



Stove Pipe Federal Com 601H, 602H, 603H, 701H, 702H, 703H, 704H, 705H, 706H, 707H

Section 6 & 7-T25S-R35E Lea County, New Mexico



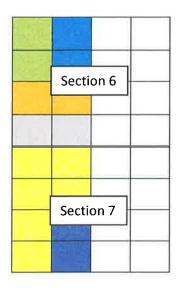
BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING – JUNE 13, 2019

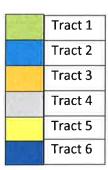
CASE NO. 20527



# COG Operating, LLC—Stove Pipe Federal Com 601H-603H & 701H-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: Section 6: Lots 4-5 (80.48 Acres)

W2 Stove Pipe Fed Com Wells – Wolfbone Pool

COG Operating LLC	100.000000%
Tract 2: Section 6: Lot 3 and the SE/4 NW/4 (80.15 Acres)	
COG Operating LLC	11.875000%
Energen Resources Corporation	8.750000%
MRC Permian Company	8.750000%
Burlington Resources Oil & Gas Company	50.000000%
BEXP I, LP	8.750000%
Chisos Minerals, LLC	3.125000%
Charis Resources, LLC	5.833333%
Unleased Heirs or Devisees of Barney L. Alsobrook	2.916667%
Total	100.00000%

Tract 3: Section 6: Lot 6, NE/4 SW/4 (79.94 Acres) COG Operating, LLC	4.373333%
COG Acreage LP	39.982222%
Energen Resources Corporation	37.866667%
Marathon Oil Permian, LLC	8.000000%
MRC Permian Company	6.400000%
Noroma Energy, LLC	0.355556%
Ozark Royalty Company, LLC	0.355556%
Charlotte S. E. Garza	0.533333%
Jetstream Royalty Partners, LP	1.066667%
Jetstream New Mexico MFTC, LLC	1.066667%
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%
Turnet Co Continue To F /2C/M/A (CO Annua)	
Tract 6: Section 7: E/2SW/4 (80 Acres) COG Operating LLC	100.00000%
COG Operating LLC	
COG Operating LLC  Unit Working Interest	100.00000%
COG Operating LLC  Unit Working Interest  COG Operating LLC	100.00000% 37.130540%
COG Operating LLC  Unit Working Interest  COG Operating LLC  COG Production LLC	100.00000% 37.130540% 37.359955%
COG Operating LLC  Unit Working Interest  COG Operating LLC  COG Production LLC  COG Acreage LP	100.00000% 37.130540% 37.359955% 5.001219%
COG Operating LLC  Unit Working Interest  COG Operating LLC  COG Production LLC  COG Acreage LP  Energen Resources Corporation	100.00000% 37.130540% 37.359955% 5.001219% 5.833970%
COG Operating LLC  Unit Working Interest  COG Operating LLC  COG Production LLC  COG Acreage LP  Energen Resources Corporation  OXY Y-1 Company	100.00000% 37.130540% 37.359955% 5.001219% 5.833970% 2.495775%
COG Operating LLC  Unit Working Interest  COG Operating LLC  COG Production LLC  COG Acreage LP  Energen Resources Corporation  OXY Y-1 Company  Marathon Oil Permian, LLC	100.00000% 37.130540% 37.359955% 5.001219% 5.833970%
COG Operating LLC  Unit Working Interest  COG Operating LLC  COG Production LLC  COG Acreage LP  Energen Resources Corporation  OXY Y-1 Company  Marathon Oil Permian, LLC  MRC Permian Company	100.00000% 37.130540% 37.359955% 5.001219% 5.833970% 2.495775% 1.000689%
Unit Working Interest  COG Operating LLC  COG Production LLC  COG Acreage LP  Energen Resources Corporation  OXY Y-1 Company  Marathon Oil Permian, LLC  MRC Permian Company  Burlington Resources Oil & Gas Company	100.00000% 37.130540% 37.359955% 5.001219% 5.833970% 2.495775% 1.000689% 1.897929% 6.270733%
Unit Working Interest COG Operating LLC COG Production LLC COG Acreage LP Energen Resources Corporation OXY Y-1 Company Marathon Oil Permian, LLC MRC Permian Company Burlington Resources Oil & Gas Company Chisos Minerals, LLC	100.00000% 37.130540% 37.359955% 5.001219% 5.833970% 2.495775% 1.000689% 1.897929% 6.270733% 0.391921%
Unit Working Interest COG Operating LLC COG Production LLC COG Acreage LP Energen Resources Corporation OXY Y-1 Company Marathon Oil Permian, LLC MRC Permian Company Burlington Resources Oil & Gas Company Chisos Minerals, LLC Unleased Heirs or Devisees of Barney L. Alsobrook	100.00000% 37.130540% 37.359955% 5.001219% 5.833970% 2.495775% 1.000689% 1.897929% 6.270733%
Unit Working Interest COG Operating LLC COG Production LLC COG Acreage LP Energen Resources Corporation OXY Y-1 Company Marathon Oil Permian, LLC MRC Permian Company Burlington Resources Oil & Gas Company Chisos Minerals, LLC	100.00000% 37.130540% 37.359955% 5.001219% 5.833970% 2.495775% 1.000689% 1.897929% 6.270733% 0.391921% 0.365793%
Unit Working Interest COG Operating LLC COG Production LLC COG Acreage LP Energen Resources Corporation OXY Y-1 Company Marathon Oil Permian, LLC MRC Permian Company Burlington Resources Oil & Gas Company Chisos Minerals, LLC Unleased Heirs or Devisees of Barney L. Alsobrook Charis Resources, LLC BEXP I, LP	100.00000% 37.130540% 37.359955% 5.001219% 5.833970% 2.495775% 1.000689% 1.897929% 6.270733% 0.391921% 0.365793% 0.731586%
Unit Working Interest COG Operating LLC COG Production LLC COG Acreage LP Energen Resources Corporation OXY Y-1 Company Marathon Oil Permian, LLC MRC Permian Company Burlington Resources Oil & Gas Company Chisos Minerals, LLC Unleased Heirs or Devisees of Barney L. Alsobrook Charis Resources, LLC BEXP I, LP Ozark Royalty Company, LLC	100.00000% 37.130540% 37.359955% 5.001219% 5.833970% 2.495775% 1.000689% 1.897929% 6.270733% 0.391921% 0.365793% 0.731586% 1.097378% 0.044475%
Unit Working Interest COG Operating LLC COG Production LLC COG Acreage LP Energen Resources Corporation OXY Y-1 Company Marathon Oil Permian, LLC MRC Permian Company Burlington Resources Oil & Gas Company Chisos Minerals, LLC Unleased Heirs or Devisees of Barney L. Alsobrook Charis Resources, LLC BEXP I, LP	100.00000% 37.130540% 37.359955% 5.001219% 5.833970% 2.495775% 1.000689% 1.897929% 6.270733% 0.391921% 0.365793% 0.731586% 1.097378%
Unit Working Interest COG Operating LLC COG Production LLC COG Acreage LP Energen Resources Corporation OXY Y-1 Company Marathon Oil Permian, LLC MRC Permian Company Burlington Resources Oil & Gas Company Chisos Minerals, LLC Unleased Heirs or Devisees of Barney L. Alsobrook Charis Resources, LLC BEXP I, LP Ozark Royalty Company, LLC Noroma Energy, LLC Charlotte S. E. Garza	100.00000%  37.130540% 37.359955% 5.001219% 5.833970% 2.495775% 1.000689% 1.897929% 6.270733% 0.391921% 0.365793% 0.731586% 1.097378% 0.044475% 0.044475%
Unit Working Interest  COG Operating LLC  COG Production LLC  COG Acreage LP  Energen Resources Corporation  OXY Y-1 Company  Marathon Oil Permian, LLC  MRC Permian Company  Burlington Resources Oil & Gas Company  Chisos Minerals, LLC  Unleased Heirs or Devisees of Barney L. Alsobrook  Charis Resources, LLC  BEXP I, LP  Ozark Royalty Company, LLC  Noroma Energy, LLC	100.00000%  37.130540% 37.359955% 5.001219% 5.833970% 2.495775% 1.000689% 1.897929% 6.270733% 0.391921% 0.365793% 0.731586% 1.097378% 0.044475% 0.044475% 0.066713%
Unit Working Interest  COG Operating LLC  COG Production LLC  COG Acreage LP  Energen Resources Corporation  OXY Y-1 Company  Marathon Oil Permian, LLC  MRC Permian Company  Burlington Resources Oil & Gas Company  Chisos Minerals, LLC  Unleased Heirs or Devisees of Barney L. Alsobrook	100.0000 37.13054 37.35995 5.00121 5.83397 2.49577 1.00068 1.89792 6.27073 0.39192 0.36579

# **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

Nancy Ray Archie Trust

Neal Ervin Archie, Jr. Testamentary Trust

Heirs or Devisees of L.W. Kirby

Heirs or Devisees of Lillian Kirby

Heirs or Devisees of Neal Archie, Jr.

Heirs or Devisees of Nancy Archie

Vicki Archie Dossey

Richard Neal Archie

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

W2 Stove Pipe Fed Com Wells - Wolfbone Pool

**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

**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

BEXP I, LP

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

DISTRICT II 811 S. FIRST ST., ARTESIA, NM 8821U Phone: (575) 748-1283 Fax: (575) 748-9720

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505 Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

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) 478-3462

☐ AMENDED REPORT

WELL	LOCATION	$\Delta ND$	ACREAGE	DEDICATION	PLAT

API Number	Pool Code	Pool N	Pool Name		
Property Code	-	rty Name FEDERAL COM	Well Number 601H		
OGRID No.	Opera	tor Name RATING, LLC	Elevation		

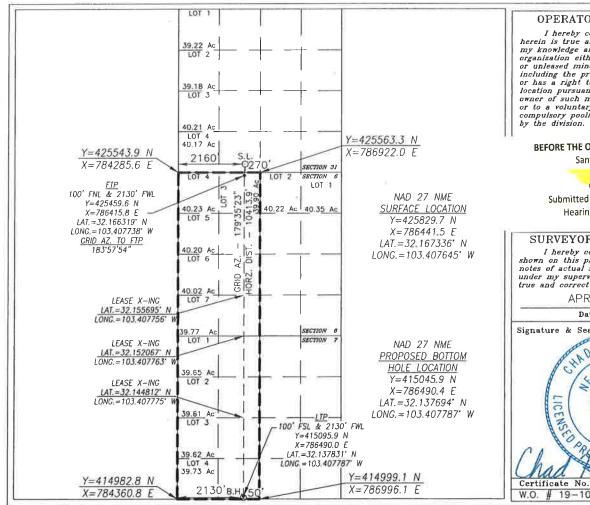
#### Surface Location

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
Ν	7	25-S	35-E		50	SOUTH	2130	WEST	LEA
Dedicated Acres	s Joint o	r Infill Co	nsolidation	Code Ore	der 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.

## BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico
Exhibit No. 2

Case No. 20527

Submitted by: COG OPERATING, LLC Hearing Date: June 13, 2019

#### 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

HARCRO

17777

17777

6/6/19

Certificate No. CHAD HARCROW 17777
W.O. # 19-1040 DRAWN BY: WN

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240 Phone: (575) 383-8161 Fax: (575) 383-0720

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

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

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

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DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505 Phone: (505) 476-3460 Fax: (505) 478-3462

Property Code

Property Code

Property Name

STOVE PIPE FEDERAL COM

OGRID No.

Operator Name

COG OPERATING, LLC

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Name

Well Number

602H

602H

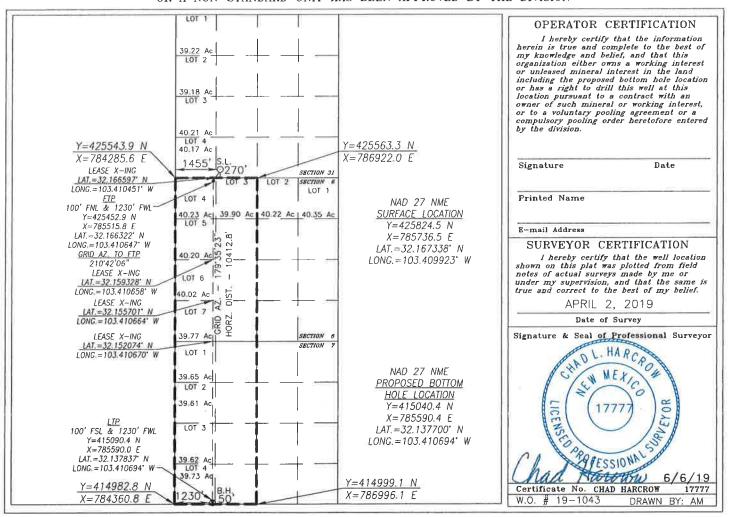
3329.1'

#### Surface Location

UL or lot No	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
N	31	24-S	35-E		270	SOUTH	1455	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
М	7	25-S	35-E		50	SOUTH	1230	WEST	LEA
Dedicated Acres	Joint o	r Infill Co	nsolidation	Code Or	der No.				
Dedicated Acres	s Joint o	r iniin   co	nsondation	Loue On	uer no.				



DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240 Phone: (575) 393-8181 Fax: (575) 393-0720

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

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

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

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DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505 Phone: (505) 476-3460 Fax: (505) 478-3462

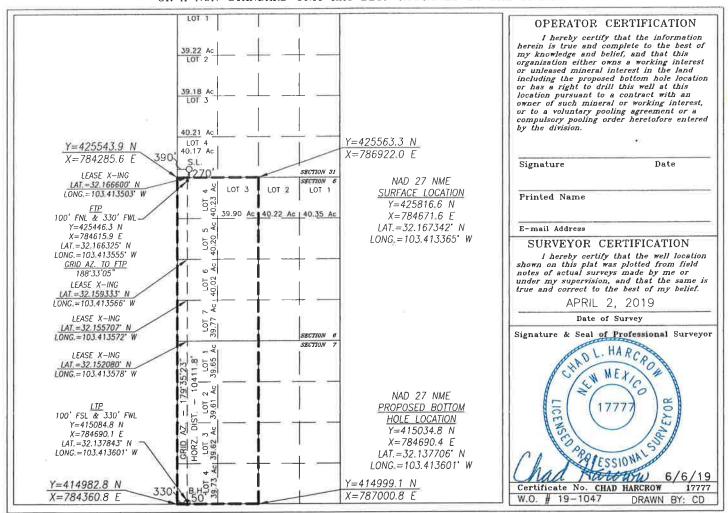
(000) 170 0100 121 (000) 170 0101	WELL LOCATION AND	ACREAGE DEDICATION	PLAT		
API Number	Pool Code		Pool Name		
Property Code	-	erty Name FEDERAL COM	Well Number 603H		
OGRID No.	•	ator Name RATING, LLC	Elevation 3347.4'		

#### 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	Townshi	ip	Range	Lot ldn	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 o	r Infill	Cor	solidation (	Code Or	der No.				



DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 68240 Phone: (575) 393-6161 Fax: (576) 393-0720

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

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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 67505 Phone: (505) 476-3460 Fax: (505) 476-3462

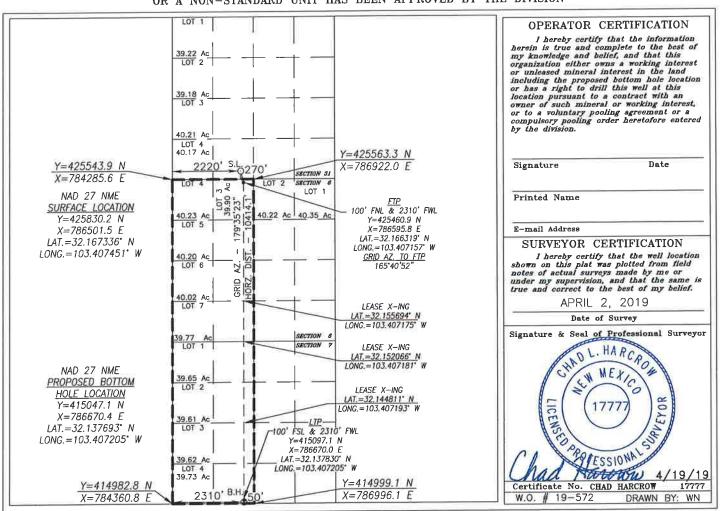
WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code Well Number Property Name Property Code STOVE PIPE FEDERAL COM 701H Elevation Operator Name OGRID No. COG OPERATING, LLC 3321.2

#### Surface Location

ĺ	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	2220	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	s Joint o	r Infill Co	nsolidation	Code Or	der No.				



DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

# State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

DISTRICT II 811 5. FIRST ST., ARTESIA, NM 88210 Phone: (675) 748-1283 Pax: (575) 748-0720

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 67505 Phone: (505) 476-3460 Fax: (505) 476-3462 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

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□ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

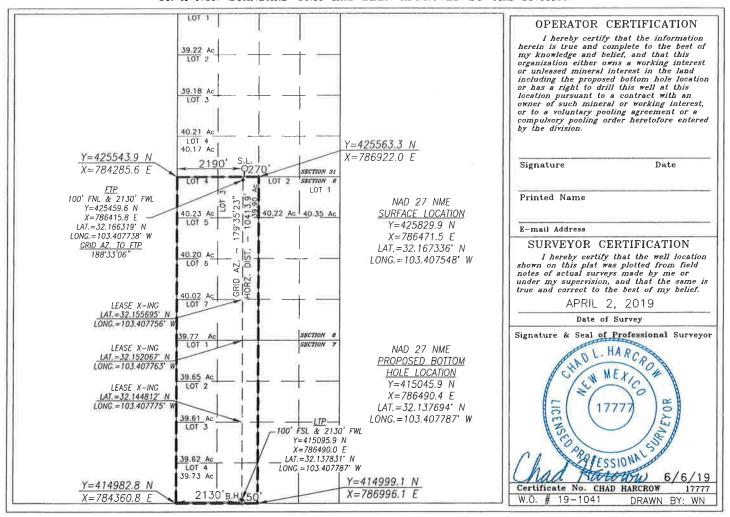
API Number	Pool Code	Pool	Name
Property Code	-	erty Name FEDERAL COM	Well Number 702H
OGRID No.		ator Name RATING, LLC	Elevation 3321.3'

#### 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	2130	WEST	LEA
Dedicated Acres	Joint o	r Infill Co	nsolidation (	Code Or	der No.	-			



DISTRICT I

DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-0720

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

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico 1825 N. FRENCH DR., HOBBS, NM 88240 Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

> 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

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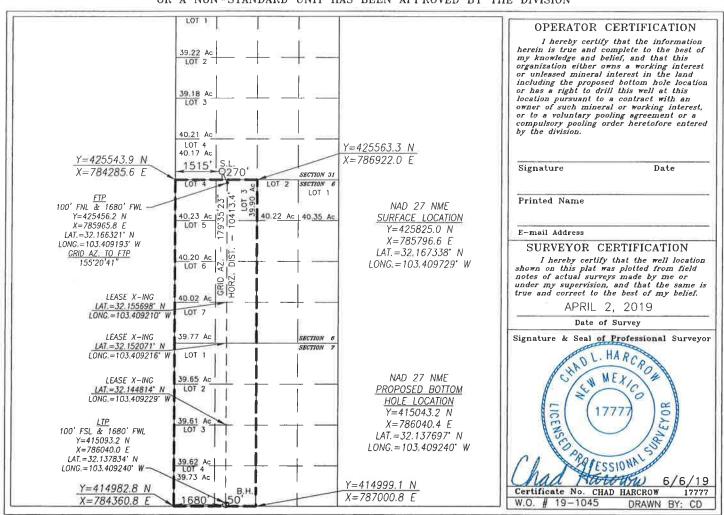
#### WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Name Property Name Well Number Property Code STOVE PIPE FEDERAL COM 70.3H Operator Name OGRID No. Elevation COG OPERATING, LLC 3328.2

#### Surface Location

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
N	31	24-S	35-E		270	SOUTH	1515	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	1680	WEST	LEA
Dedicated Acres	s Joint o	r Infill (	onsolidation	Code Or	der No.				



