

# COG OPERATING LLC

Stove Pipe Federal Com

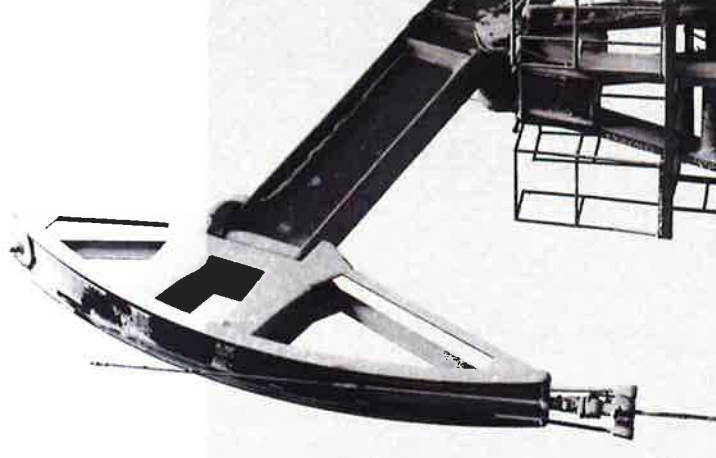
601H, 603H, 702H, 706H, 707H

Section 6 & 7-T25S-R35E

Lea County, New Mexico

Case No. 20527 (Re-Opened)

BEFORE THE OIL CONSERVATION DIVISION  
EXAMINER HEARING: December 12, 2019



**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. 20527 (Re-opened)  
Order R-20766**

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**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. 20527 (Re-opened)  
ORDER NO. R-20766**

**AFFIDAVIT OF MEGAN TIPTON**

Megan Tipton, of lawful age and being first duly sworn, declares as follows:

1. My name is Megan Tipton. I work for COG Operating LLC ("COG") as a Landman.
2. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters. My credentials as a petroleum landman have been accepted by the Division and made a matter of record.
3. I am familiar with the application filed by COG to re-open this case, and I am familiar with the status of the lands in the subject area.
4. None of the parties pooled in this case under Order No. R-20766 has indicated opposition, therefore I do not expect any opposition at the hearing.
5. Division Order No. R-20766, entered August 8, 2019, created a 640-acre, more or less, horizontal spacing unit in the WC-025 G-09 S243532M; Wolfbone Pool (98098), comprised of Lots 3-7, the SE/4 NW/4, and the E/2 SW/4 (W/2 equivalent) of irregular Section 6, and Lots 1-4, and the E/2 W/2 (W/2 equivalent) of irregular Section 7, Township 25 South, Range 35 East, Lea County, New Mexico.
6. Order R-20766 dedicated the above-described spacing unit to the following initial wells:

- The **Stove Pipe Federal Com #601H**, the **Stove Pipe Federal Com #701H**, the **Stove Pipe Federal Com #702H**, and the **Stove Pipe Federal Com #703H** wells to be drilled from surface hole locations in SE/4 SW/4 (Unit N) of irregular Section 31, T24S, R35E, to bottom hole locations in the SE/4 SW/4 (Unit N) of irregular Section 7, T25S, R35E.
- The **Stove Pipe Federal Com #603H**, the **Stove Pipe Federal Com #706H**, and the **Stove Pipe Federal Com #707H** wells to be drilled from surface hole locations in SW/4 SW/4 (Lot 4) of irregular Section 31, T24S, R35E, to bottom hole locations in the SW/4 SW/4 (Lot 4) of irregular Section 7, T25S, R35E.
- The **Stove Pipe Federal Com #602H**, the **Stove Pipe Federal Com #704H**, and the **Stove Pipe Federal Com #705H** wells to be drilled from a surface hole location in SE/4 SW/4 (Unit N) of irregular Section 31, T24S, R35E, to a bottom hole location in the SW/4 SW/4 (Lot 4) of irregular Section 7, T25S, R35E.

7. Order R-20766 designated the **Stove Pipe Federal Com #602H** well as the “Proximity Defining Well” to be drilled closer than 330 feet from the proximity tracts and therefore defining this horizontal well spacing unit.

8. Since entry of Order No. R-20766, COG has reorganized its development plan within this acreage and seeks an amended order reflecting those changes, however, the spacing unit and pool remain the same as established under Order No. R-20766.

9. The spacing unit will now be dedicated to five initial wells:

- (1) the **Stove Pipe Federal Com #601H well**, and (2) the **Stove Pipe Federal Com #702H well**, to be drilled from surface hole locations in SE/4 SW/4 (Unit N) of irregular Section 31, T24S, R35E, to bottom hole locations in the SE/4 SW/4 (Unit N) of irregular Section 7, T25S, R35E.
- (3) the **Stove Pipe Federal Com #603H well** (formerly the **Stove Pipe Federal Com #704H well**), (4) the **Stove Pipe Federal Com #706H well**, and (5) the **Stove Pipe Federal Com #707H wells**, to be drilled from surface hole locations in SW/4 SW/4 (Lot 4) of irregular Section 31, T24S, R35E, to bottom hole locations in the SW/4 SW/4 (Lot 4) of irregular Section 7, T25S, R35E.

10. The completed interval for the proposed **Stove Pipe Federal Com #603H well** (formerly the **Stove Pipe Federal Com #704H well**) will be within 330' of the quarter-quarter line separating the W/2 W/2 equivalent and the E/2 W/2 equivalent of irregular Sections 6 and 7 to allow inclusion of this acreage into a standard 640-acre horizontal well spacing unit.

11. **COG Exhibit No. A-1** contains filed Form C-102 for these five proposed wells.

12. **COG Exhibit No. A-2** identifies the tracts of land comprising the proposed spacing unit in this case. This exhibit also identifies the interest ownership by tract and ultimately by spacing unit. COG is seeking to pool each of the highlighted interest owners identified on the exhibit.

13. All interest owners that COG seeks to pool are locatable. COG has conducted a diligent search of all public records in Lea County, including phone directories and computer databases to locate each the parties owning an interest in the proposed spacing unit.

14. **COG Exhibit No. A-3** contains a sample amended well proposal letter along with an AFE provided to the working interest owners COG is seeking to pool in this re-opened case. The costs reflected in the AFE are consistent with what other operators have incurred for drilling similar horizontal wells in the area in each of these formations.

15. There are both unleased mineral interest owners and unmarketable title owners in this acreage.

16. In my opinion, COG has made good faith efforts, in addition to the well proposal letter, to reach agreement with the parties it is seeking to pool, including the unleased mineral interest owners. If COG reaches an agreement with any of the proposed pool parties before the Division enters an order, I will let the Division know that COG is no longer seeking to pool those parties.

17. No ownership depth severances exist within this proposed spacing unit.

18. COG has estimated the overhead and administrative costs for drilling and producing the proposed well at \$8,000 per month while drilling and \$800 per month while producing. These costs are consistent with what other operators are charging in this area for similar wells. COG requests these administrative and overhead costs be incorporated into any order entered by the Division in this case.

19. I provided the law firm of Holland & Hart LLP a list of names and addresses for the owners that COG seeks to pool and instructed that they be notified of this hearing.

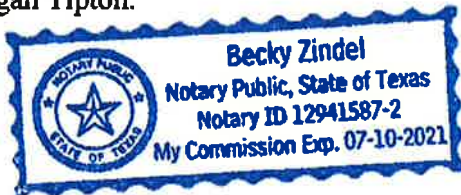
20. COG Exhibit Nos. A-1 through A-3 were either prepared by me or compiled under my direction and supervision.

FURTHER AFFIANT SAYETH NOT.

Megan Tipton  
MEGAN TIPTON

STATE OF TEXAS )  
COUNTY OF Midland )

SUBSCRIBED and SWORN to before me this 9th day of December 2019 by  
Megan Tipton.



Becky Zindel  
NOTARY PUBLIC

My Commission Expires:

7/10/21

## DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (505) 393-6161 Fax: (505) 393-0720

## DISTRICT II

811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 748-1283 Fax: (505) 748-9720

## DISTRICT III

1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462State of New Mexico  
Energy, Minerals & Natural Resources Department

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name	Well Number
	STOVE PIPE FEDERAL COM	601H
OGRID No.	Operator Name	Elevation
	COG OPERATING, LLC	3321.7'

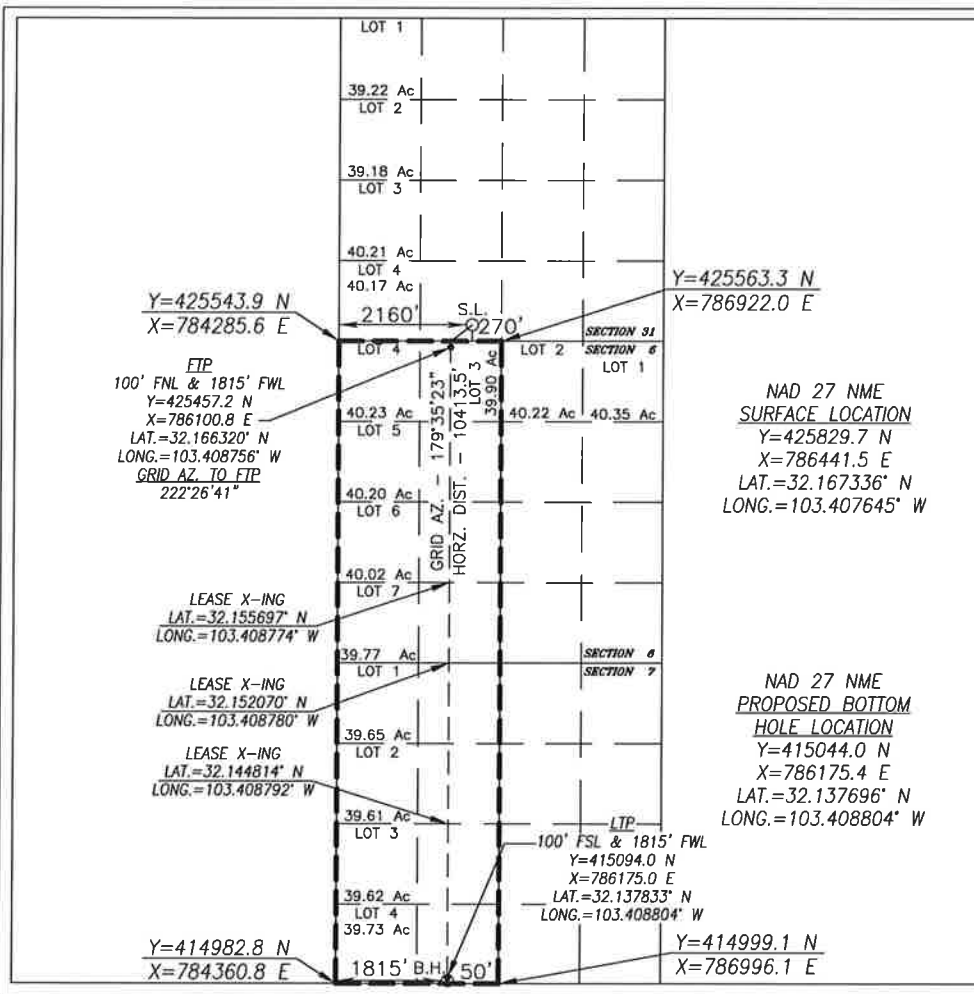
## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	31	24-S	35-E		270	SOUTH	2160	WEST	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
N	7	25-S	35-E		50	SOUTH	1815	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

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



## OPERATOR CERTIFICATION

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.

Signature

Date

Printed Name

E-mail Address

## SURVEYOR CERTIFICATION

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.

OCTOBER 24, 2019

Date of Survey

Signature &amp; Seal of Professional Surveyor



Chad Harcrow 10/31/19

Certificate No. CHAD HARCROW 17777

W.O. # 19-2007 DRAWN BY: DS



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) 748-8720

DISTRICT III  
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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	Pool Code	Pool Name
Property Code	Property Name	Well Number
	STOVE PIPE FEDERAL COM	603H
OGRID No.	Operator Name	Elevation
	COG OPERATING, LLC	3347.4'

**Surface Location**

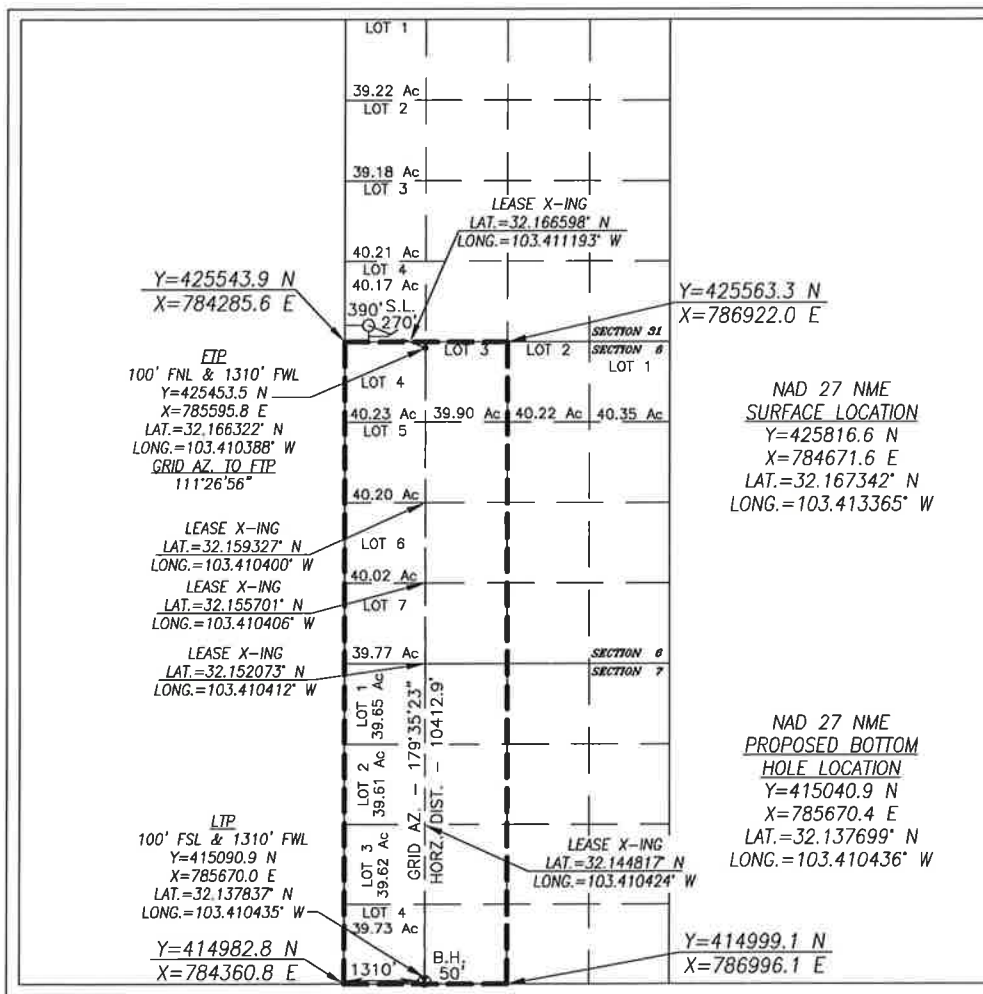
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	31	24-S	35-E		270	SOUTH	390	WEST	LEA

**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
4	7	25-S	35-E		50	SOUTH	1310	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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**OPERATOR CERTIFICATION**

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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

**SURVEYOR CERTIFICATION**

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.

