



Cody Cole
Land Representative
Mid-Continent Business Unit
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**Chevron North America Exploration
and Production Company**
a division of Chevron U.S.A. Inc.
1400 Smith St. Room 43192
Houston, Texas 77002

VIA CERTIFIED MAIL – RETURN RECEIPT REQUESTED

May 12, 2014

Burlington Resources Oil & Gas Company
ATTN: Ashley Manning-Dyke
600 N. Dairy Ashford Rd
P10-5-Office 5026
Houston, TX 77079

Re; Well Proposal for Gramma Ridge 14-24-34-1H (“Gramma Ridge 1H”)
W/2E/2 of Section 14, T24S, R34E, NMPM Lea County New Mexico

Dear, Ms. Ashley Manning-Dyke;

Chevron U.S.A. Inc. (“Chevron”) hereby proposes to operate the Gramma Ridge 1H well for oil and gas production from the Third Bone Spring formation. The Gramma Ridge 1H will comprise a one-hundred sixty (160) acre standard unit in the W/2E/2 of Section 14, T24S, R34E, NMPM Lea County, New Mexico.

The Surface location of Gramma Ridge 1H would be 330 feet from the north line and 2,300 feet from the East line. The bottom hole location would be 330 feet from the South line and 2,300 feet from the East line. Chevron expects to navigate the Gramma Ridge 1H through the following depths:

- TD Lateral MD (TVD) = 16,985 feet
- Landing MD (TVD) = 11,009 feet
- TD Pilot MD (TVD) = 12,200 feet

With respect to the W/2E/2 of Section 14, T24S, R34E, public records indicate you own a 12.5% working interest within the proposed unit. I have enclosed an Authorization for Expenditure (“AFE”). The total estimated cost to drill, complete, and equip Gramma Ridge 1H is \$8,635,600 divided as follows:

- Drilling = \$4,296,634
- Completion = \$3,422,088
- Facilities = \$916,878
- Total = \$8,635,600

Please indicate whether you elect to participate in the Gramma Ridge 1H by making your election in the space provided on the next page. Once you have made your election, please sign in the space below and return it to

**BEFORE THE OIL CONVERSION
DIVISION**
Santa Fe, New Mexico
Exhibit No. 4
Submitted by: CHEVRON U.S.A., INC.
Hearing Date: July 10, 2014

me at your earliest convenience. Chevron's Joint Operating Agreement will be furnished if requested prior to your election. If you elect to not participate, and would like to lease your working interest to Chevron, please contact me at either 713-372-1103 or ccole@chevron.com.

Sincerely,

CHEVRON U.S.A. INC.

Cody Cole, RPL
Land Representative

Burlington Resources Oil & Gas Company elects:

☐ Not to Participate in Gramma Ridge 1H

☐ To Participate in Gramma Ridge 1H at 12.5% for \$1,079,450

By: _____

Date: _____

By: _____

Date: _____

Version 1.4 DRILLING - WELL APPROPRIATION - DETAIL OF COST ESTIMATE							Date: 03/04/2014		
Field / Area:			Well Name: Gramma Ridge 14-24-34 1H				By: Kyle Johnson		
Cost Element	Description					VENDOR	Intangible	Tangible	DRILLING
74400001	Rig - Daywork	days	35.18	rate	25000	\$/day	879,532		879,532
74400002	Drilling Rig-Footer/Turnkey	foot		rate		\$/day	0		0
74400003	Rig Up/ Rig Down						0		0
71050200	Fuel-Purchased Natural Gas & Propane						0		0
71290100	Fuel - Diesel / Motor Fuels						167,316		167,316
71290300	Utilities - Other (potable water)						0		0
74500023	Mobilization / De-Mobilization	Rig Days	4	Rig Trucking	100000		200,000		200,000
	Rig Costs Total - Intangible						1,246,848	0	1,246,848
66010100	Company Supervision	days	39.18	rate	4500	\$/day	176,316		176,316
70000300	Contract Project Supervision	days	39.18	rate	900	\$/day	35,263		35,263
	Supervision Total - Intangible						211,579	0	211,579
68200100	Onshore Catering						0		0
68250100	Offshore Catering						0		0
68730100	Employee Personal and Business Expense						0		0
70000100	Contract Labor Surface						0		0
70000200	Contract Labor Casual						0		0
76150500	Communications - Radio						0		0
76150600	Communications - Telephone -CITC						0		0
76200100	Communications- Cellular						0		0
76200300	Communications-Other						3,360		3,360
	Other People Costs Total - Intangible						3,360	0	3,360
74400004	Drilling Fluids						209,460		209,460
71901900	Drill and Completion Fluids (not Service)								0
71900500	Materials, Supply, Repair Parts						10,000		10,000
	Mud, Materials Total - Intangible						219,460	0	219,460
72300100	Surface Equipment Rentals						459,189		459,189
72300200	Well Service Equipment Rentals						130,134		130,134
72300300	Motor Vehicle Rentals								0
73200200	Marine Transportation-Allocated								0
73400300	Other Transportation Services						75,000		75,000
73400400	Air Transportation allocated Adj								0
73400700	Hauling Services (Not Freight)								0
74400006	Directional Survey and Service Costs						347,995		347,995
74400007	Drill String Rentals and Mills						17,591		17,591
71901800	Drill Bits						72,000		72,000
74400009	Coil Tubing								0
74400010	Stimulation / Gravel Pack Materials & Service								0
74400011	Pumping Services								0
74400014	Perforating & Electric Line Services								0
74400015	Slickline Services								0
74500100	Contract Equipment & Services								0
	Contract Rentals & Services Total - Intangible						1,101,909	0	1,101,909
74500105	Services- Non Taxable Materials						0		0
74500200	Technical Services						0		0
75100500	HES Permit Costs & Fees						0		0
75100501	Surface Regulatory & HES Inspection						0		0
75590200	Other Professional Services & Fees						0		0
75900600	Misc. Services and Fees						0		0
	Other Services Total - Intangible						0	0	0
74200300	Solid Waste Disposal						125,000		125,000
74200600	Waste Water Disposal						10,000		10,000
	Waste Disposal Total - Intangible						135,000	0	135,000
74400017	Coring						0		0
74400018	Testing						0		0
74400019	Logging Wireline						50,000		50,000
74400020	LWD (Logging While Drilling)						0		0
74400021	Logging - Mud	30.06	days @	1250	\$ per day		37,602		37,602
	Formation Evaluation Total - Intangible						87,602	0	87,602
71900022	Well Pipe Casing	Size	Feet			\$/foot			836,576
	Conductor							0	
	Surface	13-3/8"	1200			33.58		40,296	
	Intermediate 1	9-5/8"	9075			38.14		346,121	
	Intermediate 2							0	
	Drilling Liner							0	
	Production	5-1/2"	16430			16.93		278,160	
	Production Liner							0	
	Centralizers & Float Equipment								
	Conductor								
	Surface							3000	
	Intermediate 1 (DV TOOL & ECP)							20000	
	Intermediate 2								
	Whipstock							104000	
	Production							45000	
	Packers/Sleeves								
71900020	Well Pipe - Tubing Under 2" OD	Size	Feet			\$/foot			0
								0	
								0	
71900021	Well Pipe - Tubing 2" OD and over	Size	Feet			\$/foot			6,300
		2.875	660					6,300	
								0	
71900100	Well Equipment / Materials						0		0
71900110	Wellhead / Xmas Tree	Size	Cost						110,000
	"A"		110000					110,000	
	"B"							0	
	"C"							0	
	Tubing Head							0	
	Xmas Tree							0	
71900120	Submersible Pumps & Equipment							0	0
71500100	Surface Lifting Equipment / Materials								0
	Rod String	Size	Feet			\$/foot			
								0	
								0	
	Production Pk:								
	Well Pump:								
	Other:								
	Equipment Total - Tangible						0	952,876	952,876
74400024	Cement & Cementing								308,000
	Conductor	Size:	Sacks:	Cost			0		
	Surface	Size: 13-3/8"	Sacks:	Cost 18000			18000		
	Intermediate 1	Size: 9-5/8"	Sacks:	Cost 120000			120000		
	Intermediate 2	Size:	Sacks:	Cost			0		
	Pilot Plug Back	Size: 2-7/8"	Sacks:	Cost 50000			50000		
	Production	Size: 5-1/2"	Sacks:	Cost 120000			120000		
	Production Liner	Size:	Sacks:	Cost			0		
	Squeeze Jobs	Size:	Sacks:	Cost			0		
	Squeeze Jobs	Size:	Sacks:	Cost			0		