DISTRICT I

State of New Mexico 1625 N, FRENCH DR., HOBBS, NM 88240 Energy, Minerals & Natural Resources Department Phone: (575) 393-6161 Fax: (575) 393-0720 OIL CONSERVATION DIVISION

DISTRICT II 811 5. FIRST ST., ARTESIA, NM 88210 Phone: (675) 748-1283 Fax: (575) 748-9720

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

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 67505 Phone: (505) 476-3460 Fax: (505) 476-3462

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

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# WELL LOCATION AND ACREAGE DEDICATION PLAT

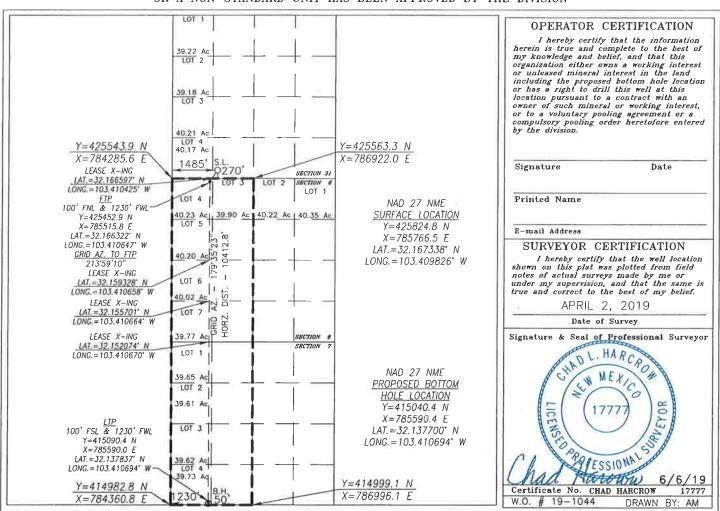
API Number	Pool Code	Pool N	lame
Property Code	-	erty Name FEDERAL COM	Well Number 704H
OGRID No.		ator Name RATING, LLC	Elevation 3328.4

#### Surface Location

UL or lot No.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
N	31	24-S	35-E		270	SOUTH	1485	WEST	LEA

#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
М	7	25-S	35-E		50	SOUTH	1230	WEST	LEA
Dedicated Acres	Joint o	r Infill	Consolidation	Code Or	der No.			H	



State of New Mexico 1825 N. FRENCH DR., HOBBS, NM 88240 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

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

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DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

□ AMENDED REPORT

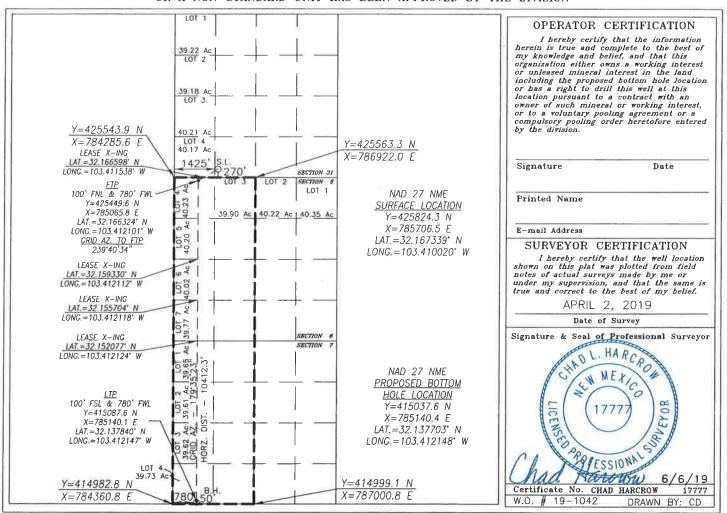
(600) 110 0100 1441 (600) 110 0		ACREAGE DEDICATION	PLAT	
API Number	Pool Code	Pool Name		
Property Code	Proj	perty Name	Well Number	
	STOVE PIPE	E FEDERAL COM	705H	
OGRID No.	•	rator Name CRATING, LLC	Elevation 3329.7'	

#### 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	1425	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	780	WEST	LEA
Dedicated Acre	s Joint o	r Infill Co	nsolidation (	Code Ore	der No.				



DISTRICT I

State of New Mexico 1625 N. FRENCH DR., HOBBS, NM 88240 Energy, Minerals & Natural Resources Department Phone: (575) 383-8161 Fax: (575) 383-0720 OIL CONSERVATION DIVISION

DISTRICT II 011 9. FIRST ST., ARTESIA, NM 00810 Phone: (575) 748-1283 Fax: (575) 748-9720

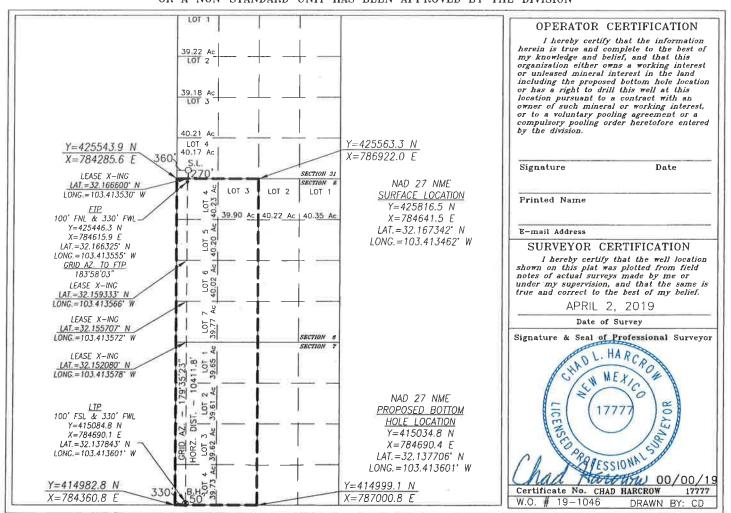
DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 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

-none: (505) 476-34			WELL LO	CATION	AND A	CREA	GE DEDICATI	ON PLAT					
API	Number		1	Pool Code		Pool Name							
Property	Code				Prope	rty Nam	е		Well Nun	Well Number			
				700	706H								
OGRID No.				004	-	tor Nam			Elevation				
			COG OPERATING, LLC						3348.2'				
					Surfac	e Loca	ation						
UL or lot No.	Section	Township	Range	Lot ldn	Feet from	m the North/South line Feet from t			East/West line	County			
4	31	24-S	35-E		27	0	SOUTH	360	WEST	LEA			
			Bottom	Hole Loc	eation If	Diffe	rent From Sur	face					
UL or lot No.	Section	Township	Range	Lot ldn	Feet from	m the	North/South line	Feet from the	East/West line	County			
4	7 25-S 35-E 50 SOUTH 330							WEST	LEA				
Dedicated Acre	s Joint o	r Infill Co	nsolidation (	Code Ore	der No.								



DISTRICT I

State of New Mexico 1825 N. FRENCH DR., HOBBS, NM 88240 Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

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

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

DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (506) 334-6178 Fax: (506) 334-6170 DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

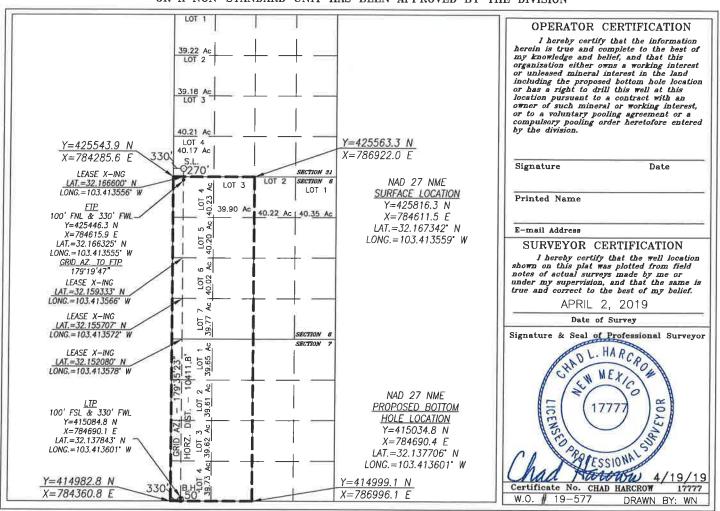
API Number	Pool Code	Pool Name	
Property Code	•	erty Name FEDERAL COM	Well Number 707H
OGRID No.		ator Name RATING, LLC	Elevation 3348.5

#### 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 F		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 Acre	s Joint o	r Infill Co	nsolidation	Code Or	der No.				



Chisos Minerals, LLC 1111 Bagby St., Ste 2150 Houston, TX 77002

Re:

Title Requirement

Sections 6 & 7, T25S-R35E

Lea County, NM

# To Whom It May Concern:

COG Operating LLC ("COG"), as Operator, plans to develop the W/2 of Sections 6 & 7, T25S-R35E by drilling multiple horizontal wells. COG recently received an updated title opinion covering the W/2 of Sections 6 & 7, T25S-R35E, among other lands, and your interest is subject to title requirement(s). Due to the uncertainties involved with unsatisfied title requirements, if the title requirement(s) regarding your interest are not cured before drilling, COG may apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well at such time. Please find the title requirement(s) affecting your interest attached to this letter. Upon the completion of curing such title requirement(s), please provide any instrument or documentation to the undersigned for review.

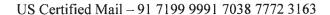
Please contact the undersigned at (432) 685-2588 if you would like to discuss this in more detail. Your prompt attention to this matter is greatly appreciated.

Very truly yours,

**COG Operating LLC** 

Megan L. Tipton

Megan Tipton, RPL Landman





Diamondback Energy Incorporated 500 W. Texas Avenue, Ste. 1200 Midland, TX 79701

# 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 terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG proposes to acquire your interest via term assignment. It has the following general provisions:

- 3 year primary term
- Delivering a 75% NRI, proportionately reduced
- \$2,000 per net acre bonus consideration

The Term Assignment offer terminates 30 days from the date of this letter and is subject to the approval of COG's management and verification of title.

If you have any	y questions, please contact the undersigned at 432-685	-2588 or mtipton@concho.com.
Respectfully,		
Megan L	Tipton	
Megan Tipton Landman		
÷	I/We hereby elect to participate in the Stove Pipe Fed	deral Com #601H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe	Federal Com #601H.
Company:		
Ву:		



US Certified Mail – 91 7199 9991 7038 7772 3217

Burlington Resources Oil & Gas Company 600 N. Dairy Ashford Rd Houston, TX 77079

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:

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COG is proposing to drill this well under the terms of the AAPL Form 610-1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would like to lease your minerals under the following general terms:

- Bonus of \$2,000 /Net Mineral Acre
- 3 Year Primary Term
- 25% Royalty Interest

The Lease offer is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at (432) 685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #601H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #601H,
Company:	*
By:	
Name:	
Title:	
Date:	

#### COG OPERATING LLC AUTHORITY FOR EXPENDITURE DRILLING

WELL NAME:	STOVE PIPE FEDERAL COM #601H	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:	Walfoone Pool	DCPTI1:	23,009
LEGAL:	Sec 31: 24S-35E	TVO:	12,650

NTANGIBLE COSTS		Drig - Rig Release(D)		Completion(C)		Tank Bity Constrctn(TB)		Pmpg Equipment(PEO)	TOTA
Tille/Curative/Permit	201	20,000							20
naurance	202	2,500	302						
Darnages/Right of Way	203	20,000			351				- 20
urvey/Stake Location	204	7,000			352				
ocation/Pits/Road Expense		135,000	ant	10.000		48.000			
	205		305	10,000	353	45,000	360		190
riting / Completion Overhead	206	11,100	306	15,000					20
urnkey Contract	207								
ootage Contract	208								
						$\overline{}$			
aywork Contract	209	984,000							884
rectional Drilling Services	210	442,000							442
rec Equipment			307	1,829,000					1,825
rac Chemicals			308			$\overline{}$			
				473,000					473
rac Proppant			309	814,000					814
rac Proppant Transportation			310	399,000					399
uel & Power	211	211,000	311	68,000	354		387		279
faler					334				
	212	60,000	312	966,000			368		1,026
4	213	11,000	313	4,500			369		15
ud & Chemicals	214	275,000	314	25,000			370		300
nil Shem Test	215		315				****		
			313						
oring & Analysis	216								
ement Surface	217	28,000							26
ement Intermediate	218	75,000							76
ernent 2nd Intermediate/Production	219	115,000							
		115,000							115
ement Squeeze & Other (Kickoff Plug)	220						371		
loat Equipment & Centralizers	221	65,000						70.00	65
ssing Crews & Equipment	222	70,000							70
		70,000	323						
shing Tools & Service	223						372		
nologic/Engineering	224	11,400			355		373		
ontract Labor	225	6,500	325	20,000	356	122,935	374	6,500	155
ompany Supervision	228	66,600	326	15,000	357		375	-1222	
									8
ontract Supervision	227	157,000	327	255,000	358		376	5,000	417
esting Casing/Tubing	228	30,000	328	5,000			377		35
tud Logging Unit	229	52,000	329						52
							970		
ogging	230						378		
erforating/Wirefine Services	231	4,000	331	588,000			379		592
Smutation/Treating			332	397,000			380		397
omptation Unit			333	138,000			381	8,800	146
				000,000				0,100	- 140
wabbing Unit			334				382		
ontals-Surface	235	190,000	335	403,000	359		363	7,000	600
entals-Subsurface	236	150,000	336	30,000			384		180
			337		360		385	0.000	
rucking/Forkill/Rig Mobilization	237	200,000		20,000				3,000	223
felding Services	238	3,000	338	5,000	361		386		
ater Disposal	239		339	60,000	362	135.000	387	250,000	445
lug to Abendon	240		340						
									_
eisrnic Analysis	241		341						
liscellaneous	242	10,000	342				389		10
ontingency	243	71,000	343	250,000	363		390		32
losed Loop & Environmental	244	330,000	344	5.000	364		388		335
					507		500		
yed Diesel	245		345	484,000					
oil Tubing			346	750,000					750
lowback Crews & Equip			347	48,000					46
Offset Directions/Frac	240								
			248				791		
TOTAL INTANCIDLES	248	2 612 100	348	9 076 500		202.026	391	280 200	10.476
TOTAL INTANGIBLES	240	3,813,100	348	8,076,500		302,935	391	280,300	12,472
	240	3,813,100	348	8,076,500		302,935	391	280,300	12,472
ANGIBLE COSTS			348	8,076,500		302,835	391	280,300	
ANGIBLE COSTS urlace Casing	401	52,000	348	8,076,500		302,935	391	280,300	56
ANGIBLE COSTS urface Casing termedists Casing	401 402	52,000 655,000	348	8,076,500		302,935	391	280,300	56 55
ANGIBLE COSTS urface Casing termedists Casing	401	52,000	348	8,076,500		302,935	391	280,300	56
ANGIBLE COSTS unface Casing itermediate Casing roduction CasingLines	401 402	52,000 655,000				302,935			56 555 763
ANGIBLE COSTS  urface Casing  retriedable Casing  reduction CasingLines  ubing	401 402 403	52,000 655,000 782,000	504	52,030		302,935	530	5,000	56 559 764 57
ANGIBLE COSTS urface Casing remediate Casing roduction Casingtiner ubing	401 402	52,000 655,000		52,030 22,000		302,935	530 531	5,000 3,000	55 555 783 57
ANGIBLE COSTS  urface Casing itermediate Casing reduction Casingtines ubing istinged Equipment urping Unit	401 402 403	52,000 655,000 782,000	504	52,030 22,000 0		302,935	530 531 506	5,000	56 559 764 57
ANGIBLE COSTS urface Casing urface Casing utermediate Casing reduction Casing/Lines ubling esthoad Equement urpling Unit	401 402 403	52,000 655,000 782,000	504	52,030 22,000		302,935	530 531	5,000 3,000	55 555 783 57
ANGIBLE COSTS urface Casing termindate termind	401 402 403	52,000 655,000 782,000	504	52,030 22,030 0 0		302,935	530 531 506 507	5,000 3,000 96,000	56 555 764 57 100
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ANGIBLE COSTS urface Casing intermediate Casing reduction CasingLiner Libring instruct Equipment urpling Unit intermediate	401 402 403	52,000 655,000 782,000	504	52,030 22,030 0 0			530 531 506 507	5,000 3,000 96,000	54 555 783 551 100 94
ANGIBLE COSTS  urface Casing mermedishe Casing roduction Casingst.net ubling verticad Equipment urroing Unit from Mover ods  urrop-Sub Surface (BH) ents	401 402 403	52,000 655,000 782,000	504 505	52,030 22,030 0 0	510	63.645	530 531 506 507 508	5,000 3,000 96,000 55,000	54 559 762 50 100 94 54 65
ANGIBLE COSTS urface Casing utermediate Casing termediate Casing termediate Casing termediate Casing termediate Casing termediate using termediate using termediate unity cost	401 402 403	52,000 655,000 782,000	504 505	52,030 22,030 0 0	510 511		530 531 506 507 508	5,000 3,000 96,000 55,000	54 555 783 551 100 94
ANGIBLE COSTS urface Casing termeduse Casing termeduse Casing termeduse Casing termeduse Casing termeduse Casing termeduse ter	401 402 403	52,000 655,000 782,000	504 505	52,030 22,030 0 0	511	63.645 26.592	530 531 506 507 508	5,000 3,000 96,000 55,000	555 762 551 100 94 55 65
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ANGIBLE COSTS  urface Casing intermediate Casing reaction CasingLines ubling rethand Equipment  urpling Unit from Mover ods  urrop-Sub Surface (BH) entit entitle Continues entitle Treater/Sepatation lactrical System	401 402 403 405	52,000 655,000 782,000	504 505	52,030 22,000 0 0 0	511	63.645 26.592	530 531 506 507 508 532	\$,000 3,000 96,000 \$5,000 5,000	555 565 782 571 100 84 55 65 266 144
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ANGIBLE COSTS  where Casing termediate	401 402 403 405	52,000 655,000 782,000	504 505	52,030 22,000 0 0 0	511 512 513 515 517 518 521	63,845 28,593 140,007 130,000	530 531 506 507 508 532 533	5,000 3,000 96,000 55,000 5,000 15,000 2,000	55 5595 782 5595 782 5595 782 5595 782 5595 782 5595 782 5595 792 5500000000000000000000000000000000000
ANGIBLE COSTS  white Casting termediate Casting termediate Casting toduction CastingLines  abing atthead Equipment writering timit time Mover ods  serps-Sub-Surface (BH) timit toduction CastingLines  select Trainer/Separation selective System scherts/Anchez/Sungers copings/Filings/Valves bytyferion lection Plant/COZ Equipment writes-Surface  tomer-Surface	401 402 403 405 414 415	52,000 655,000 782,000	504 505 509	52,030 22,000 0 0 0	511 512 513 515 517 518 521 522	63.645 28.592 140,007 130.000 102.282 5.000	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000	55 555 782 555 1000 54 55 55 55 55 55 55 55 55 55 55 55 55
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ANGIBLE COSTS  where Casting termedate t	401 402 403 405	52,000 655,000 782,000	504 505 509 514	\$2,030 22,000 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	63,645 28,592 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,564	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000	55 555 555 555 555 555 555 555 555 555
ANGIBLE COSTS  Infoce Casing Intrinsidate Casing Oduction CasingAiner doing Sthood Equipment Implies the CasingAiner doing Intrinsidate CasingAiner doing Intrinsidate Intrins	401 402 403 405	52,000 655,000 762,000 75,000	504 505 509 514	\$2,030 22,000 0 0 0 0 0 0 0 88,000	511 512 513 515 517 518 521 522 523 524 525	5.000 104,822 5.241 25.156 23.554 60.000	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	\$55 7885 7885 7885 7885 7885 7885 7885 7
ANGIBLE COSTS  Inface Gasing  Infrace  Inf	401 402 403 405	52,000 655,000 782,000	504 505 509 514	\$2,030 22,000 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	63,645 28,592 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,564	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000	55 555 555 555 555 555 555 555 555 555
ANGIBLE COSTS  Inface Casing  armedists Cissing  docusion CasingAiner  bing  sthood Equipment  repling Unit  Ima Mover  dis  arme-Sub Surface (BH)  ints  white Traiser/Separation  action Plangers  college/Suprace  time/Company  time/	401 402 403 405	52,000 655,000 762,000 75,000	504 505 509 514	\$2,030 22,000 0 0 0 0 0 0 0 88,000	511 512 513 515 517 518 521 522 523 524 525 526	5.000 104,822 5.241 25.156 23.554 60.000	530 531 506 507 508 532 533 534	5,000 2,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	55 55 55 55 55 55 55 55 55 55 55 55 55
ANGIBLE COSTS  Inface Casing  Inface Casing  Inface Casing  Inface Casing  Inface Casing  Inface  Infa	401 402 403 405	52,000 655,000 762,000 75,000	504 505 509 514	\$2,030 22,000 0 0 0 0 0 88,000	511 512 513 515 517 518 521 522 523 524 525 526	5,000 102,282 5,000 102,282 5,000 104,482 5,241 25,158 23,584 60,000 591,960	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	\$55 7885 7885 7885 7885 7885 7885 7885 7
ANGIBLE COSTS  Infoce Casing Intermediate Cissing Oddoctron CasingAnner John Costs of CasingAnner John Costs of CasingAnner John CasingAnner J	401 402 403 405	52,000 655,000 762,000 75,000	504 505 509 514	\$2,030 22,000 0 0 0 0 0 88,000	511 512 513 515 517 518 521 522 523 524 525 526	5,000 102,282 5,000 102,282 5,000 104,482 5,241 25,158 23,584 60,000 591,960	530 531 506 507 508 532 533 534	5,000 2,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	55 55 55 55 55 55 55 55 55 55 55 55 55
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ANGIBLE COSTS  Infoce Casing Intrinsidate Casing Carringdate Casing Sithood Equipment Import Unit Into Nover Ords  Intrinsidate Casing Intrinsidate	401 402 403 405	52,000 655,000 762,000 75,000 1,464,000 5,277,100 35%	504 505 509 514	\$2,030 22,000 0 0 0 0 0 0 0 0 0 0 15,000 155,030 6,232,000	511 512 513 515 517 518 521 522 523 524 525 526	5.000 10.482 5.241 5.000 5.000 5.156 6.000 591,990 894,925	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	55 55 55 55 55 55 55 55 55 55 55 55 55
ANGIBLE COSTS  Infoce Casing Intrinsidate Casing Oddaction CasingAiner debring Stitute CasingAiner debringAiner debring debringAiner d	401 402 403 405	52,000 655,000 762,000 75,000 1,464,000 5,277,100	504 505 509 514	\$2,000 22,000 0 0 0 0 88,000	511 512 513 515 517 518 521 522 523 524 525 526	5.000 10.482 5.241 5.000 5.000 5.156 6.000 591,990 894,925	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	55 55 55 55 55 55 55 55 55 55 55 55 55
ANGIBLE COSTS  Inface Casing Infrace Casing Infrace Casing Infrace Casing Infrace Casing Infrace Casing Infrace Infrac	401 402 403 405	52,000 655,000 762,000 75,000 75,000 1,464,000 5,277,100 35% Data Propared:	504 505 509 514	52,030 22,000 0 0 0 0 0 0 0 0 15,000 155,030 8,232,000 55%	511 512 513 515 517 518 521 522 523 524 525 526	5.000 10.482 5.241 5.000 5.000 5.156 6.000 591,990 894,925	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	55 55 55 55 55 55 55 55 55 55 55 55 55
ANGIBLE COSTS  Inface Casing  armedists Cissing  document of the cost of the c	401 402 403 405	52,000 655,000 762,000 75,000 1,464,000 5,277,100 35%	504 505 509 514	\$2,000 22,000 0 0 0 0 88,000	511 512 513 515 517 518 521 522 523 524 525 526	5.000 10.482 5.241 5.000 5.000 5.156 6.000 591,990 894,925	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	55 55 55 55 55 55 55 55 55 55 55 55 55
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ANGIBLE COSTS  Infoce Casing Intrinsidate Casing Obstaction Casingfuner bing Sthood Equipment Import Unit Into Nover odes  Introduced Casingfuner  Intrinsidate I	401 402 403 405	52,000 655,000 762,000 75,000 75,000 1,464,000 5,277,100 35% Data Propared:	504 505 509 514	52,030 22,000 0 0 0 0 0 0 0 0 15,000 155,030 8,232,000 55%	511 512 513 515 517 518 521 522 523 524 525 526	5.000 10.482 5.241 5.000 5.000 5.156 6.000 591,990 894,925	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	55 55 55 55 55 55 55 55 55 55 55 55 55
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ANGIBLE COSTS  Inface Casing  armediate Casing  armediate Casing  armediate Casing  document  armediate Casing  armediate Casing  document  armediate Casing  and armediate Casing  armediate Casing	401 402 403 405	52,000 655,000 762,000 75,000 75,000 1,464,000 5,277,100 35% Data Propared:	504 505 509 514	52,030 22,000 0 0 0 0 0 0 0 0 15,000 155,030 8,232,000 55%	511 512 513 515 517 518 521 522 523 524 525 526	5.000 10.482 5.241 5.000 5.000 5.156 6.000 591,990 894,925	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	55 55 55 55 55 55 55 55 55 55 55 55 55
INGIBLE COSTS face Casing immediate Casing disclored Casing immediate Casing disclored System control System disclored Casing	401 402 403 405	\$2,000 655,000 762,000 75,000 75,000 1,464,000 5,277,100 35% Date Propared: COG Operating LLC By:	504 509 514 519 520	\$2,000 22,000 0 0 0 0 0 88,000 15,000 5,522,000 \$55%	511 512 513 515 517 518 521 522 523 524 525 526 516	63,645 26,552 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,564 60,000 591,990 894,925	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	55 55 55 55 55 55 55 55 55 55 55 55 55
INGIBLE COSTS face Casing immediate Casing disclored Casing immediate Casing disclored System control System disclored Casing	401 402 403 405	\$2,000 655,000 762,000 75,000 75,000 1,464,000 5,277,100 35% Date Propared: COG Operating LLC By:	504 509 514 519 520	52,030 22,000 0 0 0 0 0 0 0 0 15,000 155,030 8,232,000 55%	511 512 513 515 517 518 521 522 523 524 525 526 516	63,645 26,552 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,564 60,000 591,990 894,925	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	55 55 55 55 55 55 55 55 55 55 55 55 55
ANGIBLE COSTS  Inface Cashing  armediate Cashing  armediate Cashing  armediate Cashing  armediate Cashing  discipling  addiction Cashingtines  bing  addiction Cashingtines  and the cashingtines  and the cashingtines  disciplingtines  discipling	401 402 403 405	\$2,000 655,000 762,000 75,000 75,000 1,464,000 5,277,100 35% Date Propared: COG Operating LLC By:	504 505 509 514 519 520 527	\$2,000 22,000 0 0 0 0 0 88,000 15,000 5,522,000 \$55%	511 512 513 515 517 518 521 522 523 524 525 526 516	63,645 26,552 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,564 60,000 591,990 894,925	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	55 55 55 55 55 55 55 55 55 55 55 55 55





