG has highlighted on Exhibit A-3 the mineral owners that remain to be pooled. They consist of a working interest owner, unleased mineral owners, nonparticipating royalty owners and estates with title issues.

11. COG has conducted a diligent search of company records, county records, telephone directories and conducted computer searches to locate contact information for each of the mineral owners that it seeks to pool.

12. **Exhibits A-4, A-5, A-6 and A-7** contains a sample of the letters for the proposed wells and spacing units sent to the working interest owners, unleased mineral owners, nonparticipating royalty owners and the estate representatives that COG has been able to locate.

13. **Exhibit A-8** contains the AFEs accompanying the letters sent to the cost-bearing owners. The costs reflected on these AFE's are consistent with what COG and other operators have incurred for drilling similar horizontal wells in the area in these formations.

14. **Exhibit A-9** contains a chronology of the contacts with the uncommitted mineral owners COG was able to locate. COG has made a good faith effort to obtain voluntary joinder of these owners in the proposed wells.

15. COG requests overhead and administrative rates of \$7,500 per month for drilling and \$750 per month for a producing well. These rates are consistent with the rates charged by COG and other operators for similar wells in this area.

16. I have provided the law firm of Holland and Hart, LLP, with the names and addresses (where available) of the mineral owners that COG seeks to pool and instructed that they be notified of this hearing.

17. There is an existing Bone Spring spacing unit comprised of the E/2 E/2 of Section 29. However, since COG owns all of the working interest in that existing spacing unit, there are no working interest owners affected by the proposed overlapping Bone Spring spacing unit.

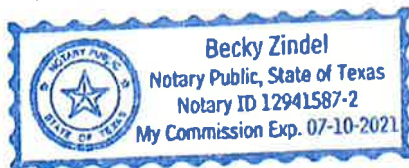
18. Exhibits A-1 through A-9 were prepared by me or compiled under my direction from company business records.

FURTHER AFFIANT SAYETH NAUGHT

Megan L Tipton
MEGAN TIPTON

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

SUBSCRIBED and SWORN to before me this 22 day of May 2020 by Megan Tipton.



Becky Zindel
NOTARY PUBLIC

My Commission Expires:

7/10/2021

DISTRICT I
1825 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 RD., 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
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025	Pool Code 97088	Pool Name WC-025 G-08 S2535340; Bone Spring
Property Code	Property Name GREEN BERET FEDERAL COM	Well Number 501H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3281.5'

Surface Location


UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	25-S	35-E		465	NORTH	2095	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	29	25-S	35-E		2590	NORTH	1980	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
480			

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

<p>NAD 27 NME SURFACE LOCATION Y=409293.8 N X=792876.2 E LAT.=32.121731° N LONG.=103.387322° W</p> <p>POINT LEGEND</p> <table><tr><td>1</td><td>Y=409755.6 N X=792325.0 E</td></tr><tr><td>2</td><td>Y=404473.4 N X=792372.7 E</td></tr><tr><td>3</td><td>Y=401852.5 N X=795040.0 E</td></tr><tr><td>4</td><td>Y=404491.9 N X=795015.0 E</td></tr><tr><td>5</td><td>Y=407131.1 N X=794991.3 E</td></tr><tr><td>6</td><td>Y=409770.7 N X=794966.9 E</td></tr></table> <p>NAD 27 NME PROPOSED BOTTOM HOLE LOCATION Y=401888.2 N X=793059.6 E LAT.=32.101371° N LONG.=103.386940° W</p>	1	Y=409755.6 N X=792325.0 E	2	Y=404473.4 N X=792372.7 E	3	Y=401852.5 N X=795040.0 E	4	Y=404491.9 N X=795015.0 E	5	Y=407131.1 N X=794991.3 E	6	Y=409770.7 N X=794966.9 E	<p>100' FNL & 1980' FEL Y=409659.4 N X=792987.8 E LAT.=32.122733° N LONG.=103.386951° W GRID AZ. TO FTP 16°58'23"</p> <p>2540' FNL & 1980' FEL Y=401938.2 N X=793059.2 E LAT.=32.101508° N LONG.=103.386940° W</p> <p>SECTION 20 SECTION 29</p> <p>GRID AZ. - 179°28'14" HORZ. DIST. - 7771.5'</p> <p>2590'</p> <p>1980'</p> <p>B.H.</p> <p>LEASE X-ING LAT.=32.119374° N LONG.=103.386949° W</p> <p>LEASE X-ING LAT.=32.115731° N LONG.=103.386947° W</p> <p>LEASE X-ING LAT.=32.108490° N LONG.=103.386943° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 22, 2020</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p></p> <p>Chad Harcrow 1/27/20</p> <p>Certificate No. CHAD HARCROW 17777</p> <p>W.O. # 20-102 DRAWN BY: DS</p>
1	Y=409755.6 N X=792325.0 E													
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6	Y=409770.7 N X=794966.9 E													

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. A1

Submitted by: COG OPERATING LLC

Hearing Date: May 28, 2020

Case Nos. 21264-21265

DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
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Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025	Pool Code 97088	Pool Name WC-025 G-08 S2535340; Bone Spring
Property Code	Property Name GREEN BERET FEDERAL COM	Well Number 601H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3254.8'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	25-S	35-E		370	NORTH	760	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	29	25-S	35-E		2590	NORTH	660	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
480			

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<p>NAD 27 NME <u>SURFACE LOCATION</u> Y=409396.4 N X=794210.3 E LAT.=32.121980° N LONG.=103.383010° W</p> <table border="1"> <thead> <tr> <th colspan="2">POINT LEGEND</th> </tr> </thead> <tbody> <tr><td>1</td><td>Y=409755.6 N X=792325.0 E</td></tr> <tr><td>2</td><td>Y=404473.4 N X=792372.7 E</td></tr> <tr><td>3</td><td>Y=401852.5 N X=795040.0 E</td></tr> <tr><td>4</td><td>Y=404491.9 N X=795015.0 E</td></tr> <tr><td>5</td><td>Y=407131.1 N X=794991.3 E</td></tr> <tr><td>6</td><td>Y=409770.7 N X=794966.9 E</td></tr> </tbody> </table> <p>NAD 27 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=401897.4 N X=794379.6 E LAT.=32.101364° N LONG.=103.382677° W</p>	POINT LEGEND		1	Y=409755.6 N X=792325.0 E	2	Y=404473.4 N X=792372.7 E	3	Y=401852.5 N X=795040.0 E	4	Y=404491.9 N X=795015.0 E	5	Y=407131.1 N X=794991.3 E	6	Y=409770.7 N X=794966.9 E	<p>FIP 100' FNL & 660' FEL Y=409667.0 N X=794307.8 E LAT.=32.122722° N LONG.=103.382688° W GRID AZ. TO FIP 19°49'21"</p> <p>LEASE X-ING LAT.=32.119366° N LONG.=103.382686° W</p> <p>LEASE X-ING LAT.=32.115734° N LONG.=103.382684° W</p> <p>LEASE X-ING LAT.=32.108483° N LONG.=103.382681° W</p> <p>GRID AZ. = 179°28'14" HORZ. DIST. = 7769.8'</p> <p>2590'</p> <p>660'</p> <p>B.H.</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 22, 2020</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p> Chad L. Hargrow 1/27/20 Certificate No. CHAD HARGROW 17777 W.O. # 20-100 DRAWN BY: DS</p>
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025	Pool Code 97088	Pool Name WC-025 G-08 S2535340; Bone Spring
Property Code	Property Name GREEN BERET FEDERAL COM	Well Number 602H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3280.2'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	25-S	35-E		465	NORTH	2035	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	29	25-S	35-E		2590	NORTH	1640	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
480			

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<p>NAD 27 NME <u>SURFACE LOCATION</u> Y=409294.1 N X=792936.2 E LAT.=32.121730° N LONG.=103.387128° W</p> <table border="1"> <thead> <tr> <th colspan="2">POINT LEGEND</th> </tr> </thead> <tbody> <tr><td>1</td><td>Y=409755.6 N X=792325.0 E</td></tr> <tr><td>2</td><td>Y=404473.4 N X=792372.7 E</td></tr> <tr><td>3</td><td>Y=401852.5 N X=795040.0 E</td></tr> <tr><td>4</td><td>Y=404491.9 N X=795015.0 E</td></tr> <tr><td>5</td><td>Y=407131.1 N X=794991.3 E</td></tr> <tr><td>6</td><td>Y=409770.7 N X=794966.9 E</td></tr> </tbody> </table> <p>NAD 27 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=401890.6 N X=793399.6 E LAT.=32.101369° N LONG.=103.385842° W</p>	POINT LEGEND		1	Y=409755.6 N X=792325.0 E	2	Y=404473.4 N X=792372.7 E	3	Y=401852.5 N X=795040.0 E	4	Y=404491.9 N X=795015.0 E	5	Y=407131.1 N X=794991.3 E	6	Y=409770.7 N X=794966.9 E	<p>465' S.L.</p> <p>2035'</p> <p>LEASE X-ING LAT.=32.119372° N LONG.=103.385851° W</p> <p>LEASE X-ING LAT.=32.115732° N LONG.=103.385849° W</p> <p>LEASE X-ING LAT.=32.108488° N LONG.=103.385845° W</p> <p>GRID AZ. - 179°28'14" HORZ. DIST. - 7771.1'</p> <p>2590'</p> <p>1640'</p> <p>SECTION 20</p> <p>SECTION 29</p> <p>2540' FNL & 1640' FEL Y=401940.6 N X=793399.2 E LAT.=32.101506° N LONG.=103.385842° W</p> <p>B.H.</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 22, 2020</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p> Chad L. Harcrow 1/27/20 Certificate No. CHAD HARCROW 17777 W.O. # 20-104 DRAWN BY: DS</p>
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 17980	Pool Name Dogie Draw; Wolfcamp
Property Code	Property Name GREEN BERET FEDERAL COM	Well Number 701H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3255.4'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	25-S	35-E		370	NORTH	790	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	29	25-S	35-E		2590	NORTH	1210	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
480			

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<p>NAD 27 NME <u>SURFACE LOCATION</u> Y=409396.2 N X=794180.3 E LAT.=32.121981° N LONG.=103.383107° W</p> <table border="1"> <thead> <tr> <th colspan="2">POINT LEGEND</th> </tr> </thead> <tbody> <tr><td>1</td><td>Y=409755.6 N X=792325.0 E</td></tr> <tr><td>2</td><td>Y=404473.4 N X=792372.7 E</td></tr> <tr><td>3</td><td>Y=401852.5 N X=795040.0 E</td></tr> <tr><td>4</td><td>Y=404491.9 N X=795015.0 E</td></tr> <tr><td>5</td><td>Y=407131.1 N X=794991.3 E</td></tr> <tr><td>6</td><td>Y=409770.7 N X=794966.9 E</td></tr> </tbody> </table> <p>NAD 27 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=401893.6 N X=793829.6 E LAT.=32.101367° N LONG.=103.384453° W</p>	POINT LEGEND		1	Y=409755.6 N X=792325.0 E	2	Y=404473.4 N X=792372.7 E	3	Y=401852.5 N X=795040.0 E	4	Y=404491.9 N X=795015.0 E	5	Y=407131.1 N X=794991.3 E	6	Y=409770.7 N X=794966.9 E	<p>100' FNL & 1210' FEL Y=409663.8 N X=793757.8 E LAT.=32.122726° N LONG.=103.384464° W GRID AZ. TO FTP 302°20'51"</p> <p>LEASE X-ING LAT.=32.119369° N LONG.=103.384462° W</p> <p>LEASE X-ING LAT.=32.115732° N LONG.=103.384461° W</p> <p>LEASE X-ING LAT.=32.108486° N LONG.=103.384457° W</p> <p>2540' FNL & 1210' FEL Y=401943.6 N X=793829.2 E LAT.=32.101504° N LONG.=103.384453° W</p> <p>GRID AZ. - 179°28'14" HORZ. DIST. - 7770.6'</p> <p>370' 790'</p> <p>2590'</p> <p>1210'</p> <p>B.H.</p> <p>SECTION 20 SECTION 29</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 22, 2020</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p> Chad L. Harcrow 1/27/20 Certificate No. CHAD HARCROW 17777 W.O. # 20-99 DRAWN BY: DS</p>
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API Number 30-025	Pool Code 17980	Pool Name Dogie Draw; Wolfcamp
Property Code	Property Name GREEN BERET FEDERAL COM	Well Number 702H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3282.4'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	25-S	35-E		465	NORTH	2125	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	29	25-S	35-E		2590	NORTH	2310	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
480			1

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025	Pool Code 17980	Pool Name Dogie Draw; Wolfcamp
Property Code	Property Name GREEN BERET FEDERAL COM	Well Number 801H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3281.5'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	20	25-S	35-E		465	NORTH	2065	EAST	LEA