	Squeeze Jobs	Size:	Sacks:	Cost		0		
						308,000	0	308,000
				Cement Total – Intangible				
74400013	Equipment Lost in Hole					0		0
74400025	Fishing Costs					0		0
74500021	Site Work / Roads / Locations					30,000		30,000
				Unanticipated & Location Total – Intangible		30,000	0	30,000
				Sub Total Cost Estimate		3,343,758	952,876	4,296,634
94100700	Contingency	0.0%				0	0	0
						3,343,758	952,876	4,296,634
				TOTAL COST ESTIMATE w/ Contingencies		3,343,758	952,876	4,296,634

Delaware Basin - Lea County
Phase 3 - Facilities Cost Estimate

	Gramma Ridge 1H	
	Quant	Cost
GRAND TOTAL (for all items)	---	\$ 916,877.50
SUB-TOTAL (for all items)	---	\$ 770,000.00
Contingency	10%	\$ 77,000.00
Tax	8.25%	\$ 69,877.50
Battery	1	\$ -
- Civil	---	\$ -
- Equipment	---	\$ -
- Installation	---	\$ -
- Electrical (EDS)	---	\$ -
Site Work	1	\$ 597,000.00
- Commingle Mods	---	\$ 300,000.00
- Supervision	---	\$ 30,000.00
- Well Pad	---	\$ 70,000.00
- Roads	---	\$ 25,000.00
- Cattleguards	---	\$ 25,000.00
- Frac Pond	---	\$ 60,000.00
- Land Damages	---	\$ 40,000.00
- Mechanical	---	\$ 20,000.00
- Flowline	---	\$ 15,000.00
- POC/Well Kill	---	\$ 12,000.00
Electrical Distribution	---	\$ 173,000.00
- Feed to Sections	1	\$ 108,000.00
- Transformer Bank	1	\$ 15,000.00
- Generator Contingency	1	\$ 50,000.00