Diamondback Energy Incorporated 500 W. Texas Avenue, Ste. 1200 Midland, TX 79701

# Re: Well Proposal – Stove Pipe Federal Com #602H

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/1455 FWL, or a location in Sec 31 - T24S-R35E BHL: 50 FSL/1330 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 #602H well as a horizontal well at the above-captioned location to a TVD of approximately 12,550' and a MD of 22,936' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$14,982,855.00 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 terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

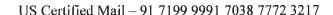
- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG proposes to acquire your interest via term assignment. It has the following general provisions:

- 3 year primary term
- Delivering a 75% NRI, proportionately reduced
- \$2,000 per net acre bonus consideration

The Term Assignment offer terminates 30 days from the date of this letter and is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at 432-685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #602H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #602H.
Company:	<del></del>
Ву:	
Name:	
Title:	<del></del>
Date:	





Burlington Resources Oil & Gas Company 600 N. Dairy Ashford Rd Houston, TX 77079

#### Re: Well Proposal – Stove Pipe Federal Com #602H

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/1455 FWL, or a location in Sec 31 - T24S-R35E BHL: 50 FSL/1330 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 #602H well as a horizontal well at the above-captioned location to a TVD of approximately 12,550' and a MD of 22,936' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$14,982,855.00 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 terms of the AAPL Form 610-1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would like to lease your minerals under the following general terms:

- Bonus of \$2,000 /Net Mineral Acre
- 3 Year Primary Term
- 25% Royalty Interest

The Lease offer is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at (432) 685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #602H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #602H.
Company:	
Ву:	
Name:	
Title:	
Date:	

#### COG OPERATING LLC AUTHORITY FOR EXPENDITURE DRILLING

WELL NAME:	STOVE PIPE FEDERAL COM #602H	PROSPECT NAME:	Bulldog 2535 (717109)
SHL	Sec 31: 270 FSL & 1455 FWL	STATE & COUNTY:	New Mexico, Lea
BHL:	Sec 7: 50 FSL & 1330 FWL	OBJECTIVE:	DRILL AND COMPLETE
FORMATION:	Wolfbone Pool	DEPTH:	22,936
LEGAL:	Sec 31: 24S-35E	TVD:	12,550

INTANGIBLE COSTS		Drig - Rig Release(0)		Completion(C)		Tank Bity Constrctn(TB)		Pmpg Equipment(PEO)	TOTAL
The Curative Permit	201	20,000							20,000
Insurance	202		302		200				2,500
Damages/Right of Way	203	20,000	303		351				7,000
Survey/Stake Location Location/Pits/Road Expense	205	135,000	305	10,000	352	45.000	400		
Drilling / Completion Overhead	205	11,100	306	15,000	353	45,000	360		190,000
Turnkey Contract	207	11,100	300						20.100
Footage Contract	208							$\overline{}$	-
Daywork Contract	209	984,000						-	984,000
Directional Criting Services	210	442.000							442,000
Fine Equipment			307	1,829,000					1,829,000
Frec Chemicals			308	473,000					473,000
Frac Prospant			309	814,000					814,000
Frac Proppent Transportation			310	399,000					399,000
Fuel & Power	211	211,000	311	68,000	354		367		279,000
Water	212	60,000	312	966,000			368		1,026,000
Bits	213	119,000	213	4,500			369		123,500
Mud & Chemicals	214	275,000	314	25,000			370		300,000
Drill Stem Test	215		315						0
Corling & Analysis	216								0
Cement Surface	217	28,000							28,000
Coment Intermodula	218	75,000							75,000
Coment 2nd Intermediate/Production	219	115,000							115,000
Cement Squeeze & Other (Kickoff Plug)	220	98.5					371		05.000
Float Equipment & Centralitiers	221	65,000							65,000
Casing Crows & Equipment	222	70,000	gan				270		70,000
Fishing Trois & Service Geologic/Engineering	223	11,400	323 324		355		372 373		11,400
Contract Labor	224	11,400 6,500	324	20,000	356	902 845	373	6,500	155,935
Company Supervision	228	08,600	326	15,000	357	122,805	375	6,500	81,600
Company Supervision	228	157,000	326	255,000	358		376	5,000	417,000
Testing Cosing/Tubing	228	30,000	328	5,000	330		377	3,000	35,000
Mud Lagging Unit	229	52,000	329	3,000			247		52,000
Logging	230	az,000	UEU				378	$\overline{}$	32,000
Partorating/Wireline Services	231	4,000	331	588,000			370		592,000
Stimutation/Treating		1	332	397,000			380		397,000
Completion Unit			333	138,000			381	0,800	146,800
Swatibing Unit			234				382		-
Remais-Surface	235	190,000	335	403,000	359		383	7,000	600,000
Rentals-Subsurface	236	150,000	336	30,000			384		180,000
Trucking/Forkilf/Rig Mobilization	237	200,000	337	20,000	360		385	3,000	223,000
Welding Services	238	3.000	338	5,000	361		386		8.000
Nater Disposal	239		339	60,000	362	135,000	387	250,000	445,000
Plug to Abendon	240		340						
Seismic Analysis	241		341						
Miscellaneous	242	18,000	342				309		10,000
Contingency	243	71,000	343	250,000	363		390		321,000
Glosed Loop & Environmental	244	330,000	344	5,000	364		368		335,000
Dyed Diasel	245		345	484,000					
Cal Tuting			346	750,000					750,000
Flowback Crows & Equip			347	48,000					48,000
Olfset Directions/Frac	248		348				391		0
TOTAL INTANGIBLES		3,921,100		8,076,500		302.935		260,300	12,580,835
TANGIBLE COSTS									
Surface Casing	404	E0.000							60.000
Intermediate Casing	401	52,000 555,000							52,000
Production Casing Liner	403	782,000							555,000 782,000
Tubing	400	782,000	504	52,030			530	5,000	57,030
Welhard Equipment	405	75,000	505	22,000			531	3,000	100,000
Pumping Unit	400	70,000	500	0			506	96,000	96,000
Prime Mover				0			507	24,000	56,000
Rods				0			508	55,000	55,000
Pumps-Sub Surface (BH)			509				532	5,000	5,000
Tanka			-		510	63,645	400		63,645
Flowlines					511	26,593			26,593
Heater Treater/Separator					512	140,007			140,007
Electrical System					513	130,000	533	15,000	145,000
Packers/Anchors/Hangers	414		514	66,000			534	2,000	68,000
Couplings/Fittings/Valves	415				515	102,282			102,282
Dehydration					517				
njection Plant/CO2 Equipment					518				
Pumps-Surface					521	5,000			5,000
Instrumentation/SCADA/POC					522	10,482	529	7,000	17,482
Miscellaneous	419		519		523	5,241	535	3,000	8,241
Contingency	420		520		524		536		
Asters/LACT					525	25,156			25,156
Plares/Combustors/Emission					528	23,584			23.58
Gas Litt/Compression			527	15,000	516	60,000	528		75,00
TOTAL TANGIBLES		1,464,000		155,030		591,990		191,000	2,402,02
TOTAL WELL COSTS		5,385,100		8,232,000		894,925		471,300	14.982.85
% of Total Well Cost		36%		55%		6%		3%	
COG Operating LLC		30%		4376		479		316	
						2			
		Date Prepared		2/70/19					
		COG Operating LLC							
Macanapanasa									
We approve:		SECONO SE		AL					
Ne approve: % Working Interest		By:							
% Working Interest		ву.							
% Working Interest		ву.							
% Working Interest Company:		ву							
% Working Interest Company:		By:							
% Working Interest Company:		<u> </u>							
% Working Interest Company:  By: Printed Name:			nie -	Su singles are caree !	11/ 1pm	rahara			
We approve:  56 Working Interest  Company:  By:  Printed Name:  Title:		This AFE is only an estimate	ale.	By signing you agree to pa	ıy your	r share			
% Working Interest Company:  By: Printed Name:				By signing you agree to pa	ıy your	r share			





Diamondback Energy Incorporated 500 W. Texas Avenue, Ste. 1200 Midland, TX 79701

# Re: Well Proposal – Stove Pipe Federal Com #603H

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/560 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 #603H well as a horizontal well at the above-captioned location to a TVD of approximately 12,550' and a MD of 23,090' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$14,974,855.00 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 terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

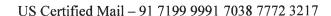
- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG proposes to acquire your interest via term assignment. It has the following general provisions:

- 3 year primary term
- Delivering a 75% NRI, proportionately reduced
- \$2,000 per net acre bonus consideration

The Term Assignment offer terminates 30 days from the date of this letter and is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at 432-685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #603H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #603H.
Company:	
By:	
Title:	
Date:	





Burlington Resources Oil & Gas Company 600 N. Dairy Ashford Rd Houston, TX 77079

Re: Well Proposal – Stove Pipe Federal Com #603H

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/560 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 #603H well as a horizontal well at the above-captioned location to a TVD of approximately 12,550' and a MD of 23,090' to test the Wolfbone Pool ("Operation"). The total cost of the Operation is estimated to be \$14,974,855.00 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 terms of the AAPL Form 610-1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would like to lease your minerals under the following general terms:

- Bonus of \$2,000 /Net Mineral Acre
- 3 Year Primary Term
- 25% Royalty Interest

The Lease offer is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at (432) 685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/NV 1 to 1 to 1 to 1 to 1 to 2 to 2 Pine Federal Come #602H
	I/We hereby elect to participate in the Stove Pipe Federal Com #603H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #603H.
Company:	
Ву:	
Name:	<del></del>
Title:	
Date:	

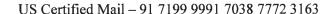
#### COG OPERATING LLC AUTHORITY FOR EXPENDITURE DRILLING

WELL NAME:	STOVE PIPE FEDERAL COM #603H	PROSPECT NAME:	Bulldog 2535 (717109)	
SHL	Sec 31: 270 FSL & 390 FWL	STATE & COUNTY:	New Mexico, Lea	_
BHL:	Sec 7: 50 FSL & 560 FWL	OBJECTIVE:	DRILL AND COMPLETE	_
FORMATION:	Wellbone Pool	DEPTH:	23.090	_
LEGAL:	Sec 31: 24S-35E	TVD:	12,550	

	_	100			_		-		
NTANGIBLE COSTS	201	Drig - Rig Release(D)		Completion(C)		Tank Bity Constrctn(TB)		Pmpq Equipment(PEO)	TOTA
Surance	201	20,000							
temages/Right of Way	203	20,000			351				2
urvey/Stake Location	204	7,000			352				20
ocation/Pits/Road Expense	205			10.000					
tilling / Completion Overhead		135,000		10,000	353	45,000	300		190
	206	11,100	308	15,000					26
ankey Contract	207								
oolage Contract	208								
nywork Contract	209	954,000							984
rectional Drilling Services	210	442,000							442
ac Equipment			307	1,829,000					1,829
ac Chemicals			308	473,000					473
no Proppant			309	814,000					814
at Propped Transportation			310	399,000					399
el & Powar	211	211,000			354		0.7		
blor				68,000	354		367		279
	212	60,000		966,000			368		1,028
	213	111,000		4,500			369		115
kd & Chemicals	214	275,000		25,000			370		300
li Stom Yest	215		315						
ring & Analysis	216								
ment Surface	217	28,000							26
rnact Intermediate	216	76,000							75
ment 2nd intermedials/Production	219	115,000							115
ment Squeeze & Other (Kickelf Plug)	220	110,000							115
M Equipment & Centralizers	221	ar are					371		
		65,000							65
sing Crews & Equipment	222	70,000							70
hing Tools & Service	223		323				372		
ologic/Eng/neering	224	11,400	324		355		373		11
ritrant Labor	225	6,500	325	20,000	356	122,935	374	6,500	155
mpany Supervision	226	66,600	328	15,000	357	,500	375	5,550	81
intract Supervision	227	157,000	327	255,000	358		376	5,000	417
sting Casing/Tubles	228	30,000	328	5,000	~40		377	3,000	
ki Logging Unit				5,000			3//		25
	229	52,000	329						52
oping	230						378		
rforating/Wirelms Services	231	4,000	331	588,000			379		592
ms/ation/Treating			332	397.000			380		397
empletion Unit			333	138,000			381	8,800	148
abbling Unit			334				382		
ntats-Surface	235	190,000	335	403,000	359			7.000	200
ntata-Subsurtace	236		336		753		383	7,000	600
cking/Forkill/Rig Mobilization		150,000		30,000			384		180
	237	200,000	337	20,000	360		385	0,000	223
Iding Services	238	3 000	338	5,000	361		386		8
ter Disposal	239		339	60,000	362	135,000	387	250,000	445
g to Abandon	240		340						-
smic Analysis	241		341						
cellanoous	242	10,000	342				389		10
nilingency	243	71,000	343	250,000	363		390		
sed Loop & Environmental	244	330,000	344		364				321
ed Dioset		330,000		5,000	364		188		335
17 Aug	245		345	484,000					-
f Tubing			346	750,000					750
wback Crews & Equip			347	48,000					48
set Directional/Frac	248		348				391		
TOTAL INTANGIBLES		3,913,100		8,076,500		302,935		280 300	12,572
NGIBLE COSTS									
rface Casing	404	50.000							
	401	52,000							52,
Armediate Casing	402	555,000							555.
duction Casing/Liner	403	782,000							782.
ing			504	52,030			530	5,000	57.
Shead Equipment	405	75,000	505	22,000			531	3,000	100,
ripling Unit							506	96,000	96
ne Mover							507		
ls .				0			508	55,000	
mps-Sub Surface (BH)			500						55
nks			-				532	5,000	5
					510	63,645			63
wilnes					511	26,593			26
aler Treater/Separator					512	140,007	. 9	22390 236	140
ctrical System					513	130,000	533	15.000	145
ckers/Anchors/Hangers	414		514	66,000	-		534	2,000	68.
plings/Fittings/Valves	415		- 1	31,700	\$15	102,282		6,000	102
hydration					517	102.202			102
ction Plant/CO2 Equipment									
					518				
nps-Surface					521	5,000			5
rumentation/SCADA/PDC					522	10,482	529	7,000	17
cellaneous	419	-	5.9		523	5,241	535	3.000	- 8.
tingency	420		520		524		536		
enAACT					525	25,156			25
as/Combustors/Emission					528				
LityCompression			E02	10.07		23.584			23
OTAL TANGIBLES			527		516	60,000	528		76
		1,464,000		155,030		591,990		191,000	2,402
TOTAL WELL COSTS		5,377,100		8,232,000		894,925		471,300	14,974
% of Total Well Cost		36%		55%		6%		3%	
G Operating LLC									
		Date Prepared:		2/2//19					
		COG Operating LLC							
approve:									
		12000							
% Working Interest		By:		AL.					
npany:									
led Name:									
(PO (TAILIE)									
(60 (44))		This AFE is only an ostim	ale. F	ly signing you agree to pay	יייטע זי	share			

of the actual costs incurred.