OCTOBER 24, 2019

Date of Survey

Signature & Seal of Professional Surveyor

Chad L. Harcrow 11/25/19  
Certificate No. CHAD HARCROW 17777  
W.O. # 19-2210 DRAWN BY: DS

1825 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-0101 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  
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## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
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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		Pool Code	Pool Name
Property Code	Property Name STOVE PIPE FEDERAL COM		Well Number 702H
OGRID No.	Operator Name COG OPERATING, LLC		Elevation 3321.3'

### Surface Location

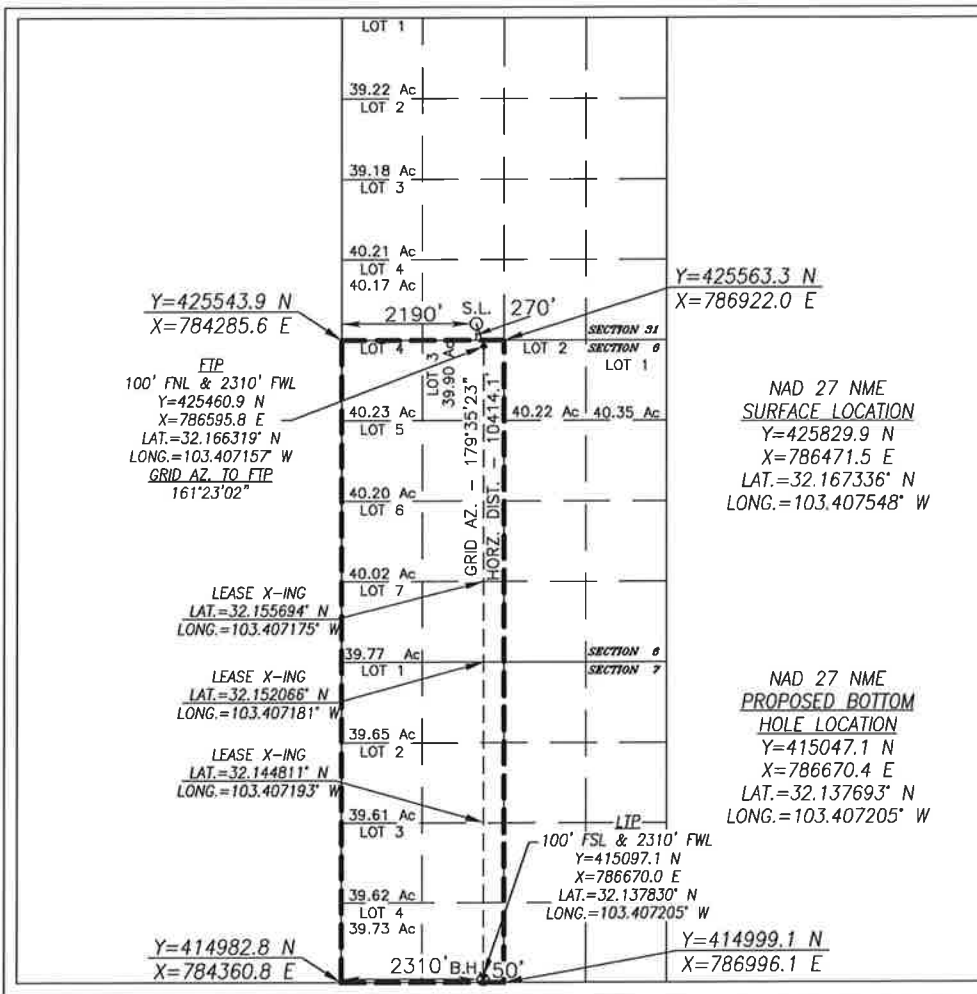
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	31	24-S	35-E		270	SOUTH	2190	WEST	LEA

## 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
N	7	25-S	35-E		50	SOUTH	2310	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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### OPERATOR CERTIFICATION

*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.*

---

<b>Signature</b>	<b>Date</b>
------------------	-------------

Printed Name \_\_\_\_\_

E-mail Address

### SURVEYOR CERTIFICATION

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.

APRIL 2, 2019

Date of Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 11/26/19  
Certificate No. CHAD HARCROW 17777  
W.O. # 19-2211 DRAWN BY: DS

Form C-102  
Revised August 1, 2011  
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District Office

**DISTRICT II**  
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Phone: (505) 476-3480 Fax: (505) 476-3482

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Property Name		Well Number
	STOVE PIPE FEDERAL COM		706H
OGRID No.	Operator Name		Elevation
	COG OPERATING, LLC		3348.2'

### Surface Location


UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	31	24-S	35-E		270	SOUTH	360	WEST	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
4	7	25-S	35-E		50	SOUTH	825	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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<b>OPERATOR CERTIFICATION</b>	
<i>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.</i>	
Signature _____	Date _____
Printed Name _____	
E-mail Address _____	
<b>SURVEYOR CERTIFICATION</b>	
<i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>	
OCTOBER 24, 2019	
Date of Survey	
Signature & Seal of Professional Surveyor	
	
Signature: <i>Chad Harcrow</i> Date: 10/31/19 Certificate No. CHAD HARCROW 17777 W.O. # 19-2008 DRAWN BY: DS	



DISTRICT I  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
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Santa Fe, New Mexico 87505

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Submit one copy to appropriate  
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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name
Property Code	Property Name <b>STOVE PIPE FEDERAL COM</b>	Well Number 707H
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	Elevation 3348.5'

**Surface Location**


UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	31	24-S	35-E		270	SOUTH	330	WEST	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
4	7	25-S	35-E		50	SOUTH	330	WEST	LEA

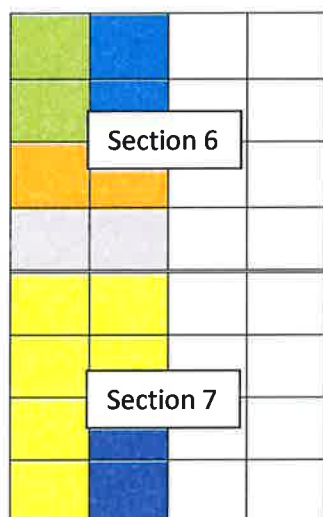
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
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<p>LOT 1</p> <p>39.22 Ac</p> <p>LOT 2</p> <p>39.18 Ac</p> <p>LOT 3</p> <p>40.21 Ac</p> <p>LOT 4</p> <p>40.17 Ac</p> <p>S.L. 0270'</p> <p>Y=425543.9 N X=784285.6 E</p> <p>LEASE X-ING LAT.=32.166600° N LONG.=103.413556° W</p> <p>FIP 100' FNL &amp; 330' FWL Y=425446.3 N X=784615.9 E LAT.=32.166325° N LONG.=103.413555° W GRID AZ. TO FIP 179°19'47"</p> <p>LEASE X-ING LAT.=32.159333° N LONG.=103.413566° W</p> <p>LEASE X-ING LAT.=32.155707° N LONG.=103.413572° W</p> <p>LEASE X-ING LAT.=32.152080° N LONG.=103.413578° W</p> <p>LTP 100' FSL &amp; 330' FWL Y=415084.8 N X=784690.1 E LAT.=32.137843° N LONG.=103.413601° W</p> <p>Y=414982.8 N X=784360.8 E</p>	<p>LOT 3</p> <p>39.90 Ac</p> <p>LOT 4</p> <p>40.22 Ac</p> <p>LOT 5</p> <p>40.20 Ac</p> <p>LOT 6</p> <p>40.02 Ac</p> <p>LOT 7</p> <p>39.77 Ac</p> <p>LOT 1</p> <p>39.65 Ac</p> <p>LOT 2</p> <p>39.61 Ac</p> <p>LOT 3</p> <p>39.62 Ac</p> <p>LOT 4</p> <p>39.73 Ac</p> <p>GRID AZ. = 179°15'23" HORZ. DIST. = 104'11.8"</p> <p>SECTION 31</p> <p>SECTION 6</p> <p>SECTION 7</p> <p>NAD 27 NME SURFACE LOCATION Y=425816.3 N X=784611.5 E LAT.=32.167342° N LONG.=103.413559° W</p> <p>NAD 27 NME PROPOSED BOTTOM HOLE LOCATION Y=415034.8 N X=784690.4 E LAT.=32.137706° N LONG.=103.413601° W</p> <p>Y=414999.1 N X=786996.1 E</p>	<p><b>OPERATOR CERTIFICATION</b></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><b>SURVEYOR CERTIFICATION</b></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>APRIL 2, 2019</p> <p>Date of Survey _____</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p></p> <p>Chad Harcrow 4/19/19</p> <p>Certificate No. CHAD HARCROW 17777</p> <p>W.O. # 19-577 DRAWN BY: WN</p>
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**COG Operating LLC**  
**Stove Pipe Federal Com 601H, 603H, 702H, 706H, 707H**

Township 25 South- Range 35 East, N.M.P.M.  
 Section 6: Lots 3-7, SE/4 NW/4, E/2 SW/4 (aka W/2)  
 Section 7: Lots 1-4, E/2 W/2 (aka W/2)  
 Lea County, New Mexico  
 Limited in Depth to the Wolfbone Pool



	Tract 1
	Tract 2
	Tract 3
	Tract 4
	Tract 5
	Tract 6

**Tract 1: Section 6: Lots 4-5 (80.48 Acres)**

COG Operating LLC	100.00000%
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**Tract 2: Section 6: Lot 3 and the SE/4 NW/4 (80.15 Acres)**

COG Operating LLC	23.75000%
MRC Permian Company	8.75000%
Burlington Resources Oil & Gas Company LP	50.00000%
BEXP I, LP	8.75000%
Pivotal Permian Basin II, LLC	8.75000%
<b>Total</b>	<b>100.00000%</b>

**Tract 3: Section 6: Lot 6, NE/4 SW/4 (79.94 Acres)**

COG Operating LLC	42.773333%
COG Acreage LP	39.982222%
Marathon Oil Permian, LLC	8.000000%
MRC Permian Company	6.400000%
Noroma Energy, LLC	0.355556%
Ozark Royalty Company, LLC	0.355556%
Chief Capital (O&G) II LLC	2.133333%
Total	100.00000%

**Tract 4: Section 6: Lot 7, SE/4SW/4 (79.75 Acres)**

Oxy Y-1 Company	20.000000%
COG Operating LLC	80.000000%
Total	100.00000%

**Tract 5: Section 7: Lots 1-4, E/2NW/4 (238.76 Acres)**

COG Production LLC	100.00000%
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**Tract 6: Section 7: E/2SW/4 (80 Acres)**

COG Operating LLC	100.00000%
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**Unit Working Interest**

COG Operating, LLC	43.423143%
COG Production, LLC	37.359955%
COG Acreage LP	5.001219%
OXY Y-1 Company	2.495775%
Marathon Oil Permian, LLC	1.000689%
MRC Permian Company	1.897929%
Burlington Resources Oil & Gas Company LP	6.270733%
Pivotal Permian Basin II, LLC	1.097379%
BEXP I, LP	1.097379%
Ozark Royalty Company, LLC	0.044475%
Noroma Energy, LLC	0.044475%
Chief Capital (O&G) II LLC	0.266850%
Total	100.00000%



Uncommitted Working Interest Owner

## **Parties with Unmarketable Title**

Heirs or Devisees of Barney L. Alsobrook  
Heirs or Devises of Russell Kirby  
Heirs or Devises of Erma Kirby  
Michael Edwin Thompson  
Heirs or Devises of Judith A. Greene  
Scott Reed Greene  
Elizabeth Alsobrook Schuler  
Jonathon Barney Alsobrook  
Stephen Reed Alsobrook  
Heirs or Devisees of Bob Mason  
Heirs or Devisees of Edwin Hall Baird  
Heirs or Devisees of Sallie Knight Baird  
Scott Gary Mason  
Bruce Mason  
Ozark Royalty Company, LLC  
Noroma Energy, LLC  
Jetstream Royalty Partners, LP  
Heirs or Devisees of Willie Margaret Lain Baird  
Chisos Minerals, LLC  
G. Dan Thompson  
Tilden Capital Minerals, LLC  
GGM Exploration, Inc.  
Pegasus Resources, LLC  
TD Minerals, LLC  
Charlotte Lain McGhee  
Betty Ruth Lain Patterson  
Georgia Ann Lain McGhee  
Heirs or Devisees of Rubiedick K. Hawes  
Heirs or Devisees of Hugh Rust Hawes, Jr.  
Heirs or Devisees of Peggy Joyce Caudill Hawes  
Hugh R. Hawes, IV  
Heirs or Devisees of Madge Ferrel  
Heirs or Devisees of John H. Ferrel  
Heirs or Devisees of J.D. Ferrel  
PCB LLC  
Flatland Mineral Fund, LP  
Flatland Sidecar, LLC  
Brigham Minerals, LLC  
Heirs or Devisees of Georgia Mosley  
Heirs or Devisees of Eddie May Mosley  
Heirs or Devisees of Guy Neal  
Peggy Neal Marquez

W2 Stove Pipe Fed Com Wells – Wolfbone Pool

COG Operating LLC  
Heirs or devisees of Evelyn Gentry  
Mitchell Cappadonna  
Carol Cappadonna  
Heirs or devisees of Jewell Hosford  
Ruth Vaughn  
Heirs or devisees of Richard G. Hosford  
Barry Hosford  
Michael Hosford  
Bruce Hosford  
Diann Hosford  
Heirs or devisees of Shirley Sue Mosley  
Elizabeth Hogan  
Pivotal Permian Basin II, LLC  
Chief Capital (O&G) II LLC





August 22, 2019

U.S. Certified Mail

**Marathon Oil Permian LLC**  
**5555 San Felipe Street**  
**Houston, TX 77056**

**Re: Well Proposal – Stove Pipe Federal Com #601H**  
Sec 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) - T25S-R35E  
Sec 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E  
SHL: 270 FSL/2160 FWL, or a location in Sec 31 - T24S-R35E  
BHL: 50 FSL/2080 FWL, or a location in Sec 7 - T25S-R35E  
Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, proposes to drill the Stove Pipe Federal Com #601H well as a horizontal well at the above-captioned location to a TVD of approximately 12,550' and a MD of 23,069' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$14,874,855.00 and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill this well under the attached order granted by the NMOCD (Order #R-20766). Please make your election by signing the attached AFE and prepaying your share of the cost within 30 days of receipt of the AFE herein. Failure to prepay or lack of response will be deemed a non-consent election pursuant to the enclosed order.

If you have any questions, please do not hesitate to contact the undersigned at (432) 685-2588.