Bottom Hole Location If Different From Surface

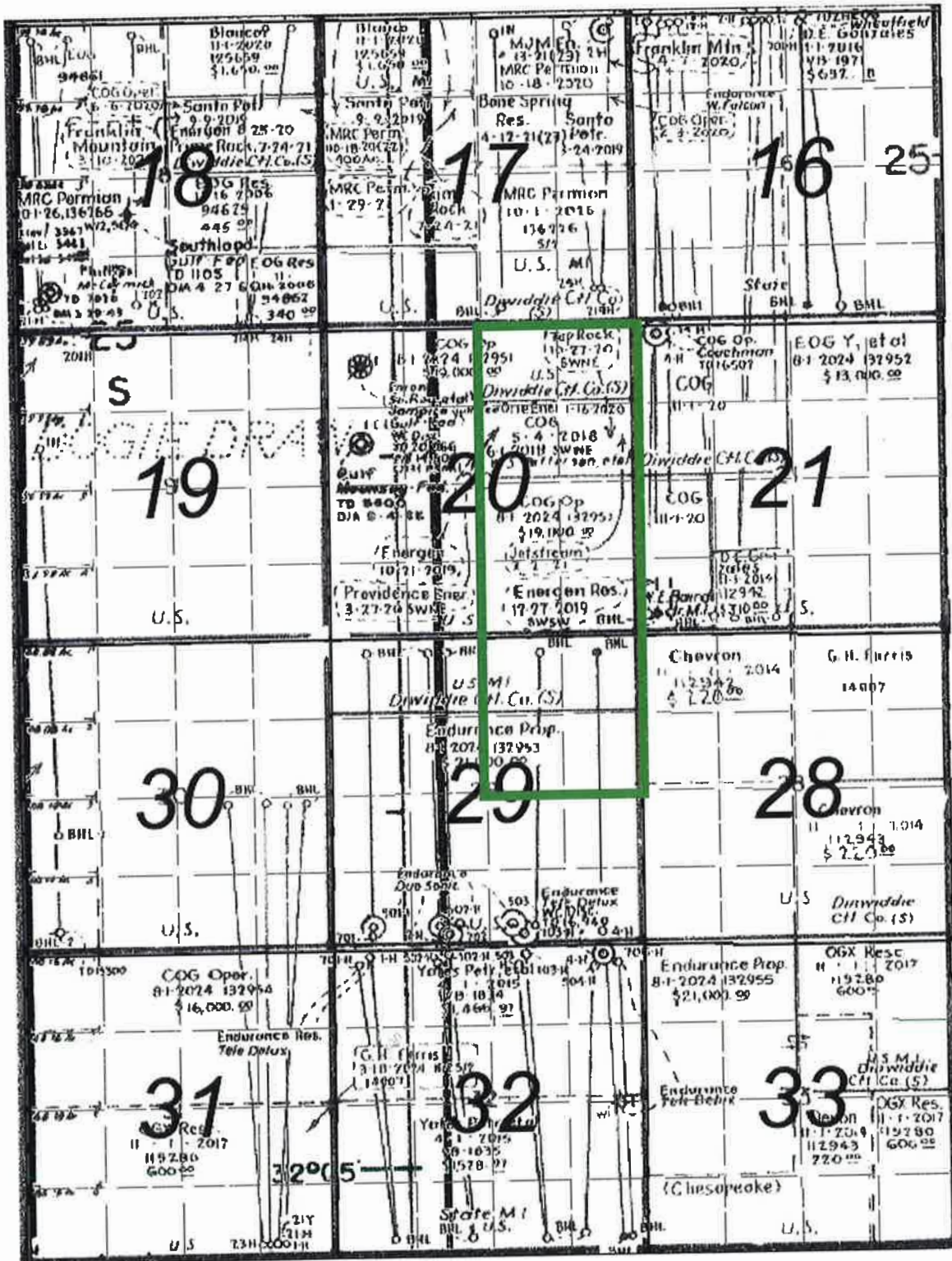
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	29	25-S	35-E		2590	NORTH	1760	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
480			

**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**

<p>NAD 27 NME <u>SURFACE LOCATION</u> Y=409293.9 N X=792906.2 E LAT.=32.121730° N LONG.=103.387225° W</p> <table><tr><th>POINT LEGEND</th></tr><tr><td>1 Y=409755.6 N X=792325.0 E</td></tr><tr><td>2 Y=404473.4 N X=792372.7 E</td></tr><tr><td>3 Y=401852.5 N X=795040.0 E</td></tr><tr><td>4 Y=404491.9 N X=795015.0 E</td></tr><tr><td>5 Y=407131.1 N X=794991.3 E</td></tr><tr><td>6 Y=409770.7 N X=794966.9 E</td></tr></table> <p>NAD 27 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=401889.8 N X=793279.6 E LAT.=32.101370° N LONG.=103.386229° W</p>	POINT LEGEND	1 Y=409755.6 N X=792325.0 E	2 Y=404473.4 N X=792372.7 E	3 Y=401852.5 N X=795040.0 E	4 Y=404491.9 N X=795015.0 E	5 Y=407131.1 N X=794991.3 E	6 Y=409770.7 N X=794966.9 E	<p>1465' S.L. 2065' 100' FNL & 1760' FEL Y=409660.7 N X=793207.8 E LAT.=32.122731° N LONG.=103.386241° W GRID AZ. TO FTP 39°26'12"</p> <p>LEASE X-ING LAT.=32.119372° N LONG.=103.386239° W</p> <p>LEASE X-ING LAT.=32.115731° N LONG.=103.386237° W</p> <p>GRID AZ. = 179°28'14" HORZ. DIST. = 7771.3'</p> <p>2590' 1760' B.H.</p> <p>SECTION 20 SECTION 29</p> <p>2540' FNL & 1760' FEL Y=401939.8 N X=793279.2 E LAT.=32.101507° N LONG.=103.386229° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 22, 2020</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p> Chad L. Harcrow 1/27/20 Certificate No. CHAD HARCROW 17777 W.O. # 20-103 DRAWN BY: DS</p>
POINT LEGEND									
1 Y=409755.6 N X=792325.0 E									
2 Y=404473.4 N X=792372.7 E									
3 Y=401852.5 N X=795040.0 E									
4 Y=404491.9 N X=795015.0 E									
5 Y=407131.1 N X=794991.3 E									
6 Y=409770.7 N X=794966.9 E									

Midland Map:



BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. A2

Submitted by: COG OPERATING LLC

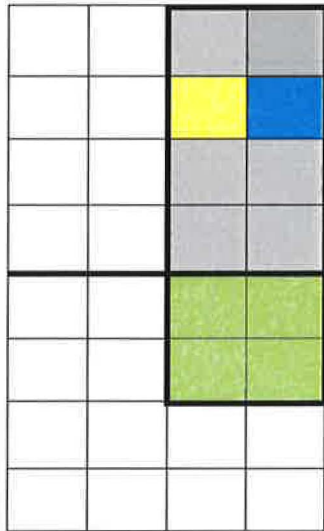
Hearing Date: May 28, 2020

Case Nos. 21264-21265

Green Beret Federal Com Wells

COG Operating LLC
Green Beret Federal Com 501H, 601H, 602H, 701H, 702H, 801H

Township 25 South - Range 35 East, N.M.P.M.
 Section 20: E/2
 Section 29: NE/4
 Lea County, New Mexico
 Limited in depth to the Bone Spring & Wolfcamp formations



Section 20
 Section 29

Tract 1	
Tract 2	
Tract 3	
Tract 4	

Tract 1: Section 20: N/2NE/4, SE/4 (240 Acres)

COG Operating LLC	100.000000%
Total	100.000000%

Tract 2: Section 20: SW/4NE/4 (40 Acres)

COG Operating LLC	34.395833%
COG Acreage LP	47.375000%
Meridian 102, LP	10.937500%
Tap Rock Resources, LLC	7.291667%
Total	100.000000%

Tract 3: Section 20: SE/4NE/4 (40 Acres)

COG Operating LLC	31.833334%
COG Acreage LP	57.750000%
Heirs and/or Devisees of Marjorie Winifred Nations Reynolds	2.083333%
The Richard K. Barr Family Trust	8.333333%
Total	100.000000%

Tract 4: Section 29: NE/4 (160 Acres)

COG Operating LLC	100.000000%
Total	100.000000%

Green Beret Federal Com Wells

BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. A3
 Submitted by: COG OPERATING LLC
 Hearing Date: May 28, 2020
 Case Nos. 21264-21265

Unit Working Interest

COG Operating LLC	88.852431%	Working Interest Owner
COG Acreage LP	8.760417%	Working Interest Owner
Tap Rock Resources, LLC	0.607639%	Working Interest Owner
Meridian 102, LP	0.911458%	Unleased Mineral Owner
The Richard K. Barr Family Trust	0.694444%	Unleased Mineral Owner
Heirs and/or Devisees of Marjorie Winifred Nations Reynolds	0.173611%	Unleased Mineral Owner
Total	100.000000%	

Non Participating Royalty Interest Owners (without pooling authority)

Jerry Haynes

Jerry Haynes

Hazel (Hogan) Riffel

Standard Royalty Corporation*

*Voluntarily committed to Bone Spring Unit, so only compulsory pooling as to the Wolfcamp



Uncommitted Party Being Pooled

Parties with Unmarketable Title

Heirs and/or Devisees of William J. Kendall

Joseph Mark Gregory

Heirs and/or Devisees of Dr. Guy J. Nations

The Richard K. Barr Family Trust, Jean Renfro Barr, Trustee

The Scott E. Wilson Bypass Trust, Cynthia Mae Wilson, Trustee

Heirs and/or Devisees of Marjorie Winifred Nations

Kathryn Ann Hendry

Maureen L. Reynolds

Mackenzie J. Reynolds

Arthur William Reynolds

Steve Reynolds

Donna Reynolds



March 12, 2020

Providence Energy Partners III, LP
16400 North Dallas Parkway, Ste 400
Dallas, TX 75248

Re: **Well Proposal- GREEN BERET FEDERAL COM 501H, 601H and 602H**
T25S R35E, E/2 Section 20, NE/4 Section 29
480 Ac – Bone Spring Formation
Lea County, New Mexico

Dear Sir or Madam:

COG Operating LLC ("COG"), as Operator, hereby proposes the drilling of the following horizontal wells with productive laterals located on E/2 of Section 20 and NE/4 of Section 29, T25S-R35E, Lea County, New Mexico (collectively, the "Operation"). The surface pad locations will be located in Units A and B of Section 20, T25S-R35E (or another legal location chosen by Operator).

- **GREEN BERET FEDERAL COM #501H**, to be drilled to a depth sufficient to test the Bone Spring formation at an approximate total vertical depth of 10,930 feet. The surface location for this well is proposed at approximately 465 FNL, 2095 FEL, or a legal location in Unit B of Section 20, and a bottom hole location at approximately 2590 FNL, 1980 FEL, or a legal location in Unit G of Section 29. The dedicated horizontal spacing unit will be the E/2 of Section 20 and NE/4 of Section 29, T25S-R35E, Lea County, New Mexico. The total estimated cost to drill and complete said well is \$7,935,387.00, as shown on the attached Authority for Expenditure ("AFE").
- **GREEN BERET FEDERAL COM #601H**, to be drilled to a depth sufficient to test the Bone Spring formation at an approximate total vertical depth of 12,340 feet. The surface location for this well is proposed at approximately 370 FNL, 760 FEL, or a legal location in Unit A of Section 20, and a bottom hole location at approximately 2590 FNL, 660 FEL, or a legal location in Unit H of Section 29. The dedicated horizontal spacing unit will be the E/2 of Section 20 and NE/4 of Section 29, T25S-R35E, Lea County, New Mexico. The total estimated cost to drill and complete said well is \$8,614,175.00, as shown on the attached AFE.
- **GREEN BERET FEDERAL COM #602H**, to be drilled to a depth sufficient to test the Bone Spring Formation at an approximate total vertical depth of 12,340 feet. The surface location for this well is proposed at approximately 465 FNL, 2035 FEL, or a legal location in Unit B of Section 20, and a bottom hole location at approximately 2590 FNL, 1640 FEL, or a legal location in Unit G of Section 29. The dedicated horizontal spacing unit will be the E/2 of Section 20 and NE/4 of Section 29, T25S-R35E, Lea County, New Mexico. The total estimated cost to drill and complete said well is \$8,614,715.00, as shown on the attached AFE.

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. A4

Submitted by: **COG OPERATING LLC**

Hearing Date: May 28, 2020

Case Nos. 21264-21265

COG is proposing these wells under the terms of a new Operating Agreement which is included for your review and approval. It has the following general provisions:

- 100/300 Non-Consenting Penalty;
- \$7,500/\$750 Drilling and Producing Rate; and
- COG Operating LLC named as Operator.

If you do not wish to participate in the Operation, COG would like to discuss the term assignment of your interest to COG under the following indicative terms:

- \$5,000/acre bonus;
- 3 Year Primary Term; and
- Overriding Royalty Interest reserved unto assignor of the positive difference (if any) between existing burdens of record and 25%.

Please indicate your desire to term assign your Working Interest to COG by contacting me at the email or telephone number below. This invitation to discuss a term assignment remains open until thirty (30) days after your receipt of any pooling order obtained from the NMOCD.

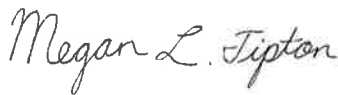
In the interest of time, if we do not reach an agreement within 30 days of the date of this letter, COG will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a horizontal spacing unit for the proposed wells.

Please indicate your participation elections in the spaces provided below, sign, and return this letter, along with a signed copy of the enclosed AFEs and a copy of your geologic requirements, to my attention at the letterhead address or by email to mtipton@concho.com.

If you have any questions, please do not hesitate to contact me at 432-685-2588.

Sincerely,

COG Operating LLC



Megan Tipton, RPL
Landman

CM:
Enc

_____ I/We hereby elect to participate in the drilling and completion of the
GREEN BERET FEDERAL COM #501H

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GREEN BERET FEDERAL COM #501H

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GREEN BERET FEDERAL COM #602H

By: _____
Name: _____
Title: _____
Date: _____



March 12, 2020

Providence Energy Partners III, LP
16400 North Dallas Parkway, Ste 400
Dallas, TX 75248

Re: **Well Proposal- GREEN BERET FEDERAL COM 701H, 702H and 801H**
T25S R35E, E/2 Section of 20 & NE/4 of 29
480 Ac – Wolfcamp Formation
Lea County, New Mexico

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Megan Tipton, RPL
Landman

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GREEN BERET FEDERAL COM #801H

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GREEN BERET FEDERAL COM #801H

By: _____
Name: _____
Title: _____
Date: _____



March 12, 2020

Realeza Del Spear, L.P.
PO Box 1684
Midland, TX 79702

Re: **Well Proposal- GREEN BERET FEDERAL COM 501H, 601H and 602H**
T25S R35E, E/2 Section 20, NE/4 Section 29
480 Ac – Bone Spring Formation
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BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. A5

Submitted by: **COG OPERATING LLC**

Hearing Date: May 28, 2020

Case Nos. 21264-21265

COG is proposing these wells under the terms of a new Operating Agreement which is included for your review and approval. It has the following general provisions:

- 100/300 Non-Consenting Penalty;
- \$7,500/\$750 Drilling and Producing Rate; and
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If you do not wish to participate in the Operation, COG would like to discuss the lease of your minerals to COG under the following indicative terms:

- \$5,000/acre bonus;
- 3 Year Primary Term; and
- 25% Royalty Interest.