Dato:





Diamondback Energy Incorporated 500 W. Texas Avenue, Ste. 1200 Midland, TX 79701

# Re: Well Proposal - Stove Pipe Federal Com #701H

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/2220 FWL, or a location in Sec 31 - T24S-R35E BHL: 50 FSL/ 2310 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 #701H well as a horizontal well at the above-captioned location to a TVD of approximately 12,865' and a MD of 23,306' 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 terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

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If you have any	questions, please contact the undersigned at 432-685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #701H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #701H.
Company:	
Ву:	
Name:	
Title:	
Date:	<del></del>



Burlington Resources Oil & Gas Company 600 N. Dairy Ashford Rd Houston, TX 77079

Re: Well Proposal – Stove Pipe Federal Com #701H

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/2220 FWL, or a location in Sec 31 - T24S-R35E BHL: 50 FSL/2310 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 #701H well as a horizontal well at the above-captioned location to a TVD of approximately 12,865' and a MD of 23,306' 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 terms of the AAPL Form 610-1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

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- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

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- Bonus of \$2,000 /Net Mineral Acre
- 3 Year Primary Term
- 25% Royalty Interest

The Lease offer is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at (432) 685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #701H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #701H.
Company:	
Ву:	
Name:	
Title:	
Date:	

#### COG OPERATING LLC AUTHORITY FOR EXPENDITURE DRILLING

WELL NAME:	STOVE PIPE FEDERAL COM #701H	PROSPECT NAME:	Bulldog 2535 (717109)	
SHL:	Sec 31: 270 FSL & 2220 FWL	STATE & COUNTY:	New Mexico, Lea	
BHL:	Sec 7: 50 FSL & 2310 FWL	OBJECTIVE:	DRILL AND COMPLETE	
FORMATION:	Wolfbone Pool	DEPTH:	23,306	
LEGAL:	Sec 31: 24S-35E	TVD:	12,865	

	_						_		
INTANGIBLE COSTS Tida/Curative/Permit	201	Drlg - Rig Release(D) 20,000		Completion(C)		Tank Bity Constrctn(TB)		Pmpq Equipment(PEQ)	TOTAL 20,000
insurance	202	2,500	302						2,500
Damages/Right of Way	203	20,000	303		351				20,000
SurveyrStake Location	204	7,000			352				7,000
Location/Pits/Road Expense	205	135,000	305	10,000	357	45,000	364		190,000
Oriting / Completion Overhead Turnkey Contract	206	11,100	306	15,000					26,100
Footage Contract	208							3.00	0
Daywork Contract	209	964,000							964,000
Directional Drilling Services	210	480,000							480,000
Frac Equipment			307	1,829,000					1,829,000
Frac Chernicals			308	473,000					473,000
Frac Propent			309	814,000					399,000
Frec Proppart Transportation Fuel & Power	211	211,000	310 311	399,000	354		367		279,000
Wolei	212	80,000	312	966,000	304		368		1,046,000
Bas	213	119,000	313	4,500			369		123,500
Mud & Chemicals	214	275.000	314	25,000			370		300,000
Dritt Storn Test	215		315						0
Coring & Analysis	216								0
Coment Surface	217	38,000							38,000
Cernent Intermediate	218	75,000							75,000
Coment 2nd Intermediate/Production	219 220	115,000					371		115.000
Coment Squeeze & Other (Kickoff Plug) Floet Equipment & Centralizers	221	65,000					311		65,000
Casing Crews & Equipment	222	70,000							70,000
Fishing Tools & Service	223		323				372		0
Geotogic/Engineering	224	11.800	324		355		373		11,600
Contract Labor	225	6,500	325	20,000	358	122,935	374	6,500	155,935
Company Supervision	226	66,600	326	15,000	357		375		81,600
Contract Supervision	227 228	157,000	327 326	255,000 5,000	358		376	5,000	417,000 35,000
Testing Casing/Tubing Mud Logging Unit	228	30,000 70,000	326	5,000			311		70,000
Logging that	230	10,000	048	$\overline{}$			376		0
Perforating/Wireline Services	231	4,000	331	588,000			378		592,000
Simulation/Treating			332	397,000			380		397,000
Complation Unit			333	138,000			381	8,600	146,800
Swabbing Unit			334				382		0
Rentals-Surface	235	190,000	335	403,000	359		383	7,000	600,000
Rentals-Subsurface	236	150,000	338	30,000	-		384	1 000	223,000
Trucking/Forkitt/Rig Mobilization	237 238	3,000	337 338	20,000	360		385 386	3,000	8,000
Welding Services Water Disposal	239	3,000	339	50,000	362	135,000	387	250,000	445,000
Plug to Abandon	240		340			-			0
Selamic Analysis	241		341						0
Miscettaneous	242		342				289		0
Contingency	243	72,000	343	250,000	363		390		322,000
Closed Loop & Environmental	244	330,000	344	5,000	364		388		335,000
Dyed Diesel	245		345	484,000	ŝ				750 000
Coll Tubing Flowback Crews & Equip			346	750,000 48,000		$\overline{}$			750,000 48,000
Offset Directional/Frac	248		348	40,000			391		0
TOTAL INTANGIBLES		3,978,500		8,076,500		302.935		260,300	12,638,235
Secondary - 1									
TANGIBLE COSTS									
Surface Casing	401	48,000			8				48,000 555,000
Intermediate Casing	402 403	555,000 796,000			9				796,000
Production Castrig/Liner. Tubling	403	700,007	504	52,030			530	5,000	57,030
Wethead Equipment	405	76,000		22,000			531	3.000	100,000
Pumping Unit				0			50B		98,000
Prime Mover				0			507		0
Rods				0			508		55,000
Pumps-Sub Surface (BH)			509				532	\$,000	5,000
Tanks					510	<u>63,645</u> 26,593			63,645 26,593
Flowlines Heater Treater/Separator					512				140,007
Electrical System					513	130,000	533	15,000	145,000
Packers/Anchors/Hengers	414		514	66,000			534		68,000
Couplings/Valves	415				615				102.282
Delrydration					517				0
Injection PlanVCO2 Equipment					518				- 0
Pumps-Surface					521		529	7,000	5,000 17,482
Instrumentation/SCADAPOC Miscellaneous	419		519		522 523				8,241
Centinguncy	420		520		524		536		0
Metars/LACT					525				25,156
Flares/Combustors/Emission					526				23,584
Gas Lift/Compression			527	15,000			526		76,000
TOTAL TANGIBLES		1,474,000		155,030		591,990		181,000	2,412,020
TOTAL WELL COSTS		5,452,500		8,232,000	-	894,925		471,390	15,050,255
% of Total Well Cost		36%		55%	,	6%		3%	
COG Operating LLC									
		Date Present		2/29/19					
		Date Prepared:		22019					
		COG Operating LLC							
We approva:		-							
% Working Interest		By:		AL	_				
Company:									
The state of the s									
Ву.									
Printed Name:									
Title:		This AFE is only an estin	nale.	By signing you agree to p	ау уол	ur share			
Tisa: Oata:		This AFE is only an estin		By signing you agree to p	ay you	ur shere			





Diamondback Energy Incorporated 500 W. Texas Avenue, Ste. 1200 Midland, TX 79701

# 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 terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG proposes to acquire your interest via term assignment. It has the following general provisions:

- 3 year primary term
- Delivering a 75% NRI, proportionately reduced
- \$2,000 per net acre bonus consideration

The Term Assignment offer terminates 30 days from the date of this letter and is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at 432-6	85-2588 or mtipton@concho.com.
Respectfully,		
Megan L	Tipton	
Megan Tipton Landman		
	I/We hereby elect to participate in the Stove Pipe	Federal Com #702H.
	I/We hereby elect <u>not</u> to participate in the Stove P	ipe Federal Com #702H.
Company:		-
Ву:		
Name:		
Title:		
Date:		



US Certified Mail -

Chevron U.S.A. Inc. P. O. Box 2100 Houston, TX 77252

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").

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- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would like to lease your minerals under the following general terms:

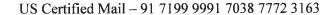
- Bonus of \$2,000 /Net Mineral Acre
- 3 Year Primary Term
- 25% Royalty Interest

The Lease offer is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at (432) 685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #702H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #702H.
Company:	
By:	
Name:	
Title:	
Date:	

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

notative/Permit		Release(D)		Completion(C)		Constrctn(TB)		Pmpg Equipment(PEO)	TOTAL
	201	20,000							20
	202	2.500	302						2,
Damages/Right of Way	200	20,000	303		351				20.
Survey/Stake Location	204	7,000			352				7,
ocation/Pits/Road Expense	205	135,000	305	10,000	353	45,600	366		190.
Drilling / Completion Overhead	200				000	43,000	avo		
		11,100	JUU	15.000					26,
Urnkey Contract	207		6						
ootage Contract	208								
Daywork Contract	209	964,000							984.
irractional Drilling Services	210	450,000							
	210	400,000							480,
rac Equipment			307	1,829,000					1,629.
rac Chemicals			308	473,000		2		A	473,
rac Proppart			309	814,000					
									814,
rac Proppant Transportation			310	399,000					399.
uel & Power	211	211,000	311	68,000	354		367		279,
falor.	212	80,000		960,000			368		1,046,
is.	213	119,000		4,500			369		120.
ud & Chemicals	214	275,000	314	25,000			370		300.
rill Stem Test	215		315						
	216								
oring & Analysis									
ement Surface	217	38,000							38,
ement Intermediate	218	75,000							75,
omens 2nd Intermedials/Production	219	115,000							
		113,000							115,
emant Squeaze & Other (Kickoff Plug)	220						371		
loat Equipment & Contrattrers	221	65,000							65,
ating Craws & Equipment	222	70,000							70,
		70,000							70)
Isting Tools & Service	223		323				372		
eologic/Engineering	224	11.800	324		355		373		11,
ontract Labor	225	6,500	325	20,000	356	122,935	374	6,500	155,
ompany Supervision	228	66,600	326	15,000				-1,500	
					357		375		81,
ontract Supervision	227	157,000	327	255,000	358		376	5,000	417,
esting Casing/Yubing	228	30,000	328	5,000			377		35,
fud Logging Unit	229	70.000	329						70,
		70,000	960						70,
ogging	230						378		
erforating/Wireline Services	231	4,000	331	588,000			379		592,
Smutation/Treating			332	397,000			380		397,
ompletion Unit			333	139,000			381	B,800	146,
wishing Unit			334				382		
entals-Surtace	235	190,000	335	403,000	359		383	7,000	600,
entals-Subsurface	236		336		505			- 7,000	
		150,000		30,000			384		180,
rucking/Forkit/Filig Mobilization	237	200,000	337	20.000	360		385	3,000	223,
relding Services	238	3,000	338	5,000	361		388		8.
ater Disposal	239		339		362	445.000	387	054 -05	
				60,000	305	135,000	30/	250,000	445,
ug to Abandon	240		340						
Namic Analysis	241		341			******			
iscellaneous	242		342				389		
ontingency	243	72,000	343	250,000	363		390		322,1
losed Loop & Environmental	244	330,000	344	5,000	364		388		335,
yed Dianel	245		345	484,000					
oli Tubing									-
			348	750,000					750,
owback Crews & Equip			347	48,000		5			48.4
Ifsel Directional/Frac	248		348						
							391		
		3.978.500		8.076.500		302 935	391	280,300	12 638
TOTAL INTANGIBLES		3,978,500		8,076,500		302,935	391	280,300	12,638,
TOTAL INTANGIBLES		3,978,500		8,076,500		302,935	391	280,300	12,638,
TOTAL INTANGIBLES  ANGIBLE COSTS		3,978,500		8,076,500		302,935	391	280,300	12,630,
	401			8,076,500		302,935	391	280,300	9
TOTAL INTANGIBLES  ANGIBLE COSTS  orlace Cesing		46,000		8,076,500		302,935	391	280,300	48,
TOTAL INTANGIBLES  ANGIBLE COSTS urface Casing termediate Casing	402	46,000 555,000		8,076,500		302,935	391	280,300	48,i 565,i
TOTAL INTANGIBLES  ANGIBLE COSTS  urface Casing  between Casing  concron Casing Liner  concron Casing Liner		46,000				302,935			48, 565, 796,
ANGIBLE COSTS urface Casing termediate Casing termediate Casing termediate Casing toduction Casingther	402	46,000 555,000	504	8,076,500 52,030		302,835	530	280,300	48,i 565,i
TOTAL INTANGIBLES  ANGIBLE COSTS  urface Casing  between Casing  concron Casing Liner  concron Casing Liner	402	46,000 555,000 796,000	504 505	52,030		302,935	530	5,000	48, 565, 796,
ANGIBLE COSTS urface Casing memorals Casing reduction Casing reduction Casing reduction Casingther abing detailed and casing reduction Casingther detailed Englament.	402 403	46,000 555,000		52,030 22,000		302,935	530 531	5,000	48, 565, 796, 67, 100,
TOTAL INTANGIBLES  ANGIBLE COSTS  urface Casing  nermediate Casing  occurrent Casing  ching  (rethread Equipment  umping Unit	402 403	46,000 555,000 796,000		52,030 22,000 0		302,935	530 531 506	5,000	48, 565, 796,
ANGIBLE COSTS urface Casing exemediate Casing oboution Casingtone ubing extreme Casingtone ubing extreme Casingtone ubing extreme Casingtone unique u	402 403	46,000 555,000 796,000		52,030 22,000 0 0		302,935	530 531 506 507	5,000	48, 565, 796, 67, 100,
ANGIBLE COSTS urface Casing benerodate Casing reduction Casingther bibling tethwad Equipment unping Uni Ima Mover odd	402 403	46,000 555,000 796,000		52,030 22,000 0		302,935	530 531 506	5,000 3,000 96,000	48, 565, 796, 67, 100,
ANGIBLE COSTS urface Casing beneficial Casing beduction Casingther bibling determediate Equipment unpoing Unit Ima Mover dids	402 403	46,000 555,000 796,000	50\$	52,030 22,000 0 0		302,935	530 531 506 507 508	5,000 3,000 95,000 55,000	48,1 555,5 796,1 57,1 100,1 96,1
ANGIBLE COSTS urface Casing bernnediate Casing bernnediate Casing boutcon CasingLiner obution CasingLiner obution destread Equioment umping Unit ima Mover ods urps-Sub Surface (BH)	402 403	46,000 555,000 796,000		52,030 22,000 0 0			530 531 506 507	5,000 3,000 96,000	48, 555, 796, 57,1 100,1 90,3
ANGIBLE COSTS  writes Cesting between Casing between Casing between Casing cookston Casingtuner bibling estimated Equipment amping tivit ima Mover odd umps-Sub Surface (8H) inks	402 403	46,000 555,000 796,000	50\$	52,030 22,000 0 0	510	63,645	530 531 506 507 508	5,000 3,000 95,000 55,000	48,1 565,1 796,1 67,1 100,1 96,0 55,1 63,1
ANGIBLE COSTS urface Casing memorals Casing reduction Casing reduction Casing reduction Casingther abing detailed and casing reduction Casingther detailed Englament.	402 403	46,000 555,000 796,000	50\$	52,030 22,000 0 0	510 511		530 531 506 507 508	5,000 3,000 95,000 55,000	48, 555, 796, 57,1 100,1 90,3
ANGIBLE COSTS urface Casing beneficial Casing beneficial Casing beduction Casingther bibling determediate Equipment unpoing Unit Ima Mover did umps-Sub Surface (8H) umbis bowlines	402 403	46,000 555,000 796,000	50\$	52,030 22,000 0 0	511	63,645 28,593	530 531 506 507 508	5,000 3,000 95,000 55,000	48.1 555.5 796.1 57.1 100.1 96.1 55.1 63.1 28.1
ANGIBLE COSTS urface Casing termediate	402 403	46,000 555,000 796,000	50\$	52,030 22,000 0 0		63,845 26,593 140,007	530 531 506 507 508	5,000 3,000 96,000 55,000 5,000	48,1 565,1 796,1 67,1 100,1 96,0 55,1 63,1
ANGIBLE COSTS  urface Casing between	402 403 405	46,000 555,000 796,000	50\$ 509	52,000 22,000 0 0 0	511	63,645 28,593	530 531 506 507 508 532	5,000 3,000 96,000 55,000 5,000	48,1 555,1 796,6 57,1 100,1 96,5 55,1 63,1 28,1 140,1
TOTAL INTANGIBLES  ANGIBLE COSTS  Inface Casing  enemediate Casing  ocucion Casing Uner  obing  dethead Equipment  impling Unit  ima Mover  dis  imps-Sub Surface (8H)  inks  inks  inder Trestwicksparator  actificial System  colorisal System  colo	402 403	46,000 555,000 796,000	50\$	52,030 22,000 0 0	511	63,845 26,593 140,007	530 531 506 507 508	5,000 3,000 96,000 55,000 5,000	48.1 555.7 796.1 57.1 100.1 96.1 55.1 63.1 26.3
ANGIBLE COSTS urface Casing beneficial Casing couction Casing there couction Casing there billing determediate Casing couction Casing Uniter billing determediate Casing couction Casing Uniter billing determediate umping Unit rime Mover did de umps-Sub Surface (BH) rinks under Transferdicparator actificial System acti	402 403 405	46,000 555,000 796,000	50\$ 509	52,000 22,000 0 0 0	511 512 513	63,845 26,593 140,007 130,000	530 531 506 507 508 532	5,000 3,000 96,000 55,000 5,000	48,1 565,1 796,4 57,1 100,1 96,5 55,1 63,1,1 28,1 140,1 145,6
ANGIBLE COSTS  writing Casing bernediate Casing bernediate Casing bernediate Casing between Equipment surpling User  was provided Casing between Equipment surpling User  was Avover  add  Jumps-Sub Surface (BH) mick owlines  mainer Treater/Separator outlineal System octorical System octorical System octorical System octorical System octorical System	402 403 405	46,000 555,000 796,000	50\$ 509	52,000 22,000 0 0 0	511 512 513 515	63,845 26,593 140,007	530 531 506 507 508 532	5,000 3,000 96,000 55,000 5,000	48,1 555,1 796,6 57,1 100,1 96,5 55,1 63,1 28,1 140,1
ANGIBLE COSTS  urface Casing between	402 403 405	46,000 555,000 796,000	50\$ 509	52,000 22,000 0 0 0	511 512 513 515 517	63,845 26,593 140,007 130,000	530 531 506 507 508 532	5,000 3,000 96,000 55,000 5,000	48,1 565,1 796,4 57,1 100,1 96,5 55,1 63,1,1 28,1 140,1 145,6
ANGIBLE COSTS urface Casing benerodiate Casing couction Casingtuner bibling dethead Equipment umping Unit ima Mover did umpins Sub Surface (BH) inks umpins Sub	402 403 405	46,000 555,000 796,000	50\$ 509	52,000 22,000 0 0 0	511 512 513 515	63,845 26,593 140,007 130,000	530 531 506 507 508 532	5,000 3,000 96,000 55,000 5,000	48,1 565,1 796,4 57,1 100,1 96,5 55,1 63,1,1 28,1 140,1 145,6
ANGIBLE COSTS urface Casing benerodiate Casing couction Casingtuner bibling dethead Equipment umping Unit ima Mover did umpins Sub Surface (BH) inks umpins Sub	402 403 405	46,000 555,000 796,000	50\$ 509	52,000 22,000 0 0 0	511 512 513 515 517	63,845 28,593 140,007 130,000	530 531 506 507 508 532	5,000 3,000 96,000 55,000 5,000	48,1 555,5 798,4 67,1 100,0 96,5 55,1 63,1 26,5 140,0 145,6 88,1 102,2
TOTAL INTANCIBLES  ANGIBLE COSTS  rifece Casing  semendated Stearing  oscidon Casingtiner  bothy  determediate Stearing  oscidon Casingtiner  bothy  determed Equipment  moining Unit  imma Mover  odd  miss-Sub Surface (8H)  miss  miss-Sub Surface (8H)  miss  mainer Treater/Reparator  actinical System  colorion S	402 403 405	46,000 555,000 796,000	50\$ 509	52,000 22,000 0 0 0	511 512 513 515 517 518 521	63,845 26,593 140,007 130,000	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 115,000 2,000	48,4 565,5 57,6 57,7 100,0 96,4 55,6 83,4 26,6 145,1 145,1 102,2
ANGIBLE COSTS  urface Casing between	402 403 405	46,000 555,000 796,000	505 509 514	52,000 22,000 0 0 0	511 512 513 515 517 518 521 522	53,645 28,593 140,007 130,000 102,282 5,000 10,482	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000	48,1 555,5 78,9 67,4 100,0 66,0 55,5 6,1 140,0 140,0 102,1 17,1
ANGIBLE COSTS  riface Casing  series	402 403 405	46,000 555,000 796,000	50\$ 509	52,000 22,000 0 0 0	511 512 513 515 517 518 521	53,645 28,593 140,007 130,000 102,282 5,000 10,482	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 115,000 2,000	48,4 565,5 57,6 57,7 100,0 96,4 55,6 83,4 26,6 145,1 145,1 102,2
TOTAL INTANGIBLES  ANGIBLE COSTS  riface Casing  emendiate Casing  coluction Casingtuner  bibling  ethical Equioment  moting Usts  imma Mover  odd  odd Cost Surface (8H)  nick  minist  minist  minist  mainer Treater/Separator  actifical System  beters/Anchots/Hangers  updings/Hangers  updings/H	402 403 408 414 415	46,000 555,000 796,000	505 509 514	52,000 22,000 0 0 0	511 512 513 515 517 518 521 522 523	53,645 28,593 140,007 130,000 102,282 5,000	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000	48,1 555,5 78,9 67,4 100,0 66,0 55,5 6,1 140,0 140,0 102,1 17,1
TOTAL INTANCIBLES  ANGIBLE COSTS  riface Casing  arenegiate Casing  poduction Casingtiner  obing  determediate Casing  poduction Casingtiner  obing  determed Eculorment  moting Unit  ima Mover  odd  mps-Sub Surface (8H)  nits  owlines  substrate Treater/Separation  certified System  celear/Anchoruntangers  substrate/Separation  celear/Anchoruntangers  substrate/Separation  celear/Separation  c	402 403 405	46,000 555,000 796,000	505 509 514	52,000 22,000 0 0 0	511 512 513 515 517 518 521 522 523 524	63,845 28,593 140,007 130,000 102,282 5,000 10,482 5,241	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000	48,1 555,5 57,0 90,0 90,0 55,1 63,1 140,0 102,1 15,1 17,7,1 8,2
TOTAL INTANGIBLES  ANGIBLE COSTS  riface Casing  enternediate Casing  oduction Casing  oduction Casingburier  bing  dethread Equioment  enoing Unit  ma Mover  ds  mps-Stb Surface (BH)  nits  whites  alter Treates/Separator  actical System  clears/Anchocs/Nangers  suplings/Titings/Nahes  hight-dulon  action Plank/CO2 Equipment  mps-Surface  timmentation/SCADAPOC  socilaneous  surfaces  stringency  sters/AnCT	402 403 408 414 415	46,000 555,000 796,000	505 509 514	52,000 22,000 0 0 0	511 512 513 515 517 518 521 522 523 524 525	53,845 28,593 140,007 130,000 102,282 5,000 10,482 5,241	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000	48,1 555,5 798,9 96,4 96,4 55,1 140,0 140,0 102,1 177,1 177,1 1,2 1,2 1,2 1,3 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4
TOTAL INTANGIBLES  ANGIBLE COSTS risec Casing serrections of casing conceon Casingtiner bothough good conceon casingtiner bothough good conceon casingtiner bothough good conceon casingtiner bothough good conceon casingtiner defined Equipment mass Avoir conceon conceon casingtiner did conceon casingtiner did conceon casingtiner defined System casingtiner defined System casingtiner defined System defined Syste	402 403 408 414 415	46,000 555,000 796,000	505 509 514 \$19 520	52,000 22,000 0 0 0	511 512 513 515 517 518 521 522 523 524	63,845 28,593 140,007 130,000 102,282 5,000 10,482 5,241	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000	48,1 555,5 57,0 90,0 90,0 55,1 63,1 140,0 102,1 15,1 17,7,1 8,2
TOTAL INTANGIBLES  ANGIBLE COSTS risec Casing serrections of casing conceon Casingtiner bothough good conceon casingtiner bothough good conceon casingtiner bothough good conceon casingtiner bothough good conceon casingtiner defined Equipment mass Avoir conceon conceon casingtiner did conceon casingtiner did conceon casingtiner defined System casingtiner defined System casingtiner defined System defined Syste	402 403 408 414 415	46,000 555,000 796,000	505 509 514	\$2,030 22,000 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525	53,845 26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,584	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000	48,1 565,5 57,66,6 57,7 100,0 96,6 55,1 63,3 68,5 68,5 140,0 145,1 102,1 17,7 17,7 17,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1
TOTAL INTANGIBLES  ANGIBLE COSTS  riface Casing  semendated Classing  oscution CasingsLiner  olong  determediated Classing  oscution CasingsLiner  olong  determediated Classing  oscution CasingsLiner  olong  determediated Classing  oscution CasingsLiner  determediated Classing  owlines  anter Treater/Separator  catifical System  cation Plant/Cod Equipment  separat/Anchorus/Langers  supplicitys-Tiltings/Vahres  hydration  action Plant/Cod Equipment  action Plant/Cod Equipmen	402 403 408 414 415	48,000 555,000 796,000 75,000	505 509 514 \$19 520	\$2,000 22,000 0 0 0 0 0 66,000	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 130,000 102,282 5,241 25,158 23,584 60,000	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 798,9 906,0 906,0 55,5 5,6 63,1 140,1 102,2 5,7 7,7 6,2 2,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1
TOTAL INTANGIBLES  ANGIBLE COSTS flace Casing semediate Casing strendiate Casing sourcion Casingtuner poling stread Equipment mpling Unit me Mover ds mpling Unit Mis summers ds mppi-Sub Surface (BH) Mis summers ds mpi-Sub Surface (BH) Mis summers deligent improvement more Substance deligent improvement more Substance deligent improvement more Substance deligent improvement more Substance more	402 403 408 414 415	48,000 555,000 796,000 75,000	505 509 514 \$19 520	\$2,030 22,000 0 0 0 0 0 0 66,000	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,584 60,000 581,990	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 796,9 90,0 90,0 55,1,5 63,1 26,6 63,1 145,6 88,1 102,2 17,7,1 8,2 2,5 17,7,1 8,2 17,7 17,7 17,7 17,7 18,2 18,2 18,2 18,2 18,2 18,2 18,2 18,2
TOTAL INTANGIBLES  ANGIBLE COSTS flace Cealing strendgliate Casing posucion Casingtuner pling between Equipment moding Unit mes Mover  ds mps-Subsurface (BH) mis wilnes area Treater/Separator critical System client System clie	402 403 408 414 415	48,000 555,000 796,000 75,000	505 509 514 \$19 520	\$2,000 22,000 0 0 0 0 0 66,000	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 130,000 102,282 5,241 25,158 23,584 60,000	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 798,9 906,0 906,0 55,5 5,6 63,1 140,1 102,2 5,7 7,7 6,2 2,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1
TOTAL INTANGIBLES  INGIBLE COSTS face Gealing face Gealing face dealing face dealin	402 403 408 414 415	46,000 555,000 796,000 75,000	505 509 514 \$19 520	\$2,000 22,000 0 0 0 0 0 0 0 0 155,030 155,030 8,232,000	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 190,000 102,282 5,000 10,482 5,241 23,156 23,584 60,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 98,000 5,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 796,9 90,0 90,0 55,1,5 63,1 26,6 63,1 145,6 88,1 102,2 17,7,1 8,2 2,5 17,7,1 8,2 17,7 17,7 17,7 17,7 18,2 18,2 18,2 18,2 18,2 18,2 18,2 18,2
TOTAL INTANGIBLES  ANGIBLE COSTS flace Casing trace desiring trace desiring trace desiring trace desiring trace desiring topostorion Casingtuner biling thewat Equipment mpoing Unit may Moyer ds mps-Sub Surface (BH) kis willings trace desiring tra	402 403 408 414 415	48,000 555,000 796,000 75,000	505 509 514 \$19 520	\$2,030 22,000 0 0 0 0 0 0 66,000	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,584 60,000 581,990	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 796,9 90,0 90,0 55,1,5 63,1 26,6 63,1 145,6 88,1 102,2 17,7,1 8,2 2,5 17,7,1 8,2 17,7 17,7 17,7 17,7 18,2 18,2 18,2 18,2 18,2 18,2 18,2 18,2
TOTAL INTANGIBLES  ANGIBLE COSTS flace Cesting strengelate Casing between Casingtuner biting between Equipment mpoling Unit may Moyer ds mps-Sub Surface (6H1) mks willines anair Treate/Separator cirical System certifical System	402 403 408 414 415	46,000 555,000 796,000 75,000	505 509 514 \$19 520	\$2,000 22,000 0 0 0 0 0 0 0 0 155,030 155,030 8,232,000	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 190,000 102,282 5,000 10,482 5,241 23,156 23,584 60,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 98,000 5,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 796,9 90,0 90,0 55,1,5 63,1 26,6 63,1 145,6 88,1 102,2 17,7,1 8,2 2,5 17,7,1 8,2 17,7 17,7 17,7 17,7 18,2 18,2 18,2 18,2 18,2 18,2 18,2 18,2
TOTAL INTANGIBLES  ANGIBLE COSTS  riface Casing semediate Casing obscion Casingtuner bing bing devision Casingtuner bing devision Education mediate Casing obscion Casingtuner bing devision Casingtuner bing devision Casingtuner dispersion mediated Casingtuner dispersion mediated Casingtuner devision mediated Casingtuner devision Casingtuner devision PlanckOQ Equipment mediated Casingtuner devision PlanckOQ Equipment devision PlanckOQ Equipment devision PlanckOQ Equipment dev	402 403 408 414 415	46,000 655,000 796,000 75,000 1,474,000 5,452,500 36%	505 509 514 \$19 520	52,030 22,000 0 0 0 0 0 0 0 0 0 0 0 15,000 155,030 8,232,000	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 190,000 102,282 5,000 10,482 5,241 23,156 23,584 60,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 98,000 5,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 796,9 90,0 90,0 55,1,5 63,1 26,6 63,1 145,6 88,1 102,2 17,7,1 8,2 2,5 17,7,1 8,2 17,7 17,7 17,7 17,7 18,2 18,2 18,2 18,2 18,2 18,2 18,2 18,2
TOTAL INTANGIBLES  ANGIBLE COSTS  riface Casing semediate Casing obscion Casingtuner bing bing devision Casingtuner bing devision Education mediate Casing obscion Casingtuner bing devision Casingtuner bing devision Casingtuner dispersion mediated Casingtuner dispersion mediated Casingtuner devision mediated Casingtuner devision Casingtuner devision PlanckOQ Equipment mediated Casingtuner devision PlanckOQ Equipment devision PlanckOQ Equipment devision PlanckOQ Equipment dev	402 403 408 414 415	46,000 555,000 796,000 75,000 75,000 1,474,000 5,452,500 36% Date Prepared:	505 509 514 \$19 520	\$2,000 22,000 0 0 0 0 0 0 0 0 155,030 155,030 8,232,000	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 190,000 102,282 5,000 10,482 5,241 23,156 23,584 60,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 98,000 5,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 796,9 90,0 90,0 55,1,5 63,1 26,6 63,1 145,6 88,1 102,2 17,7,1 8,2 2,5 17,7,1 8,2 17,7 17,7 17,7 17,7 18,2 18,2 18,2 18,2 18,2 18,2 18,2 18,2
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ANGIBLE COSTS  urface Casing semendated Casing resourced Casing termed to the cost of the	402 403 408 414 415	46,000 555,000 796,000 75,000 75,000 1,474,000 5,452,500 36% Date Prepared: COG Operating LLC	505 509 514 \$19 520	52,000 22,000 0 0 0 0 0 0 0 0 155,000 155,030 8,232,000 55%	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 190,000 102,282 5,000 10,482 5,241 23,156 23,584 60,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 98,000 5,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 796,9 90,0 90,0 55,1,5 63,1 26,6 63,1 145,6 88,1 102,2 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7
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ANGIBLE COSTS  wiface Casing Bernediate Cesting Description Casing Description Cost of Casing Description Cost of Casing Description Cost of Casing Cost of	402 403 408 414 415	46,000 555,000 796,000 75,000 75,000 1,474,000 5,452,500 36% Date Prepared: COG Operating LLC	505 509 514 \$19 520	52,000 22,000 0 0 0 0 0 0 0 0 155,000 155,030 8,232,000 55%	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 190,000 102,282 5,000 10,482 5,241 23,156 23,584 60,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 98,000 5,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 796,9 90,0 90,0 55,1,5 63,1 26,6 63,1 145,6 88,1 102,2 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7
ANGIBLE COSTS  urface Casing semendated Casing resourced Casing termed to the cost of the	402 403 408 414 415	46,000 555,000 796,000 75,000 75,000 1,474,000 5,452,500 36% Date Prepared: COG Operating LLC	505 509 514 \$19 520	52,000 22,000 0 0 0 0 0 0 0 0 155,000 155,030 8,232,000 55%	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 190,000 102,282 5,000 10,482 5,241 23,156 23,584 60,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 98,000 5,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 796,9 90,0 90,0 55,1,5 63,1 26,6 63,1 145,6 88,1 102,2 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7
ANGIBLE COSTS  wiface Casing Bernediate Cesting Description Descri	402 403 408 414 415	46,000 555,000 796,000 75,000 75,000 1,474,000 5,452,500 36% Date Prepared: COG Operating LLC	505 509 514 \$19 520	52,000 22,000 0 0 0 0 0 0 0 0 155,000 155,030 8,232,000 55%	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 190,000 102,282 5,000 10,482 5,241 23,156 23,584 60,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 98,000 5,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 796,9 90,0 90,0 55,1,5 63,1 26,6 63,1 145,6 88,1 102,2 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7
ANGIBLE COSTS  wiface Casing Bernediate Cesting Description Casing Description Cost of Casing Description Cost of Casing Description Cost of Casing Cost of	402 403 408 414 415	46,000 555,000 796,000 75,000 75,000 1,474,000 5,452,500 36% Date Prepared: COG Operating LLC	505 509 514 \$19 520	52,000 22,000 0 0 0 0 0 0 0 0 155,000 155,030 8,232,000 55%	511 512 513 515 517 518 521 522 523 524 525 526	53,845 28,593 140,007 190,000 102,282 5,000 10,482 5,241 23,156 23,584 60,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 98,000 5,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 796,9 90,0 90,0 55,1,5 63,1 26,6 63,1 145,6 88,1 102,2 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7
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TOTAL INTANGIBLES  ANGIBLE COSTS  riface Casing semendated Casing obsection Casingtuner billing betweed Equioment moling Litri mas Mover ds mps-Sub Surface (8H) nks willines mater Treate/Separator certifical System certifical Sy	402 403 408 414 415	48,000 555,000 796,000 75,000 75,000 1,474,000 5,452,500 36% Date Prepared: COG Operating LLC By:	505 509 514 \$19 520 527	52,000 22,000 0 0 0 0 0 0 66,000 155,000 8,222,000 8,222,000	511 512 513 515 517 518 521 522 523 524 516	53,845 28,593 140,007 130,000 102,282 5,241 25,156 23,384 60,000 591,990 894,925	530 531 506 507 508 532 533 534	5,000 3,000 98,000 5,000 5,000 15,000 2,000 7,000 3,000	48,1 555,5 796,9 90,0 90,0 55,1,5 63,1 26,6 63,1 145,6 88,1 102,2 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7





