COG OPERATING LLC AUTHORITY FOR EXPENDITURE DRILLING

100 FRAUTISBO FEL. STATE & COUNTY: New Metaco, Les ADMINISBO FEL. COUNTY: New Metaco, Les ADMINISBO FEL. COUNTY: 15,000 PPN 12,756 L. 25 WIZE ZA 32 WIZE AT 2245-R35E TVD 12,476 L. 25 WIZE ZA 32 WIZE AT 2245-R35E E. 25 WIZE ZA 32 WIZE AT 2245-R35E E. 25 WIZE ZA 32 WIZE AT 2245-R35E E. 25 WIZE ZA 32 WIZ	WELL NAME: Viking Helmet State Com 2H		DDDGDECT NAME	Pulldon 71700B		
ATTONIX Description Companies Comp					<u> </u>	
C2: W/Z E/2 & 32; W/Z NSS4 - T245-R3SE TVD T2476						
GEBLE COSTS BCP						12,750
11,000 11,000 11,000 11,000 11,000 11,000 11,000 10,000 1	EGAL: 29: W/2 E/2 & 32: W/2 NE/4 - T245-R3	35E	TVD:	12,478		
11,000 11,000 11,000 11,000 11,000 11,000 11,000 10,000 1	NTANGIBLE COSTS		BCP	ACP		TOTAL
## Service 1977 200 5,000 200 7,000	the/Curative/Permit	201				11,000
State Location	risurance	202		2		4,000
April Apri	Jamusgos/Right of Way					5,000
Compation Constraints	Survey/Stake Location				_	
Control 207					-	
A Contract	umkey Contract					0
Marches 200 310 310 320	Footage Contract	208	D 30		_	. 0
200 140,000 110,000 140,000 140,000 140,000 121,720,000 120,000 140,000 121,720,000 140,000 121,720,000 140,000 121,00	Daywork Contract				_	1,193,000
212 54,000 312 728,000 780,000	Directional Origing Services				_	
Personal	Fuel & Power Water				_	
Description 214 25 000 200	Bits				_	91,000
Acadysts	Aud & Chemicals	214		25,000		200,000
Sartice	Addr Stem Test				_	0
Intermediate	oring & Analysis				_	30,000
20d NetworkederProduction	Cernett Surface				_	
Sources a Other (Octood Plays) 220 45,000 300 0 45,000 300 0 45,000 300 0 35,000 300 0 35,000 35,000 320 225,000 35,000 320 225,000 35,000 320 320 323 324 323 324 323 324 323 324 323 324 323 324 323 324 323 324 323 324 323 324 323 324 323 324 323 324 323 324 323 324 323 324 323 324 323 324 323 323 320,000 3				135,000		
Appendix Controlling Control	Cemeral Squeeze & Other (Kickell Plug)					48,000
Total & Sarkoloo 223	Tout Equipment & Centralizers				_	35,000
CEOglesekry	Casing Craws & Equipment		30,000 32	24,000	_	54,060
Liabor	Tahing Tools & Service					0
97 Signoridation	Seologic/Engineering					0
Supervision	Contract Labor					
Casterprize 228 19,000 322 19,000 19,000 54	Contract Supervision					229,000
229 54.000 329 34.000 329 25.000 25.000 329.000	esting Casing/Tubing					20,000
Services	And Logging Unit			*****		54,000
Book	ngging		250,000 330		_	250,000
District	eriorating/Wireline Services	231			_	358,000
System	Stirm (attor/Treating					4,500,000
Sertison 2135 180,000 335 215,000 455,000 Pershalfrig Mehibitation 217 125,000 336 55,000 500,000 Pershalfrig Mehibitation 217 125,000 337 25,000 9,000 Services 238 4,000 338 5,000 9,000 Services 238 6,338 473,000 473,000 Abandon 240 0 340 473,000 473,000 Abandon 241 0 341 0 Loop & Environmental 244 160,000 344 5,000 165,000 Reads 242 0 342 0 Loop & Environmental 244 160,000 345 5,000 116,000 Loop & Environmental 244 160,000 345 50,000 160,000 Loop & Environmental 244 160,000 547,000 560,000 Loop & Environmental 244 160,000 560 560,000 Loop & Environmental 244 160,000 340 560,000 Loop & Environmental 244 160,000 360,000 Loop & Environmental 244 260 260,000 Loop & Environmental 244 260	Completion Unit				_	
Setsetration	Rentatis-Surface	735			-	455,000
	Rentals-Subsurface				_	
Name	rucking/Forkilt/Rig Mobilization					150,000
Abandon	Neksing Services	238			_	9,000
Aralysis	Vater (Naposal	230	0 339	473,003		473,008
Leop & Environmental 244	Hug to Abandon					0
Tributar	Seismic Analysis			! 	_	0
243 68,000 343 50,000 119,000	Escelamous					
ADI INTANGIBLES 3,511,000 7,422,000 10,933,000	Contingency				_	
Select Casing	TOTAL INTANGIBLES				_	
April					_	
### Casting	ANGIBLE COSTS					
0 500 207,000 207,000 207,000 207,000 207,000 207,000 65,	urizce Casing				_	18,000
Column	termediate Ceating	402			_	
Description 405 30,000 505 15,000 45,000 Unix	Abbg				_	
Dink 0 506 103,500 103,50	/oshead Equipment	405			_	
Description	amping Unit			400 500	_	400 000
0 500 38,000 36,000 0 510 90,000 90,000 0 511 27,000 27,000 27,000 0 512 54,000 54,000 54,000 0 513 36,000 36,000 0 513 36,000 36,000 0 513 36,000 36,000 0 514 9,000 9,000 0 515 135,000 136,000 0 515 135,000 136,000 0 515 135,000 136,000 0 516 7,290 7,290 0	ima Mover				_	0
D 510 90,000 90,000	ods .					55,000
Section Sect	штрв		0 500		_	36,000
Feather	eriks				_	90,000
System 0 513 38,000 36,000 Anchor/Hangers 414 0 514 9,000 9,000 SFEXINGSAVEAVES 415 0 515 135,000 135,000 SFEXINGSAVEAVES 415 0 515 135,000 135,000 Parat/CO2 Equipment 0 516 7,290 7,290 Parat/CO2 Equipment 0 516 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	owlines				_	27,000
Anctors/Anapars					_	
### AFE is only an estimate. By signing you agree to pay your chare ###################################		414				
Pressors/Marters 0 516 7,290 7	ouptings/Fittings/Vetves				_	
Compared	as Compressors/Maters				_	
### 419 0 519 0 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	strycinator					9
Mark	lection Plant/CO2 Equipment					
AL TANGIBLES TOTAL WELL COSTS A 008,000 B 3311,760 12,347,760 Date Prepared: 5/20/15 COG Operating LLC Date Prepared: 5/20/15 COG Operating LLC By: Travis Newman S Vy: Chevron U.S.A. Inc. This AFE is only an estimate. By signing you agree to pay your phare	iscettaneous					
POTAL WELL COSTS 4 038,000 8 311,790 12,347,790 Date Prepared: 5/20/15 COG Operating LLC (Working Interest) 97. Travis Newman S Warne: This AFE is only an estimate. By signing you agree to pay your phare	ontingency	426				50,000
Date Prepared: 5/20/13 COG Operating LLC (Cost op					-	
Date Prepared: 5/20/15 COG Operating LLC (Working Interest By: Travis Newman S y: Chermon U.S.A. Inc. This AFE is only an estimate. By signing you agree to pay your phare	TOTAL WELL COSTS		4,038,000	8,311,790	•	12,347,790
Date Prepared: 5/20/15 COG Operating LLC (Working Interest By: Travis Newman S y: Chermon U.S.A. Inc. This AFE is only an estimate. By signing you agree to pay your phare						
COG Operating LLC (OG Operating LLC (OF Operating	OG Operating LLC					
COG Operating LLC (OG Operating LLC (OF Operating						BEFORE
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S Charvon U.S.A. Inc. This AFE is only an estimate. By signing you agree to pay your phare	_		COG Operating LLC			Ca
S Charvoon U.S.A., Inc. S Name: This AFE is only an estimate. By signing you agree to pay your chare	Ne approve:		D			
y: Chevron U.S.A., Inc. Name: This AFE is only an estimate. By signing you agree to pay your phare			By: Trav	s Newman		Su
Name: This AFE is only an estimate. By signing you agree to pay your share	Company: Chevron U.S.A., Inc.					
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This AFE is only an estimate. By signing you agree to pay your chare	·					
	rided Name:					
	Se:		This AFE is only an estin	rata. By eligning you ap	ree to pay y	our phare
CR LINE SCILLER COSES MICHARDS.	ale:		of the actual costs incur			