Respectfully,

**COG OPERATING LLC**

**Megan Tipton**  
**Landman**

COG OPERATING LLC  
AUTHORITY FOR EXPENDITURE  
DRILLING

WELL NAME:	STOVE PIPE FEDERAL COM #501H	PROSPECT NAME:	Bulldog 2535 (717109)
SHL:	Sec 31: 270 FSL & 2160 FWL	STATE & COUNTY:	New Mexico, Lea
BHL:	Sec 7: 50 FSL & 2080 FWL	OBJECTIVE:	DRILL AND COMPLETE
FORMATION:	Wolfbone Pool	DEPTH:	23,069
LEGAL:	Sec 31: 24S-35E	TVD:	12,550

INTANGIBLE COSTS		Drig - Rig Release(D)	Completion(C)	Tank Btty Constrctn(TB)	Pmpg Equipment(PEO)	TOTAL
Till/Cutlive/Permit	201	20,000				20,000
Insurance	202	2,500	302			2,500
Damages/Right of Way	203	20,000	303	351		20,000
Survey/Stake Location	204	7,000		352		7,000
Location/Pits/Road Expense	205	135,000	305	10,000	353	190,000
Drilling / Completion Overhead	206	11,100	306			26,100
Turnkey Contract	207					0
Footage Contract	208					0
Daywork Contract	209	984,000				984,000
Directional Drilling Services	210	442,000				442,000
Frac Equipment			307	1,829,000		1,829,000
Frac Chemicals			308	473,000		473,000
Frac Proppant			309	814,000		814,000
Frac Proppant Transportation			310	399,000		399,000
Fuel & Power	211	211,000	311	06,000	354	279,000
Water	212	60,000	312	906,000	360	1,026,000
Bits	213	11,000	313	4,500	369	15,500
Mud & Chemicals	214	275,000	314	25,000	370	300,000
Drill Stem Tool	215		315			0
Coring & Analysis	216					0
Cement Surface	217	28,000				28,000
Cement Intermediate	218	75,000				75,000
Cement 2nd Intermediate/Production	219	115,000				115,000
Cement Squeeze & Other (Kickall Plug)	220				371	0
Fisat Equipment & Convalizers	221	65,000				65,000
Casing Crews & Equipment	222	70,000				70,000
Fishing Tools & Service	223		323		372	0
Geology/Engineering	224	11,400	324	355	373	11,400
Contract Labor	225	6,500	325	20,000	356	155,935
Company Supervision	226	66,600	326	15,000	357	81,600
Contract Supervision	227	167,000	327	255,000	358	417,000
Testing Casing/Tubing	228	30,000	328	5,000	377	35,000
Mud Logging Unit	229	52,000	329			52,000
Logging	230				378	0
Perforating/Wireline Services	231	4,300	331	588,000	379	592,000
Simulation/Training			332	397,000		397,000
Completion Unit			333	138,000	381	148,000
Swabbing Unit			334		382	0
Rentals Surface	235	170,000	335	403,000	350	600,000
Rentals Subsurface	236	150,000	336	30,000	384	180,000
Trucking/perm/Title Mobilization	237	290,000	337	20,000	385	3,000
Welding Services	238	3,000	338	5,000	361	8,000
Water Disposal	239		339	60,000	362	135,000
Plug to Abandon	240		340		387	250,000
Seismic Analysis	241		341			0
Miscellaneous	242	10,000	342		389	10,000
Contingency	243	71,000	343	250,000	363	321,000
Closed Loop & Environmental	244	330,000	344	5,000	364	335,000
Dyed Diesel	245		345	484,000		
Ceil Tubing			346	750,000		750,000
Flowback Crews & Equip			347	48,000		48,000
Oilfield Directional/Frac	248		348		391	0
<b>TOTAL INTANGIBLES</b>		<b>3,813,100</b>	<b>8,076,500</b>	<b>300,935</b>	<b>289,300</b>	<b>12,472,835</b>

TANGIBLE COSTS						
Surface Casing	401	52,000				52,000
Intermediate Casing	402	555,000				555,000
Production Casing/Liner	403	782,000				782,000
Tubing			504	52,030	510	57,030
Wellhead Equipment	405	75,000	505	22,000	531	100,000
Pumping Unit				0	506	96,000
Pump Motor				0	507	0
Rods				0	508	55,000
Pumps Sub Surface (BH)			509		532	5,000
Tanks				510	63,645	63,645
Flowlines				511	26,593	26,593
Heater Tronier/Separator				512	140,007	140,007
Electrical System				513	130,000	145,000
Packers/Anchors/Hangers	414		514	06,000	534	08,000
Couplings/Fittings/Valves	415			515	109,282	109,282
Dehydration				517		0
Injection Plant/CO2 Equipment				518		0
Pumps-Surface				521	5,000	5,000
Instrumentation/SCADA/POC				522	10,482	17,482
Miscellaneous	419		519	523	5,241	8,241
Contingency	420		520	524	536	0
Meters/LACT				525	25,156	25,156
Flares/Combustors/Emission				526	23,584	23,584
Gas Lift/Compression			527	15,000	516	60,000
<b>TOTAL TANGIBLES</b>		<b>1,464,000</b>	<b>155,030</b>	<b>591,990</b>	<b>191,000</b>	<b>2,402,000</b>
<b>TOTAL WELL COSTS</b>		<b>5,277,100</b>	<b>8,232,030</b>	<b>894,925</b>	<b>471,300</b>	<b>14,874,855</b>

COG Operating LLC

% of Total Well Cost

35%

55%

6%

3%

Date Prepared: 2/21/19

COG Operating LLC

We approve:

% Working Interest

By:

AL

Company:

By:

Printed Name:

Title:

Date:

This AFC is only an estimate. By signing you agree to pay your share

of the actual costs incurred.



August 22, 2019

U.S. Certified Mail

**Marathon Oil Permian LLC  
5555 San Felipe Street  
Houston, TX 77056**

**Re: Well Proposal – Stove Pipe Federal Com #702H**  
Sec 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) - T25S-R35E  
Sec 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E  
SHL: 270 FSL/2190 FWL, or a location in Sec 31 - T24S-R35E  
BHL: 50 FSL/2080 FWL, or a location in Sec 7 - T25S-R35E  
Lea County, New Mexico

**Dear Sir/Madam:**

COG Operating LLC (COG), as Operator, proposes to drill the Stove Pipe Federal Com #702H well as a horizontal well at the above-captioned location to a TVD of approximately 12,700' and a MD of 23,162' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$15,050,255.00 and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill this well under the attached order granted by the NMOCD (Order #R-20766). Please make your election by signing the attached AFE and prepaying your share of the cost within 30 days of receipt of the AFE herein. Failure to prepay or lack of response will be deemed a non-consent election pursuant to the enclosed order.

If you have any questions, please do not hesitate to contact the undersigned at (432) 685-2588.

Respectfully,

**COG OPERATING LLC**

A handwritten signature in blue ink that reads "Megan L. Tipton".

**Megan Tipton  
Landman**

**COG OPERATING LLC  
AUTHORITY FOR EXPENDITURE  
DRILLING**

<b>WELL NAME:</b>	<b>STOVE PIPE FEDERAL COM #702H</b>	<b>PROSPECT NAME:</b>	<b>Bulldog 2535 (717109)</b>
<b>SHL:</b>	<b>Sec 31: 270 FSL &amp; 2190 FWL</b>	<b>STATE &amp; COUNTY:</b>	<b>New Mexico, Lea</b>
<b>BHL:</b>	<b>Sec 7: 50 FSL &amp; 2080 FWL</b>	<b>OBJECTIVE:</b>	<b>DRILL AND COMPLETE</b>
<b>FORMATION:</b>	<b>Waltbone Pool</b>	<b>DEPTH:</b>	<b>23,162</b>
<b>LEGAL:</b>	<b>Sec 31: 24S-35E</b>	<b>TVD:</b>	<b>12,700</b>

		<b>Drig - Rig Release(D)</b>	<b>Completion(C)</b>	<b>Tank Bllv Constrcin(TB)</b>	<b>Pmpg Equipment(PEO)</b>	<b>TOTAL</b>
<b>INTANGIBLE COSTS</b>						
Title/Curtailure/Permit	201	20,000				20,000
Insurance	202	2,500	302			2,500
Damages/Right of Way	203	20,000	303	351		20,000
Survey/Steak Location	204	7,000		352		7,000
Location/Pits/Road Expense	205	125,000	305	10,000	353	150,000
Drilling / Completion Overhead	206	11,100	306	15,000	356	26,100
Turnkey Contract	207					0
Feeding Contract	208					0
Daywork Contract	209	964,000				964,000
<b>Directional Drilling Services</b>	210	480,000				480,000
Frac Equipment			307	1,829,000		1,829,000
Frac Chemicals			308	473,000		473,000
Frac Proppant			309	814,000		814,000
Frac Proppant Transportation			310	399,000		399,000
Fuel & Power	211	211,000	311	68,000	351	279,000
Water	212	80,000	312	966,000	358	1,046,000
Blas	213	119,000	313	4,500	360	123,500
Mud & Chemicals	214	275,000	314	25,000	370	300,000
Drill Stem Test	215		315			0
Coring & Analysis	216					0
Cement Surface	217	38,000				38,000
Cement Intermediate	218	75,000				75,000
Cement 2nd Intermediate/Production	219	115,000				115,000
<b>Cement Sealsite &amp; Other (Kickoff Plug)</b>	220				371	0
Heat Equipment & Centralizers	221	65,000				65,000
Casing Crews & Equipment	222	70,000				70,000
Fishing Tools & Service	223		323		372	0
Geological/Engineering	224	11,800	324	365	373	11,800
Contract Labor	225	6,500	325	20,000	356	155,935
Company Supervision	226	68,600	326	15,000	357	81,600
Contract Supervision	227	157,600	327	255,000	358	417,000
Testing Casing/Tubing	228	30,000	328	5,000	377	35,000
Mud Logging Unit	229	70,000	329			70,000
Logging	230				378	0
Perforating/Wireline Services	231	4,000	331	508,000	379	592,000
Stimulation/Treating			332	397,000	380	397,000
Completion Unit			333	138,000	381	146,800
Swabbing Unit			334		382	0
Rentals-Surface	235	190,000	335	403,000	383	600,000
Rentals-Subsurface	236	150,000	336	30,000	384	180,000
Truckings/Forklifts/Trig Mobilization	237	200,000	337	20,000	385	223,000
Welding Services	238	3,000	338	5,000	361	8,000
Water Disposal	239	3,000	339	60,000	362	135,000
Plug to Abandon	240		340		367	250,000
Seismic Analysis	241		341			0
Miscellaneous	242		342		389	0
Contingency	243	72,000	343	250,000	363	390
Closed Loop & Environmental	244	330,000	344	5,000	364	388
Dyed Diesel	245		345	484,000		
Coil Tubing			346	750,000		750,000
Flowback Crews & Equip			347	48,000		48,000
Oilset Directional/Frac	248		348		391	0
<b>TOTAL INTANGIBLES</b>		<b>3,878,500</b>	<b>6,076,500</b>	<b>302,935</b>	<b>280,300</b>	<b>12,638,235</b>
<b>TANGIBLE COSTS</b>						
Surface Casing	401	48,000				48,000
Intermediate Casing	402	555,000				555,000
Production Casing/Liner	403	796,000				796,000
Tubing			504	52,000	500	57,000
Wellhead Equipment	405	75,000	505	22,000	501	100,000
Pumping Unit				0	506	96,000
Prime Mover				0	507	0
Rods				0	508	55,000
Pumps Sub Surface (BH)			509		532	5,000
Tanks				510	63,645	63,645
Flowlines				511	26,593	26,593
Heater Treater/Separator				512	140,007	140,007
Electrical System				513	130,000	145,000
Packers/Anchors/Tempers	414		514	60,000	534	68,000
Couplings/Fittings/Valves	415			515	102,282	102,282
Dehydration				517		0
Injection Plans/CO2 Equipment				518		0
Pumps-Surface				521	5,000	5,000
Instrumentation/SCADA/PLC				522	10,482	12,482
Miscellaneous	419		519	5,241	535	8,241
Contingency	420		520		536	0
Meters/ACT				525	25,156	25,156
Flares/Combustors/Emission				526	23,584	23,584
Gas Lift/Compression			527	15,000	516	75,000
<b>TOTAL TANGIBLES</b>		<b>1,474,000</b>	<b>155,030</b>	<b>591,939</b>	<b>191,000</b>	<b>2,412,029</b>
<b>TOTAL WELL COSTS</b>		<b>5,452,500</b>	<b>6,231,530</b>	<b>894,875</b>	<b>471,300</b>	<b>15,060,855</b>

\*% of Total Well Cost

36\*

55%

6%

3%

COG Operating LLC

Date Prepared: 7/28/19

COG Operating LLC

We approve:

% Working Interest

By:

AL

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



October 1, 2019

U.S. Certified Mail

**Marathon Oil Permian, LLC**  
**5555 San Felipe Street**  
**Houston, TX 77056**

**Re: Well Proposal – Stove Pipe Federal Com #704H**  
Sec 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) - T25S-R35E  
Sec 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E  
SHL: 270 FSL/390 FWL, or a location in Sec 31 - T24S-R35E  
BHL: 50 FSL/1230 FWL, or a location in Sec 7 - T25S-R35E  
Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, proposes to drill the Stove Pipe Federal Com #704H well as a horizontal well at the above-captioned location to a TVD of approximately 12,865' and a MD of 23,334' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$12,291,100.00 and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill this well under the attached order granted by the NMOCD (Order #R-20766). Please make your election by signing the attached AFE and prepaying your share of the cost within 30 days of receipt of the AFE herein. Failure to prepay or lack of response will be deemed a non-consent election pursuant to the enclosed order.

If you have any questions, please do not hesitate to contact the undersigned at (432) 685-2588.

Respectfully,

**COG OPERATING LLC**

A handwritten signature in blue ink that reads "Megan L. Tipton".