Diamondback Energy Incorporated 500 W. Texas Avenue, Ste. 1200 Midland, TX 79701

# Re: Well Proposal – Stove Pipe Federal Com #703H

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/1515 FWL, or a location in Sec 31 - T24S-R35E BHL: 50 FSL/1650 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 #703H well as a horizontal well at the above-captioned location to a TVD of approximately 12,865' and a MD of 23,302' 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 terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

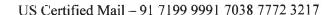
- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG proposes to acquire your interest via term assignment. It has the following general provisions:

- 3 year primary term
- Delivering a 75% NRI, proportionately reduced
- \$2,000 per net acre bonus consideration

The Term Assignment offer terminates 30 days from the date of this letter and is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at 432-685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #703H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #703H.
Company:	
Ву:	
Name:	





Burlington Resources Oil & Gas Company 600 N. Dairy Ashford Rd Houston, TX 77079

Re: Well Proposal – Stove Pipe Federal Com #703H

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/1515 FWL, or a location in Sec 31 - T24S-R35E BHL: 50 FSL/1650 FWL, or a location in Sec 7 - T25S-R35E

Lea County, New Mexico

#### Dear Sir/Madam:

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COG is proposing to drill this well under the terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would like to lease your minerals under the following general terms:

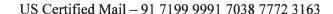
- Bonus of \$2,000 /Net Mineral Acre
- 3 Year Primary Term
- 25% Royalty Interest

The Lease offer is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at (432) 685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #703H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #703H.
Company:	
D	
Name:	
Title:	
Date:	

WELL NAME:	STOVE PIPE FEDERAL COM #703H	PROSPECT NAME:	Buildog 2535 (717109)
SHL:	Sec 31: 270 FSL & 1515 FWL	STATE & COUNTY:	New Mexico, Lea
BHL:	Sec 7: 50 FSL & 1650 FWL	OBJECTIVE:	DRILL AND COMPLETE
FORMATION.	Wolfbone Pool	DEPTH:	23.302
LEGAL	Sec 31: 24S-35E	TVD:	12,865