Please indicate your desire to lease your Mineral Interest to COG by contacting me at the email or telephone number below. This invitation to discuss a lease remains open until thirty (30) days after your receipt of any pooling order obtained from the NMOCD.

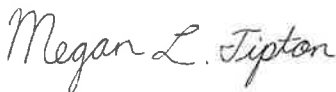
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March 12, 2020

Realeza Del Spear, L.P.
PO Box 1684
Midland, TX 79702

Re: **Well Proposal- GREEN BERET FEDERAL COM 701H, 702H and 801H**
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- \$5,000/acre bonus;
- 3 Year Primary Term; and
- 25% Royalty Interest.

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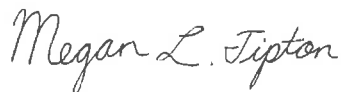
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Sincerely,

COG Operating LLC



Megan Tipton, RPL
Landman

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GREEN BERET FEDERAL COM #801H

By: _____
Name: _____
Title: _____
Date: _____



Megan Tipton
Landman

March 12, 2020

Joseph Mark Gregory, successor-in-interest to Richard W. Kendall and Rosemary Geary
8905 Random Road
Fort Worth, TX 76179

RE: Nonparticipating Royalty Interest – Green Beret Units
Sec 20: E/2 - T25S-R35E
Sec 29: NE/4 - T25S-R35E
NMPM Lea County, New Mexico

Dear Sir or Madam:

You are receiving this letter because our review of the property records indicate that you own a nonparticipating royalty interest ("NPRI") in the captioned unit which COG Operating LLC ("COG") plans to drill later this year.

In order to properly pay your NPRI, we ask that you sign and notarize the enclosed Designation of Units, one for the Bone Spring Formation and one for the Wolfcamp Formation. Should we not receive an executed copy of each within 30 days of the date of this letter, COG will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well.

If you have any questions, please contact me at (432) 685-2588 or mtipton@concho.com.

Respectfully,

COG Operating LLC

Megan L. Tipton

Megan Tipton, RPL
Landman



Megan Tipton
Landman

May 26, 2020

The Estate of William J. Kendall, dec.
C/O Joseph Mark Gregory
8905 Random Road
Fort Worth, TX 76179

Re: Title Requirement
Sections 20 & 29, T25S-R35E
Lea County, NM

To Whom It May Concern:

COG Operating LLC ("COG"), as Operator, plans to develop the E/2 of Section 20 & the NE/4 of Section 29, T25S-R35E by drilling horizontal well(s). COG recently received an updated title opinion covering the E/2 of Section 20 & the NE/4 of Section 29, T25S-R35E, among other lands, and your interest is subject to title requirement(s). Due to the uncertainties involved with unsatisfied title requirements, if the title requirement(s) regarding your interest are not cured before drilling, COG may apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well at such time. Please find the title requirement(s) affecting your interest attached to this letter. Upon the completion of curing such title requirement(s), please provide any instrument or documentation to the undersigned for review.

Please contact the undersigned at (432) 685-2588 or mtipton@concho.com if you would like to discuss this in more detail. Your prompt attention to this matter is greatly appreciated.

Very truly yours,

COG Operating LLC

Megan L. Tipton

Megan Tipton, RPL
Landman

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME: Green Beret Fed Com #501H
SHL: Sec 20: 465 FNL & 2095 FEL
BHL: Sec 29: 2590 FNL & 1980 FEL
FORMATION: Bone Spring
LEGAL: Sec 20: T25S-R35E

PROSPECT NAME: Bulldog 2535 (717109)
STATE & COUNTY: New Mexico, Lea
OBJECTIVE: Drill and Complete
DEPTH: 18,566
TVD: 10,930

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	20,000				20,000
Insurance	202	7,000	302			7,000
Damages/Right of Way	203	20,000	303			20,987
Survey/Stake Location	204	2,500		987		20,987
Location/Pits/Road Expense	205	180,000	305	22,000	366	86,500
Drilling / Completion Overhead	206	8,400	306			212,000
Turnkey Contract	207		307			23,400
Footage Contract	208		308			720,000
Daywork Contract	209	721,000	309			306,000
Directional Drilling Services	210	299,000	310			860,000
Fuel & Power	211	142,000	311			515,000
Water	212	100,000	312			173,000
Bits	213	83,000	313			514,000
Mud & Chemicals	214	84,000	314			83,000
Drill Stem Test	215		315			84,000
Coring & Analysis	216					227,000
Cement Surface	217	37,200				0
Cement Intermediate	218	55,800				37,200
Cement 2nd Intermediate/Production	219	111,600				55,800
Cement Squeeze & Other (Kickoff Plug)	220				371	111,600
Float Equipment & Centralizers	221	60,000				0
Casing Crews & Equipment	222	65,000				60,000
Fishing Tools & Service	223		323			65,000
Geologic/Engineering	224		324			0
Contract Labor	225	6,500	325			0
Company Supervision	226	50,400	326			179,000
Contract Supervision	227	129,000	327			42,500
Testing Casing/Tubing	228	40,000	328			2,000
Mud Logging Unit	229	41,000	329			375
Logging	230					376
Perforating/Wireline Services	231		331			377
Stimulation/Treating			332			378
Completion Unit			333			379
Swabbing Unit			334			380
Rentals-Surface	235	168,000	335			381
Rentals-Subsurface	236	98,000	336			382
Trucking/Forklift/Rig Mobilization	237	265,000	337			383
Welding Services	238	3,000	338			384
Water Disposal	239		339			385
Plug to Abandon	240		340			386
Seismic Analysis	241		341			387
Miscellaneous	242		342			200,000
Contingency	243	63,000	343			389
Closed Loop & Environmental	244	308,000	344			390
Fuel - Diesel	245		345			388
Coil Tubing			346			392
Flowback Crews & Equip			347			391
Offset Directional/Frac	248		348			392
TOTAL INTANGIBLES		3,168,400	3,266,000	144,987	382,500	6,719,887
TANGIBLE COSTS						
Surface Casing	401	47,000				47,000
Intermediate Casing	402	128,000				128,000
Production Casing/Liner	403	239,000				239,000
Tubing			504			53,000
Wellhead Equipment	405	65,000	505			530
Pumping Unit						531
Prime Mover						532
Rods						533
Pumps-Sub Surface (BH)			509			534
Tanks						510
Flowlines						511
Heater Treater/Separator						512
Electrical System						513
Packers/Anchors/Hangers	414		514			518
Couplings/Fittings/Valves	415					517
Gas Lift/Compression						518
Dehydration						519
Injection Plant/CO2 Equipment						520
Pumps-Surface						521
Instrumentation/SCADA/POC						522
Miscellaneous	419	10,000	519			523
Contingency	420		520			524
Meters/LACT						525
Flares/Combustors/Emission						526
Gas Lift/Compression			527			25,000
TOTAL TANGIBLES		489,000	164,000	520,000	42,500	1,215,500
TOTAL WELL COSTS		3,657,400	3,430,000	664,987	425,000	7,935,387

COG Operating LLC

% of Total Well Cost

48%

43%

8%

5%

Date Prepared: 2/18/20

COG Operating LLC

We approve:
% Working Interest

By: DWD

Company:
By:

Printed Name:
Title:
Date:

This AFE is only an estimate. By signing you agree to pay your share of the actual costs incurred.

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. A8

Submitted by: **COG OPERATING LLC**

Hearing Date: May 28, 2020

Case Nos. 21264-21265

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME:	Green Beret Fed Com #601H	PROSPECT NAME:	Drill and Complete
SHL:	Sec 20: 370 FNL & 760 FEL	STATE & COUNTY:	New Mexico, Lea
BHL:	Sec 29: 2590 FNL & 660 FEL	OBJECTIVE:	Drill and Complete
FORMATION:	Bone Spring	DEPTH:	19,949
LEGAL:	Sec 20: T25S- R35E	TVD:	12,341

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curator/Permit	201	20,000				20,000
Insurance	202	7,500	302			7,500
Damages/Right of Way	203	20,000	303			20,000
Survey/State Location	204	2,000		84,000	352	86,000
Location/Pits/Road Expense	205	180,000	305	10,000	353	212,000
Drilling / Completion Overhead	206	9,300	306	15,000		24,300
Turnkey Contract	207		307	720,000		720,000
Footage Contract	208		308	306,000		306,000
Daywork Contract	209	785,000	309	139,000		924,000
Directional Drilling Services	210	356,000	310	216,000		572,000
Fuel & Power	211	157,000	311	31,000	354	188,000
Water	212	55,000	312	414,000	368	469,000
Bits	213	108,000	313		369	108,000
Mud & Chemicals	214	244,900	314		370	244,900
Drill Stem Test	215		315	258,000		258,000
Coring & Analysis	216					0
Cement Surface	217	24,200				24,200
Cement Intermediate	218	72,600				72,600
Cement 2nd Intermediate/Production	219	60,500				60,500
Cement Squeeze & Other (Kickoff Plug)	220				371	0
Float Equipment & Centralizers	221	50,000				50,000
Casing Crews & Equipment	222	70,000				70,000
Fishing Tools & Service	223		323		372	0
Geologic/Engineering	224		324	355	373	0
Contract Labor	225	6,500	325	10,000	356	179,000
Company Supervision	226	58,000	326	10,000	357	68,000
Contract Supervision	227	140,000	327	111,000	358	251,000
Testing Casing/Tubing	228	50,000	328		377	50,000
Mud Logging Unit	229	49,000	329	65,000		114,000
Logging	230				378	0
Perforating/Wireline Services	231	10,000	331	279,000	379	289,000
Stimulation/Treating			332		380	0
Completion Unit			333		381	0
Swabbing Unit			334		382	0
Rentals-Surface	235	226,688	335	359	383	226,688
Rentals-Subsurface	236	155,000	336		384	155,000
Trucking/Forklift/Rig Mobilization	237	265,000	337	10,000	360	275,000
Welding Services	238	6,000	338		361	6,000
Water Disposal	239		339	40,000	362	240,000
Plug to Abandon	240		340			0
Seismic Analysis	241		341			0
Miscellaneous	242		342		389	0
Contingency	243	76,000	343	100,000	363	176,000
Closed Loop & Environmental	244	310,000	344		364	310,000
Fuel - Diesel	245		345	252,000		
Coil Tubing			346	254,000	392	374,000
Flowback Crews & Equip			347		391	20,000
Offset Directional/Frac	248		348			0
TOTAL INTANGIBLES		3,572,188	3,324,000	144,987	382,500	7,171,875
TANGIBLE COSTS						
Surface Casing	401	49,000				49,000
Intermediate Casing	402	244,000				244,000
Production Casing/Liner	403	337,000				337,000
Tubing			504	52,000	530	52,000
Wellhead Equipment	405	75,000	505	22,000	531	139,500
Pumping Unit					506	0
Prime Mover					507	0
Rods					508	0
Pumps-Sub Surface (BH)			509		532	0
Tanks				510	40,000	40,000
Flowlines				511	20,000	20,000
Heater Treater/Separator				512	125,000	125,000
Electrical System				513	93,000	93,000
Packers/Anchors/Hangers	414		514	66,000	534	66,000
Couplings/Fittings/Valves	415			515	150,000	150,000
Gas Lift/Compression				516		0
Dehydration				517		0
Injection Plant/CO2 Equipment				518		0
Pumps-Surface				521	20,000	20,000
Instrumentation/SCADA/POC				522	15,000	15,000
Miscellaneous	419	10,000	519		523	15,000
Contingency	420		520		524	0
Meters/LACT				525	19,000	19,000
Flares/Combusters/Emission				526	23,000	23,000
Gas Lift/Compression			527	25,000		25,000
TOTAL TANGIBLES		715,000	165,000	520,000	42,500	1,442,500
TOTAL WELL COSTS		4,287,188	3,489,000	664,987	425,000	8,614,175

COG Operating LLC

% of Total Well Cost

50% 41% 8% 5%

Date Prepared: 2/18/20

COG Operating LLC

We approve:
% Working Interest

By: DWD

Company:

By:

Printed Name:

Title:

Date:

This AFE is only an estimate. By signing you agree to pay your share of the actual costs incurred.