**Megan Tipton**  
**Landman**



**COG OPERATING LLC  
AUTHORITY FOR EXPENDITURE  
DRILLING**

<b>WELL NAME:</b>	<b>Stove Pipe Federal Corn 704H</b>	<b>PROSPECT NAME:</b>	<b>Bulldog 2635 (717109)</b>
<b>SHL:</b>	<b>SEC 31: 270 FSL 390 FWL (or a location in Lot 4)</b>	<b>STATE &amp; COUNTY:</b>	<b>New Mexico, Lea</b>
<b>BHL:</b>	<b>SEC 7: 60 FSL 1230 FWL (or a location in Lot 4)</b>	<b>OBJECTIVE:</b>	<b>DRILL &amp; COMPLETE</b>
<b>FORMATION:</b>	<b>Wolfbone Pool</b>	<b>DEPTH:</b>	<b>23,334</b>
<b>LEGAL:</b>	<b>Sec 31: 24S-35E</b>	<b>TVD:</b>	<b>12,865</b>

		<b>Drig - Rig Release(D)</b>	<b>Completion(C)</b>	<b>Tank Bty. Constrctn(TB)</b>	<b>Pmpg. Equipment(PEQ)</b>	<b>TOTAL</b>
<b>INTANGIBLE COSTS</b>						
Title/Curative/Permit	201					0
Insurance	202		302			0
Damages/Right of Way	203		303			1,000
Survey/State Location	204		67,000	361	1,000	67,000
Location/Plat/Road Expense	205	160,000	10,000	363	26,000	216,000
Drilling / Completion Overhead	206	14,100	15,000			29,100
Turnkey Contract	207	0	1,070,000			1,070,000
Footage Contract	208	0	434,000			434,000
Daywork Contract	209	1,160,000	210,000			1,360,000
Directional Drilling Services	210	635,000	347,000			882,000
Fuel & Power	211	237,000	68,000	364	367	305,000
Water	212	100,000	551,000		368	651,000
Bits	213	184,000			369	184,000
Mud & Chemicals	214	446,500			370	446,500
Drill Stem Test	215	0	550,000			550,000
Coring & Analysis	216	0				0
Cement Surface	217	27,900				27,900
Cement Intermediate	218	83,700				83,700
Cement 2nd Intermediate/Production	219	116,300				116,300
Cement Squeeze & Other (Kickoff Plug)	220	0			371	0
Float Equipment & Centralizers	221	70,000				70,000
Casing Crews & Equipment	222	80,000				80,000
Fishing Tools & Service	223	0	323		372	0
Geologic/Engineering	224	15,000	324	365	373	15,000
Contract Labor	225	6,500	20,000	368	6,500	193,000
Company Supervision	226	84,600	15,000	367	3,000	102,600
Contract Supervision	227	191,000	295,000	369	5,000	491,000
Testing Casing/Tubing	228	40,000	5,000		377	45,000
Mud Logging Unit	229	71,000	85,000			136,000
Logging	230	0			378	0
Perforating/Wireline Services	231	0	404,000		379	404,000
Stimulation/Treating			32		380	0
Completion Unit			33		381	10,000
Swabbing Unit			34		382	0
Rentals-Surface	235	282,000	338	369	383	289,000
Rentals-Subsurface	236	164,500	336		384	164,500
Trucking/Forklift/Rig Mobilization	237	265,000	20,000	380	385	285,000
Welding Services	238	16,000	338	361	386	21,000
Water Disposal	239		60,000	362	387	260,000
Plug to Abandon	240					0
Seismic Analysis	241		341			0
Miscellaneous	242		342		389	0
Contingency	243	99,000	200,000	383	390	299,000
Closed Loop & Environmental	244	517,000	344	384	388	517,000
Fuel - Diesel	245		402,000			495,000
Coil Tubing			495,000			495,000
Flowback Crews & Equip			347			0
Offset Directional/Frac	248		348			0
<b>TOTAL INTANGIBLES</b>		<b>4,976,100</b>	<b>5,311,000</b>	<b>390,000</b>	<b>31,500</b>	<b>10,306,600</b>
<b>TANGIBLE COSTS</b>						
Surface Casing	401	45,000				45,000
Intermediate Casing	402	443,000				443,000
Production Casing/Liner	403	458,000				458,000
Tubing			82,000		530	82,000
Wellhead Equipment	405	75,000	22,000		531	100,000
Pumping Unit					508	98,000
Prime Mover					507	0
Rods					508	65,000
Pumps-Sub Surface (BH)					532	5,500
Tanks				510		45,000
Flowlines				511		20,000
Heater Treater/Separator				512		145,000
Electrical System				513		108,000
Packers/Anchors/Hangers	414		66,000		534	66,000
Couplings/Fittings/Valves	415			518		170,000
Gas Lift/Compression				516		28,000
Dehydration				517		0
Injection Plant/CO2 Equipment				518		0
Pumps-Surface				521		20,000
Instrumentation/SCADA/POC				522	529	7,000
Miscellaneous	419		519	523	535	18,000
Contingency	420		520	524	536	0
Meters/LACT				525		20,000
Flares/Combusters/Emission				526		24,000
<b>TOTAL TANGIBLES</b>		<b>1,021,000</b>	<b>140,000</b>	<b>610,000</b>	<b>213,500</b>	<b>1,984,500</b>
<b>TOTAL WELL COSTS</b>		<b>5,997,100</b>	<b>5,451,000</b>	<b>1,000,000</b>	<b>245,000</b>	<b>12,291,100</b>

<b>COG Operating LLC</b>	<b>% of Total Well Cost</b>	<b>49%</b>	<b>44%</b>	<b>8%</b>	<b>2%</b>
--------------------------	-----------------------------	------------	------------	-----------	-----------

Date Prepared: \_\_\_\_\_

We approve: \_\_\_\_\_ COG Operating LLC

% 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.



October 1, 2019

U.S. Certified Mail

**Marathon Oil Permian, LLC**  
**5555 San Felipe Street**  
**Houston, TX 77056**

**Re: Well Proposal – Stove Pipe Federal Com #706H**  
Sec 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) - T25S-R35E  
Sec 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E  
SHL: 270 FSL/360 FWL, or a location in Sec 31 - T24S-R35E  
BHL: 50 FSL/825 FWL, or a location in Sec 7 - T25S-R35E  
Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, proposes to drill the Stove Pipe Federal Com #706H well as a horizontal well at the above-captioned location to a TVD of approximately 12,550' and a MD of 22,948' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$11,850,000.00 and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill this well under the attached order granted by the NMOCD (Order #R-20766). Please make your election by signing the attached AFE and prepaying your share of the cost within 30 days of receipt of the AFE herein. Failure to prepay or lack of response will be deemed a non-consent election pursuant to the enclosed order.

If you have any questions, please do not hesitate to contact the undersigned at (432) 685-2588.

Respectfully,

**COG OPERATING LLC**

A handwritten signature in cursive script that reads "Megan L. Tipton".

**Megan Tipton**  
**Landman**

**COG OPERATING LLC  
AUTHORITY FOR EXPENDITURE  
DRILLING**

<b>WELL NAME:</b>	<b>Stove Pipe Federal Com 706H</b>	<b>PROSPECT NAME:</b>	<b>Bulldog 2535 (717109)</b>
<b>SHL:</b>	<b>SEC 31: 270 FSL 360 FWL (or a location in Lot 4)</b>	<b>STATE &amp; COUNTY:</b>	<b>New Mexico, Lea</b>
<b>BHL:</b>	<b>SEC 7: 50 FSL 825 FWL (or a location in Lot 4)</b>	<b>OBJECTIVE:</b>	<b>DRILL &amp; COMPLETE</b>
<b>FORMATION:</b>	<b>Wolfbone Pool</b>	<b>DEPTH:</b>	<b>22,948</b>
<b>LEGAL:</b>	<b>Sec 31: 24S-35E</b>	<b>TVD:</b>	<b>12,550</b>

		<b>Drig - Rig Release(D)</b>	<b>Completion(C)</b>	<b>Tank Btty Constrctn(TB)</b>	<b>Pmpg Equipment(PEQ)</b>	<b>TOTAL</b>
<b>INTANGIBLE COSTS</b>						
Title/Curative/Permit	201					0
Insurance	202		302			0
Damages/Right of Way	203		303	351 1,000		1,000
Survey/Stake Location	204		67,000	352		67,000
Location/Pits/Road Expense	205	180,000	305 10,000	353 26,000	366	216,000
Drilling / Completion Overhead	206	12,600	306 15,000			27,600
Turnkey Contract	207	0	307 1,070,000			1,070,000
Footage Contract	208	0	308 434,000			434,000
Daywork Contract	209	1,035,000	309 210,000			1,245,000
Directional Drilling Services	210	490,000	310 347,000			837,000
Fuel & Power	211	212,000	311 68,000	354	367	280,000
Water	212	85,000	312 551,000		368	636,000
Bits	213	162,000	313		369	162,000
Mud & Chemicals	214	378,000	314		370	378,000
Drill Stem Test	215	0	315 550,000			550,000
Coring & Analysis	216	0				0
Cement Surface	217	27,900				27,900
Cement Intermediate	218	83,700				83,700
Cement 2nd Intermediate/Production	219	116,300				116,300
Cement Squeeze & Other (Kickoff Plug)	220	0			371	0
Float Equipment & Centralizers	221	70,000				70,000
Casing Crews & Equipment	222	80,000				80,000
Fishing Tools & Service	223	0	323		372	0
Geologic/Engineering	224	12,000	324	355	373	12,000
Contract Labor	225	6,500	325 20,000	356 160,000	374 6,500	193,000
Company Supervision	226	76,000	326 15,000	357 3,000	375 0	94,000
Contract Supervision	227	172,000	327 295,000	358	376 5,000	472,000
Testing Casing/Tubing	228	50,000	328 5,000		377	55,000
Mud Logging Unit	229	64,000	329 68,000			132,000
Logging	230	0			378	0
Perforating/Wireline Services	231	0	331 404,000		379	404,000
Stimulation/Treating			332 0		380	0
Completion Unit			333 0		381 10,000	10,000
Swabbing Unit			334		382 0	0
Rentals-Surface	235	252,000	335	359	383 7,000	259,000
Rentals-Subsurface	236	147,000	336 0		384 0	147,000
Trucking/Forklift/Rig Mobilization	237	265,000	337 20,000	360	385 3,000	288,000
Welding Services	238	16,000	338 5,000	361	386	21,000
Water Disposal	239		339 60,000	362 200,000	387	260,000
Plug to Abandon	240		340			0
Seismic Analysis	241		341			0
Miscellaneous	242		342		389	0
Contingency	243	91,000	343 200,000	363	390	291,000
Closed Loop & Environmental	244	462,000	344 0	364	388	462,000
Fuel - Diesel	245		345 402,000			402,000
Coil Tubing			346 495,000			495,000
Flowback Crews & Equip			347 0			0
Offset Directional/Frac	248		348			0
<b>TOTAL INTANGIBLES</b>		<b>4,546,000</b>	<b>5,311,000</b>	<b>380,000</b>	<b>31,500</b>	<b>9,876,500</b>
<b>TANGIBLE COSTS</b>						
Surface Casing	401	45,000				45,000
Intermediate Casing	402	436,000				436,000
Production Casing/Liner	403	454,000				454,000
Tubing			504 52,000		530 10,000	62,000
Wellhead Equipment	405	75,000	505 22,000		531 3,000	100,000
Pumping Unit					506 98,000	98,000
Prime Mover					507 0	0
Rods					508 65,000	65,000
Pumps-Sub Surface (BH)			509		532 5,500	5,500
Tanks				510 45,000		45,000
Flowlines				511 20,000		20,000
Heater Treater/Separator				512 145,000		145,000
Electrical System				513 108,000	533 20,000	128,000
Packers/Anchors/Hangers	414		514 66,000		534 2,000	68,000
Couplings/Fittings/Valves	415			515 170,000		170,000
Gas Lift/Compression				516 28,000		28,000
Dehydration				517 0		0
Injection Plant/CO2 Equipment				518 0		0
Pumps-Surface				521 20,000		20,000
Instrumentation/SCADA/POC				522 15,000	529 7,000	22,000
Miscellaneous	419		519	523 15,000	535 3,000	18,000
Contingency	420		520	524 0	536	0
Meters/LACT				525 20,000		20,000
Fires/Combusters/Emission				526 24,000		24,000
<b>TOTAL TANGIBLES</b>		<b>1,010,000</b>	<b>140,000</b>	<b>610,000</b>	<b>213,500</b>	<b>1,973,500</b>
<b>TOTAL WELL COSTS</b>		<b>5,556,000</b>	<b>5,451,000</b>	<b>1,000,000</b>	<b>245,000</b>	<b>11,850,000</b>

COG Operating LLC

% of Total Well Cost

47%

46%

8%

2%

Date Prepared:

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.





October 1, 2019

U.S. Certified Mail

**Marathon Oil Permian, LLC**  
**5555 San Felipe Street**  
**Houston, TX 77056**

Re: **Well Proposal – Stove Pipe Federal Com #707H**  
Sec 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) - T25S-R35E  
Sec 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E  
SHL: 270 FSL/330 FWL, or a location in Sec 31 - T24S-R35E  
BHL: 50 FSL/330 FWL, or a location in Sec 7 - T25S-R35E  
Lea County, New Mexico

Dear Sir/Madam:

COG Operating LLC (COG), as Operator, proposes to drill the Stove Pipe Federal Com #707H well as a horizontal well at the above-captioned location to a TVD of approximately 12,865' and a MD of 23,400' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$12,291,100.00 and a detailed description of the cost is set out in the enclosed Authority for Expenditure ("AFE").

COG is proposing to drill this well under the attached order granted by the NMOCD (Order #R-20766). Please make your election by signing the attached AFE and prepaying your share of the cost within 30 days of receipt of the AFE herein. Failure to prepay or lack of response will be deemed a non-consent election pursuant to the enclosed order.

If you have any questions, please do not hesitate to contact the undersigned at (432) 685-2588.

Respectfully,

**COG OPERATING LLC**

A handwritten signature in cursive script that reads "Megan L. Tipton".

**Megan Tipton**  
**Landman**

**COG OPERATING LLC  
AUTHORITY FOR EXPENDITURE  
DRILLING**

WELL NAME:	Stove Pipe Federal Com 707H	PROSPECT NAME:	Bulldog 2535 (717109)
SHL:	SEC 31: 270 FSL 330 FWL (or a location in Lot 4)	STATE & COUNTY:	New Mexico, Lea
BHL:	SEC 7: 50 FSL 330 FWL (or a location in Lot 4)	OBJECTIVE:	DRILL & COMPLETE
FORMATION:	Wolfbone Pool	DEPTH:	23,400
LEGAL:	Sec 31: 24S-35E	TVD:	12,865