Title/Curative/Permit	001	Orlq - Riq Release(D)		Completion(C)		Tank Bity Constrctn(TB)		Pmpg Equipment(PEO)	TOT
	201	20,000						and the second second second	
nsurance	202	2.500	302	!					
Damagas/Right of Way	203	20,000	300		351				
Survey/Stake Location	204	7,000			352				-
ocation/Pits/Road Expense	205	135,000		10,000					
					353	45,000	388		21
Arilling / Completion Overhead	206	11,100	306	15,000					
Furnitary Contract	207								
ootage Contract	208								
Daywork Contract	209	964,000							
									9
Frectional Dritting Services	210	480,000							4
rac Equipment			307	1.829,000					
rec Chemicals			308						1.8
									4
rac Proppant			309	814,000					6
rac Proppant Transportation			310	399,000					. 3
uel & Power	211	211,000			354		367		
					034				2
Water	212	80,000	312	966,000			368		1,0
ins .	213	119,000	313	4,500			369		13
dud & Chemicals	214	275,000					370	-	3
Oriti Storm Test	215						3.4		
			315						
Coring & Analysis	216								
Coment Surface	217	38,000						***************************************	
Sament Intermediate	218	75,000							
Demant 2nd Intermediate/Production	219								
		115,000							1
Cement Squeeze & Other (Kickoff Plug)	220						371		
fort Equipment & Centralizers	221	85,000							
Cosing Craws & Equipment	222	70,000							
		70,000							
Ishing Tools & Service	553		323				372		_
seologic/Engineering	224	11,600	324		355		373		
Contract Labor	225	6,500	325	20,000	350	122,935	374	6,500	10
Company Supervision			326			166,000		9,300	
	226	66,600			357		376		
Contract Supervision	227	157,000	327	255,000	358		376	5,000	4
Testing Casting/Tubing	228	30,000	328	5,000			377		
Mud Logging Unit	229	70,000							
		10,000							
	230						378		_
Perforating/Wireline Services	231	4,000	331	588,000			379		55
Strnutation/Treating			332	397,000			380		3
Dempletion Unit			333						
				138,000			381	8,800	1/
Switching Unit			334				362		92
Rontais-Surface	235	190,000	335	403,000	350		383	7,000	60
Rontats-Subsurface	236	150,000	336	20,000			384		10
rucking/ForkilfVRig Mobilization	237	200,000	337	20,000	360		385	3,000	2
Walding Services	238	3,000	338	5,000	381		386		
Water Disposal	239		339	60,000	362	135,000	387	250,000	- 44
Plug to Abandon	240		340				-0,		
Seismic Analysis	241		341						
Aiscellaneous	242		342				389		
Contingency	243	72,000	242	250,000	363		390		39
Closed Loop & Environmental	244	230,000	344	5,000	364		388		33
Dyed Diosel	245		345	484,000					
Coll Tubing			348	750,000					75
lowback Craws & Equip			347	46,000					
				40,000					
	248		348				391		55
TOTAL INTANGIBLES		3,978,500		8,076,500		302,935		280,300	12,63
TANGIBLE COSTS									
Surface Casing									
Schlade Casing	401	48,000							
	402								- 55
ntermediate Cesting		555,000							
ntermediate Cesting									
ntermediate Cesting Production Casting/Liner	403	796,000	COA	- formin					79
ntermediate Cesting Troduction Casing Liner Jubing	403	796,000	504	52,030			530	5,000	79
ntermediate Cesing roduction Casing/Liner Voling Volfmad Equipmont			504 505	22,000			531	5,000	79
ntermediate Cesing roduction Casing-Liner ubing vertical Equipmonit temping Unit	403	796,000						3,000	
ntermediate Cesing Froduction Casing/Liner Nobing Relitand Equipmonit Pumping Unit	403	796,000		22,000			531 506		79
ntermediate Cealing 'roduction Cashingtiner ubiling Yelfhead Equipmonit 'romping Unit rime Mover	403	796,000		22,000 0 0			531 506 507	3,000 96,000	79
ntermediale Cealing roduction Casing/Liner ubling Nethread Equipmonit rumping Unit rime Mover lods	403	796,000	505	22,000			531 506 507 508	3,000 96,000 55,000	78 8 10 6
ntermediate Cealing roduction Casingfuner bibling relations deurement running Unit ritine Mover lede umps Sub Surface (BH)	403	796,000		22,000 0 0			531 506 507	3,000 96,000	78 8 10 6
ntermediate Cealing roduction Casingfuner bibling relations deurement running Unit ritine Mover lede umps Sub Surface (BH)	403	796,000	505	22,000 0 0 0	510	24 EA	531 506 507 508	3,000 96,000 55,000	78 8 10 6
Intermediate Cealing  "roduction Cashing"Liner  Nethrand Equipmont  "remping Unit  frime Mover  Rods  "umps-Sub Surface (8H)  anks	403	796,000	505	22,000 0 0 0	510	63,845	531 506 507 508	3,000 96,000 55,000	78
ntermediate Cealing Production Cashing Inter- ubling Nethead Equipment umping Unit rime Mover lods umps-Sub Surface (BH) anks lowlines	403	796,000	505	22,000 0 0 0	511	26,593	531 506 507 508	3,000 96,000 55,000	78 8 10 6
ntermediate Cealing  roduction Castingtiner  ubling  Vethraad Equipmonit  uniping Unit  rime Mover  lods  umps-Sub Surface (BH)  anks  lowlinas  leater Treater/Soparator	403	796,000	505	22,000 0 0 0			531 506 507 508	3,000 96,000 55,000	78
ntermediate Cealing  roduction Cashing-Liner  bibling  VetRead Equipment  verping Unit  rimin Mover  lodo  l	403	796,000	505	22,000 0 0 0	511	26,593 140,007	531 506 507 508	3,000 96,000 55,000	79 8 10 6
ntermediate Cealing  roduction Cashing Liner  ubiling  velthead Equipmonit  tumping Unit  rime Mover  lods  umps-Sub Surface (8H)  arins  lowlines  lowlines  loster Treater/Separator  lactical System	403	796,000	505	22,000 0 0 0	511	26,593	531 506 507 508 532	3,000 96,000 55,000 5,000	78 5 10 6 6 5 2 14 14
ntermediate Cealing  roduction Casingfuner  ubling  rotational Equipmonit  tumping Linit  trinine Mover  looks  tomps-Sub Surface (8H)  anks  loutions  leater Treater/Separator  leaters Tystem  leaters Tystem  leaters System	403 405 414	796,000	505	22,000 0 0 0	511 512 513	26,593 140,007 130,000	531 506 507 508	3,000 96,000 55,000 5,000	79 8 10 8 9 9 14 14
intermediate Cealing  reduction Cashing-Liner  ubling  Verticad Equipment  umpring Liner  rime Mover  lods  umps-Sub Surface (BH)  anks  lowlines  leater Treater/Soperator  leaters Lystem  loopings/Filmings/valves  oopings/Filmings/valves	403 405	796,000	505	22,000 0 0 0	511 512 513 515	26,593 140,007	531 506 507 508 532	3,000 96,000 55,000 5,000	78 5 10 6 6 5 2 14 14
ntermediate Cealing  roduction Cashing Liner  ubiling  volthead Equipmonit  tumping Unit  rime Mover  lods  umps-Sub Surface (9H)  arins  lowlines  lowlines  lowlines  lactor Treater/Separator  lactoriat System  actors/Anchors/Hangers  loobings/Timing Vrahves  ethydration	403 405 414	796,000	505	22,000 0 0 0	511 512 513	26,593 140,007 130,000	531 506 507 508 532	3,000 96,000 55,000 5,000	79 8 10 8 9 9 14 14
intermediate Cealing reduction Casting Liner ubling relationat Equipmonit umping Unit rime Mover odds umps-Sub Surface (9H) anks low-lines low-lin	403 405 414	796,000	505	22,000 0 0 0	511 512 513 515 517	26,593 140,007 130,000	531 506 507 508 532	3,000 96,000 55,000 5,000	79 8 10 8 9 9 14 14
Intermediate Cealing Troduction Caxing/Liner Uniting Verlinad Equipment Trime Mover ods Trime	403 405 414	796,000	505	22,000 0 0 0	511 512 513 515 517 518	26,593 140,007 130,000 102,282	531 506 507 508 532	3,000 96,000 55,000 5,000	75 5 10 5 5 2 14 14 6
Intermediate Cealing Troduction Castingt Inter Uniting Veillhand Equipmonit Unity Intermediate Unity Interme	403 405 414	796,000	505	22,000 0 0 0	511 512 513 515 517 518 521	26,593 140,007 130,000 102,282	531 506 507 508 532 533 534	2,000 96,000 55,000 5,000 15,000 2,000	75 8 10 5 5 5 6 2 14 14 6
intermediate Cealing  reduction Casingfuner  ubling  relative Equipment  tumping Unit  tumps Sub Surface (8H)  anks  tumps-Sub Surface (8H)  anks  leater Treater/Separator  l	403 405 414	796,000	505	22,000 0 0 0	511 512 513 515 517 518	26,593 140,097 130,000 102,282 5,000 10,482	531 506 507 508 532	3,000 96,000 55,000 5,000	75 5 10 5 5 2 14 14 6
Intermediate Cealing Troduction Casing/Liner Ushing Telefand Equipment Telefand Equipment Telefand Equipment Telefand Te	403 405 414	796,000	505	22,000 0 0 0	511 512 513 515 517 518 521 522	26,593 140,097 130,000 102,282 5,000 10,482	531 506 507 508 532 533 534	2,000 96,000 55,000 5,000 15,000 2,000	75 5 10 5 5 4 11 14 14
intermediate Cealing  reduction Castingfuner  ubling  Vettrade Equipment  verping Unit  trime Mover  lods  umps-Sub Surface (BH)  anks  louvines  leater Treater/Separator  fectorial System  zeckner/Anchors/Rangers  loupings/Tistings/Valves  ethylo atton  species Plant/OZ Equipment  umps-Sub-face  listendanaous  situmentalion/SCADA/POC  Iscalanaous	403 405 414 415	796,000	505 509 514	22,000 0 0 0	511 512 513 515 517 518 521 522 523	26,593 140,097 130,000 102,282 5,000 10,482	531 506 507 508 532 533 534 529 535	2,000 96,000 55,000 5,000 15,000 2,000	75 8 10 5 5 5 6 2 14 14 6
ntermediate Cealing  reduction Cashing-Liner  ubiling  Verthand Equipmonit  through Unit  rime Mover  lods  unuss-Sub Surface (8H)  anks  towlines  leater Treater/Separator  leater Treater/Separator  leater Machoru-Mangeirs  outplings-Firmign-Valves  lethyskation  species PlantCO2 Equipment  unuss-Surface  strummalator/SCADA/POC Illacelaneous  onlingency	403 405 414 415	796,000	505 509 514	22,000 0 0 0	511 512 513 515 517 518 521 522 523 524	28,593 140,007 130,000 102,282 5,000 10,482 5,241	531 506 507 508 532 533 534	2,000 96,000 55,000 5,000 15,000 2,000	75 5 10 6 6 8 2 14 14 16 10
intermediate Cealing  reduction Castingfuner  ubling  verticad Equipment  turning Limit  trinine Mover  look  look	403 405 414 415	796,000	505 509 514	22,000 0 0 0	511 512 513 515 517 518 521 522 523	26,593 140,097 130,000 102,282 5,000 10,482	531 506 507 508 532 533 534 529 535	2,000 96,000 55,000 5,000 15,000 2,000	75 5 10 5 5 4 11 14 14
intermediate Cealing  reduction Castingfuner  ubling  verticad Equipment  turning Limit  trinine Mover  look  look	403 405 414 415	796,000	505 509 514	22,000 0 0 0	511 512 513 515 517 518 521 522 523 524 525	26,593 140,007 130,000 102,282 5,000 10,482 5,241	531 506 507 508 532 533 534 529 535	2,000 96,000 55,000 5,000 15,000 2,000	76 8 8 8 8 11 11 11 11 11 11 11 11 11 11 1
intermediate Cealing  reduction Casting-Liner  ubling  Verticate Equipment  unings Sub Surface (BH)  anks  lowlinas	403 405 414 415	796,000	505 509 514	22,000 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,564	531 506 507 508 532 533 534 529 535 536	2,000 96,000 55,000 5,000 15,000 2,000	75 5 10 6 6 5 8 2 2 11 14 15 10 10 10 10 10 10 10 10 10 10 10 10 10
intermediate Cealing troduction Casing/Liner ubiling telebraid Equipment temping Linet trime Mover tods tumps-Sub Surface (9H) anks tumps-Sub Surface (9H) anks tumps-Sub Surface (9H) anks todif tumps-Sub Surface (9H) anks todif tumps-Sub-Surface telebraid System actions/Archort/Fangers touplings/Fangers/Valves ethylation special Plant/CO2 Equipment tumps-Surface tiscellaneous onlingency telebraid-SCADAPOC tiscellaneous onlingency telebraid-CC3 artificial Surface sub-Tumps-Surface surface s	403 405 414 415	796,000	505 509 514 519 520	68.000 68.000	511 512 513 515 517 518 521 522 523 524 525	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 6,000	531 506 507 508 532 533 534 529 535	2,000 96,000 55,000 5,000 15,000 2,000 7,000	76 6 5 10 10 10 10 10 10 10 10 10 10 10 10 10
Intermediate Cealing Troduction Casing/Liner Uniting Verlinad Equipment Uniting Verlinad Equipment Uniting Uni	403 405 414 415	796,000	505 509 514 519 520	22,000 0 0 0 0 66,000	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,564 60,000 53,196	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
intermediate Cealing troduction Casing/Liner ubiling telebraid Equipment temping Linet trime Mover tods tumps-Sub Surface (9H) anks tumps-Sub Surface (9H) anks tumps-Sub Surface (9H) anks todif tumps-Sub Surface (9H) anks todif tumps-Sub-Surface telebraid System actions/Archort/Fangers touplings/Fangers/Valves ethylation special Plant/CO2 Equipment tumps-Surface tiscellaneous onlingency telebraid-SCADAPOC tiscellaneous onlingency telebraid-CC3 artificial Surface sub-Tumps-Surface surface s	403 405 414 415	796,000	505 509 514 519 520	68.000 68.000	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 6,000	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
Intermediate Cealing Troduction Casing/Liner Uniting Vertical Equipment Uniting Vertical Equipment Uniting Uni	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500	505 509 514 519 520	22,000 0 0 0 0 66,000	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,564 60,000 53,196	531 506 507 508 532 533 534 529 535 536	2,000 96,000 55,000 5,000 15,000 2,000 7,000	76 6 5 10 10 10 10 10 10 10 10 10 10 10 10 10
Intermediate Cealing Troduction Casing/Liner Joining Celthoad Edupmonit Jumping Linit Irime Mover Ods Jumping Linit Jumping Lini	403 405 414 415	796,000	505 509 514 519 520	22,000 0 0 0 0 66,000	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
intermediate Cealing reduction Casing/Liner ubiling relational Equipment unings Sub Surface (BH) ariks lowlinas acter Treater/Separator lectrical System acters/Archors/Hangers coopings/Firmys/Valves ethydation specifin PlanYCO2 Equipment unings-Surface strumniation/SCADA/POC licealaneous strumniation/SCADA/POC licealaneous onlingency stars/Arch aras/Combustors/Emission as Lift/Compression TOTAL TANGIBLES TOTAL WELL COSTS	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500	505 509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,564 60,000 53,196	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
intermediate Cealing reduction Casing/Liner ubiling relational Equipment unings Sub Surface (BH) ariks lowlinas acter Treater/Separator lectrical System acters/Archors/Hangers coopings/Firmys/Valves ethydation specifin PlanYCO2 Equipment unings-Surface strumniation/SCADA/POC licealaneous strumniation/SCADA/POC licealaneous onlingency stars/Arch aras/Combustors/Emission as Lift/Compression TOTAL TANGIBLES TOTAL WELL COSTS	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500	505 509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
intermediate Cealing intermediate Cealing intermediate Cealing intermediate Cealing intermediate	403 405 414 415	796,000 75,000 75,000 1,474,000 5,452,500 36%	505 509 514 519 520	22,000 0 0 0 0 66,000 155,000 155,000 8,232,000	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
intermediate Cealing intermediate Cealing intermediate Cealing intermediate Cealing intermediate	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500	505 509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
intermediate Cealing intermediate Cealing intermediate Cealing intermediate Cealing intermediate	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500 36%	505 509 514 519 520	22,000 0 0 0 0 66,000 155,000 155,000 8,232,000	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
intermediate Cealing intermediate Cealing intermediate Cealing intermediate Cealing intermediate	403 405 414 415	796,000 75,000 75,000 1,474,000 5,452,500 36%	505 509 514 519 520	22,000 0 0 0 0 66,000 155,000 155,000 8,232,000	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
Intermediate Cealing Troduction Casing/Liner Uniting Vertical Equipment Trime Mover Trime Trime Mover Trime Trime Mover Trime	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500 364,  Bate Prepared: COG Operaling LLC	505 509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
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Intermediate Cealing Troduction Casing/Liner Uniting Vertical Equipment Trime Mover Trime Trime Mover Trime Trime Mover Trime	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500 364,  Bate Prepared: COG Operaling LLC	505 509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
intermediate Cealing intermediate Cealing intermediate Cealing intermediate Cealing intermediate	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500 364,  Bate Prepared: COG Operaling LLC	505 509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
intermediate Cealing intermediate Cealing intermediate Cealing intermediate Cealing intermediate	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500 364,  Bate Prepared: COG Operaling LLC	505 509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
Intermediate Cealing Intermediate Cealing Intermediate Cealing Intermediate Cealing Intermediate	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500 364,  Bate Prepared: COG Operaling LLC	505 509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
intermediate Cealing intermediate Cealing intermediate Cealing intermediate Cealing intermediate	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500 364,  Bate Prepared: COG Operaling LLC	505 509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
Intermediate Cealing Intermediate Cealing Intermediate Cealing Intermediate Cealing Intermediate	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500 364,  Bate Prepared: COG Operaling LLC	505 509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
Intermediate Cealing Technology Casing Liner Solving Technology Casing Liner Solving Technology Casing Liner Solving Technology Casing Casing Liner Technology Casing Casi	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500 364,  Bate Prepared: COG Operaling LLC	505 509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
Intermediate Cealing Technology Casing Liner Solving Technology Casing Liner Solving Technology Casing Liner Solving Technology Casing Casing Liner Technology Casing Casi	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500 364,  Bate Prepared: COG Operaling LLC	505 509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 60,000 591,990 894,625	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
Internediate Ceshing Contaction Casing/Liner Libring Celthold Equipment Immps Sub Surface (SHI) Imms Sub Surface Internediate Supramator Internediate Supramator Internediate Sub Surface Internediate Sub Surface Internediate Sub Surface Internediate Sub	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500 36% Date Prepared: COG Operating LLC By:	509 514 519 520	22,000 0 0 0 0 15,000 155,000 8,232,000	511 512 513 515 517 518 521 522 523 524 525 526 516	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,564 60,000 591,990 894,825	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10
Intermediate Cealing Technology Casing Liner Solving Technology Casing Liner Solving Technology Casing Liner Solving Technology Casing Casing Liner Technology Casing Casi	403 405 414 415	796,000 75,000 75,000 1,474,000 5,462,500 36% Date Prepared: COG Operating LLC By:	509 514 519 520	22,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	511 512 513 515 517 518 521 522 523 524 525 526 516	26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,564 60,000 591,990 894,825	531 506 507 508 532 533 534 529 535 536	3,000 98,000 55,000 5,000 15,000 2,000 7,000 3,000	76 6 100 5 5 6 8 8 4 11 14 16 6 10





Diamondback Energy Incorporated 500 W. Texas Avenue, Ste. 1200 Midland, TX 79701

# 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/1485 FWL, or a location in Sec 31 - T24S-R35E BHL: 50 FSL/1330 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 12,700' and a MD of 23,131' 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 terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG proposes to acquire your interest via term assignment. It has the following general provisions:

- 3 year primary term
- Delivering a 75% NRI, proportionately reduced
- \$2,000 per net acre bonus consideration

The Term Assignment offer terminates 30 days from the date of this letter and is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at 432-685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #704H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #704H.
Company:	
By:	
Name:	
	· · · · · · · · · · · · · · · · · · ·



Burlington Resources Oil & Gas Company 600 N. Dairy Ashford Rd Houston, TX 77079

# 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/1485 FWL, or a location in Sec 31 - T24S-R35E BHL: 50 FSL/1330 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 12,700' and a MD of 23,131' 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 terms of the AAPL Form 610-1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would like to lease your minerals under the following general terms:

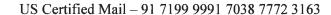
- Bonus of \$2,000 /Net Mineral Acre
- 3 Year Primary Term
- 25% Royalty Interest

The Lease offer is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at (432) 685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	. Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #704H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #704H.
Company:	
Ву:	
Name:	
Title:	
Date:	

WELL NAME:	STOVE PIPE FEDERAL COM #704H	PROSPECT NAME:	Buildon 2535 (717109)
SHL:	Sec 31: 270 FSL & 1485 FWL	STATE & COUNTY:	New Mexico, Lea
BHL:	Sec 7: 50 FSL & 1330 FWL	OBJECTIVE:	DRILL AND COMPLETE
CORMATION:	Wollbone Poul	DEPTH:	23,131
LEGAL:	Sec 31: 24S-35E	TVD:	12,700

kla/Curative/Fermit	201	Release(D)		Completion(C)		Tank Bity Constrctn(TB)		Equipment(PEO)
Wurence	201	20,000						
amages/Right of Way	203	20,000			351			
urvey/Stake Location	204	7,000			352			
ocation/Pita/Road Expense	205	125,000		10,000	353	45,000	366	
rilling / Completion Overhead	206	11,100					500	
		11,100	306					
rnkey Contract	207					2-1		
clage Contract	208		•					
sywork Contract	209	964,000						
rectional Drilling Services	210	480,000						
	10	400,000						
ac Equipment	-		307	1,629,000				
ac Chemicals			308	473,000		10-11-11		
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emant Surface	217	38,000						
ornant Intermediate	218	75,000						
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		173,000						
ment Squeeze & Other (Kickoff Plug)	220						371	
oat Equipment & Centralizers	221	85,000						
using Crews & Equipment	222	70,000						
thing Tools & Service	223		323				372	
rdogio/Engineering	224	11,800	324		355		373	
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		6,500	325	20,000	358	122,935	374	0,500
ompany Supervision	228	86,600	326	15,000	357		375	
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	_		332	397,000			380	
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entals-Subsurface	236	150,000	336	30.000			384	
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	237	200,000	337	20,000	360		385	3.000
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Indigitate Costs  Indigitate Costs Index I	401 402 403 405 414 415 418 420	48,000 555,000 786,000 75,000 1,474,000 5,452,500 36%	504 505 509 514 519 620	52,030 22,000 0 0 0 0 15,000 155,030 8,232,000	511 512 513 515 517 518 621 522 523 524 525 526	63,845 28,593 140,007 130,000 102,282 .5,000 10,482 5,241 25,156 23,584 80,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000
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Intelligence of the control of the c	401 402 403 405 406 414 415 418 420	1,474,000 5,452,000 36W  Data Prepared  COG Operating LLC	504 505 509 514 519 620	\$2,030 22,000 0 0 0 0 0 155,030 8,732,000 55%	511 512 513 515 517 518 621 522 523 524 525 526	63,845 28,593 140,007 130,000 102,282 .5,000 10,482 5,241 25,156 23,584 80,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000
Intelligence (Intelligence (In	401 402 403 405 406 414 415 418 420	48,000 555,000 786,000 75,000 1,474,000 5,452,500 36%	504 505 509 514 519 620	52,030 22,000 0 0 0 0 15,000 155,030 8,232,000	511 512 513 515 517 518 621 522 523 524 525 526	63,845 28,593 140,007 130,000 102,282 .5,000 10,482 5,241 25,156 23,584 80,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000
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Indigitate Costs  Modified Costs  Make Cos	401 402 403 405 406 414 415 418 420	1,474,000 5,452,000 36W  Data Prepared  COG Operating LLC	504 505 509 514 519 620	\$2,030 22,000 0 0 0 0 0 155,030 8,732,000 55%	511 512 513 515 517 518 621 522 523 524 525 526	63,845 28,593 140,007 130,000 102,282 .5,000 10,482 5,241 25,156 23,584 80,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000
Indigitate COSTS Indigitate In	401 402 403 405 406 414 415 418 420	1,474,000 5,452,000 36W  Data Prepared  COG Operating LLC	504 505 509 514 519 620	\$2,030 22,000 0 0 0 0 0 155,030 8,732,000 55%	511 512 513 515 517 518 621 522 523 524 525 526	63,845 28,593 140,007 130,000 102,282 .5,000 10,482 5,241 25,156 23,584 80,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000
Intelligence of the control of the c	401 402 403 405 406 414 415 418 420	1,474,000 5,452,000 36W  Data Prepared  COG Operating LLC	504 505 509 514 519 620	\$2,030 22,000 0 0 0 0 0 155,030 8,732,000 55%	511 512 513 515 517 518 621 522 523 524 525 526	63,845 28,593 140,007 130,000 102,282 .5,000 10,482 5,241 25,156 23,584 80,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000
Indigitate COSTS Indigitate COSTS Indigitate COSTS Indigitate COSTS Indigitate COSTS Indigitate COSTS Indigitate Costing Indigitate Costing Indigitate Costing Indigitate Costing Indigitate Costing Indigitate I	401 402 403 405 406 414 415 418 420	1,474,000 5,452,000 36W  Data Prepared  COG Operating LLC	504 505 509 514 519 620	\$2,030 22,000 0 0 0 0 0 155,030 8,732,000 55%	511 512 513 515 517 518 621 522 523 524 525 526	63,845 28,593 140,007 130,000 102,282 .5,000 10,482 5,241 25,156 23,584 80,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000
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or Act Instance (Instance of the Costs)  George of the Costs of the Co	401 402 403 405 406 414 415 418 420	1,474,000 5,452,000 36W  Data Prepared  COG Operating LLC	504 505 509 514 519 620	\$2,030 22,000 0 0 0 0 0 155,030 8,732,000 55%	511 512 513 515 517 518 621 522 523 524 525 526	63,845 28,593 140,007 130,000 102,282 .5,000 10,482 5,241 25,156 23,584 80,000 591,990	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000
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set Directions/Frac  OTAL INTARGBLES  NGIBLE COSTS  ase Costing  mediate Casting bedien Casting inter  Tig  these Equement  sering Unit  to Mover  set Treater/Separator trical System t	401 402 403 405 406 414 415 418 420	1,474,000 5,452,000 36W  Data Prepared  COG Operating LLC	504 505 509 514 519 620	\$2,030 22,000 0 0 0 0 15,000 155,030 8,232,000	511 512 513 515 517 518 621 522 523 524 525 526 516	63,845 26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,584 80,000 591,990 894,925 6%	530 531 506 507 508 532 533 534	5,000 3,000 96,000 55,000 5,000 15,000 2,000 7,000 3,000





Diamondback Energy Incorporated 500 W. Texas Avenue, Ste. 1200 Midland, TX 79701

# Re: Well Proposal – Stove Pipe Federal Com #705H

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/1425 FWL, or a location in Sec 31 - T24S-R35E BHL: 50 FSL/990 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 #705H well as a horizontal well at the above-captioned location to a TVD of approximately 12,865' and a MD of 23,306' 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 terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

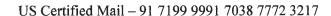
- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG proposes to acquire your interest via term assignment. It has the following general provisions:

- 3 year primary term
- Delivering a 75% NRI, proportionately reduced
- \$2,000 per net acre bonus consideration

The Term Assignment offer terminates 30 days from the date of this letter and is subject to the approval of COG's management and verification of title.

If you have any	y questions, please contact the undersigned at 432-685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	*. Tipton
Megan Tipton Landman	
	MWA 1 1 1 1 4 4 5 1 1 C PL DI TO MOSTA
	I/We hereby elect to participate in the Stove Pipe Federal Com #705H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #705H.
Company:	
Ву:	
Name:	
Title:	
Date:	





Burlington Resources Oil & Gas Company 600 N. Dairy Ashford Rd Houston, TX 77079

Re: Well Proposal – Stove Pipe Federal Com #705H

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/1425 FWL, or a location in Sec 31 - T24S-R35E BHL: 50 FSL/990 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 #705H well as a horizontal well at the above-captioned location to a TVD of approximately 12,865' and a MD of 23,306' 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 terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would like to lease your minerals under the following general terms:

- Bonus of \$2,000 /Net Mineral Acre
- 3 Year Primary Term
- 25% Royalty Interest

The Lease offer is subject to the approval of COG's management and verification of title.