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME:	Green Beret Fed Com #602H	PROSPECT NAME:	Bulldog 2535 (717109)
SHL:	Sec 20: 465 FNL & 2035 FEL	STATE & COUNTY:	New Mexico, Lea
BHL:	Sec 29: 2590 FNL & 1640 FEL	OBJECTIVE:	Drill and Complete
FORMATION:	Bone Spring	DEPTH:	19,978
LEGAL:	Sec 20: T25S-R35E	TVD:	12,340

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	20,000				20,000
Insurance	202	7,500	302			7,500
Damages/Right of Way	203	20,000	303			20,967
Survey/Stake Location	204	2,000		351	987	20,967
Location/Pits/Road Expense	205	180,000	305	352		86,000
Drilling / Completion Overhead	206	9,300	306	353	22,000	366
Turnkey Contract	207		307			212,000
Footage Contract	208		308			24,300
Daywork Contract	209	785,000	309			720,000
Directional Drilling Services	210	356,000	310			306,000
Fuel & Power	211	157,000	311	354		924,000
Water	212	55,000	312		367	572,000
Bits	213	108,000	313		368	188,000
Mud & Chemicals	214	244,900	314		369	469,000
Drill Stem Test	215		315		370	108,000
Coring & Analysis	216					244,900
Cement Surface	217	24,200				258,000
Cement Intermediate	218	72,800				0
Cement 2nd Intermediate/Production	219	60,500				24,200
Cement Squeeze & Other (Kickoff Plug)	220				371	72,800
Float Equipment & Centralizers	221	50,000				60,500
Casing Crews & Equipment	222	70,000				0
Fishing Tools & Service	223		323		372	50,000
Geologic/Engineering	224		324	355		70,000
Contract Labor	225	6,500	325	356	120,000	0
Company Supervision	226	56,000	326	357	2,000	42,500
Contract Supervision	227	140,000	327	358		179,000
Testing Casing/Tubing	228	50,000	328		377	68,000
Mud Logging Unit	229	49,000	329			251,000
Logging	230					50,000
Perforating/Wireline Services	231	10,000	331		378	114,000
Stimulation/Treating			332		379	0
Completion Unit			333		380	289,000
Swabbing Unit			334		381	0
Rentals-Surface	235	226,888	335	359		0
Rentals-Subsurface	236	155,000	336		383	226,888
Trucking/Forklift/Rig Mobilization	237	265,000	337	360		155,000
Welding Services	238	6,000	338	361		275,000
Water Disposal	239		339	362		6,000
Plug to Abandon	240		340		387	200,000
Seismic Analysis	241		341			240,000
Miscellaneous	242		342		389	0
Contingency	243	76,000	343	363		0
Closed Loop & Environmental	244	310,000	344	364	390	176,000
Fuel - Diesel	245		345		388	310,000
Coil Tubing			346		392	0
Flowback Crews & Equip			347		391	120,000
Offset Directional/Frac	248		348			20,000
TOTAL INTANGIBLES		3,572,188	3,324,000	144,987	382,500	7,171,675
TANGIBLE COSTS						
Surface Casing	401	49,000				49,000
Intermediate Casing	402	244,000				244,000
Production Casing/Liner	403	337,000				337,000
Tubing			504		530	52,000
Wellhead Equipment	405	75,000	505		531	42,500
Pumping Unit					506	0
Prime Mover					507	0
Rods					508	0
Pumps-Sub Surface (BH)			509		532	0
Tanks				510		40,000
Flowlines				511		20,000
Heater Treater/Separator				512		125,000
Electrical System				513	533	93,000
Packers/Anchors/Hangers	414		514		534	66,000
Couplings/Fittings/Valves	415			515		150,000
Gas Lift/Compression				516		0
Denydraton				517		0
Injection Plant/CO2 Equipment				518		0
Pumps-Surface				521		20,000
Instrumentation/SCADA/POC				522	529	15,000
Miscellaneous	419	10,000	519	523	535	25,000
Contingency	420		520	524	536	0
Metem/ACT				525		19,000
Flares/Combusters/Emission				526		23,000
Gas Lift/Compression			527			25,000
TOTAL TANGIBLES		715,000	165,000	520,000	42,500	1,442,500
TOTAL WELL COSTS		4,287,188	3,489,000	664,987	425,000	8,614,175

COG Operating LLC

% of Total Well Cost

50%

41%

8%

5%

Date Prepared: 2/18/20

COG Operating LLC

We approve:
- % Working Interest

By: DWD

Company:

By:

Printed Name:

Title:

Date:

This AFE is only an estimate. By signing you agree to pay your share of the actual costs incurred.

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME: Green Beret Fed Com #701H SHL: Sec 20: 370 FNL & 790 FEL BHL: Sec 29: 2590 FNL & 1210 FEL FORMATION: Wolfcamp LEGAL: Sec 20: T25S-R35E	PROSPECT NAME: Bulldog 2535 (717109) STATE & COUNTY: New Mexico, Lea OBJECTIVE: Drill and Complete DEPTH: 20,217 TVD: 12,560
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		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	20,000				20,000
Insurance	202	7,500	302			7,500
Damages/Right of Way	203	20,000	303			20,987
Survey/Stake Location	204	2,000		84,000	352	86,000
Location/Pits/Road Expense	205	180,000	305	10,000	353	212,000
Drilling / Completion Overhead	206	9,600	306	15,000		24,600
Turnkey Contract	207		307	720,000		720,000
Footage Contract	208		308	306,000		306,000
Daywork Contract	209	607,000	309	139,000		946,000
Directional Drilling Services	210	365,000	310	216,000		581,000
Fuel & Power	211	162,000	311	31,000	354	193,000
Water	212	55,000	312	414,000	368	469,000
Bits	213	118,000	313		369	118,000
Mud & Chemicals	214	252,800	314		370	252,800
Drill Stem Test	215		315	258,000		258,000
Coring & Analysis	216					0
Cement Surface	217	24,200				24,200
Cement Intermediate	218	72,600				72,600
Cement 2nd Intermediate/Production	219	60,500				60,500
Cement Squeeze & Other (Kickoff Plug)	220				371	0
Float Equipment & Centralizers	221	50,000				50,000
Casing Crews & Equipment	222	70,000				70,000
Fishing Tools & Service	223		323		372	0
Geologic/Engineering	224		324		373	0
Contract Labor	225	6,500	325	10,000	356	179,000
Company Supervision	226	57,600	326	10,000	357	69,600
Contract Supervision	227	144,000	327	111,000	358	255,000
Testing Casing/Tubing	228	40,000	328		377	40,000
Mud Logging Unit	229	50,000	329	65,000		115,000
Logging	230				378	0
Perforating/Wireline Services	231	10,000	331	279,000	379	289,000
Stimulation/Treating			332		380	0
Completion Unit			333		381	0
Swabbing Unit			334		382	0
Rentals-Surface	235	233,778	335		383	233,778
Rentals-Subsurface	236	160,000	336		384	160,000
Trucking/Forklift/Rig Mobilization	237	265,000	337	10,000	360	275,000
Welding Services	238	6,000	338		361	6,000
Water Disposal	239		339	40,000	362	240,000
Plug to Abandon	240		340			0
Seismic Analysis	241		341			0
Miscellaneous	242		342		389	0
Contingency	243	77,000	343	100,000	363	177,000
Closed Loop & Environmental	244	320,000	344		364	320,000
Fuel - Diesel	245		345	252,000		
Coil Tubing			346	254,000	392	374,000
Flowback Crews & Equip			347		391	20,000
Offset Directional/Frac	248		348			0
TOTAL INTANGIBLES		3,646,078	3,324,000	144,987	382,500	7,245,565
TANGIBLE COSTS						
Surface Casing	401	49,000				49,000
Intermediate Casing	402	244,000				244,000
Production Casing/Liner	403	337,000				337,000
Tubing			504	52,000	530	52,000
Wellhead Equipment	405	75,000	505	22,000	531	139,500
Pumping Unit					506	0
Prime Mover					507	0
Rods					508	0
Pumps-Sub Surface (BH)			509		532	0
Tanks				40,000		40,000
Flowlines				20,000		20,000
Heater Treater/Separator				125,000		125,000
Electrical System				93,000	533	93,000
Packers/Anchors/Hangers	414		514	66,000	534	66,000
Couplings/Fittings/Valves	415			150,000		150,000
Gas Lift/Compression					516	0
Dehydration					517	0
Injection Plant/CO2 Equipment					518	0
Pumps-Surface				20,000		20,000
Instrumentation/SCADA/POC				15,000	529	15,000
Miscellaneous	419	10,000	519	15,000	535	25,000
Contingency	420		520		536	0
Meters/LACT				19,000		19,000
Flares/Combustors/Emission				23,000		23,000
Gas Lift/Compression			527	25,000		25,000
TOTAL TANGIBLES		715,000	165,000	520,000	42,500	1,442,500
TOTAL WELL COSTS		4,361,078	3,489,000	664,987	425,000	8,686,065

COG Operating LLC

% of Total Well Cost

50%

40%

8%

5%

Date Prepared: 2/18/20

COG Operating LLC

We approve:
_____% Working Interest

By: DWD

Company:
By: _____

Printed Name:
Title:
Date: _____

This AFE is only an estimate. By signing you agree to pay your share of the actual costs incurred.

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
DRILLING**

WELL NAME: Green Beret Fed Com #702H
SHL: Sec 20: 465 FNL & 2125 FEL
BHL: Sec 29: 2590 FNL & 2310 FEL
FORMATION: Wolfcamp
LEGAL: Sec 20: T25S-R35E

PROSPECT NAME: Bulldog 2535 (717109)
STATE & COUNTY: New Mexico, Lea
OBJECTIVE: Drill and Complete
DEPTH: 20,207
TVD: 12,580

		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS						
Title/Curative/Permit	201	20,000				20,000
Insurance	202	7,500	302			7,500
Damages/Right of Way	203	20,000	303			20,987
Survey/Stake Location	204	2,000		351	987	86,000
Location/Pits/Road Expense	205	180,000	305	10,000	353	212,000
Drilling / Completion Overhead	206	9,600	306	15,000	366	24,600
Turnkey Contract	207		307	720,000		720,000
Footage Contract	208		308	306,000		306,000
Daywork Contract	209	807,000	309	139,000		946,000
Directional Drilling Services	210	365,000	310	216,000		581,000
Fuel & Power	211	162,000	311	31,000	354	193,000
Water	212	55,000	312	414,000	368	469,000
Bits	213	118,000	313		369	118,000
Mud & Chemicals	214	252,800	314		370	252,800
Drill Stem Test	215		315	258,000		258,000
Coring & Analysis	216					0
Cement Surface	217	24,200				24,200
Cement Intermediate	218	72,600				72,600
Cement 2nd Intermediate/Production	219	60,500				60,500
Cement Squeeze & Other (Kickoff Plug)	220				371	0
Float Equipment & Centralizers	221	50,000				50,000
Casing Crews & Equipment	222	70,000				70,000
Fishing Tools & Service	223		323		372	0
Geologic/Engineering	224		324	355		0
Contract Labor	225	6,500	325	10,000	358	179,000
Company Supervision	226	57,600	326	10,000	357	69,600
Contract Supervision	227	144,000	327	111,000	358	255,000
Testing Casing/Tubing	228	40,000	328		377	40,000
Mud Logging Unit	229	50,000	329	65,000		115,000
Logging	230				378	0
Perforating/Wireline Services	231	10,000	331	279,000	379	289,000
Stimulation/Treating			332		380	0
Completion Unit			333		381	0
Swabbing Unit			334		382	0
Rentals-Surface	235	233,778	335	359		233,778
Rentals-Subsurface	236	160,000	336		383	160,000
Trucking/Forklift/Rig Mobilization	237	265,000	337	10,000	360	275,000
Welding Services	238	6,000	338		361	6,000
Water Disposal	239		339	40,000	362	240,000
Plug to Abandon	240		340			0
Seismic Analysis	241		341			0
Miscellaneous	242		342		369	0
Contingency	243	77,000	343	100,000	363	177,000
Closed Loop & Environmental	244	320,000	344		364	320,000
Fuel - Diesel	245		345	252,000		
Coil Tubing			346	254,000	392	374,000
Flowback Crews & Equip			347		391	20,000
Offset Directional/Frac	246		348			0
TOTAL INTANGIBLES		3,646,078	3,324,000	144,987	382,500	7,245,565
TANGIBLE COSTS						
Surface Casing	401	49,000				49,000
Intermediate Casing	402	244,000				244,000
Production Casing/Liner	403	337,000				337,000
Tubing			504	52,000	530	52,000
Wellhead Equipment	405	75,000	505	22,000	531	139,500
Pumping Unit					506	0
Prime Mover					507	0
Rods					508	0
Pumps-Sub Surface (BH)			509		532	0
Tanks				510	40,000	40,000
Flowlines				511	20,000	20,000
Heater Treater/Separator				512	125,000	125,000
Electrical System				513	93,000	93,000
Packers/Anchors/Hangers	414		514	66,000	534	66,000
Couplings/Fittings/Valves	415			515	150,000	150,000
Gas Lift/Compression				516		0
Dehydration				517		0
Injection Plant/CO2 Equipment				518		0
Pumps-Surface				521	20,000	20,000
Instrumentation/SCADA/POC				522	15,000	15,000
Miscellaneous	419	10,000	519		523	15,000
Contingency	420		520		524	0
Meters/ACT				525	19,000	19,000
Flares/Combusters/Emission				526	23,000	23,000
Gas Lift/Compression			527	25,000		25,000
TOTAL TANGIBLES		715,000	165,000	520,000	42,500	1,442,500
TOTAL WELL COSTS		4,361,078	3,489,000	664,987	425,000	8,688,065

COG Operating LLC

% of Total Well Cost

50%

40%

8%

5%

Date Prepared 2/18/20

COG Operating LLC

We approve:
% Working Interest

By: DWD

Company:

By:

Printed Name:

Title:

Date:

This AFE is only an estimate. By signing you agree to pay your share of the actual costs incurred.

Chronology of Contact:

3/12/2020 – Well proposals, AFEs and the Operator's proposed form of JOA were sent to all uncommitted working interest owners, title requirement letters and title requirements were sent to parties with unmarketable title, and letters were sent to NPRI owners for which there is not pooling authority asking them to voluntarily commit their interest to the units by signing Operator's Designations of Unit.

4/6/2020, 5/20/2020 – Email correspondence with Tap Rock Resources, LLC wherein I provided an anticipated timeline, confirmed their interest in the unit and asked them to send any proposed JOA changes.

3/17/2020, 4/8/2020, 4/14/2020, 4/20/2020, 5/6/2020 – Phone and email correspondence with Meridian 102, LP regarding their election and interest in the unit.

4/2/2020, 4/23/2020, 5/5/2020 – Phone and email correspondence with the Trustee of the Richard K. Barr Family Trust regarding their election. The Trustee has indicated she wants to participate and is reviewing the proposed JOAs.

4/13/2020, 5/8/2020 – Phone and email correspondence with Heirs and/or Devisees of Marjorie Winifred Nations regarding their options, election, and title curative required.

I leased four unleased mineral owners in the unit who are now committed to the unit with a royalty interest and are no longer being compulsory pooled.