	Drill - Rig Release(D)	Completion(C)	Tank Btty Constructn(TB)	Pmpg Equipment(PEQ)	TOTAL
INTANGIBLE COSTS					
Title/Curative/Permit	201				0
Insurance	202	302			0
Damages/Right of Way	203	303	351 1,000		1,000
Survey/Stake Location	204		352 67,000		67,000
Location/Plts/Road Expense	205	180,000 305	353 10,000	366 26,000	216,000
Drilling / Completion Overhead	206	14,100 306			29,100
Turnkey Contract	207	0 307	1,070,000		1,070,000
Footage Contract	208	0 308	434,000		434,000
Daywork Contract	209	1,150,000 309	210,000		1,360,000
Directional Drilling Services	210	535,000 310	347,000		882,000
Fuel & Power	211	237,000 311	68,000 354	367	305,000
Water	212	100,000 312	551,000	368	651,000
Bits	213	184,000 313		369	184,000
Mud & Chemicals	214	446,500 314		370	446,500
Drill Stem Test	215	0 315	550,000		550,000
Coring & Analysis	216	0			0
Cement Surface	217	27,900			27,900
Cement Intermediate	218	83,700			83,700
Cement 2nd Intermediate/Production	219	116,300			116,300
Cement Squeeze & Other (Kickoff Plug)	220	0		371	0
Float Equipment & Centralizers	221	70,000			70,000
Casing Crews & Equipment	222	80,000			80,000
Fishing Tools & Service	223	0 323		372	0
Geologic/Engineering	224	15,000 324		373	15,000
Contract Labor	225	6,500 325	20,000 355	374 160,000	193,000
Company Supervision	226	84,500 326	15,000 357	375 3,000	102,500
Contract Supervision	227	191,000 327	295,000 358	376 5,000	491,000
Testing Casing/Tubing	228	40,000 328	5,000	377	45,000
Mud Logging Unit	229	71,000 329	68,000		139,000
Logging	230	0		378	0
Perforating/Wireline Services	231	0 331	404,000	379	404,000
Stimulation/Treating		332 0		380	0
Completion Unit		333 0		381 10,000	10,000
Swabbing Unit		334		382 0	0
Rentals-Surface	235	282,000 335	359	383 7,000	289,000
Rentals-Subsurface	236	164,500 336	0	384 0	164,500
Trucking/Forklift/Rig Mobilization	237	265,000 337	20,000 360	385 3,000	288,000
Welding Services	238	16,000 338	5,000 361	386	21,000
Water Disposal	239		60,000 362	387 200,000	260,000
Plug to Abandon	240				0
Seismic Analysis	241				0
Miscellaneous	242			389	0
Contingency	243	99,000 343	200,000 363	390	299,000
Closed Loop & Environmental	244	517,000 344	0 364	388	517,000
Fuel - Diesel	245		402,000		
Coil Tubing		346 495,000			495,000
Flowback Crews & Equip		347 0			0
Offset Directional/Frac	248				0
TOTAL INTANGIBLES		4,976,100	5,311,000	390,000 31,500	10,308,600
TANGIBLE COSTS					
Surface Casing	401	45,000			45,000
Intermediate Casing	402	443,000			443,000
Production Casing/Liner	403	458,000			458,000
Tubing		504 52,000		530 10,000	62,000
Wellhead Equipment	405	75,000 505	22,000	531 3,000	100,000
Pumping Unit				506 98,000	98,000
Prime Mover				507 0	0
Rods				508 65,000	65,000
Pumps-Sub Surface (BH)		509		532 5,500	5,500
Tanks			510 45,000		45,000
Flowlines			511 20,000		20,000
Heater Treater/Separator			512 145,000		145,000
Electrical System			513 108,000	533 20,000	128,000
Packers/Anchors/Hangers	414	514 65,000		534 2,000	68,000
Couplings/Fittings/Valves	415		515 170,000		170,000
Gas Lift/Compression			516 28,000		28,000
Dehydration			517 0		0
Injection Plant/CO2 Equipment			518 0		0
Pumps-Surface			521 20,000		20,000
Instrumentation/SCADA/POC			522 15,000	529 7,000	22,000
Miscellaneous	419	519	523 15,000	535 3,000	18,000
Contingency	420	520	524 0	536	0
Meters/LACT			525 20,000		20,000
Flares/Combustors/Emission			526 24,000		24,000
TOTAL TANGIBLES		1,021,000	140,000 610,000	213,500	1,984,500
TOTAL WELL COSTS		5,997,100	5,451,000	1,000,000 245,000	12,291,100

COG Operating LLC

% of Total Well Cost

49%

44%

8%

2%

Date Prepared:

COG Operating LLC

We approve:  
% Working Interest

By: DWO

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.

**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. 20527 (Re-opened)  
ORDER NO. R-20766**

**AFFIDAVIT OF CODY BACON**

Cody Bacon, of lawful age and being first duly sworn, declares as follows:

1. My name is Cody Bacon. I work for 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. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record.
3. I am familiar with the application filed by COG to re-open this case, and I have conducted a geologic study of the targeted intervals within the Bone Spring and Wolfcamp formations underlying the subject acreage.
4. As presented at hearing on July 25, 2019, COG is targeting what is known as the Wolfbone Pool, in both the Bone Spring and Wolfcamp formations, with its proposed wells in this re-opened case. While the pool and spacing unit remain the same, COG's development plan and well spacing has changed.
5. **COG Exhibit No. B-1** is a project locator map showing the location of the proposed spacing unit in this case and the path of the proposed wellbores for each of the five wells depicted by red and purple dashed lines.
6. **COG Exhibit No. B-2** is a subsea structure map that I prepared for the base of the Third Bone Spring Sand that is representative of the targeted interval within the Bone Spring

**BEFORE THE OIL CONSERVATION DIVISION**  
Santa Fe, New Mexico  
**Exhibit No. B**  
Submitted by: **COG OPERATING, LLC**  
Hearing Date: December 12, 2019  
Case No. 20527 (re-opened)

formation. The proposed **Stove Pipe Federal Com #601H well** and **Stove Pipe Federal Com #706H well** are depicted by purple dashed lines. Existing producing wells in the Third Bone Spring Sand are represented by solid purple lines. The structure map shows that the formation is gently dipping to the west in this area. I do not observe any faulting, pinchouts, or other geologic impediments to developing the targeted interval with a horizontal well in this area.

7. **COG Exhibit No. B-3** is a subsea structure map that I prepared for the top of the Wolfcamp that is representative of the targeted interval within the Wolfcamp formation. The proposed **Stove Pipe Federal Com #702H well**, **Stove Pipe Federal Com #603H well** (formerly the Stove Pipe Federal Com #704H well), and **Stove Pipe Federal Com #707H well** are depicted by red dashed lines. Existing producing wells in the Wolfcamp Shale are represented by solid red lines. The structure map shows that the formation is gently dipping to the west in this area. I do not observe any faulting, pinchouts, or other geologic impediments to developing the targeted interval with a horizontal well in this area.

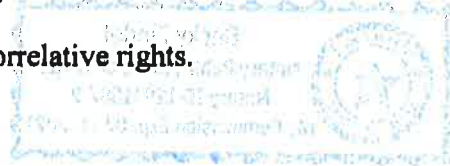
8. **COG Exhibit No. B-4** overlays a cross-section line in green consisting of three wells penetrating the Bone Spring and Wolfcamp formations that I used to construct a stratigraphic cross-section from A to A'. I consider these wells to be representative of the geology in the area.

9. **COG Exhibit No. B-5** is a cross section using the representative wells depicted on Exhibit B-4. Each well in the cross-section contains gamma ray, resistivity, and porosity logs. The proposed target intervals in the Third Bone Spring Sand and Wolfcamp Shale are labeled and depicted as the lateral interval on the exhibit. The cross-section demonstrates that the targeted interval extends across the proposed spacing unit.

10. In my opinion the stand-up orientation of the proposed well is the preferred orientation for horizontal well development in this area and is appropriate to efficiently and effectively develop the subject acreage.

11. Based on my geologic study, the Wolfbone, within the Bone Spring and Wolfcamp formations, underlying the subject area, including the targeted Third Bone Spring Sand and Wolfcamp Shale, are suitable for development by horizontal wells, and the acreage comprising the proposed spacing unit will contribute more-or-less equally to the production from the wellbore.

12. In my opinion, the granting of COG's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.



5/5/15

FURTHER AFFIANT SAYETH NOT.

M. Cody Bacon  
CODY BACON

STATE OF TEXAS )  
COUNTY OF Midland )

SUBSCRIBED and SWORN to before me this 9th day of December 2019 by  
Cody Bacon.

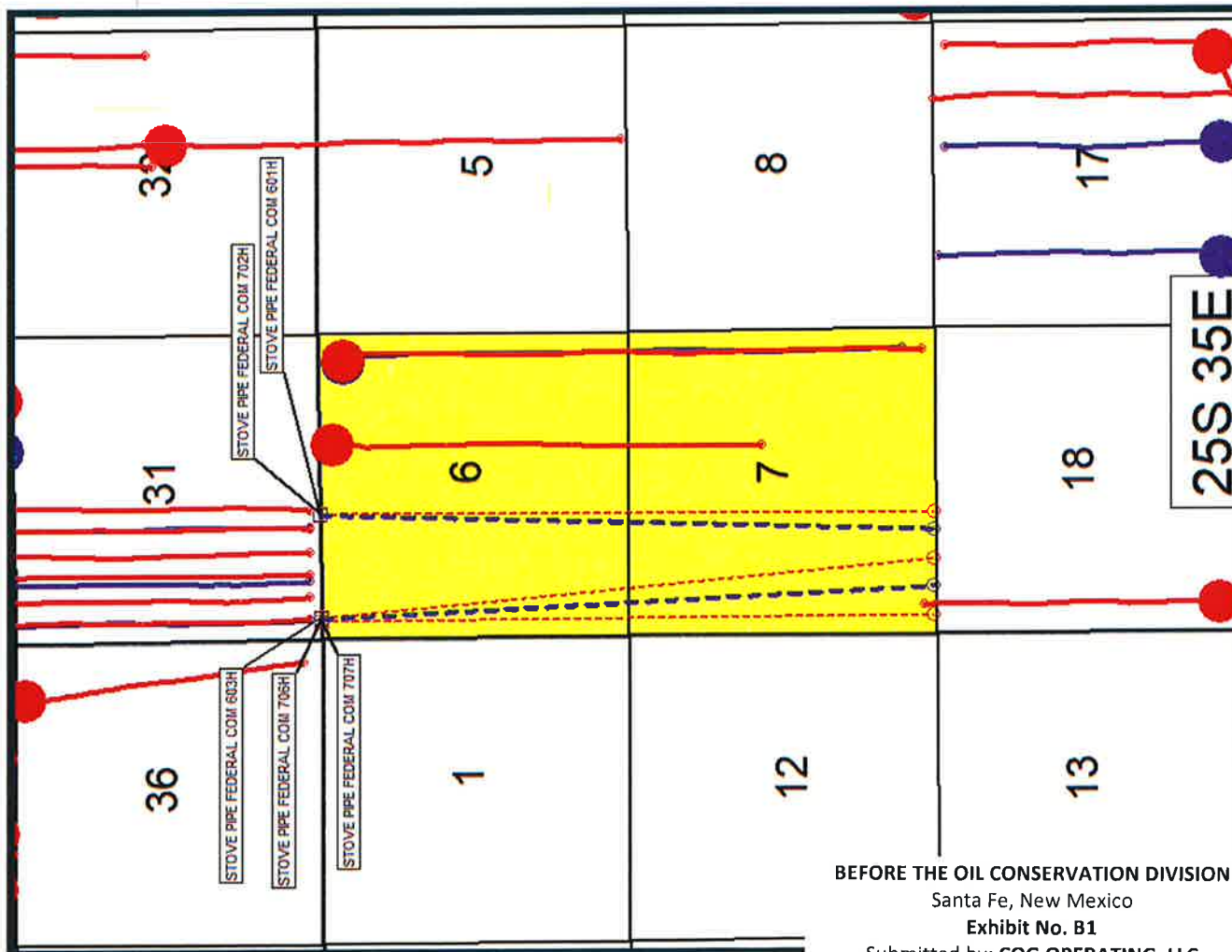


Becky Zindel  
NOTARY PUBLIC

My Commission Expires:

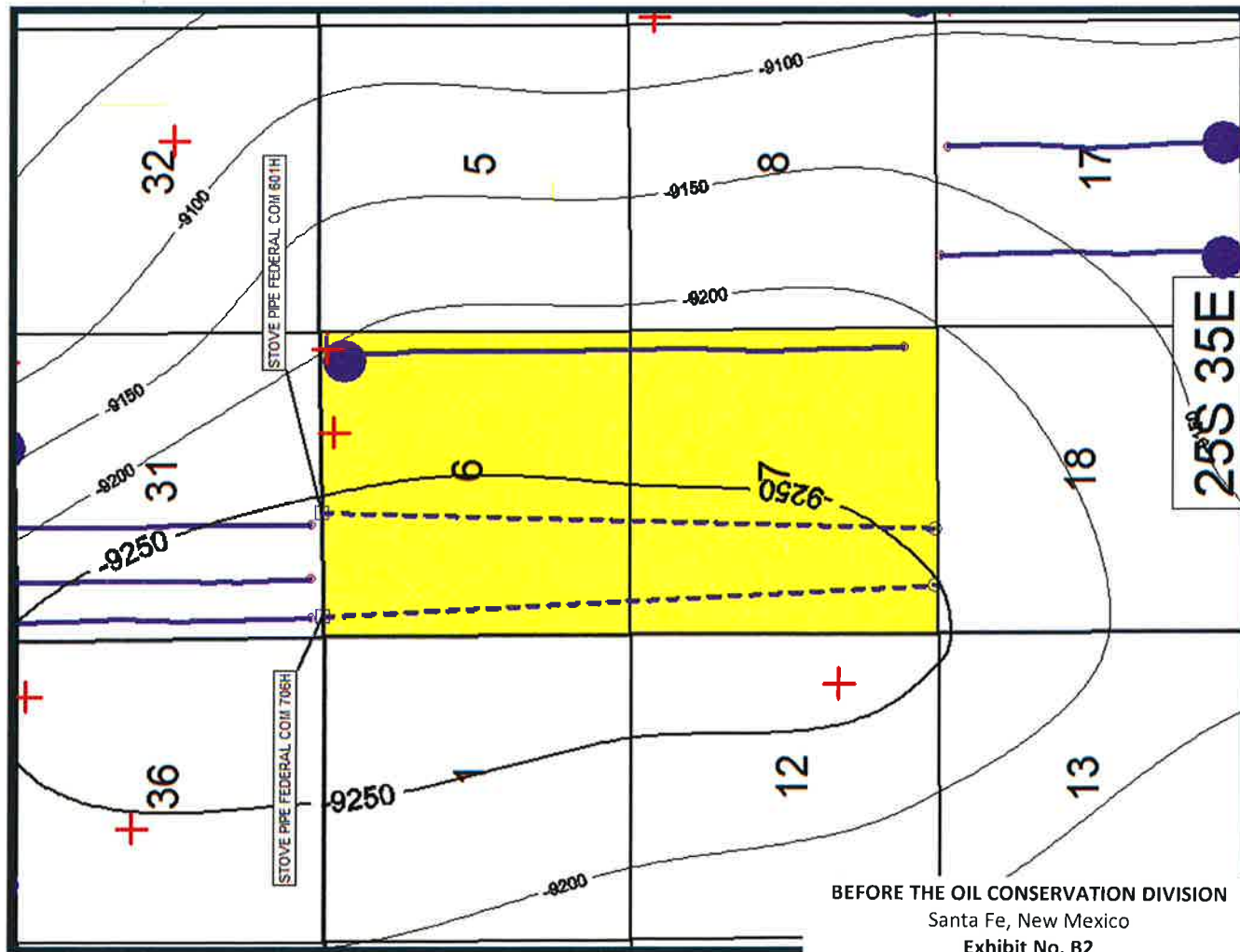
7/10/21

Stove Pipe Federal Com  
601H, 603H, 702H, 706H, 707H



Map Legend





## Map Legend

SHL

COG – 3<sup>RD</sup> Bone Spring Horizontal  
Location

BHL

Producing 3<sup>RD</sup> Bone Spring Wells

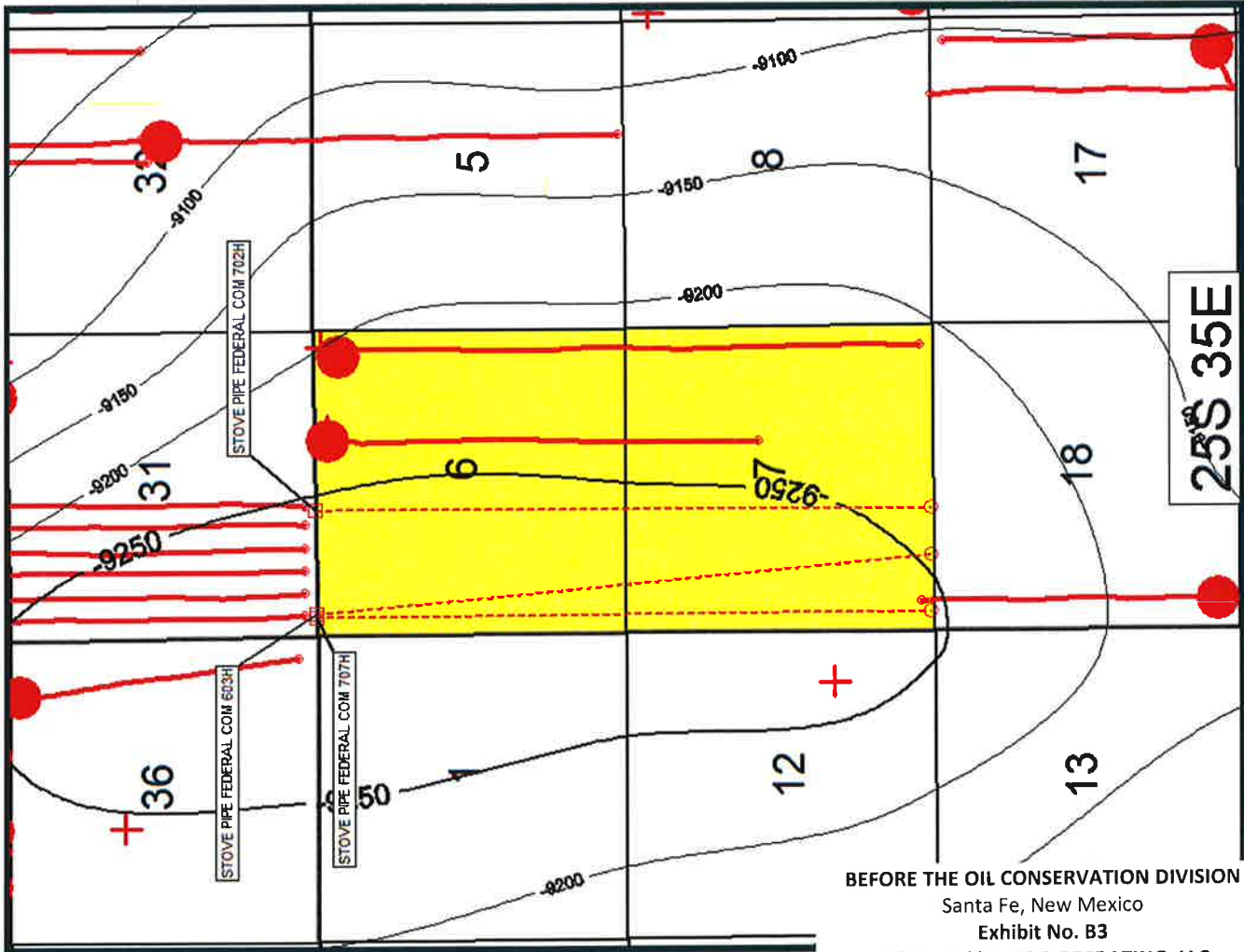
WFMP Structure  
CI: 50'

Data point

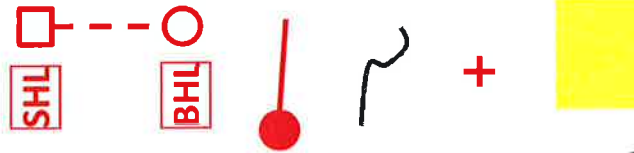
COG Acreage



Stove Pipe Federal Com  
603H, 702H, 707H



Map Legend



BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. B3

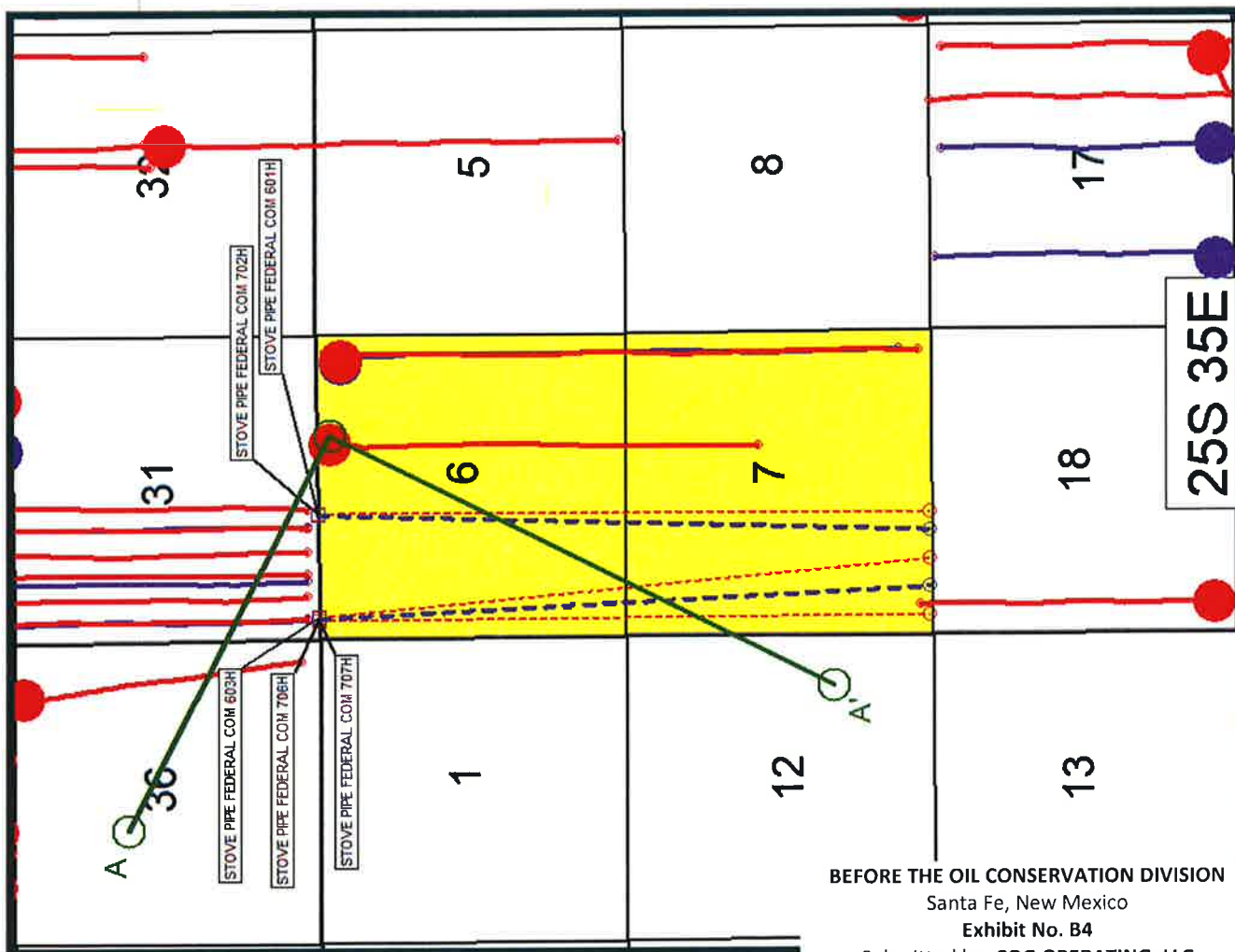
Submitted by: COG OPERATING, LLC

Hearing Date: December 12, 2019

Case No. 20527 (re-opened)



Stove Pipe Federal Com  
601H, 603H, 702H, 706H, 707H

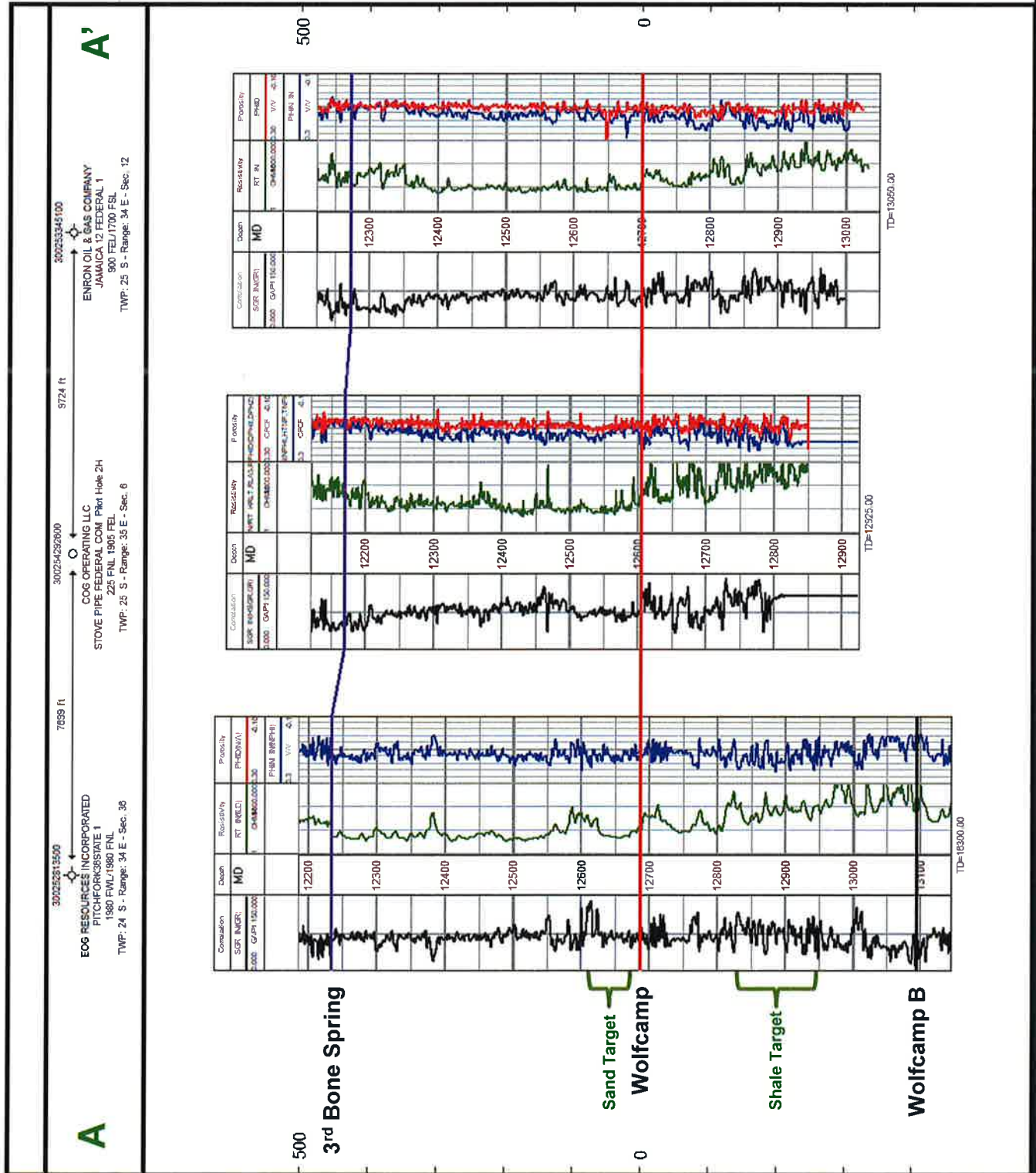


Map Legend

- SHL COG – Wolfcamp Horizontal Location
- BHL
- Producing Wolfcamp Wells
- SHL COG – 3<sup>RD</sup> Bone Spring Horizontal Location
- BHL
- Producing 3<sup>rd</sup> Bone Spring Wells
- Cross Section Line
- COG Acreage

# Stratigraphic Cross Section A - A'

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. B5  
Submitted by: COG OPERATING, LLC  
Hearing Date: December 12, 2019  
Case No. 20527 (re-opened)



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

**APPLICATION OF COG OPERATING  
LLC TO REOPEN CASE NO. 20527 TO  
AMEND COMPULSORY POOLING  
ORDER NO. R-20766, LEA COUNTY,  
NEW MEXICO.**

**CASE NO. 20527 (Re-Opened)**

**AFFIDAVIT**


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

Kaitlyn A. Luck, attorney in fact and authorized representative of COG Operating LLC,  
the Applicant herein, being first duly sworn, upon oath, states that the above-referenced  
Application has been provided under the notice letters and proof of receipts attached hereto.



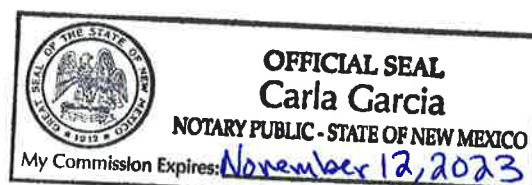
Kaitlyn A. Luck

SUBSCRIBED AND SWORN to before me this 11th day of December, 2019 by Kaitlyn  
A. Luck.

  
\_\_\_\_\_  
Notary Public

My Commission Expires:

November 12, 2023



**BEFORE THE OIL CONSERVATION DIVISION**

Santa Fe, New Mexico

Exhibit No. C

Submitted by: **COG OPERATING, LLC**

Hearing Date: December 12, 2019

Case No. 20527 (re-opened)





November 20, 2019

**VIA CERTIFIED MAIL**  
**CERTIFIED RECEIPT REQUESTED**

**TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS**

**Re: Application of COG Operating, LLC to Re-Open Case No. 20527 to Amend  
Compulsory Pooling Order No. R-20766, Lea County, New Mexico.  
Stove Pipe Federal Com #601H, 603H, #702H, 706H, 707H 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 December 12, 2019, and the status of the hearing can be monitored through the Division's website at <http://www.emnrd.state.nm.us/ocd/>. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. 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,