Version 1.4 COMPLETION - WELL APPROPRIATION - DETAIL OF COST ESTIMATE				Date: 03/05/2013	
Field / Area	Well Name: Gramma Ridge 1H			By: AS	
Cost Element	Description			Intangible	Drilling
74400001	Rig - Daywork	days 4.000000	rate 6500 \$/day	26,000	26,000
74400002	Drilling Rig-Footage/Turnkey	feet	rate \$/day	0	0
74400003	Rig Up/ Rig Down			5,000	5,000
71050200	Fuel-Purchased Natural Gas & Propane			0	0
71290100	Fuel - Diesel / Motor Fuels			0	0
71290300	Utilities - Other (potable water)			13,500	13,500
74500023	Mobilization / De-Mobilization	Rig Days Rig Trucking		0	0
	Rig Costs Total - Intangible			44,500	44,500
66010100	Company Supervision	days 0.000000	rate \$/day	69,938	69,938
70000300	Contract Project Supervision	days 0.000000	rate \$/day	45,625	45,625
	Supervision Total - Intangible			115,563	115,563
68200100	Onshore Catering			0	0
68250100	Offshore Catering			0	0
68730100	Employee Personal and Business Expense			0	0
70000100	Contract Labor Surface			0	0
70000200	Contract Labor Casual			0	0
76150500	Communications - Radio			0	0
76150600	Communications - Telephone -CITC			0	0
76200100	Communications- Cellular			0	0
76200300	Communications-Other			0	0
	Other People Costs Total - Intangible			0	0
74400004	Drilling Fluids			0	0
71901900	Drill and Completion Fluids (not Service)			250,000	250,000
71900500	Materials, Supply, Repair Parts			0	0
	Mud, Materials Total - Intangible			250,000	250,000
72300100	Surface Equipment Rentals			357,069	357,069
72300200	Well Service Equipment Rentals			0	0
72300300	Motor Vehicle Rentals			0	0
73200200	Marine Transportation-Allocated			0	0
73400300	Other Transportation Services			0	0
73400400	Air Transportation allocated Adj			0	0
73400700	Hauling Services (Not Freight)			0	0
74400006	Directional Survey and Service Costs			0	0
74400007	Drill String Rentals and Mills			65,000	65,000
71901800	Drill Bits			0	0
74400009	Coil Tubing			160,000	160,000
74400010	Stimulation / Gravel Pack Materials & Service			2,000,000	2,000,000
74400011	Pumping Services			0	0
74400014	Perforating & Electric Line Services			100,000	100,000
74400015	Slickline Services			0	0
74500100	Contract Equipment & Services			0	0
	Contract Rentals & Services Total - Intangible			2,682,069	2,682,069
74500105	Services- Non Taxable Materials			0	0
74500200	Technical Services			0	0
75100500	HES Permit Costs & Fees			0	0
75100501	Surface Regulatory & HES Inspection			0	0
75590200	Other Professional Services & Fees			0	0
75900800	Misc. Services and Fees			0	0
	Other Services Total - Intangible			0	0
74200300	Solid Waste Disposal			0	0
74200600	Waste Water Disposal			20,000	20,000
	Waste Disposal Total - Intangible			20,000	20,000
74400017	Coring			0	0
74400018	Testing			0	0
74400019	Logging Wireline			5,000	5,000
74400020	LWD (Logging While Drilling)			0	0
74400021	Logging - Mud	days @ \$ per day		0	0
	Formation Evaluation Total - Intangible			5,000	5,000
71900022	Well Pipe Casing	Size Feet \$/foot			0
	Conductor			0	
	Surface			0	
	Intermediate 1			0	
	Intermediate 2			0	
	Drilling Liner			0	
	Production			0	
	Production Liner			0	
	Centralizers & Float Equipment				
	Conductor				
	Surface				
	Intermediate 1				
	Intermediate 2				
	Drilling Liner				
	Production				
	Production Liner				
71900020	Well Pipe - Tubing Under 2" OD				0
	Size Feet \$/foot				
				0	
				0	
71900021	Well Pipe - Tubing 2" OD and over				76,000
	Size Feet \$/foot				
	2.875 9500 8			76,000	
				0	
71900100	Well Equipment / Materials			0	0
71900110	Wellhead / Xmas Tree	Size Cost			40,000
	"A"			0	
	"B"			0	
	"C"			0	
	Tubing Head			0	
	Xmas Tree			40,000	
	Riser				
71900120	Submersible Pumps & Equipment			0	0
71500100	Surface Lifting Equipment / Materials				20,000
	Rod String	Size Feet \$/foot			
				0	
				0	
	Production Pkr			20,000	
	Well Pump				
	Other				
	Equipment Total - Tangible			0	136,000
74400024	Cement & Cementing				0
	Conductor	Size Sacks Cost		0	
	Surface	Size Sacks Cost		0	
	Intermediate 1	Size Sacks Cost		0	
	Intermediate 2	Size Sacks Cost		0	
	Drilling Liner	Size Sacks Cost		0	
	Production	Size Sacks Cost		0	
	Production Liner	Size Sacks Cost		0	
	Squeeze Jobs	Size Sacks Cost		0	
	Squeeze Jobs	Size Sacks Cost		0	
	Squeeze Jobs	Size Sacks Cost		0	
	Cement Total - Intangible			0	0
74400013	Equipment Lost in Hole			0	0
74400025	Fishing Costs			0	0
74500021	Site Work / Roads / Locations			5,000	5,000
	Unanticipated & Location Total - Intangible			5,000	5,000

		Sub Total Cost Estimate		3,123,131	136,000	3,259,131
94100700	Contingency	5.0%		156,157	6,800	162,957
				3,279,288	142,800	3,422,088
				0	0	0
		TOTAL COST ESTIMATE w/ Contingencies		3,279,288	142,800	3,422,088