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

**APPLICATION OF COG OPERATING LLC
FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NOS. 21264 & 21265

AFFIDAVIT OF BRIAN SITEK, GEOLOGIST

Brian Sitek, of lawful age and being first duly sworn, declares as follows:

1. My name is Brian Sitek and I am employed by COG Operating LLC ("COG") as a geologist.
2. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum geology. I am familiar with the application filed by COG in this matter and have conducted a geologic study of the lands in the subject area.
3. The target interval for the initial proposed wells is the Second Bone Spring Sand (501H), the Third Bone Spring Sand (601H and 602H) and the upper intervals of the Wolfcamp formation (701H, 702H, and 801H).
4. **COG Exhibit B-1** is a subsea structure map of the top of the Second Bone Spring Sand of the Bone Spring formation that I prepared for the Second Bone Spring target interval. The proposed spacing unit is highlighted in yellow and the proposed well (501H) is depicted with a dashed line. The contour intervals are 25 feet and show the Bone Spring formation gently dipping to the southwest. The structure appears consistent across the proposed spacing unit and I do not observe any faulting, pinch outs, or other geologic impediments to drilling horizontal wells.
5. **COG Exhibit B-2** is a subsea structure map of the top of the Wolfcamp that I prepared for the Third Bone Spring Sand and upper Wolfcamp target intervals. The proposed

spacing unit is highlighted in yellow and the proposed wells are depicted with dashed lines. The contour intervals are 25 feet and show the formations also gently dip to the southwest. The structure appears consistent across the proposed spacing unit and I do not observe any faulting, pinch outs, or other geologic impediments to drilling horizontal wells.

6. **COG Exhibit B-3** contains a line of cross sections from A to A' using three wells. I chose these wells because they contain a good set of well logs and are representative of the geology in the subject area.

7. **COG Exhibit B-4** is a stratigraphic cross-section that I prepared for the Second Bone Spring Sand using the logs from the representative wells shown on Exhibit B-3. Each well on the cross-section contains gamma ray, resistivity, and porosity logs. The target interval for the 501H well is bracketed on the cross section. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing unit.

8. **COG Exhibit B-5** is the same stratigraphic cross-section but showing the deeper Third Bone Spring Sands and the Wolfcamp target intervals. The target intervals for the remaining wells are bracketed on this exhibit. The cross-section demonstrates that these targeted intervals are also continuous across the proposed spacing unit.

9. Based on my geologic study, the Bone Spring and Wolfcamp formations underlying the subject area are suitable for development by horizontal wells and the acreage comprising the proposed horizontal spacing units will be productive and contribute proportionately to the production from the wells.

10. **COG Exhibit B-6** shows the Bone Spring and Wolfcamp development in the surrounding area. The standup orientation of the proposed wells is consistent with this surrounding development and recent results suggest this is the preferred orientation for our company.

11. In my opinion, approving COG's application is in the best interest of conservation, the prevention of waste, and protection of correlative rights.

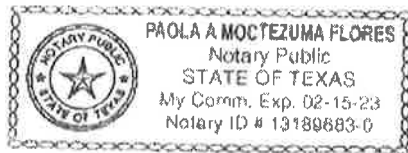
12. COG Exhibits B-1 and B-6 were either prepared by me or compiled under my direction and supervision.


FURTHER AFFIANT SAYETH NOT


BRIAN SITEK

STATE OF TEXAS)
)
COUNTY OF HARRIS)

SUBSCRIBED and SWORN to before me this 26th day of May 2020 by Brian Sitek.

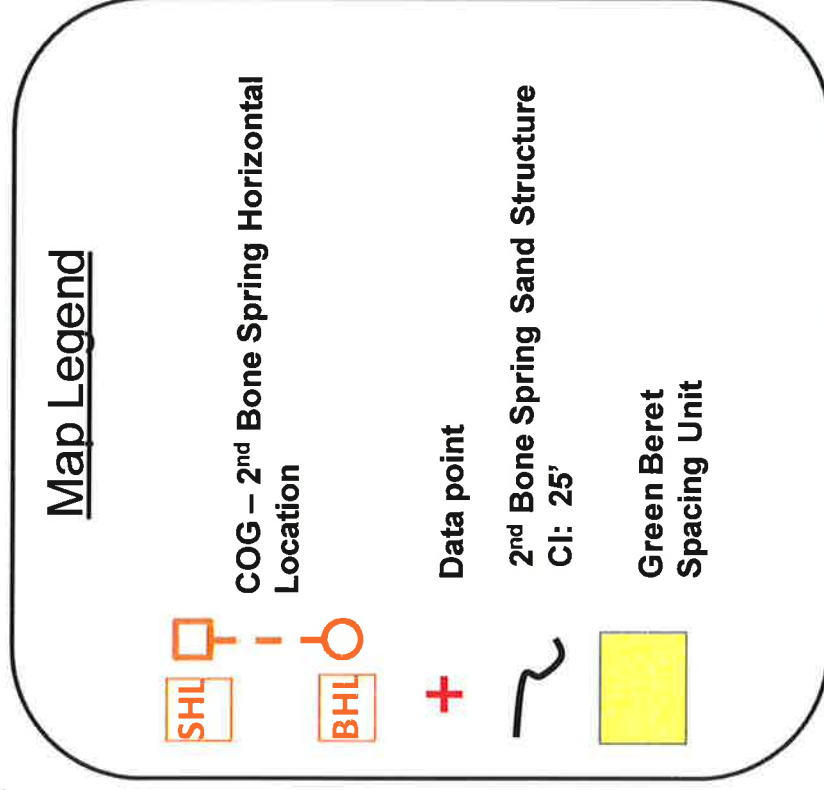
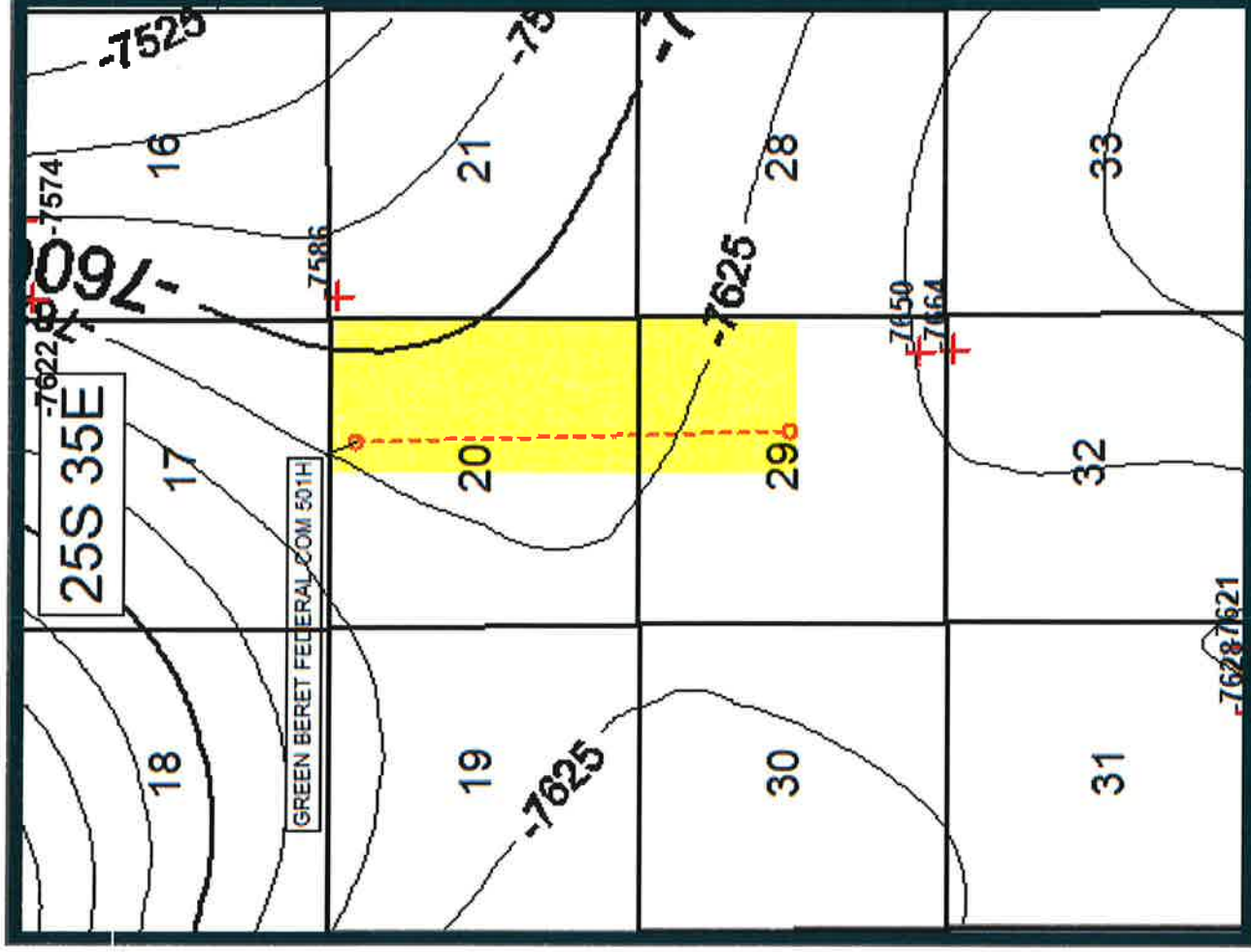



NOTARY PUBLIC

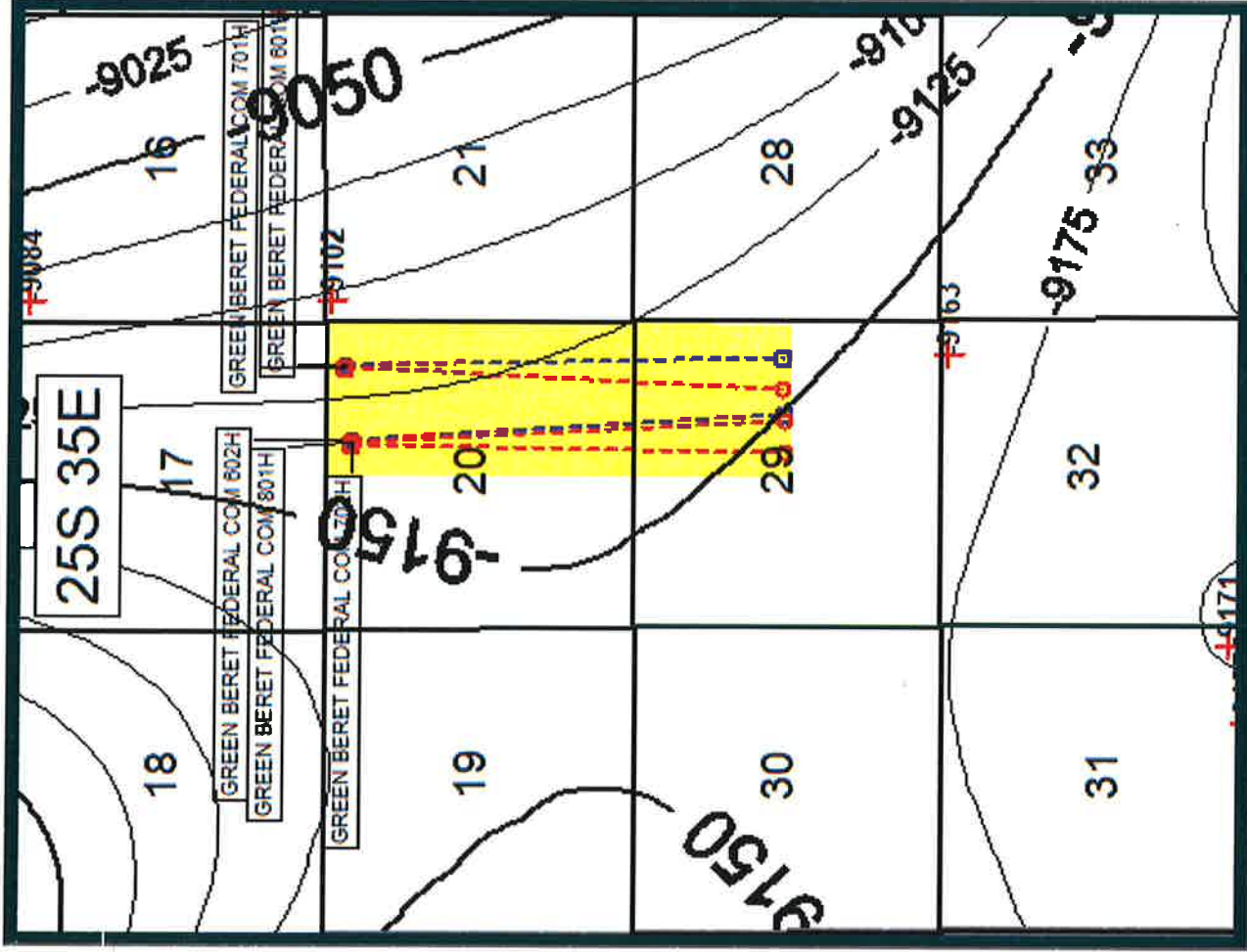
My Commission Expires:

02/15/2023

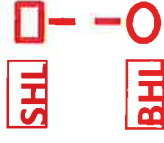
Top of Second Bone Spring Structure Map



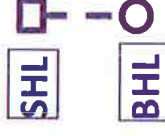
Top of Wolfcamp Structure Map



Map Legend



COG - Wolfcamp Horizontal Location



COG - 3RD Bone Spring Horizontal Location



Wolfcamp Structure
Cl: 25'