Kaitlyn A. Luck  
**ATTORNEY FOR COG OPERATING LLC**

Tracking Number	Recipient	Status
9214890194038399758348	The Estates of Georgia Mosely Eddie Mae Mosely Jewell Hosford & Richard G Hosford c/o Diann Hosford 1528 Shady Oaks Glen Rose TX 76043	Delivered Signature Received
9214890194038399758355	The Estates of Georgia Mosely Shirley Sue Mosely & Eddie Mae Mosley c/o Elizabeth Hogan 6887 Valley Brook Dr Frisco TX 75035	In-Transit
9214890194038399758362	Pivotal Permian Basin II LLC 2021 McKinney Ave Suite 1250 Dallas TX 75201	In-Transit
9214890194038399757938	ONY Y-J Company 5 Greenway Plaza Suite 110 Houston TX 77046-0521	Delivered Signature Received
9214890194038399757945	Marathon Oil Permian LLC 5555 San Felipe Street Houston TX 77056	Delivered Signature Received
9214890194038399757952	Qark Royalty Company LLC 3652 Northwood Dr Memphis TN 38111	Delivered Signature Received
9214890194038399757969	Noroma Energy LLC PO BOX 5443 Austin TX 78763	Delivered Signature Received
9214890194038399757976	The Estates of Barney L Alsobrook Russell Kirby & Erma Kirby The Estate of Judith A Greene c/o Scott Reed Greene 200 Old Schoolhouse Rd Beebe AR 72012-9204	Return To Sender
9214890194038399757983	The Estates of Barney L Alsobrook Russell Kirby & Erma Kirby c/o Michael Edwin Thompson 600 Erath St Waco TX 76710-4622	In-Transit
9214890194038399757990	The Estates of Barney L Alsobrook Russell Kirby & Erma Kirby The Estate of Judith A Greene c/o Scott Reed Greene 3500 Springhill #200 North Little Rock AR 72117	Return To Sender
9214890194038399758003	The Estates of Barney L Alsobrook Russell Kirby & Erma Kirby c/o Elizabeth Alsobrook Schuler 4401 Wellington Rd Boulder CO 80301-3157	Delivered Signature Received
9214890194038399758010	The Estates of Barney L Alsobrook Russell Kirby & Erma Kirby c/o Jonathan Barney Alsobrook 4401 Sombra Circle Littleton CO 80123-1417	Delivered Signature Received
9214890194038399758027	The Estates of Barney L Alsobrook Russell Kirby & Erma Kirby c/o Stephen Reed Alsobrook 1126 South Quinman St Denver CO 80219-3740	Delivered Signature Received
9214890194038399758034	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Scott Gary Mason 6421 Turret Dr Colorado Springs CO 80918-3222	Delivered Signature Received
9214890194038399758041	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Bruce Mason 3905 Oneal St Greenville TX 75401-5035	Delivered Signature Received
9214890194038399758058	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Ozark Royalty Company LLC 3652 Northwood Dr Memphis TN 38111	Delivered Signature Received
9214890194038399758065	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Noroma Energy LLC PO BOX 5443 Austin TX 78763	Delivered Signature Received
9214890194038399758072	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Paula Kathryn Warren 3447 East Harvard Ave Gilbert AZ 85234	Delivered Signature Received
9214890194038399758089	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Stephanie Page Baird 736 Mulberry Ln Denton TX 75115	Delivered Signature Received
9214890194038399758096	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Lisa Loving Thompson 1659 Creekside Drive Schulake TX 76092	In-Transit
9214890194038399758102	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird Jettstream Royalty Partners LP 105 Nursery Lane Suite 220 Fort Worth TX 76114	Delivered Signature Received
9214890194038399758119	The Estate of Willie Margaret Lain Baird c/o Chisos Minerals LLC 1111 Bagby St Ste 2150 Houston TX 77002	Delivered Signature Received
9214890194038399758126	The Estate of Willie Margaret Lain Baird c/o Dan Thompson 12107 Lueders Ln Dallas TX 75230	In-Transit
9214890194038399758133	The Estate of Willie Margaret Lain Baird c/o Tilden Capital Minerals LLC PO BOX 470857 Fort Worth TX 76147	Delivered Signature Received
9214890194038399758140	The Estate of Willie Margaret Lain Baird c/o GGM Exploration Inc PO BOX 123610 Fort Worth TX 76121	Delivered Signature Received
9214890194038399758157	The Estate of Willie Margaret Lain Baird c/o Pegasus Resources LLC PO BOX 470698 Fort Worth TX 76147	Delivered Signature Received
9214890194038399758164	The Estate of Willie Margaret Lain Baird c/o TD Minerals LLC 8111 Westchester Drive Suite 900 Dallas TX 75225	Delivered Signature Received
9214890194038399758171	The Estate of Willie Margaret Lain Baird c/o Charlotte Lain McGhee 305 East 18th Street Littlefield TX 79339	In-Transit
9214890194038399758188	The Estate of Willie Margaret Lain Baird c/o Betty Ruth Lain Patterson 43195 Fringewood Dr #W836 Whitney TX 76692	Delivered Signature Received
9214890194038399758195	The Estate of Willie Margaret Lain Baird c/o Georgia Ann Lain McGhee 4302 Sansaba Court Plain TX 75074	Delivered Signature Received
9214890194038399758201	The Estates of Rubedick K Hawes Hugh Rust Hawes Jr & Peggy Joyce Caull Hawes c/o Hugh R Hawes IV PO BOX 528 Pierce TX 77467	In-Transit
9214890194038399758218	The Estates of Madge Ferrel John H Ferrel & J D Ferrel c/o PCB LLC 2600 Museum Way Unit 1102 Fort Worth TX 75107	Return To Sender
9214890194038399758225	The Estates of Madge Ferrel John H Ferrel & J D Ferrel c/o PCB LLC 150 Boland St Apt 308 Fort Worth TX 76107	Return To Sender
9214890194038399758232	The Estates of Madge Ferrel John H Ferrel & J D Ferrel c/o Flatland Mineral Fund LP 4925 Greenville Avenue Suite 1100 Dallas TX 75206	Delivered Signature Received
9214890194038399758249	The Estates of Madge Ferrel John H Ferrel & J D Ferrel c/o Flatland Sidecar LLC 4925 Greenville Avenue Suite 1100 Dallas TX 75206	Delivered Signature Received
9214890194038399758256	The Estates of Madge Ferrel John H Ferrel & J D Ferrel c/o Bringham Minerals LLC 5914 W Courtyard Dr Ste 100 Austin TX 78730	Delivered Signature Received
9214890194038399758263	The Estates of Georgia Mosely Eddie Mae Mosley & Guy Neal c/o Peggy Neal Marquez 306 NE 35th Grand Prairie TX 75050	Delivered Signature Received
9214890194038399758270	The Estates of Georgia Mosely Eddie Mae Mosley & Evelyn Gentry c/o Mitchell & Carol Cappadonna 1523 Neal Road Tonkall TX 77375	In-Transit
9214890194038399758287	The Estates of Georgia Mosely Eddie Mae Mosley & Evelyn Gentry c/o Mitchell Cappadonna PO BOX 56 La Ward TX 77370	Delivered Signature Received
9214890194038399758294	The Estates of Georgia Mosely Eddie Mae Mosley & Evelyn Gentry c/o Carol Cappadonna PO BOX 56 La Ward TX 77370	Delivered Signature Received
9214890194038399758300	The Estate of Georgia Mosely & Jewell Hosford c/o Ruth Vaughn 1405 Glasier Carlsbad NM 88220	Delivered Signature Received
9214890194038399758317	The Estates of Georgia Mosely Eddie Mae Mosely Jewell Hosford & Richard G Hosford c/o Barry Hosford 3050 Harrell Dr Apt 131 Grand Prairie TX 75052	In-Transit
9214890194038399758324	The Estates of Georgia Mosely Eddie Mae Mosely Jewell Hosford & Richard G Hosford c/o Michael Hosford 307 W 7th St 1203 Fort Worth TX 76102	Return To Sender
9214890194038399758331	The Estates of Georgia Mosely Eddie Mae Mosely Jewell Hosford & Richard G Hosford c/o Bruce Hosford 1102 Glenwich Lane Irving TX 75060	In-Transit



\$5.60 x 44 = \$246.40

## 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 - Stove Pipe 601H, 702H, 603H, 704H, 706H, 707H  
Case No. 20527  
CM# 51500.0010

Shipment Date: 11/20/2019

Shipped From:

Name: HOLLAND & HART LLP

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	44
Total	44

\*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 0018 5223 95





Firm #

Name and Address of Sender		Check type of mail or service	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 COD
Holland & Hart LLP 110 N Guadalupe St # 1 Santa Fe NM 87501		<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					
1.	9214 8901 9403 8399 7579 38	OXY Y-1 Company 5 Greenway Plaza Suite 110 Houston TX 77046-0521	0.50	3.50	Handling Charge - if Registered and over \$50,000 in value			
2.	9214 8901 9403 8399 7579 45	Marathon Oil Permian LLC 5555 San Felipe Street Houston TX 77056	0.50	3.50				
3.	9214 8901 9403 8399 7579 52	Ozark Royalty Company LLC 3652 Northwood Dr Memphis TN 38111	0.50	3.50				
4.	9214 8901 9403 8399 7579 69	Noroma Energy LLC PO BOX 5443 Austin TX 78763	0.50	3.50				
5.	9214 8901 9403 8399 7579 76	The Estates of Barney L Alsobrook Russell Kirby & Erma Kirby The Estate of Judith A Greene c/o Scott Reed Greene 200 Old Schoolhouse Rd Beebe AR 72012-9204	0.50	3.50				
6.	9214 8901 9403 8399 7579 83	The Estates of Barney L Alsobrook Russell Kirby & Erma Kirby c/o Michael Edwin Thompson 800 Erath St Waco TX 76710-4622	0.50	3.50				
7.	9214 8901 9403 8399 7579 90	The Estates of Barney L Alsobrook Russell Kirby & Erma Kirby The Estate of Judith A Greene c/o Scott Reed Greene 3500 Springhill #200 North Little Rock AR 72117	0.50	3.50				
8.	9214 8901 9403 8399 7580 03	The Estates of Barney L Alsobrook Russell Kirby & Erma Kirby c/o Elizabeth Alsobrook Schuler 4401 Wellington Rd Boulder CO 50301-3157	0.50	3.50				
Total Number of Pieces Listed by Sender 44		Total Number of Pieces Received at Post Office		Postmaster, Per (Name of receiving employee)				





Firm 1

Name and Address of Sender		Check type of mail or service	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 COD
Holland & Hart LLP 110 N Guadalupe St # 1 Santa Fe NM 87501		<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					
9.	9214 8901 9403 8399 7580 10	The Estates of Barney L Alsobrook Russell Kirby & Erma Kirby c/o Jonathon Barney Alsobrook 4401 Sombbrero Circle Littleton CO 80123-1417	0.50	3.50	Handling Charge - if Registered and over \$50,000 in value			
10.	9214 8901 9403 8399 7580 27	The Estates of Barney L Alsobrook Russell Kirby & Erma Kirby c/o Stephen Reed Alsobrook 1126 South Qulman St Denver CO 80219-3740	0.50	3.50				
11.	9214 8901 9403 8399 7580 34	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Scott Gary Mason 6421 Turrel Dr Colorado Springs CO 80918-3222	0.50	3.50				
12.	9214 8901 9403 8399 7580 41	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Bruce Mason 3905 Oneal St Greenville TX 75401-5035	0.50	3.50				
13.	9214 8901 9403 8399 7580 58	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Ozark Royalty Company LLC 3652 Northwood Dr Memphis TN 38111	0.50	3.50				
14.	9214 8901 9403 8399 7580 65	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Noroma Energy LLC PO BOX 5443 Austin TX 78763	0.50	3.50				
15.	9214 8901 9403 8399 7580 72	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Paula Kathryn Warren 3447 East Harvard Ave Gilbert AZ 85234	0.50	3.50				
16.	9214 8901 9403 8399 7580 89	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Stephanie Page Baird 736 Mulberry Ln Desoto TX 75115	0.50	3.50				
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Holland & Hart LLP 110 N Guadalupe St # 1 Santa Fe NM 87501		<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					
17.	9214 8901 9403 8399 7580 96	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird c/o Lisa Loving Thompson 1659 Creekside Drive Southlake TX 76092	0.50	3.50	Handling Charge - if Registered and over \$50,000 in value			
18.	9214 8901 9403 8399 7581 02	The Estates of Bob Mason Edwin Hall Baird and Sallie Knight Baird Jetstream Royalty Partners LP 105 Nursery Lane Suite 220 Fort Worth TX 76114	0.50	3.50				
19.	9214 8901 9403 8399 7581 19	The Estate of Willie Margaret Lain Baird c/o Chisos Minerals LLC 1111 Bagby St Ste 2150 Houston TX 77002	0.50	3.50				
20.	9214 8901 9403 8399 7581 26	The Estate of Willie Margaret Lain Baird c/o G Dan Thompson 12107 Lueders Ln Dallas TX 75230	0.50	3.50				
21.	9214 8901 9403 8399 7581 33	The Estate of Willie Margaret Lain Baird c/o Tilden Capital Minerals LLC PO BOX 470857 Fort Worth TX 76147	0.50	3.50				
22.	9214 8901 9403 8399 7581 40	The Estate of Willie Margaret Lain Baird c/o GGM Exploration Inc PO BOX 123610 Fort Worth TX 76121	0.50	3.50				
23.	9214 8901 9403 8399 7581 57	The Estate of Willie Margaret Lain Baird c/o Pegasus Resources LLC PO BOX 470698 Fort Worth TX 76147	0.50	3.50				
24.	9214 8901 9403 8399 7581 64	The Estate of Willie Margaret Lain Baird c/o TD Minerals LLC 8111 Westchester Drive Suite 900 Dallas TX 75225	0.50	3.50				
Total Number of Pieces Listed by Sender 44		Total Number of Pieces Received at Post Office		Postmaster, Per (Name of receiving employee)				



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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 COD
Holland & Hart LLP 110 N Guadalupe St # 1 Santa Fe NM 87501		<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"/> Collect on Delivery (COD) <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail						
25.	9214 8901 9403 8399 7581 71	The Estate of Willie Margaret Lain Baird c/o Charlotte Lain McGehee 305 East 18th Street Littlefield TX 79339	0.50	3.50	Handling Charge - if Registered and over \$50.00 in value			
26.	9214 8901 9403 8399 7581 88	The Estate of Willie Margaret Lain Baird c/o Betty Ruth Lain Patterson 43195 Fringewood Dr #WB36 Whitney TX 76692	0.50	3.50				
27.	9214 8901 9403 8399 7581 95	The Estate of Willie Margaret Lain Baird c/o Georgia Ann Lain McGhee 4902 Sansaba Court Plano TX 75074	0.50	3.50				
28.	9214 8901 9403 8399 7582 01	The Estates of Rubiedick K Hawes Hugh Rust Hawes Jr & Peggy Joyce Caudill Hawes c/o Hugh R Hawes IV PO BOX 528 Pierce TX 77467	0.50	3.50				
29.	9214 8901 9403 8399 7582 18	The Estates of Madge Ferrel John H Ferrel & J D Ferrel c/o PCB LLC 2600 Museum Way Unit 1102 Fort Worth TX 75107	0.50	3.50				
30.	9214 8901 9403 8399 7582 25	The Estates of Madge Ferrel John H Ferrel & J D Ferrel c/o PCB LLC 150 Boland St Apt 308 Fort Worth TX 76107	0.50	3.50				
31.	9214 8901 9403 8399 7582 32	The Estates of Madge Ferrel John H Ferrel & J D Ferrel c/o Flatland Mineral Fund LP 4925 Greenville Avenue Suite 1100 Dallas TX 75206	0.50	3.50				
32.	9214 8901 9403 8399 7582 49	The Estates of Madge Ferrel John H Ferrel & J D Ferrel c/o Flatland Sidecar LLC 4925 Greenville Avenue Suite 1100 Dallas TX 75206	0.50	3.50				
Total Number of Pieces Listed by Sender 44		Total Number of Pieces Received at Post Office		Postmaster, Per (Name of receiving employee)				