Marian Higgins-Oliver

From:

trackingupdates@fedex.com

Sent:

Thursday, July 23, 2015 8:12 AM

To:

Becky Zindel

Subject:

FedEx Shipment 774112333177 Delivered

Your package has been delivered

Tracking # 774112333177

Ship date:

Wed. 7/22/15

Mike Wallace

COG Operating LLC

Midland, TX 79701

US



Delivered

Delivery date:

Thu, 7/23/15 9:04 am

ATTN: Jason Levine

Chevron USA, Inc.

1400 Smith St Mid-Continent

Business Unit

HOUSTON, TX 77002

US



Our records indicate that the following package has been delivered.

Tracking number:

774112333177

Status:

Delivered: 07/23/2015 09:04

AM Signed for By: J.CLOUD

Signed for by:

J.CLOUD

Delivery location:

HOUSTON, TX

Delivered to:

Shipping/Receiving

Service type:

FedEx Priority Overnight

Packaging type:

FedEx Envelope

Number of pieces:

1

Weight:

2.00 lb.

Special handling/Services:

Deliver Weekday

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To learn more about FedEx Express, please go to fedex.com.

All weights are estimated.

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Thank you for your business.

Marian Higgins-Oliver

From:

trackingupdates@fedex.com

Sent:

Thursday, July 23, 2015 3:56 PM

To:

Becky Zindel

Subject:

FedEx Shipment 774112098187 Delivered

Your package has been delivered

Tracking # 774112098187

Ship date:

Wed, 7/22/15

Mike Wallace

COG Operating LLC Midland, TX 79701

US



Delivered

Delivery date:

Thu, 7/23/15 3:50 pm

Katherine Ross Madera

Sharbutt

408 Bosque

TULAROSA, NM 88352

US



Our records indicate that the following package has been delivered.

Tracking number:

774112098187

Status:

Delivered: 07/23/2015 3:50

PM Signed for By: Signature

not required

Signed for by:

Signature not required

Delivery location:

TULAROSA, NM

Delivered to:

Residence

Service type:

FedEx Priority Overnight

Packaging type:

FedEx Envelope

Number of pieces:

1

Weight:

0.50 lb.

Special handling/Services:

Deliver Weekday

Residential Delivery

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Thank you for your business.