Data point



Green Beret
Spacing Unit



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico

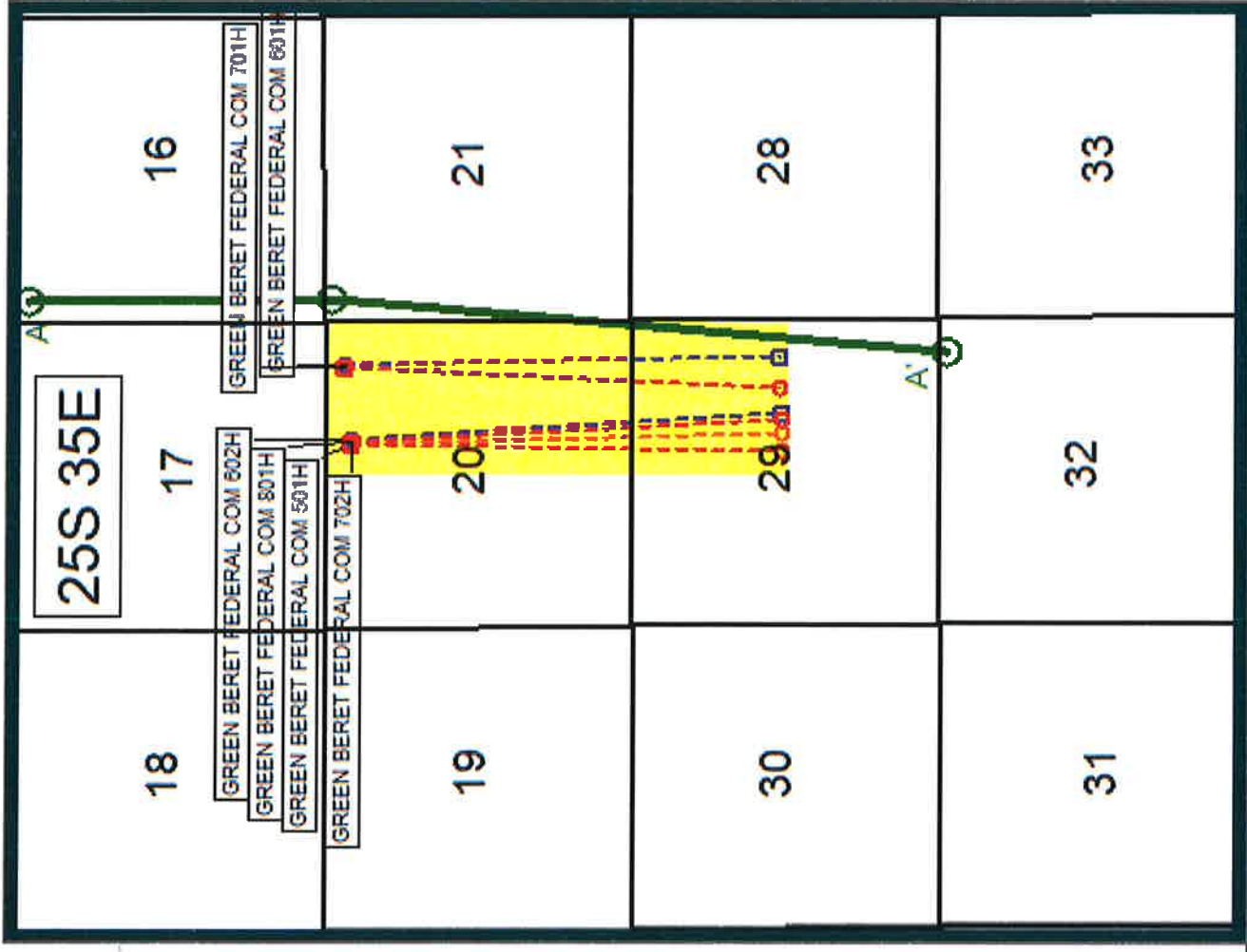
Exhibit No. 82

Submitted by: COG OPERATING LLC

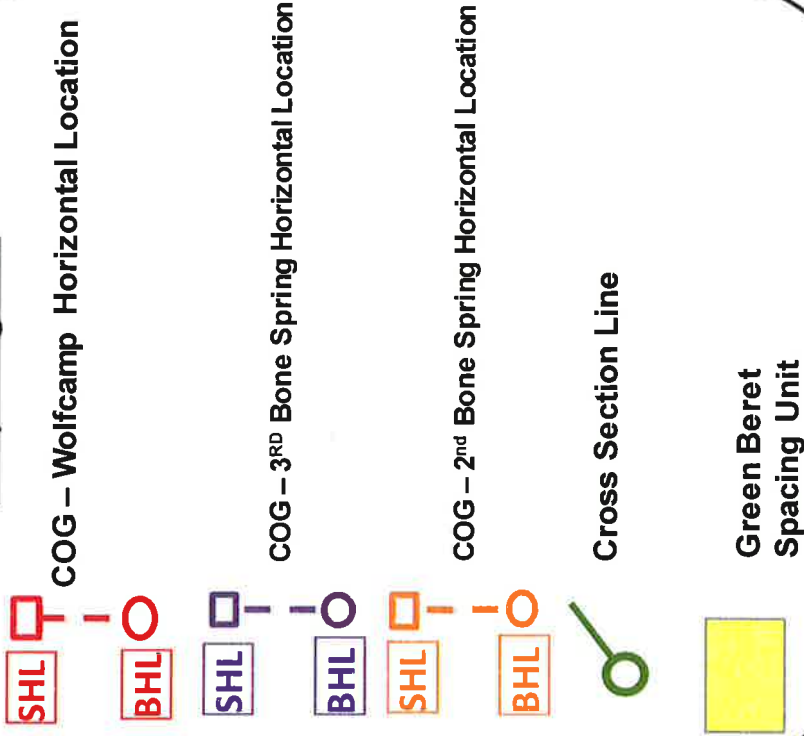
Hearing Date: May 28, 2020

Case Nos. 21264-21265

Cross Section Map

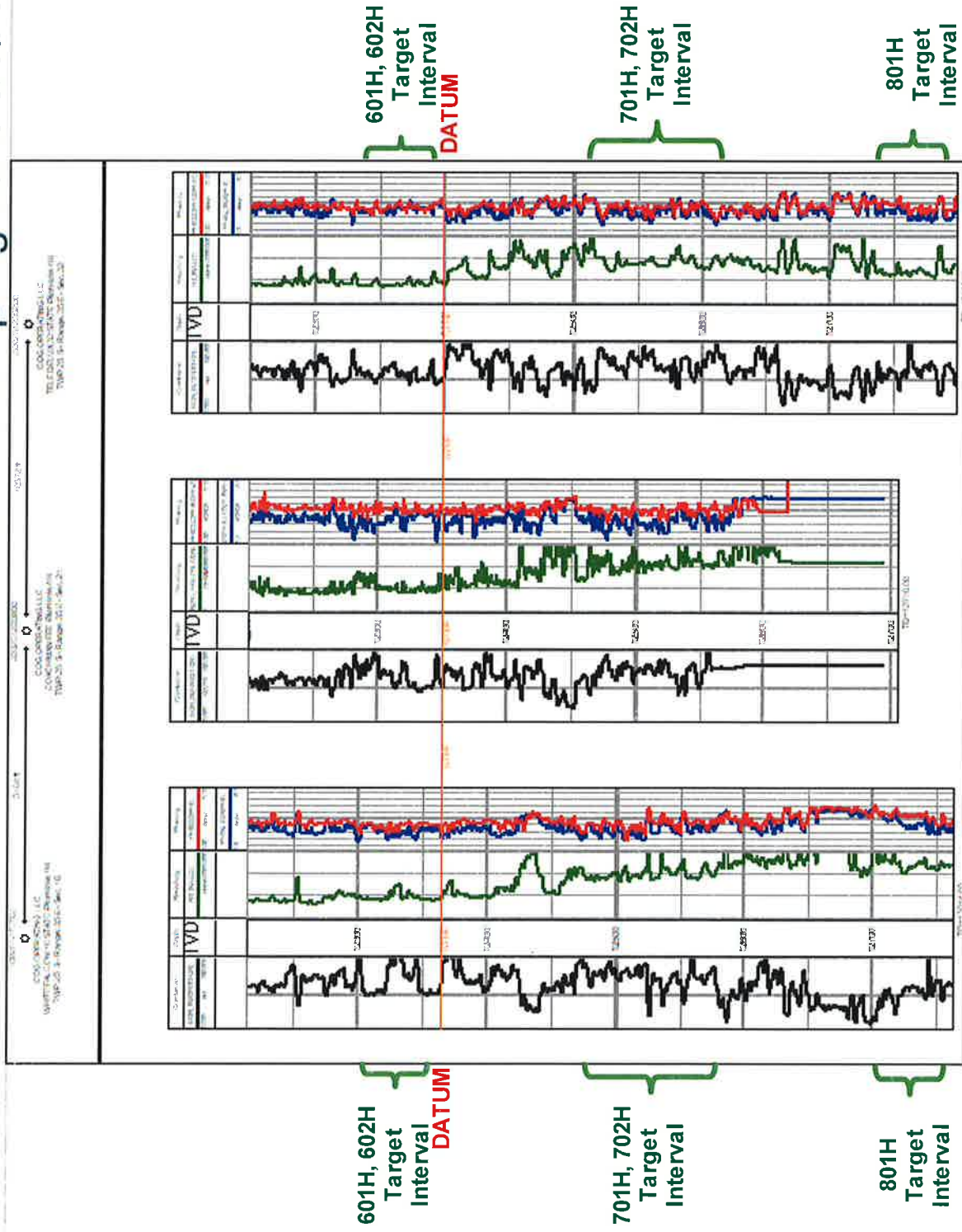


Map Legend

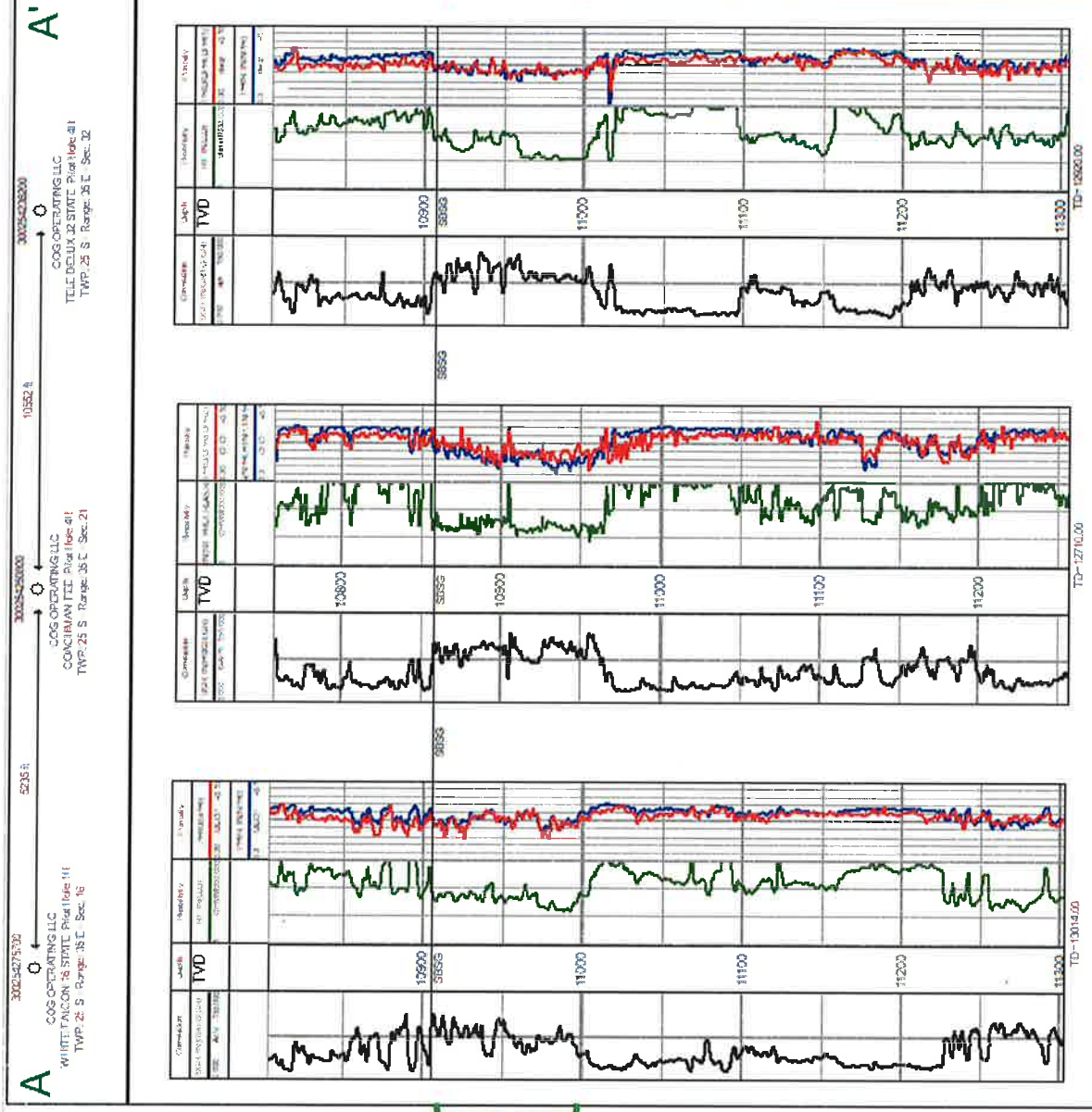


Stratigraphic Cross Section A – A'