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Name and Address of Sender		Check type of mail or service	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 COD
Holland & Hart LLP 110 N Guadalupe St # 1 Santa Fe NM 87501		<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					
33.	9214 8901 9403 8399 7582 56	The Estates of Madge Ferrel John H Ferrel & J D Ferrel c/o Brigham Minerals LLC 5914 W Courtyard Dr Ste 100 Austin TX 78730	0.50	3.50	Handling Charge - if Registered and over \$50,000 in value			
34.	9214 8901 9403 8399 7582 63	The Estates of Georgia Mosely Eddie Mae Mosley & Guy Neal c/o Peggy Neal Marquez 306 NE 35th Grand Prairie TX 75050	0.50	3.50				
35.	9214 8901 9403 8399 7582 70	The Estates of Georgia Mosely Eddie Mae Mosley & Evelyn Gentry c/o Mitchell & Carol Cappadonna 1523 Neal Road Tomball TX 77375	0.50	3.50				
36.	9214 8901 9403 8399 7582 87	The Estates of Georgia Mosely Eddie Mae Mosley & Evelyn Gentry c/o Mitchell Cappadonna PO BOX 56 La Ward TX 77970	0.50	3.50				
37.	9214 8901 9403 8399 7582 94	The Estates of Georgia Mosely Eddie Mae Mosely & Evelyn Gentry c/o Carol Cappadonna PO BOX 56 La Ward TX 77970	0.50	3.50				
38.	9214 8901 9403 8399 7583 00	The Estate of Georgia Mosely & Jewell Hosford c/o Ruth Vaughn 1405 Glasier Carlsbad NM 88220	0.50	3.50				
39.	9214 8901 9403 8399 7583 17	The Estates of Georgia Mosely Eddie Mae Mosely Jewell Hosford & Richard G Hosford c/o Barry Hosford 3050 Harrell Dr Apt 131 Grand Prairie TX 75052	0.50	3.50				
40.	9214 8901 9403 8399 7583 24	The Estates of Georgia Mosely Eddie Mae Mosely Jewell Hosford & Richard G Hosford c/o Michael Hosford 307 W 7th St 1203 Fort Worth TX 76102	0.50	3.50				
Total Number of Pieces Listed by Sender 44		Total Number of Pieces Received at Post Office		Postmaster, Per (Name of receiving employee)				



PS Form **3877**, April 2015 (Page 6 of 6) Complete in Ink Privacy Notice: For more information on USPS priv  
PSN 7530-02-000-9098

LEGAL NOTICE  
NOVEMBER 28, 2019

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on **December 12, 2019**, in Porter Hall, the Oil Conservation Division Hearing Room, 1st Floor, Wendell Chino Building, 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appointed for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact: Florene Davidson at 505-476-3458 or through the New Mexico Relay Network, 1-800-659-1779 by **December 2, 2019**. Public documents, including the agenda and minutes, can be provided in various accessible formats. Members of the public may obtain copies of the docket by contacting Ms. Davidson at the phone number indicated above. Also, the docket will be posted on the Oil Conservation Division website at [www.emnrd.state.nm.us/ OCD/](http://www.emnrd.state.nm.us/ OCD/). Please contact Ms. Davidson if a summary or other type of accessible form is needed.

**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: Oxy Y-1 Company; Marathon Oil Permian LLC; Ozark Royalty Company, LLC; Noroma Energy, LLC; The Estates of Barney L. Alsobrook, Russell Kirby & Erma Kirby, their heirs and devisees, C/O Michael Edwin Thompson; The Estates of Barney L. Alsobrook, Russell Kirby & Erma Kirby, The Estate of Judith A. Greene, their heirs and devisees, C/O Scott Reed Greene; The Estates of Barney L. Alsobrook, Russell Kirby & Erma Kirby, The Estate of Judith A. Greene, their heirs and devisees, C/O Scott Reed Greene; The Estates of Barney L. Alsobrook, Russell Kirby & Erma Kirby, their heirs and devisees, C/O Elizabeth Alsobrook Schuler; The Estates of Barney L. Alsobrook, Russell Kirby & Erma Kirby, their heirs and devisees, C/O Jonathon Barney Alsobrook; The Estates of Barney L. Alsobrook, Russell Kirby & Erma Kirby, their heirs and devisees, C/O Stephen Reed Alsobrook; The Estates of Bob Mason, Edwin Hall Baird, and Sallie Knight Baird, their heirs and devisees, C/O Scott Gary Mason; The Estates of Bob Mason, Edwin Hall Baird, and Sallie Knight Baird, their heirs and devisees, C/O Bruce Mason; The Estates of Bob Mason, Edwin Hall Baird, and Sallie Knight Baird, their heirs and devisees, C/O Ozark Royalty Company, LLC; The Estates of Bob Mason, Edwin Hall Baird, and Sallie Knight Baird, their heirs and devisees, C/O Noroma Energy, LLC; The Estates of Bob Mason, Edwin Hall Baird, and Sallie Knight Baird, their heirs and devisees, C/O Paula Kathryn Warren; The Estates of Bob Mason, Edwin Hall Baird, and Sallie Knight Baird, their heirs and devisees, C/O Stephanie Page Baird; The Estates of Bob Mason, Edwin Hall Baird, and Sallie Knight Baird, their heirs and devisees, C/O Lisa Loving Thompson; The Estates of Bob Mason, Edwin Hall Baird, and Sallie Knight Baird, their heirs and devisees, C/O Jetstream Royalty Partners, LP; The Estate of Willie Margaret Lain Baird, her heirs and devisees, C/O Chisos Minerals, LLC; The Estate of Willie Margaret Lain Baird, her heirs and devisees, C/O G. Dan Thompson; The Estate of Willie Margaret Lain Baird, her heirs and devisees, C/O Tilden Capital Minerals, LLC; The Estate of Willie Margaret Lain Baird, her heirs and devisees, C/O GGM Exploration, Inc.; The Estate of Willie Margaret Lain Baird, her heirs and devisees, C/O Pegasus Resources, LLC; The Estate of Willie Margaret Lain Baird, her heirs and devisees, C/O TD Minerals LLC; The Estate of Willie Margaret Lain Baird, her heirs and devisees, C/O Charlotte Lain McGhee; The Estate of Willie Margaret Lain Baird, her heirs and devisees, C/O Betty Ruth Lain Patterson; The Estate of Willie Margaret Lain Baird, her heirs and devisees, C/O Georgia Ann Lain McGhee; The Estates of Rubledick K. Hawes, Hugh Rust Hawes, Jr., & Peggy Joyce Caudill Hawes, their heirs and devisees; C/O Hugh R. Hawes, IV; The Estates of Madge Ferrel, John H. Ferrel, and J. D. Ferrel, their heirs and devisees, C/O PCB LLC; The Estates of Madge Ferrel, John H. Ferrel, and J. D. Ferrel, their heirs and devisees, C/O Flatland Mineral Fund, LP; The Estates of Madge Ferrel, John H. Ferrel, and J. D. Ferrel, their heirs and devisees, C/O Flatland Sidecar, LLC; The Estates of Madge Ferrel, John H. Ferrel, and J. D. Ferrel, their heirs and devisees, C/O Brigham Minerals, LLC; The Estates of Georgia Mosely, Eddie Mae Mosley & Guy Neal, their heirs and devisees, C/O Peggy Neal Marquez; The Estates of Georgia Mosely, Eddie Mae Mosely & Evelyn Gentry, their heirs and devisees, C/O Mitchell Cappadonna; The Estates of Georgia Mosely, Eddie Mae Mosely & Evelyn Gentry, their heirs and devisees, C/O Mitchell & Carol Cappadonna; The Estates of Georgia Mosely, Eddie Mae Mosely & Evelyn Gentry, their heirs and devisees, C/O Carol Cappadonna; The Estates of Georgia Mosely & Jewell Hosford, their heirs and devisees, C/O Ruth Vaughn; The Estates of Georgia Mosely, Eddie Mae Mosley, Jewell Hosford & Richard G. Hosford, their heirs and devisees, C/O Barry Hosford; The Estates of Georgia Mosely, Eddie Mae Mosley, Jewell Hosford & Richard G. Hosford, their heirs and devisees, C/O Michael Hosford; The Estates of Georgia Mosely, Eddie Mae Mosley, Jewell Hosford & Richard G. Hosford, their heirs and devisees, C/O Bruce Hosford; The Estates of Georgia Mosely, Eddie Mae Mosley, Jewell Hosford & Richard G. Hosford, their heirs and devisees, C/O Diann Hosford; The Estates of Georgia Mosely, Shirley Sue Mosley & Eddie Mae Mosley, their heirs and devisees, C/O Elizabeth Hogan; and Pivotal Permian Basin II, LLC.

CASE 20527 (re-opened): Application of COG Operating, LLC to Re-Open Case No. 20527 to Amend Compulsory Pooling Order No. R-20766, Lea County, New Mexico. Applicant in the above-styled cause seeks to amend Division Order No. R-20766 to change the initial wells dedicated to the 640-acre, more or less, horizontal well spacing unit within the WC-025 G-09 S243532M; Wolfbone Pool (98098), underlying Lots 3-7, the SE/4 NW/4, and the E/2 SW/4 (W/2 equivalent) of irregular Section 6, and Lots 1-4, and the E/2 W/2 (W/2 equivalent) of irregular Section 7, Township 25 South, Range 35 East, Lea County, New Mexico. The spacing unit will now be dedicated to the following wells:

- the Stove Pipe Federal Com #601H well and the Stove Pipe Federal Com #702H well to be drilled from surface hole locations in SE/4 SW/4 (Unit N) of irregular Section 31, T24S, R35E, to bottom hole locations in the SE/4 SW/4 (Unit N) of irregular Section 7, T25S, R35E; and
- the Stove Pipe Federal Com #603H well (formerly the Stove Pipe Federal Com #704H well), the Stove Pipe Federal Com #706H well, and the Stove Pipe Federal Com #707H well to be drilled from surface hole locations in SW/4 SW/4 (Lot 4) of irregular Section 31, T24S, R35E, to bottom hole locations in the SW/4 SW/4 (Lot 4) of irregular Section 7, T25S, R35E.

The completed interval for the proposed Stove Pipe Federal Com #603H well (formerly the Stove Pipe Federal Com #704H well) will be within 330' of the quarter-quarter line separating the W/2 W/2 equivalent and the E/2 W/2 equivalent of irregular Sections 6 and 7 to allow inclusion of this acreage into a standard 640-acre horizontal well spacing unit. Said area is located approximately 12.6 miles southeast of Malaga, New Mexico.

#34907

**BEFORE THE OIL CONSERVATION DIVISION**

Santa Fe, New Mexico

**Exhibit No. C1**

Submitted by: **COG OPERATING, LLC**

Hearing Date: December 12, 2019

Case No. 20527 (re-opened)

# Advertising Invoice

## Hobbs Daily News-Sun

201 N Thorp  
P. O. Box 850  
Hobbs, NM 88241

Phone: 575-393-2123

Fax: 575-397-0610

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1

HOLLAND & HART LLC  
PO BOX 2208  
SANTA FE,, NM 87504-2208

Customer #: 67100754  
Phone: (505)988-4421  
Date: 11/26/2019  
Ad #: 00236540

Salesperson: Ad Taker: Kayla

Class: 673

Sort Line: 34907 CASE NO 20527

Ad Notes:

Description	Amount
AFF2 Affidavits (Legals)	6.25
BOLD bold	1.00
	21.51
07 07 Daily News-Sun 2019-11-28	308.55

### Ad Text:

LEGAL NOTICE  
NOVEMBER 28, 2019

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on December 12, 2019, in Porter Hall, the Oil Conservation Division

### Payment Reference:

null

Total: 315.80  
Tax: 21.51  
Net: 337.31  
Prepaid: null

**Total Due 337.31**



**Exhibit "A"**

Applicant: COG Operating LLC  
Operator: COG Operating LLC (OGRID 229137)

Spacing Unit: Horizontal Oil  
Building Blocks: quarter-quarter section equivalents  
Spacing Unit Size: 638.71 acres (more or less)  
Orientation of Unit: North/South

Spacing Unit Description:  
W/2 Equivalent of Section 6 and W/2 Equivalent of Section 7,  
Township 25 South, Range 35 East, NMPM, Lea County, New Mexico

Pooling this Vertical Extent: Wolfbone Formation  
Depth Severance? (Yes/No): No

Pool: Wildcat Wolfbone Oil (Pool code 98098)  
Pool Spacing Unit Size: quarter-quarter sections  
Governing Well Setbacks: Horizontal Oil Well Rules  
Pool Rules: Latest Horizontal Rules Apply.

Proximity Tracts: Yes  
Proximity Defining Well: Well No. 603H is to be drilled closer than 330 feet from the  
Proximity Tracts and therefore defines the Horizontal Spacing Unit.

Monthly charge for supervision: While drilling: \$8000 While producing: \$800  
As the charge for risk, 200 percent of reasonable well costs.

**Proposed Wells:**

**Stove Pipe Federal Com Well No. 601H, API No. 30-025-Pending**

SHL: 270 feet from the South line and 2160 feet from the West line,  
(Unit N) of Section 31, Township 24 South, Range 35 East, NMPM.  
BHL: 50 feet from the South line and 1815 feet from the West line,  
(Unit N) of Section 7, Township 25 South, Range 35 East, NMPM.

Completion Target: 3rd Bone Spring Sand at approx 12550 feet TVD.  
Well Orientation: North to South  
Completion Location expected to be: standard

**Stove Pipe Federal Com Well No. 603H, API No. 30-025-Pending**

SHL: 270 feet from the South line and 390 feet from the West line,  
(Lot 4 or Unit M) of Section 31, Township 24 South, Range 35 East, NMPM.  
BHL: 50 feet from the South line and 1310 feet from the West line,

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. D

Submitted by: **COG OPERATING, LLC**

Hearing Date: December 12, 2019

Case No. 20527 (re-opened)

(Lot 4 or Unit M) of Section 7, Township 25 South, Range 35 East, NMPM.

Completion Target: Upper Wolfcamp Shale at approximately 12865 feet TVD

Well Orientation: North to South

Completion Location expected to be: standard

**Stove Pipe Federal Com Well No. 702H, API No. 30-025-Pending**

SHL: 270 feet from the South line and 2190 feet from the West line,

(Unit N) of Section 31, Township 24 South, Range 35 East, NMPM.

BHL: 50 feet from the South line and 2310 feet from the West line,

(Unit N) of Section 7, Township 25 South, Range 35 East, NMPM.

Completion Target: Upper Wolfcamp Shale at approximately 12700 feet TVD

Well Orientation: North to South

Completion Location expected to be: standard

**Stove Pipe Federal Com Well No. 706H, API No. 30-025-Pending**

SHL: 270 feet from the South line and 360 feet from the West line,

(Lot 4 or Unit M) of Section 31, Township 24 South, Range 35 East, NMPM.

BHL: 50 feet from the South line and 825 feet from the West line,

(Lot 4 or Unit M) of Section 7, Township 25 South, Range 35 East, NMPM.

Completion Target: 3rd Bone Spring Sand at approximately 12550 feet TVD

Well Orientation: North to South

Completion Location expected to be: standard

**Stove Pipe Federal Com Well No. 707H, API No. 30-025-Pending**

SHL: 270 feet from the South line and 330 feet from the West line,

(Lot 4 or Unit M) of Section 31, Township 24 South, Range 35 East, NMPM.

BHL: 50 feet from the South line and 330 feet from the West line,

(Lot 4 or Unit M) of Section 7, Township 25 South, Range 35 East, NMPM.

Completion Target: Upper Wolfcamp Shale at approximately 12867 feet TVD

Well Orientation: North to South

Completion Location expected to be: standard