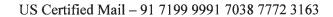
If you have an	y questions, please contact the undersigned at (432) 685-2588 or mtipton@conch
Respectfully,	
Megan a	t. Tipton
Megan Tipton Landman	
	_ I/We hereby elect to participate in the Stove Pipe Federal Com #705H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #705H.
Company:	
Ву:	
Name:	
Title:	
Date:	

WELL NAME:	STOVE PIPE FEDERAL COM #705H	PROSPECT NAME:	Buildog 2535 (717109)
SHL;	Sec 31: 270 FSL & 1425 FWL	STATE & COUNTY:	New Mexico, Lea
BHL:	Sec 7: 50 FSL & 990 FWL	OBJECTIVE:	DRILL AND COMPLETE
FORMATION:	Wolfpone Pool	DEPTH:	23.306
LEGAL:	Sec 31: 24S-35E	TVD:	12,865

INTANGIBLE COSTS TILeCurativePermit	201	Drig - Rig Release(D) 20,000		Completion(C)		Tank Bity Constrctn(TB)		Pmpg Equipment(PEO)	TOTAL 20,000
Insurance	202	2.500							2,500
Damages/Right of Way	203	20,000			351				20,000
Survey/Stake Location	204	7,000			352				7,000
Localion/Pits/Road Exponse	205	135,000	305	10,000	353	45,000	385		190,000
Drilling / Completion Overhead	206	11,100	306	15,000					26,100
Turnkey Contract	207								
Footage Centract	208								
Daywork Contract	209	964,000	5	223					964,000
Directional Dritting Services	210	480,000							480,000
Frec Equipment			307	1,829,000					1,829,000
Frac Chemicals			308	473,000					473,000
Frac Proppant			309	814,600				/	814,000
Frac Proppant Transportation			310	399,000					399,000
Fuel & Power	211	211,000	311	68,000	354		367		279,000
Water	212	60,000	312	968,000			368		1,046,000
Bita	213	119,000	313	4,600			369		123,500
Mod & Chemicals	214	275,000	314	25,000			370		300,000
Drill Stem Test	215		315						
Coring & Analysis	216								
Cement Surface	217	38,000	ŝ						38,000
Cement Intermediate	218	75,000							75,000
Coment 2nd Intermediate/Production	219	115,000							115,000
Cement Squeeze & Other (Kickell Plug)	220		3				371		
Floet Equipment & Centralizers	221	65,000	et.						85,000
Casing Crows & Equipment	222	70,000							70,000
Fishing Tools & Service	223		323				372		(
Genlogic/Engineering	224	11,800			355		373	-	11,800
Contract Labor	225	6.500		20,000	356	122,935	374	8,500	155,935
Company Supervision	226	66,600		15,000	357		375		81,600
Contract Supervision	227	157,000		255.000	358		376	5,000	417,000
Testing Casing/Tubing	228	30,000		5,000			377		35,000
Mud Logging Link	229	70.000					- / -		70,000
Logging	200						378		- 0
Perforating/Wirelina Services	231	4,000	331	588,000			379		592,000
Stimulation/Treating			332	397,000			380	-	397,000
Complision Unit			333	136,000			381	8,800	146,600
Swattbing Unit			334			•	382		- 0
Rontals Surface	235	190,000		403,000	359		383	7,000	600,000
Rentals-Subsurface	236	150,000		30,000			384	1,000	180,000
Trucking/Forkilt/Rig Monitization	237	200,000		20,000	360		385	3,000	223,000
Welding Services	238	3,000		5,000	361		386	0,000	8,000
Water Disposal	239		339	60,000	302	135,000	387	250,000	445,000
Plug to Abandon	240		340		200	1001000	50.	250,000	0
Seismic Analysis	241		341						
Miscellaneous	242		342				389		- 0
Contingency	243	72,000	343	250,000	363		390		322,000
Closed Loop & Environmental	244	330.000	344	5,000	384		388		335,000
Dyed Diaset	245		345	484,000			000		000 000
Coll Tubing			346	750,000					750,000
Flowback Crews & Equip		7	347	48,000					48,000
Offset Oirectional/Frac	248		348				391		0
TOTAL INTANGIBLES		3,978,600		8,076,500		302,935		280,300	12,638,235
TANGIBLE COSTS									
Surface Casing	401	48,000							48,000
ntermediate Casing	402	555,000							555,000
Production Casing/Liner	403	796,000							796,000
Fubing			504	\$2,030			530	6,000	57,030
									37,030
	405	75 000	505	22,000			531		100,000
Wollhead Equipment	405	75,000	505	22,000			531	3,000	100,000
Wellhead Equipment Pumping Unit	405	75.000	505	0			506	96,000	96.000
Notitieed Equipment Pumping Unit Prime Mover	405	75,000	505	0			506 507	96,000	96,000
Wolfmad Egulpmant Pumping Unit Prime Mover Rods	405	75,000		0			506 507 508	96,000 55.000	96,000 0 55,000
Welthwed Egulpment Pumping Unit Pumping Unit Pumping Mover Rods Pumpin-Sub Surface (BH)	405	75,000	509	0	510	E9 £44	506 507	96,000	96,000 0 55,000 5,000
Welfhaed Equipment Pumping Unit Fritine Mover Rods Pumpa-Sub Surface (BH) Pumpa-Sub Surface (BH)	405	75,000		0	\$10 511	53,645 26,593	506 507 508	96,000 55.000	96,000 0 55,000 5,000 63,645
Welthead Egulpment Purmping Unit Prime Mover Rods Purmpin-Sub-Surface (BH) Fanks	405	75,000		0	511	26,593	506 507 508	96,000 55.000	96,000 55,000 5,000 63,645 26,593
Welthead Egulpment Purmping Unit Prime Mover Rods Purmpin-Sub-Surface (BH) Fanks	405	75.000		0		26,593 140,007	506 507 508 532	96,000 55,000 5,000	96,000 55,000 5,000 63,645 26,593 140,007
Welfhaed Equipment Pumping Unit Prime Mover Rods Rods Pumpa-Sub-Surface (BH) Fanks Flowlinas		75.000	509	0 0	511	26,593	506 507 508 532 533	\$6,000 \$5,000 5,000 15,000	96,000 0 55,000 5,000 63,645 26,593 140,007
Welthead Equipment Purmping Unit Purmping Unit Purm Mover Rods Rods Rumpa-Sub-Surface (BH) ranka Flowilinas Flowilinas Flowilinas Flowier Separator Electrical System Packers/Arphotosflengers	414	75,000		0	511 612 513	26,593 140,007 130,000	506 507 508 532	96,000 55,000 5,000	96,000 55,000 5,000 63,645 26,593 140,007 145,000 66,000
Welfhaed Equipment Pumping Unit Prime Mover Rods Pumpin Sub-Surface (BH) Pariks Illowines Illowi		75,000	509	0 0	511 612 513 515	26,593 140,007	506 507 508 532 533	\$6,000 \$5,000 5,000 15,000	96,000 55,000 5,000 63,645 26,593 140,007 145,000 68,000
Wolfmad Equipment Purnoing Unit Prime Movar Rods Purnoja-Sub-Surface (BH) Purnoja-Sub-Sub-Sub-Sub-Sub-Sub-Sub-Sub-Sub-Sub	414	75.000	509	0 0	511 612 513 515 517	26,593 140,007 130,000	506 507 508 532 533	\$6,000 \$5,000 5,000 15,000	96,000 0 55,000 53,645 26,593 140,007 145,000 68,000
Widthasd Equipment Purpoley Unit Prime Movar Rods Purpole Sub Surface (BH) Purpole Sub	414	75,000	509	0 0	511 612 513 515 517 518	26,593 140,007 130,000 102,282	506 507 508 532 533	\$6,000 \$5,000 5,000 15,000	96,000 55,000 5,000 63,645 26,593 140,007 145,000 66,000
Welfhaed Equipment Pumping Unit Prime Mover Rods Pumpa-Sub Surface (BH) Tanks Powlines Powlin	414	75,000	509	0 0	511 612 513 515 517 518 521	26,593 140,007 130,000 102,282	506 507 508 532 533 534	96,000 55,000 5,000 15,000 2,000	96,000 55,000 5,000 63,645 26,593 140,007 145,000 66,000 102,282 0 5,000
Welfinase Equipment Pumping Unit Prime Mover Rods Pumpins-Sub-Surface (BH) Fanks Flowlinas Flowlinase Flowlinas	414 415	75,000	509 514	0 0	511 612 513 515 517 518 521 522	26,593 140,007 130,000 102,282 6,000 10,482	506 507 508 532 533 534	96,000 55,000 5,000 15,000 2,000 7,000	96,000 55,000 5,000 5,001 26,592 140,000 145,000 66,000 102,286 6 5,000 17,486
Welthand Equipment Pumpling Unit Prime Movar Rods Pumpa-Sub-Surface (BH) Tanks Towlines Towli	414 415	75,000	509 514	0 0	511 612 513 515 517 518 521 522 523	26,593 140,007 130,000 102,282	506 507 508 532 533 534 529 535	96,000 55,000 5,000 15,000 2,000	96,000 55,000 50,000 50,645 26,593 140,007 145,000 66,000 102,862 0 0 5,000 17,482 8,241
Welfhaed Equipment Pumping Unit Prime Mover Rods Pumpins-Sub-Surface (BH) Iranks Ilowilnos Ilowi	414 415	75.000	509 514	0 0	511 612 513 515 517 518 521 522 523 524	26,583 140,007 130,000 102,282 6,000 10,482 5,241	506 507 508 532 533 534	96,000 55,000 5,000 15,000 2,000 7,000	96,000 (55,000 5,000 5,041 26,52; 140,007 145,000 102,285 ( 5,000 17,482 8,241
Welthasel Equipment Pumping Unit Prime Movar Rods Pumpin-Sub Surface (BH) Tanka Tovignes Tealer/Separator Te	414 415	75,000	509 514	0 0	511 612 513 515 517 518 521 522 523 524 525	26.593 140.007 130,000 102.282 5,000 10.482 5,241	506 507 508 532 533 534 529 535	96,000 55,000 5,000 15,000 2,000 7,000	96,000 5,000 5,000 5,000 140,007 145,000 102,282 0 0 5,000 17,482 8,241 0 25,156
Welthwell Equipment Pumpling Unit Prime Mover Rods Pumpa-Sub-Surface (BH) Inrika Iowilinas Iowil	414 415	75,000	514 519 520	66,000	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.564	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000	96,000 5,000 5,000 5,000 63,645 26,593 140,007 145,000 102,282 0 0 5,000 17,482 8,241 0 25,156 23,584
Welthand Equipment Pumping Unit Prime Movar Rods  Rods  Pumpins-Sub-Surface (BH) Tanks  Towninos  Towninos	414 415		509 514	66,000	511 612 513 515 517 518 521 522 523 524 525	26,592 140,007 130,000 102,282 6,000 10,482 5,241 28,166 23,584 60,000	506 507 508 532 533 534 529 535	96,000 55,000 5,000 15,000 2,000 7,000 3,000	96,000 (5,5,000 (5,000 (5,000 (5,000 (5,000 (5,000 (6,5)00 (6,5)00 (6,000 (7,485 (6,000 (7,485 (6,000 (7,485 (6,000 (7,485 (6,000 (7,485 (7,5,000 (7,485 (7,5,000 (7,
Walthasel Equipment Pumping Unit Prime Movar Rods Pumpins-Sub-Surface (BH) anks Iovrilinas Iovrilin	414 415	1,474.000	514 519 520	66,000 15,000 155,000	511 612 513 515 517 518 521 522 523 524 525 526	26.593 140.007 130.000 102.282 5.000 10.482 5.241 25.166 23.564 60.000 501.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000	96,000 5,000 5,000 5,000 61,643 26,932 140,007 145,000 102,282 0 0 0 0 17,482 8,241 0 0 25,156 23,584 76,000 2,412,020
Welthasel Eculpment  Aumpling Unit  Writine Mover  Gods  Dumpia-Sub-Surface (BH)  anks  Townings  Townings	414 415		514 519 520	66,000	511 612 513 515 517 518 521 522 523 524 525 526	26,592 140,007 130,000 102,282 6,000 10,482 5,241 28,166 23,584 60,000	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000	96,000 (55,000 5,000 5,000 (1,6,000 145,000 102,288 (10,000 17,488 8,241 (5,000 2,3,590 75,000 2,412,020
Welthasel Equipment  Verpining Unit  Verpining Unit  Verpining Unit  Verpining South Startage (BH)  anks  Idovirinas  Idovirin	414 415	1,474.000	514 519 520	66,000 15,000 155,000	511 612 513 515 517 518 521 522 523 524 525 526	26.593 140.007 130.000 102.282 5.000 10.482 5.241 25.166 23.564 60.000 501.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 5,000 5,000 5,000 61,643 26,932 140,007 145,000 102,282 0 0 0 0 17,482 8,241 0 0 25,156 23,584 76,000 2,412,020
Welthand Edulpment  Lampling Unit  Writine Mover  tools  Lowines	414 415	1,474,000 5,452,500	514 519 520	0 0 0 0 66,000	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000	96,000 5,000 5,000 5,000 61,643 26,932 140,007 145,000 102,282 0 0 0 0 17,482 8,241 0 0 25,156 23,584 76,000 2,412,020
Welthand Edulpment  Lampling Unit  Writine Mover  tools  Lowines	414 415	1,474,000 5,452,500 38%	514 519 520	0 0 0 0 15,000	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 5,000 5,000 5,000 61,643 26,932 140,007 145,000 102,282 0 0 0 0 17,482 8,241 0 0 25,156 23,584 76,000 2,412,020
Welthand Edulpment  Lampling Unit  Writine Mover  tools  Lowines	414 415	1,474,000 5,452,500	514 519 520	0 0 0 0 66,000	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 5,000 5,000 5,000 61,643 26,932 140,007 145,000 102,282 0 0 0 0 17,482 8,241 0 0 25,156 23,584 76,000 2,412,020
Welthand Equipment Pumping Unit Prime Movar Rods Norman-Sub-Surface (BH1) anks Iowlines Iowli	414 415	1,474,000 5,452,500 38% Date Prepared:	514 519 520	0 0 0 0 15,000	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 (55,000 5,000 5,000 (1,6,000 145,000 145,000 102,288 (6,000 17,488 8,241 (7,488 8,241 (7,5,000 2,188,200 2,18
Welthead Equipment Pumping Unit Prime Movar Rods  Norges-Sub Surface (BH) Forwines  Fo	414 415	1,474,000 5,452,500 38%	514 519 520	0 0 0 0 15,000	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 (55,000 5,000 5,000 (1,6,000 145,000 145,000 102,288 (6,000 17,488 8,241 (7,488 8,241 (7,5,000 2,188,200 2,18
Welthasel Equipment Pumping Unit Prime Movar Rods Pumpin-Sub Surface (BH) anks Identified Surface Identified System Identified Ident	414 415	1,474,000 5,452,500 36% Date Prepared: COG Operating LLC	514 519 520	0 0 0 0 66,000 155,030 155,030 8 232,000 55%	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 5,000 5,000 5,000 61,643 26,932 140,007 145,000 102,282 0 0 0 0 17,482 8,241 0 0 25,156 23,584 76,000 2,412,020
Welthead Equipment Pumping Unit Prime Movar Rods  Norges-Sub Surface (BH) Forwines  Fo	414 415	1,474,000 5,452,500 38% Date Prepared:	514 519 520	0 0 0 0 15,000	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 (55,000 5,000 5,000 (1,6,000 145,000 145,000 102,288 (6,000 17,488 8,241 (7,488 8,241 (7,5,000 2,188,200 2,18
Welthasel Equipment Pumping Unit Prime Movar Rods Pumpin-Sub Surface (BH) anks Identified Surface Identified System Identified Ident	414 415	1,474,000 5,452,500 36% Date Prepared: COG Operating LLC	514 519 520	0 0 0 0 66,000 155,030 155,030 8 232,000 55%	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 5,000 5,000 5,000 61,643 26,932 140,007 145,000 102,282 0 0 0 0 17,482 8,241 0 0 25,156 23,584 76,000 2,412,020
Welthead Equipment Pumplery Unit Prime Movar Rods Norman-Sub-Surface (BH) Inrika Iovrilines Iovrili	414 415	1,474,000 5,452,500 36% Date Prepared: COG Operating LLC	514 519 520	0 0 0 0 66,000 155,030 155,030 8 232,000 55%	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 (55,000 5,000 5,000 (1,6,000 145,000 145,000 102,288 (6,000 17,488 8,241 (7,488 8,241 (7,5,000 2,188,200 2,18
Welthead Equipment Pumplery Unit Prime Movar Rods Norman-Sub-Surface (BH) Inrika Iovrilines Iovrili	414 415	1,474,000 5,452,500 36% Date Prepared: COG Operating LLC	514 519 520	0 0 0 0 66,000 155,030 155,030 8 232,000 55%	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 5,000 5,000 63,645 26,593 140,007 145,000 102,282 0 0 5,000 17,482
Welthasel Equipment Pumplery Unit Prime Movar Rods Norman-Sub-Surface (BH) Innication Invited	414 415	1,474,000 5,452,500 36% Date Prepared: COG Operating LLC	514 519 520	0 0 0 0 66,000 155,030 155,030 8 232,000 55%	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 (55,000 5,000 5,000 (1,6,000 145,000 145,000 102,288 (6,000 17,488 8,241 (7,488 8,241 (7,5,000 2,188,200 2,18
Welthasel Eculpment  Venoing Unit  Venoing Unit  Venoing Unit  Venoing Unit  Venoing Unit  Venoing Sub-Surface (BH)  anks  lowlines  Invitines	414 415	1,474,000 5,452,500 36% Date Prepared: COG Operating LLC	514 519 520	0 0 0 0 66,000 155,030 155,030 8 232,000 55%	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 0 5,000 5,000 5,000 63,645 26,593 140,007 145,000 102,282 0 0 0 5,000 17,482 8,241 0 0 25,156 23,584 75,000 2,412,020
Wethead Equipment Pumping Unit Prime Movar Rods Pumpins Sub-Surface (BH) Farika Rods Rods Rods Rods Rods Rods Rods Rods	414 415	1,474,000 5,452,500 36% Date Prepared: COG Operating LLC	514 519 520	0 0 0 0 66,000 155,030 155,030 8 232,000 55%	511 612 513 515 517 518 521 522 523 524 525 526	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.584 60.000 591.890	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 0 5,000 5,000 5,000 63,645 26,593 140,007 145,000 102,282 0 0 0 5,000 17,482 8,241 0 0 25,156 23,584 75,000 2,412,020
Wethead Equipment Purpoley Unit Prime Movar Rods Purpole's Unit Pu	414 415	1,474,000 5,452,500 361/4 Date Prepared: COG Operating LLC	519 519 520	0 0 0 0 66,000 155,030 155,030 8 232,000 55%	511 612 513 515 517 518 521 522 523 524 525 526 516	26.592 140.007 130.000 102.282 6.000 10.482 5.241 25.156 23.564 60.000 591.890 694.925	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300	96,000 0 5,000 5,000 5,000 63,645 26,593 140,007 145,000 102,282 0 0 0 5,000 17,482 8,241 0 0 25,156 23,584 75,000 2,412,020

of the actual costs incurred.