Third Bone Spring Sand and Wolfcamp



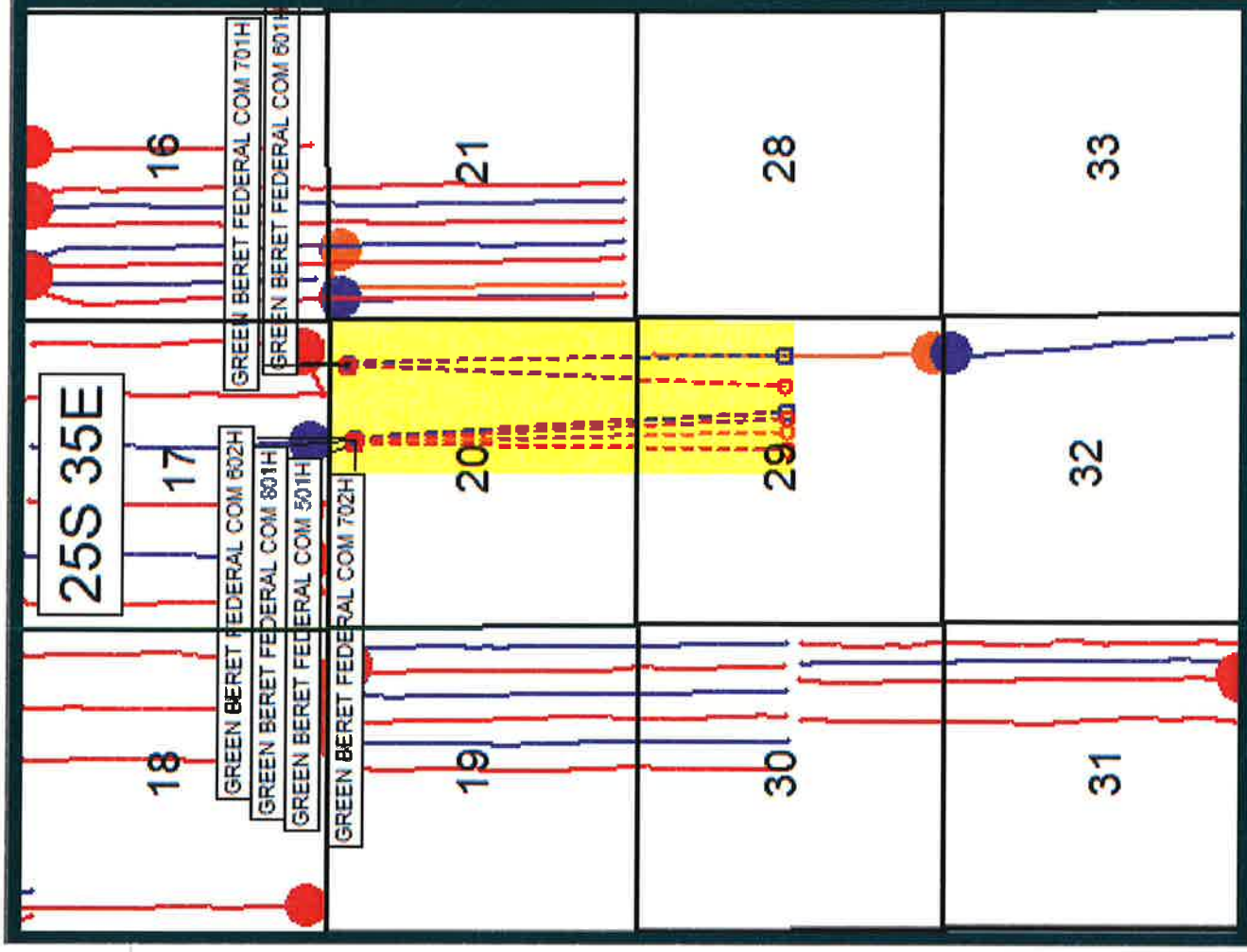
Stratigraphic Cross Section A – A' Second Bone Spring Sand



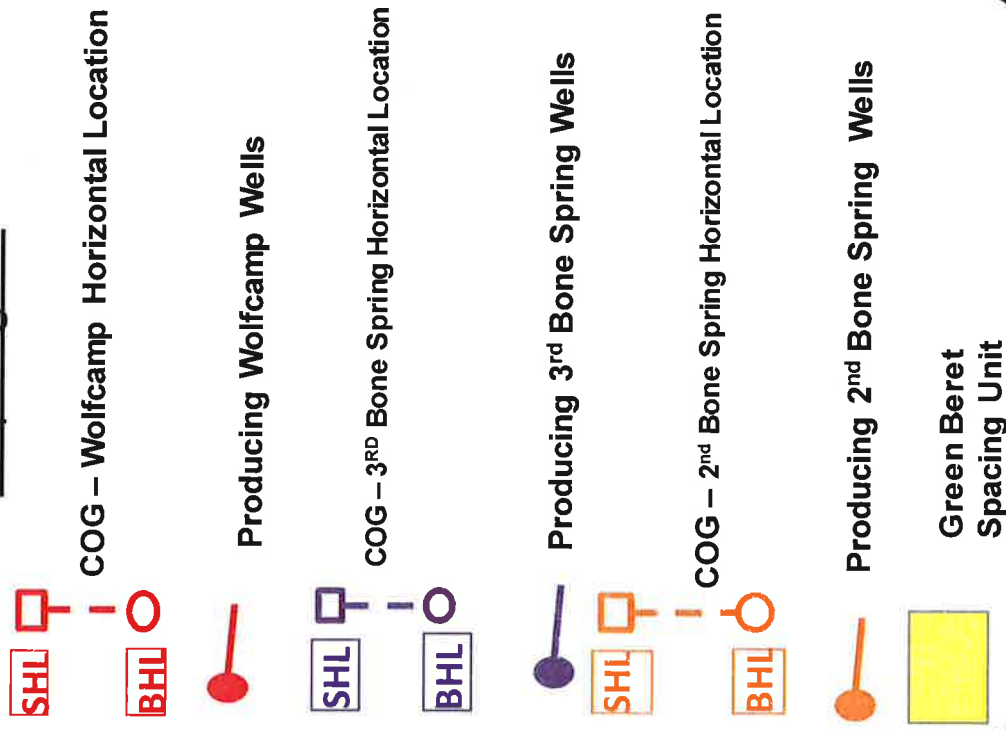
BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. B5
Submitted by: COG OPERATING LLC
Hearing Date: May 28, 2020
Case Nos. 21264-21265



Green Beret Federal Com
501H,601H,602H,701H,702H,801H



Map Legend



**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

**APPLICATION OF COG OPERATING LLC
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO.**

CASE NOS. 21264-21265

AFFIDAVIT

STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

Michael H. Feldewert, attorney in fact and authorized representative of COG Operating LLC, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Applications have been provided under the notice letters and proof of receipts attached hereto.



Michael H. Feldewert

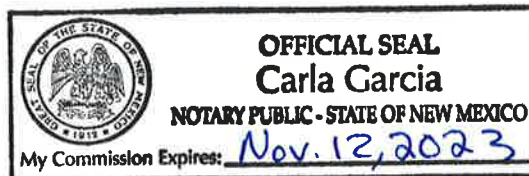
SUBSCRIBED AND SWORN to before me this 26th day of May, 2020 by Michael H. Feldewert.



Notary Public

My Commission Expires:

Nov. 12, 2023



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C
Submitted by: **COG OPERATING LLC**
Hearing Date: May 28, 2020
Case Nos. 21264-21265



Kaitlyn A. Luck
kaluck@hollandhart.com

April 24, 2020

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

**Re: Application of COG Operating, LLC for Compulsory Pooling, Lea County,
New Mexico.
Green Beret Com #501H, #601H, #602H wells**

Ladies & Gentlemen:

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on May 14, 2020, and the status of the hearing can be monitored through the Division's website at <http://www.emnrd.state.nm.us/oed/>. **During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on May 14, 2020 beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <http://www.emnrd.state.nm.us/OCD/announcements.html>.** You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Megan Tipton, at (432) 685-2588 or MTipton@concho.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kaitlyn Luck", written over a horizontal line.

Kaitlyn A. Luck
ATTORNEY FOR COG OPERATING LLC



Kaitlyn A. Luck
kaluck@hollandhart.com

April 24, 2020

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

**Re: Application of COG Operating, LLC for Compulsory Pooling, Lea County,
New Mexico.
Green Beret Com #701H, #702H, #801H wells**

Ladies & Gentlemen:

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on May 14, 2020, and the status of the hearing can be monitored through the Division's website at <http://www.emnrd.state.nm.us/ocd/>. **During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on May 14, 2020 beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <http://www.emnrd.state.nm.us/OCD/announcements.html>.** You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

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If you have any questions about this matter, please contact Megan Tipton, at (432) 685-2588 or MTipton@concho.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kaitlyn Luck", written over a horizontal line.

Kaitlyn A. Luck
ATTORNEY FOR COG OPERATING LLC

COG - Green Beret 501H, 601H-602H, 701H-702H, 801H Wells
Case Nos. 21264-21265 Postal Delivery Report

Tracking Number	Recipient	Status
9214890194038312184230	Meridian 102 LP C/O Providence Energy Ltd 16400 N Dallas Parkway Ste 400 Dallas TX 75248	Delivered; Signature Received
9214890194038312184247	Tap Rock Resources LLC 602 Park Point Drive Ste 200 Golden CO 80401	Delivered; Signature Received
9214890194038312184254	Cynthia Mae Wilson Trustee of the Scott E Wilson Bypass Trust 4601 Mirador Drive Austin TX 78735	Delivered; Signature Received
9214890194038312184261	Beverly Jean Renfro Barr Trustee of the Richard K Barr Family Trust 8027 Chalk Knoll Drive Austin TX 78735	Delivered; Signature Received
9214890194038312184278	Heirs and/or Devises of Marjorie Winifred Nations Reynolds C/O Ms Maureen L Reynolds 3220 N 66th Place Unit 1003 Scottsdale AZ 85251- 6107	Delivered; Signature Received
9214890194038312184285	Heirs and/or Devises of Marjorie Winifred Nations Reynolds C/O Ms Mackenzie J Reynolds 4347 Larkspur Lane Chino CA 91710-5024	Delivered; Signature Received
9214890194038312184292	Heirs and/or Devises of Marjorie Winifred Nations Reynolds C/O Mr Arthur William Reynolds 4347 Larkspur Lane Chino CA 91710-5024	Delivered; Signature Received
9214890194038312184308	Heirs and/or Devises of Marjorie Winifred Nations Reynolds C/O Ms Kathryn Ann Hendry 9911 N 124th Street Scottsdale AZ 85259-5216	Delivered; Signature Received
9214890194038312184315	Jerry Haynes PO BOX 61 Baldwin City KS 66006	In-Transit
9214890194038312184322	Jerry Haynes ROUTE 2 Box 882 Baldwin City KS 66006	In-Transit
9214890194038312184339	Standard Royalty Corporation 9472 Lita Court Jacksonville FL 32257	Delivered; Signature Received
9214890194038312184346	Hazel (Hogan) Riffel 9335 Gloxinia Drive San Antonio TX 78266	Delivered; Signature Received
9214890194038312184353	The Estate of William J Kendall C/O Joseph Mark Gregory 8905 Random Road Fort Worth TX 76179	Delivered; Signature Received
9214890194038312184360	The Estate of Dr Guy J Nations C/O Cynthia Mae Wilson Trustee of the Scott E Wilson Bypass Trust 4601 Mirador Drive Austin TX 78735	Delivered; Signature Received
9214890194038312184377	The Estate of Dr Guy J Nations C/O Beverly Jean Renfro Barr Trustee of the Richard K Barr Family Trust 8027 Chalk Knoll Drive Austin TX 78735	Delivered; Signature Received

COG - Green Beret 501H, 601H-602H, 701H-702H, 801H Wells
Case Nos. 21264-21265 Postal Delivery Report

9214890194038312184384	The Estates of Dr Guy J Nations & Marjorie Winifred Nations C/O Ms Maureen L Reynolds 3220 N 66th Place Unit 1003 Scottsdale AZ 85251- 6107	Delivered; Signature Received
9214890194038312184391	The Estates of Dr Guy J Nations & Marjorie Winifred Nations C/O Ms Mackenzie J Reynolds 4347 Larkspur Lane Chino CA 91710-5024	Delivered; Signature Received
9214890194038312184407	The Estates of Dr Guy J Nations & Marjorie Winifred Nations C/O Mr Arthur William Reynolds 4347 Larkspur Lane Chino CA 91710-5024	Delivered; Signature Received
9214890194038312184414	The Estates of Dr Guy J Nations & Marjorie Winifred Nations C/O Ms Kathryn Ann Hendry 9911 N 124th Street Scottsdale AZ 85259-5216	Delivered; Signature Received



Shipment Confirmation Acceptance Notice

A. Mailer Action

Note to Mailer: The labels and volume associated to this form online, **must** match the labeled packages being presented to the USPS® employee with this form.

COG_ Green Beret
Case Nos. 21264-21265
CM# 51500.0010

Shipment Date: 05/08/2020

Shipped From:

Name: HOLLAND & HART LLP (1)

Address: 110 N GUADALUPE ST # 1

City: SANTA FE

State: NM ZIP+4® 87501

Type of Mail	Volume
Priority Mail Express®*	
Priority Mail®	0
First-Class Package Service®	
Returns	
International*	
Other	19
Total	19

*Start time for products with service guarantees will begin when mail arrives at the local Post Office™ and items receive individual processing and acceptance scans.

B. USPS Action

Note to RSS Clerk:

1. Home screen > Mailing/Shipping > More
2. Select Shipment Confirm
3. Scan or enter the barcode/label number from PS Form 5630
4. Confirm the volume count message by selecting Yes or No
5. Select Pay and End Visit to complete transaction

USPS EMPLOYEE: Please scan upon pickup or receipt of mail.
Leave form with customer or in customer's mail receptacle.

USPS SCAN AT ACCEPTANCE



9275 0901 1935 6200 0021 8607 81



Firm Mailing Book For Accountable Mail

Name and Address of Sender Holland & Hart LLP (1) 110 N Guadalupe St # 1 Santa Fe NM 87501		Check type of mail or service <input type="checkbox"/> Adult Signature Required <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery (COD) <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail <input type="checkbox"/> Priority Mail Express <input type="checkbox"/> Registered Mail <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Signature Confirmation Restricted Delivery		Affix Stamp Here (if issued as an international certificate of mailing or for additional copies of this receipt) Postmark with Date of Receipt.										
USPS Tracking/Article Number	Postmaster, Per (Name of receiving employee)	Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
1. 9214 8901 9403 8312 1842 30	Meridian 102 LP C/O Providence Energy Ltd 16400 N Dallas Parkway Ste 400 Dallas TX 75248	0.65	3.55								1.70			
2. 9214 8901 9403 8312 1842 47	Tap Rock Resources LLC 602 Park Point Drive Ste 200 Golden CO 80401	0.65	3.55								1.70			
3. 9214 8901 9403 8312 1842 54	Cynthia Mae Wilson Trustee of the Scott E Wilson Bypass Trust 4601 Mirador Drive Austin TX 78735	0.65	3.55								1.70			
4. 9214 8901 9403 8312 1842 61	Beverly Jean Reinfo Barr Trustee of the Richard K Barr Family Trust 8027 Chalk Knoll Drive Austin TX 78735	0.65	3.55								1.70			
5. 9214 8901 9403 8312 1842 78	Heins and/or Devises of Marjorie Winifred Nations Reynolds C/O Ms Maureen L Reynolds 3220 N 66th Place Unit 1003 Scottsdale AZ 85251-6107	0.65	3.55								1.70			
6. 9214 8901 9403 8312 1842 85	Heins and/or Devises of Marjorie Winifred Nations Reynolds C/O Ms Mackenzie J Reynolds 4347 Larkspur Lane Chino CA 91710-5024	0.65	3.55								1.70			
7. 9214 8901 9403 8312 1842 92	Heins and/or Devises of Marjorie Winifred Nations Reynolds C/O Mr Arthur William Reynolds 4347 Larkspur Lane Chino CA 91710-5024	0.65	3.55								1.70			
8. 9214 8901 9403 8312 1843 08	Heins and/or Devises of Marjorie Winifred Nations Reynolds C/O Ms Kathryn Ann Hendry 9911 N 124th Street Scottsdale AZ 85258-5216	0.65	3.55								1.70			



Firm Mailing Book For Accountable Mail

Name and Address of Sender Holland & Hart LLP (1) 110 N Guadalupe St # 1 Santa Fe NM 87501		Check type of mail or service <input type="checkbox"/> Adult Signature Required <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery (COD) <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail <input type="checkbox"/> Priority Mail Express <input type="checkbox"/> Registered Mail <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Signature Confirmation Restricted Delivery		Affix Stamp Here (if issued as an international certificate of mailing or for additional copies of this receipt). Postmark with Date of Receipt.												
USPS Tracking/Article Number		Addressee (Name, Street, City, State, & ZIP Code™)		Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
9. 9214 8901 9403 8312 1843 15		Jerry Haynes PO BOX 61 Baldwin City KS 66006		0.65	3.55								1.70			
10. 9214 8901 9403 8312 1843 22		Jerry Haynes ROUTE 2 Box 882 Baldwin City KS 66006		0.65	3.55								1.70			
11. 9214 8901 9403 8312 1843 39		Standard Royalty Corporation 9472 Lite Court Jacksonville FL 32257		0.65	3.55								1.70			
12. 9214 8901 9403 8312 1843 46		Hazel (Hogan) Riffler 9335 Glosinia Drive San Antonio TX 78266		0.65	3.55								1.70			
13. 9214 8901 9403 8312 1843 53		The Estate of William J Kendall C/O Joseph Mark Gregory 8905 Random Road Fort Worth TX 76179		0.65	3.55								1.70			
14. 9214 8901 9403 8312 1843 60		The Estate of Dr Guy J Nations C/O Cynthia Mae Wilson Trustee of the Scott E Wilson Bypass Trust 4601 Mirador Drive Austin TX 78735		0.65	3.55								1.70			
15. 9214 8901 9403 8312 1843 77		The Estate of Dr Guy J Nations C/O Beverly Jean Renfro Barr Trustee of the Richard K Barr Family Trust 8027 Chalk Knoll Drive Austin TX 78735		0.65	3.55								1.70			
16. 9214 8901 9403 8312 1843 84		The Estates of Dr Guy J Nations & Marjorie Winifred Nations C/O Ms Maureen L Reynolds 3220 N 66th Place Unit 1003 Scottsdale AZ 85251-6107		0.65	3.55								1.70			
Total Number of Pieces Listed by Sender 19		Total Number of Pieces Received at Post Office														
Postmaster, Per (Name of receiving employee)																



Firm Mailing Book For Accountable Mail

Name and Address of Sender	Check type of mail or service <input type="checkbox"/> Adult Signature Required <input type="checkbox"/> Priority Mail Express <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Collected on Delivery (COD) <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Insured Mail <input type="checkbox"/> Signature Confirmation <input type="checkbox"/> Priority Mail <input type="checkbox"/> Restricted Delivery	USPS Tracking/Article Number	Addressee (Name, Street, City, State, & ZIP Code™)	Postage	(Extra Service) Fee	Handling Charge - if Registered and over \$50,000 in value	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
Holland & Hart LLP (1) 110 N Guadalupe St # 1 Santa Fe NM 87501		17.	9214 8901 9403 8312 1843 91	The Estates of Dr Guy J Nations & Marjorie Winifred Nations C/O Ms Mackenzie J Reynolds 4347 Larkspur Lane Chino CA 91710-5024	0.65	3.55						1.70				
		18.	9214 8901 9403 8312 1844 07	The Estates of Dr Guy J Nations & Marjorie Winifred Nations C/O Mr Arthur William Reynolds 4347 Larkspur Lane Chino CA 91710-5024	0.65	3.55						1.70				
		19.	9214 8901 9403 8312 1844 14	The Estates of Dr Guy J Nations & Marjorie Winifred Nations C/O Ms Kathryn Ann Hendry 9911 N 124th Street Scottsdale AZ 85259-5216	0.65	3.55						1.70				
Total Number of Pieces Listed by Sender	Total Number of Pieces Received at Post Office	Postmaster, Per (Name of receiving employee)														
19																

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
April 28, 2020
and ending with the issue dated
April 28, 2020.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D
Submitted by: **COG OPERATING LLC**
Hearing Date: May 28, 2020
Case Nos. 21264-21265


Publisher

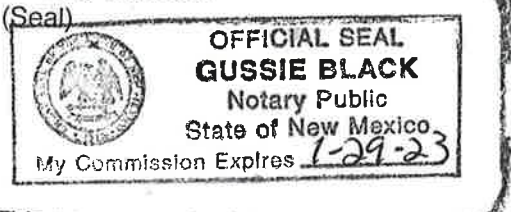
Sworn and subscribed to before me this
28th day of April 2020.


Business Manager

My commission expires

January 29, 2023

(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE
April 28, 2020

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION SANTA FE, NEW MEXICO

The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearings before a hearing examiner on the following case. During the COVID-19 Public Health Emergency, state buildings are closed to the public and Division hearings will be conducted remotely. The remote electronic public hearing will be conducted remotely. The hearing will be conducted on **Thursday, May 14, 2020**, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted below. The docket may be viewed at <http://www.emnrd.state.nm.us/OC/heardings.html> or obtained from Marlene Salvidrez, at Marlene.Salvidrez@state.nm.us. Documents filed in the case may be viewed at <http://ocdlimage.emnrd.state.nm.us/imaging/CaseFileCriteria.aspx>. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in a hearing, contact Marlene Salvidrez at Marlene.Salvidrez@state.nm.us, or the New Mexico Relay Network at 1-800-659-1779, no later than **Monday, May 4, 2020**.

Persons may view and participate in the hearings through the following link and as indicated below:

Meeting number: 968 329 152
Password: YQe6KZBe3n6
<https://nmemnrd.webex.com/nmemnrd/j.php?MTID=mb3ddb90721ccc17207709b8c71dc2ac1>

Join by video system
Dial 968329152@nmemnrd.webex.com
You can also dial 173.243.2.68 and enter your meeting number.

Join by phone
+1-408-418-9388 United States Toll
Access code: 968 329 152

STATE OF NEW MEXICO TO:
All named parties and persons
having any right, title, interest
or claim in the following case
and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

TO: All overriding royalty interest owners and pooled parties, including: Providence Energy Partners III, LP; Tap Rock Resources, LLC; Cynthia Mae Wilson, Trustee of the Scott E. Wilson Bypass Trust; Beverly Jean Renfro Barr, Trustee of the Richard K. Barr Family Trust; Ryan Moore, Trustee of the Ryan Moore SSMITT GST Exempt Trust revised and restated on December 22, 2008; Ryan Moore, Trustee of the Ryan Moore SSMITT GST Nonexempt Trust as revised and restated on December 22, 2008; Heirs and/or Devises of Marjorie Winifred Nations Reynolds, C/O Ms. Maureen L. Reynolds; Heirs and/or Devises of Marjorie Winifred Nations Reynolds, C/O Ms. Mackenzie J. Reynolds; Heirs and/or Devises of Marjorie Winifred Nations Reynolds, C/O Mr. Arthur William Reynolds; Heirs and/or Devises of Marjorie Winifred Nations Reynolds, C/O Ms. Kathryn Ann Hendry; Jerry Haynes, his heirs and devisees; Standard Royalty Corporation; Hazel (Hogan) Riffel, her heirs and devisees; The Estate of William J. Kendall, his heirs and devisees; C/O Joseph Mark Gregory; The Estate of Dr. Guy J. Nations, his heirs and devisees; C/O Cynthia Mae Wilson, Trustee of the Scott E. Wilson Bypass Trust and C/O Beverly Jean Renfro Barr, Trustee of the Richard K. Barr Family Trust; The Estates of Dr. Guy J. Nations & Marjorie Winifred Nations, their heirs and devisees; C/O Ms. Maureen L. Reynolds, C/O Ms. Mackenzie J. Reynolds, C/O Mr. Arthur William Reynolds, and C/O Ms. Kathryn Ann Hendry.

Case No. 21264: Application of COG Operating LLC for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interest owners in the Bone Spring formation underlying a standard 480-acre, more or less, horizontal spacing unit comprised of the E/2 of Section 20, and the NE/4 of Section 29, Township 25 South, Range 35 East, Lea County, New Mexico. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the following proposed wells:

- The **Green Beret Federal Com #501H well** and the **Green Beret Federal Com #602H well**, both of which will be drilled from a common surface hole location in the NW/4 NE/4 (Unit B) of Section 20 to bottom hole locations in the SW/4 NE/4 (Unit G) of Section 29; and
 - The **Green Beret Federal Com #601H well**, to be drilled from a surface hole location in NE/4 NE/4 (Unit A) of Section 20 to a bottom hole location in the SE/4 NE/4 (Unit H) of Section 29.
- The completed interval for the proposed **Green Beret Federal Com #602H well** will remain within 330 feet of the quarter-quarter line separating the E/2 E/2 from the W/2 E/2 of Section 20, and the E/2 NE/4 from the W/2 NE/4 of Section 29, to allow inclusion of these proximity tracts in a standard 480-acre horizontal well spacing unit. Also, to be considered will be the cost of drilling and completing the wells, the allocation of the cost thereof, the actual operating costs and charges for supervision, the designation of applicant as operator, and the imposition of 200% charge for risk involved in drilling and completing each well. Said area is located approximately 11 miles west of Jal, New Mexico.

#35435

Affidavit of Publication


STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

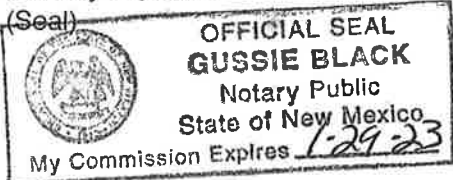
Beginning with the issue dated
April 28, 2020
and ending with the issue dated
April 28, 2020.


Publisher

Sworn and subscribed to before me this
28th day of April 2020.


Business Manager

My commission expires
January 29, 2023



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LEGAL NOTICE
April 28, 2020

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION SANTA FE, NEW MEXICO

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Join by phone
+1-408-418-9388 United States Toll
Access code: 968 329 152

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and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

TO: All overriding royalty interest owners and pooled parties, including: Providence Energy Partners III, LP; Tap Rock Resources, LLC; Cynthia Mae Wilson, Trustee of the Scott E. Wilson Bypass Trust; Beverly Jean Renfro Barr, Trustee of the Richard K. Barr Family Trust; Ryan Moore, Trustee of the Ryan Moore SSMTT GST Exempt Trust revised and restated on December 22, 2008; Ryan Moore, Trustee of the Ryan Moore SSMTT GST Nonexempt Trust as revised and restated on December 22, 2008; Heirs and/or Devises of Marjorie Winifred Nations Reynolds, C/O Ms. Maureen L. Reynolds; Heirs and/or Devises of Marjorie Winifred Nations Reynolds, C/O Ms. Mackenzie J. Reynolds; Heirs and/or Devises of Marjorie Winifred Nations Reynolds, C/O Mr. Arthur William Reynolds; Heirs and/or Devises of Marjorie Winifred Nations Reynolds, C/O Ms. Kathryn Ann Hendry; Jerry Haynes, his heirs and devisees; Standard Royalty Corporation; Hazel (Hogan) Riffel, her heirs and devisees; The Estate of William J. Kendall, his heirs and devisees; C/O Joseph Mark Gregory; The Estate of Dr. Guy J. Nations, his heirs and devisees; C/O Cynthia Mae Wilson, Trustee of the Scott E. Wilson Bypass Trust and C/O Beverly Jean Renfro Barr, Trustee of the Richard K. Barr Family Trust; The Estates of Dr. Guy J. Nations & Marjorie Winifred Nations, their heirs and devisees; C/O Ms. Maureen L. Reynolds, C/O Ms. Mackenzie J. Reynolds, C/O Mr. Arthur William Reynolds, and C/O Ms. Kathryn Ann Hendry.

Case No. 21265: Application of COG Operating LLC for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interest owners in the Wolfcamp formation underlying a standard 480-acre, more or less, horizontal spacing unit comprised of the E/2 of Section 20, and the NE/4 of Section 29, Township 25 South, Range 35 East, Lea County, New Mexico. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the to the following proposed wells:

- The Green Beret Federal Com #701H well, to be drilled from a surface hole location in NE/4 NE/4 (Unit A) of Section 20 to a bottom hole location in the SE/4 NE/4 (Unit H) of Section 29; and
 - The Green Beret Federal Com #702H well and the Green Beret Federal Com #801H well, both of which will be drilled from a common surface hole location in the NW/4 NE/4 (Unit B) of Section 20 to bottom hole locations in the SW/4 NE/4 (Unit G) of Section 29.
- The completed interval for the proposed Green Beret Federal Com #701H well will remain within 330 feet of the quarter-quarter line separating the E/2 E/2 from the W/2 E/2 of Section 20, and the E/2 NE/4 from the W/2 NE/4 of Section 29, to allow inclusion of these proximity tracts in a standard 480-acre horizontal well spacing unit. Also, to be considered will be the cost of drilling and completing the wells, the allocation of the cost thereof, the actual operating costs and charges for supervision, the designation of applicant as operator, and the imposition of 200% charge for risk involved in drilling and completing each well. Said area is located approximately 11 miles west of Jal, New Mexico.

#35436