Date:





Diamondback Energy Incorporated 500 W. Texas Avenue, Ste. 1200 Midland, TX 79701

# 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/560 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 12,700' and a MD of 22,889' 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 terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG proposes to acquire your interest via term assignment. It has the following general provisions:

- 3 year primary term
- Delivering a 75% NRI, proportionately reduced
- \$2,000 per net acre bonus consideration

The Term Assignment offer terminates 30 days from the date of this letter and is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at 432-685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
-	I/We hereby elect to participate in the Stove Pipe Federal Com #706H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #706H.
Company:	
By:	

US Certified Mail - 91 7199 9991 7038 7772 3217

Burlington Resources Oil & Gas Company 600 N. Dairy Ashford Rd Houston, TX 77079

# 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/560 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 12,700' and a MD of 22,889' 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 terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would like to lease your minerals under the following general terms:

- Bonus of \$2,000 /Net Mineral Acre
- 3 Year Primary Term
- 25% Royalty Interest

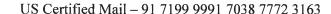
The Lease offer is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at (432) 685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #706H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #706H.
Company:	
Ву:	
Name:	
Title:	
Date:	

WELL NAME:	STOVE PIPE FEDERAL COM #706H	PROSPECT NAME:	Bulldog 2535 (717109)
SHL	Sec 31: 270 FSL & 360 FWL	STATE & COUNTY:	New Mexico, Len
BHL:	Sec 7: 50 FSL & 560 FWL	OBJECTIVE:	DRILL AND COMPLETE
FUHMATION:	Wolfbone Pool	DEPTH:	22.889
LEGAL:	Sec 31: 24S-35E	TVD:	12,700

Section	INTANGIBLE COSTS TitleCurativePermit	201	Drig - Rig Release(D) 20,000		Completion(C)		Tenk Bity Construtn(TB)		Pmpg Equipment(PEQ)
Property	nsurance								
Comment   Comm						351			
This   Company Company   Company									
Comment   1999	cation/Pits/Road Expensu	205	135,000	305	10,000	353	45,000	366	
Solvey Conversion	riting / Completion Overhead	206	11,100	306					
Separa Company   Sepa									
Section of Decomposition   10   10   10   10   10   10   10   1									
SE Elgebrorid				Ď.					
## SEPERMENT   908   17,1000   11,10		210	460,000		0.0000000000000000000000000000000000000				
## Proposed Services   90									
Se Progress Transportation									
18   Property   19									
Section   1982   1985	uel & Power	211	211,000			354		367	
## Chemisch ## Che	felot								
## Spen Feld   19	its	213							
## Service A Analysis  ## 15	ford & Chemicals	214	275,000	314	25,000			370	
### Statistics   171   \$3.000				315					
Section									
19									
Section									
Section			115,000					07-	
parting Creeks   Engineeries   928   70,000   93   97   97   97   97   97   97   97			ct can					3/1	
Javang Touch & Banches  1923 1 11,000 304 1 11,000 304 1 11,000 304 1 11,000 304 3 15,000 305 1 172,001 377 4 6,000 1 172,001 1									
Selection   1,000			70,000	100				gèn	
### A STATE OF THE PROPERTY OF			11 800			385			
### Security (1997)   1500   1	Contract Labor				20,000		120 025		2 500
### Canada Canad	Company Supervision						122,838		6,500
STATES CALLAND TERMONY CONTROL 1988   30,000 308   5,000 309   377   378	ontract Supervision								5,000
March   1998	esting Casing/Tubing								5,000
2009   2009	lud Logging Unit								
According to the process   21	ogging							378	
metabolis Prieses   200   397,000   300	erforating/Wireline Services	231	4.000	331	588,000				
March   Marc	simulation/Treating			332					
Section   Color	ompletion Unit							381	8,800
### Part	watbling Unit								
200,000   207   200,000   207   200,000   207   200,000   208   3.55   3.000   3.000	entale-Surface				403,000	3\$9			7,000
Application									
1860 Disposed   238   339   60,000 362   135,000 387   250,000									3,000
20   A Approximation   240   340			3,000						
Simple Apply   Simp					60,000	302	135,000	387	250,000
242   342   342   343   389									
1	Iscellaneous							380	
244   330,000 344   5,000 346   388   388   388   388   388   34			72,000		250,000	363			
## STANDAM PROPRIES   245   345   444.000   346   759.000   34	osed Loop & Environmental								
### State   St	yed Dieset		900.000			****		J-40	
## 248	oil Tutring				750,000				
Section   Sect	lowback Crews & Equip								
### A Comment of the Control of the	Miset Directional/Frac	248		348				391	
### ### ### ### ### ### ### ### ### ##	TOTAL INTANGIBLES		3,976,500		8,076,500		302,935		290,300
### ### ### ### ### ### ### ### ### ##	ANCIGI E COCYC								
March   Cashing   March   Ma									
Decidence of Saling/Uner   403   796,000   504   52,000   509   5,000   5,00	mace Casing								
Direct   September   Septemb									
Solidate   Society   Soc		403	796,000	504				500	
mg/mg/Life		405	75,000						
March   Section   Sectio		440	15,000	200	22,000				3.000
Signature					n n				
Supplementation	rima Mover							506	
Single   S					0	,		506 507	96,000
Section   Sect	ods			509	0			506 507 508	96,000 55,000
11	ods tumps-Sub Surface (BH)			509	0	510		506 507 508	96,000 55,000
Section	rime Mover ods mmph-Sub Surface (BH) anks jowlines			509	0		63,645	506 507 508	96,000 55,000
Selective   Sele	Ods umps-Sub Surface (BH) anks owlines			509	0		63,645 26,59J	506 507 508	96,000 55,000
Approve   Appr	ods umps-Sub Surface (BH) anks lowlines deter Treator/Separator lockings			509	0	511 512	63,645 26,593 140,007	506 507 508 532	96,000 55,000 5,000
Strain   S	ods umps-Sub Surface (BH) anns lowlines outer Treofor/Separator tectival System ackers/Archors/Stagers				0	511 512	63,645 26,591 140,007 130,000	506 507 508 532	96,000 55,000 5,000
S21   5,000   7,000   1,000	ods umps-Sub-Surface (BH) minks owtines deter Trinstor/Separator techtical Systom schero/Archers/Hargers ocylings/Fairings/Valves				0 0	511 512 513	63,645 26,591 140,007 130,000	506 507 508 532	96,000 55,000 5,000
InternationSCADA/POC	ods umps-Sub Surface (BH) anks lowlines eater Treator/Separator betical System ackers/Archers/Hangers cupings/Tritings/valves ethylatelon				66,000	511 512 513 515 517	63,645 26,591 140,007 130,000	506 507 508 532	96,000 55,000 5,000
Second	ods umps-Sub Surface (BH) anks lowlines eater Treator/Separator teater Treator/Separator teatrical System ackers/ArchrayPlangers couplings/Tallings/Yalves elinystation (section Plans/COZ Equipment				66,000	511 512 513 515 517 518	63,645 26,593 140,007 130,000	506 507 508 532	96,000 55,000 5,000
S20   S24   S28	ods umps-Sub-Surface (BH) anks lowlines				66,000	511 512 513 515 517 518 521	63,645 26,593 140,007 130,000 102,282 5,000	506 507 508 532	96,000 55,000 5,000
S25   25,156	ods umps-Sub-Surface (BH) inhs owtines eater Treativi/Separator eater T	415		514	66,000	511 512 513 515 517 518 521 522	63,645 26,593 140,007 130,000 102,282 5,000 10,482	506 507 508 532 533 534	95,000 55,000 5,000 15,000 2,000
Septembers	ods imps-Sub Surface (BH) inks witines witines subter Treador/Separator active of System ac	415		514	66,000	511 512 513 515 517 518 521 522 523	63,645 26,593 140,007 130,000 102,282 5,000 10,482 5,241	506 507 508 532 533 534 529 535	95,000 55,000 5,000 15,000 2,000
Section   Sect	ods  Imps-Sub Surface (BH) Inks  Whites  White	415		514	66,000	511 512 513 515 517 518 521 522 523 524	63,645 26,593 140,007 130,000 102,282 5,000 10,482 5,241	506 507 508 532 533 534 529 535	95,000 55,000 5,000 15,000 2,000
TOTAL TANGIBLES	ods  mins-Sub-Surface (BH) inks  owlines  state Treator/Separator  extical System schers/Archirs/Hangers  explings/Fishings/Yalves  frightation  excisen Plant/Coz Equipment  arrun-Surface  strum-surface  strum-surface  scollaneous  odingency  sters/LACT	415		514	66,000	511 512 513 515 517 518 521 522 523 524 525	63,645 26,597 140,007 139,000 102,282 5,000 10,482 5,241	506 507 508 532 533 534 529 535	95,000 55,000 5,000 15,000 2,000
### TOTAL WELL COSTS	ods umps-Sub-Surface (BH) inhis owlines owlines owlines object Treater/Separator activities System activities activ	415		514 516 520	66,000	511 512 513 515 517 518 521 522 523 524 525 526	63,645 26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156	506 507 508 532 533 534 529 535 536	95,000 55,000 5,000 15,000 2,000
G Operating LLC % of Total Well Cost 38% 55% 6% 3%  Date Prepared: 2/28/19  COG Operating LLC  Sy Working Interest By: AL  Tipany:	ods imps-Sub-Burlace (BH) inks whitnes  politics	415		514 516 520	0 0 0 66,000	511 512 513 515 517 518 521 522 523 524 525 526	63,645 26,593 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,584 60,000	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000
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sporove:  # Working Interest By:  # Monthing I	ods unipp-Sub-Surface (BH) innis white desire Treader/Separator before of System ackers/Archers/stagers opinings/Fatings/arves ethyds alon (action Plent/CO2 Equipment array-Surface atrumentation/SCADA/POC iscellaneous onlings/ety-innis atrumentation/SCADA/POC iscellaneous TOTAL ACT array-Surface TOTAL WELL COSTS  % of Total Well Costs	419 420	5,452,500	514 516 520	15,000 155,000 62,300,000	511 512 513 515 517 518 521 522 523 524 525 526	53,645 26,597 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,584 60,000 591,980	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,300
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	ods  Imps-Sub-Surface (BH) Inks  Imps-Sub-Surface (BH) Inks  Imps-Sub-Surface (BH) Inks  Imps-Sub-Surface (BH) Imps-Sub-Surface (BH) Imps-Surface  Imps-Surf	419 420	5,452,500 38% Date Prepared: COG Operating LLC	514 516 520	15,000 15,000 155,000 8,230,000 55%	511 512 513 515 517 518 521 522 523 524 525 526	53,645 26,597 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,584 60,000 591,980	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,000
The AFF is positive to seller.	ods  migs-Sub-Surface (BH) mids  withins  within	419 420	5,452,500 38% Date Prepared: COG Operating LLC	514 516 520	15,000 15,000 155,000 8,230,000 55%	511 512 513 515 517 518 521 522 523 524 525 526	53,645 26,597 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,584 60,000 591,980	506 507 508 532 533 534 529 535 536	96,000 \$5,000 5,000 15,000 2,000 7,000 3,000 191,000 471,000
	ds mps-Sub Surface (EH) miss withins withins saler Tineatout/Separator withins System central Sy	419 420	5,452,500 38% Date Prepared: COG Operating LLC	514 516 520	15,000 15,000 155,000 8,230,000 55%	511 512 513 515 517 518 521 522 523 524 525 526	53,645 26,597 140,007 130,000 102,282 5,000 10,482 5,241 25,156 23,584 60,000 591,980	506 507 508 532 533 534 529 535 536	96,000 55,000 5,000 15,000 2,000 7,000 3,000 191,000 471,000

of the actual costs incurred.





Diamondback Energy Incorporated 500 W. Texas Avenue, Ste. 1200 Midland, TX 79701

## 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 23,048' 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 terms of the AAPL Form 610- 1989 Operating Agreement. The Operating Agreement covers Sec. 6: Lots 3-7, SE/4NW/4, E/2SW/4 (W/2) and Sec. 7: Lots 1-4, E/2W/2 (W/2) - T25S-R35E, Lea County, NM; a fully executable copy will be sent for your execution if you shall choose to participate with the following general provisions:

- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG proposes to acquire your interest via term assignment. It has the following general provisions:

- 3 year primary term
- Delivering a 75% NRI, proportionately reduced
- \$2,000 per net acre bonus consideration

The Term Assignment offer terminates 30 days from the date of this letter and is subject to the approval of COG's management and verification of title.

If you have any	questions, please contact the undersigned at 432-685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #707H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #707H.
Company:	
Ву:	
Name:	
Title:	
Date:	



US Certified Mail - 91 7199 9991 7038 7772 3217

Burlington Resources Oil & Gas Company 600 N. Dairy Ashford Rd Houston, TX 77079

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:

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- 100/300 Non-consenting penalty
- \$8,000/\$800 Drilling and Producing rate
- COG Operating LLC named as Operator

Please indicate your election in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFE and a copy of your geologic well requirements. A self-addressed, postage paid envelope is enclosed for your convenience. If you do not wish to participate, COG would like to lease your minerals under the following general terms:

- Bonus of \$2,000 /Net Mineral Acre
- 3 Year Primary Term
- 25% Royalty Interest

The Lease offer is subject to the approval of COG's management and verification of title.

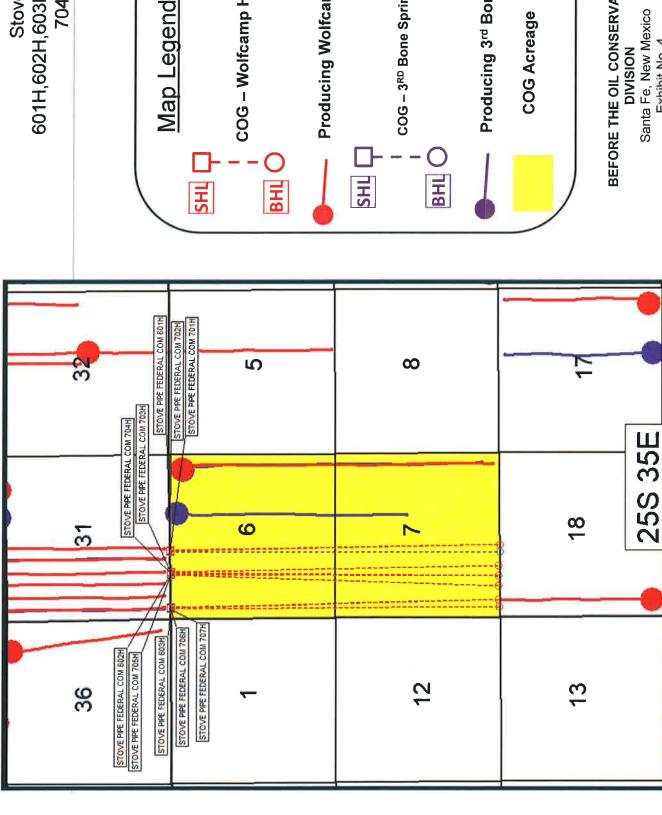
If you have any	questions, please contact the undersigned at (432) 685-2588 or mtipton@concho.com.
Respectfully,	
Megan L	. Tipton
Megan Tipton Landman	
	I/We hereby elect to participate in the Stove Pipe Federal Com #707H.
	I/We hereby elect <u>not</u> to participate in the Stove Pipe Federal Com #707H.
Company:	
Rv.	
Date:	

WELL NAME:	STOVE PIPE FEDERAL COM #707H	PROSPECT NAME:	Bulldog 2535 (717109)
SHL:	Sec 31: 270 FSL & 330 FWL	STATE & COUNTY:	New Mexico, Len
BHL:	Sec 7: 50 FSL & 330 FWL	OBJECTIVE:	ORILL AND COMPLETE
FORMATION.	Wolfbone Poul	DEPTH:	23,048
LEGAL:	Sec 31: 24S-35E	TVD:	12,865

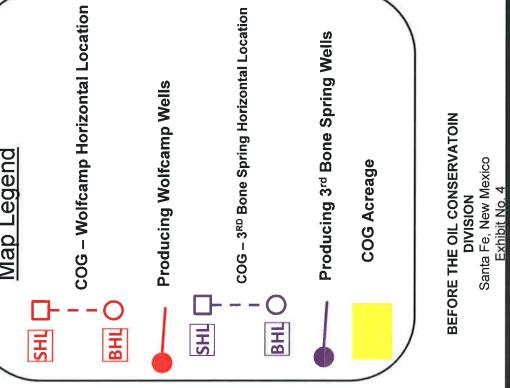
		Drig - Rig		1. <u>2</u> 255301132201445		Tank Btty		Pmpg	
INTANGIBLE COSTS	_	Release(D)		Completion(C)		Constrctn(TB)		Equipment(PEQ)	<u>_T</u>
Nie/Curative/Permit	201	20,000							_
Demages/Right of Way	203	20,000			351				•
Survey/Stake Location	204	7,000			352				
.ocation/Pits/Road Expense	205	135,000		10,000	353	45,000	366		
Drilling / Completion Overhead	208	11,100	306	15,000					
Turnkey Contract	207								
Footage Contract	208	0.00000	e -						_
Daywork Contract	209	954,000							
Directional Drilling Services Free Equipment	210	480.000	207	1,829,000					
Frac Chamicals			308	473,000					_
rec Proposit			309	814,000					_
rac Proppart Transportation			310	399,000					_
unt & Power	211	211,000	311	68,000	354		367		
Valer	212	80,000	312	966,000			368		
lts	213	119,000		4,500			369		
ud & Chemicals	214	275,000		25,000			370		
III Stem Test	215		315						_
gring & Anatysis	216								
ement Surface	217 218	38,000 75,000							-
ement 2nd Intermediate/Production	219	115,000							
ement Squeeze & Other (Rickell Plug)	220	110,000					371		-
oat Equipment & Centralizers	221	65,000							-
esing Crews & Equipment	222	70,000				Anna Terr			
shing Tools & Service	223		323				372		
oologic/Engineering	224	11,800	324		355		373		
ontract Labor	225	6,500	325	20,000	356	122,935	374	6,500	
ompany Supervision	226	66,600		15,000	357		375		
entract Supervision	227	157,000		255,000	358		376	5,000	
esting Casing/Tubing	228	30,000		5,000			377		-
ud Logging Unit	229	70,000	329				378		-
opping sriorating/Wireline Services	201	4,000	231	588,000			378		
finulation/Treating	231	4,000	332	397,000			380	<del></del>	-
ompleton Unit			333	138.000			381	8,800	
wabbling Unit			334				382		_
ontats-Surface	235	190,000	335	403,000	359		383	7,000	
entats-Subsurface	236	150,000		30,000			384		
ocking/Forkit/Hig Mobilization	237	200,000		20,000	360		325	3,000	-
ekling Services	238	3,000		5,000	361		386		_
ster Disposal	239		339	000,08	362	135,000	387	250,000	
ug to Abandon Bismic Analysis	240 241		340						-
Scotlaneous	242		342				389		
onlingency	243	72,000	343	250,000	363		390		_
losed Loop & Environmental	244	330,000	344	5,000	384		300		
yed Diesel	245		345	484,000					
pil Tubing			346	750,000					
owback Crews & Equip			347	48,000					
fiset Directional/Frac	248		34B	10000000			391		_
TOTAL INTANGIBLES		3,978,500		8,076,500		302,935		280,300	12
ANGIBLE COSTS									
urface Casing	401	48,000							
termodiate Casing	402	555,000							-
oduction Casing/Liner	403	796,000							
Øing			504	62,030			530	5,000	
ethood Equipment			505					3,000	
	405	75,000	000	22,000			531		
umping Unit	405	75,000	000				531 506	96,000	
imping Unit	405	75,000	000	0			531 506 507	96,000	
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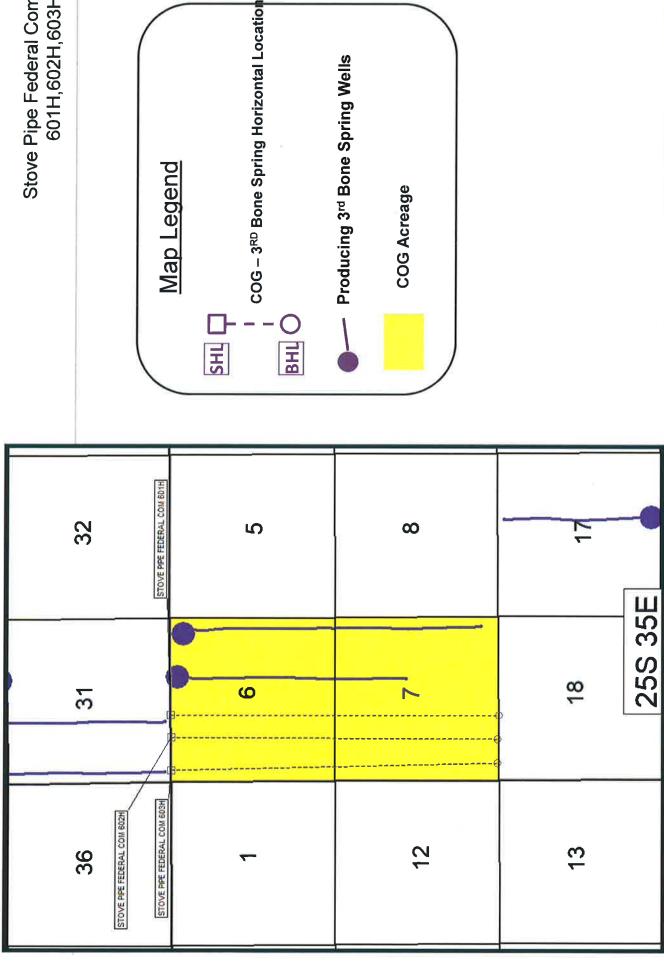
Stove Pipe Federal Com 601H,602H,603H,701H,702H,703H, 704H, 705H, 706H, 707H



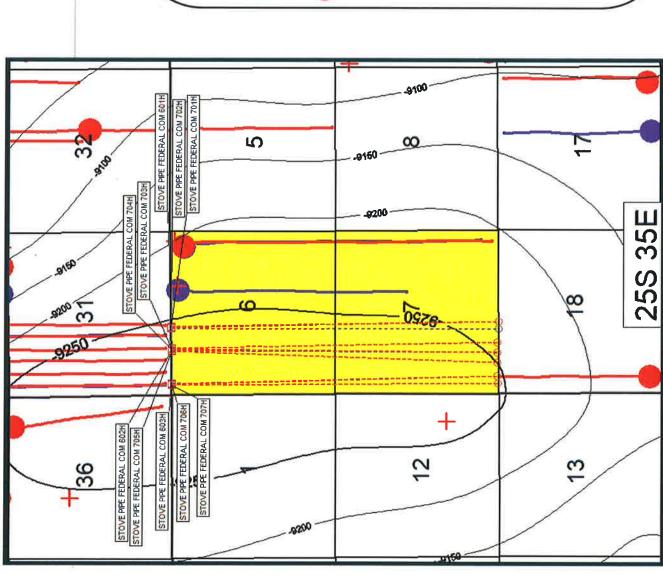


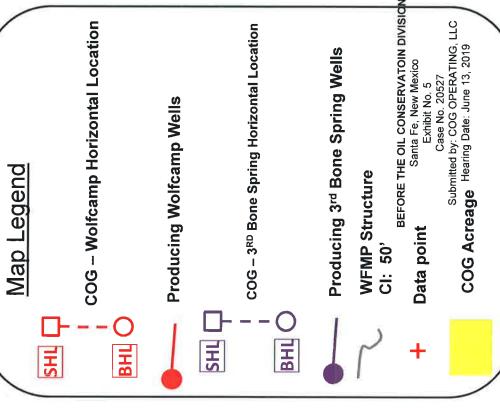
Submitted by: COG OPERATING, LLC Hearing Date: June 13, 2019 Case No. 20527













Stove Pipe Federal Com 601H,602H,603H,701H,702H,703H, 704H,705H,706H,707H

