APPLICATION OF CIMAREX ENERGY CO. FOR A NON-STANDARD OIL SPACING AND PRORATION UNIT, AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO

RE: Lea 7 Federal Com 1H

Hearing Notebook

October 25, 2017

Tab	DESCRIPTION
1.	Application
2.	C-102
3.	Lease / Tract Exhibit
4.	Well Proposed
5.	Affidavit of Notice
6.	Structure Maps
7.	Cross Section
8.	Net Pay Maps
9.	Wellbore Diagram
	200) 1055 W 2007 10 POCW

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

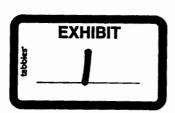
APPLICATION OF CIMAREX ENERGY CO. FOR A NON-STANDARD OIL SPACING AND PRORATION UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO.	
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APPLICATION

Cimarex Energy Co. ("Cimarex"), OGRID Number 215099, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order: (1) creating a non-standard 160-acre, more or less, oil spacing and proration unit in the Bone Spring formation, comprised of the W/2 W/2 of Section 7, Township 20 South, Range 35 East, NMPM, Lea County, New Mexico; and, (2) pooling all mineral interests in the Bone Spring formation underlying this proposed non-standard spacing and proration unit. In support of this application, Cimarex states as follows:

- 1. Cimarex is an interest owner in the subject lands and has a right to drill a well thereon.
- 2. Cimarex seeks to dedicate the W/2 W/2 of Section 7 to the proposed well to form a non-standard 160-acre, more or less, oil spacing and proration unit (the "project area").
- 3. Cimarex has drilled the Lea 7 Federal Com 1H well to a depth sufficient to test the Bong Springs formation. This well is a horizontal well with a surface location 330 feet from



the South line, 660 feet from the West line of Section 7, and a terminus 330 feet from the North line, 868 feet from the West line of Section 7.

- 4. This well is within the WC-025 G-08 S203506D pool (Pool Code 97983), which is subject to the statewide rules for oil spacing and proration units. The producing interval that Cimarex seeks to drill will comply with the statewide 330 foot setback requirements established under Rule 19.15.15.9(A) NMAC.
- 5. Cimarex sought, but has been unable to obtain a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed project area to participate in the drilling of the well or to otherwise commit their interests to the well.
- 6. Approval of the non-standard unit and the pooling of all interests in the Bone Spring formation underlying the proposed project area will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.
- 7. Notice of this application is being given in accordance with Division rules as shown on Exhibit A.

WHEREFORE, Cimarex Energy Co. requests this application be set for hearing before an Examiner of the Oil Conservation Division on October 12, 2017, and after notice and hearing as required by law, the Division enter its order:

- A. Creating a non-standard oil spacing and proration unit ("project area") in the Bone Spring formation comprised of W/2 W/2 of Section 7, Township 20 South, Range 35 East, NMPM, Lea County, New Mexico;
- B. Pooling all mineral interests in the Bone Spring formation underlying this non-standard spacing and proration unit/project area;

- C. Designating Cimarex as operator of this unit and the well to be drilled thereon;
- D. Authorizing Cimarex to recover its costs of drilling, equipping and completing this well;
- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- F. Setting a 200% charge for the risk involved in drilling and completing the well in the event a working interest owner elects not to participate in the well.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

By: For E. Don't

Jennifer Bradfute

Post Office Box 2168

Bank of America Centre

500 Fourth Street NW, Suite 1000

Albuquerque, New Mexico 87103-2168

Telephone: 505.848.1800 Attorneys for Applicant

EXHIBIT A

CIMAREX ENERGY CO. NOTICE LIST

Parties to be pooled:

AOG Mineral Partners, Ltd. 601 W. Texas Ave Midland, Texas 79701

The Long Family Trusts, Larry P. Long, Managing Trustee 118 S. Kilgore St. Kilgore, Texas 75662

Lowe Family, Ltd. P.O. Box 53775 Lubbock, Texas 79453

Vora Lowe Hartley Mineral Trust, Attn: Teddy L. Hartley & Robert Thomas Hartley, Trustees P.O. Box 1024 Clovis, NM 88102

M. Dion Lowe 7801 Espanola Austin, TX 78737

John E. & Helen M. Kennan Family Trust, created January 13, 1994 Attn: William H. Kennan, Trustee 1430 Soquel Ave. Santa Cruz, CA 95062

Offsets:

Marshall & Winston, Inc. P.O. Box 50880 Midland, Texas 79710

Legacy Reserves LP P.O. Box 10848 Midland, TX 79702

COG Operating, LLC One Concho Center 600 W. Illinois Avenue Midland, TX 79701 case No. _______: Application of Cimarex Energy Co. for a non-standard spacing and proration unit and compulsory pooling, Lea County, New Mexico. Applicant seeks an order from the Division: (1) creating a non-standard 160-acre, more or less, oil spacing and proration unit in the Bone Spring formation, comprised of the W/2 W/2 of Section 7, Township 20 South, Range 35 East, NMPM, Lea County, New Mexico; and, (2) pooling all mineral interests in the Bone Spring formation underlying this proposed non-standard spacing and proration unit. This proposed non-standard spacing and proration unit will be the project area for the Lea 7 Federal Com. #1H well, to be horizontally drilled. The producing area for this well will be 330 feet from the project area boundary. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Cimarex as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 12 miles southeast of the intersection of Hobbs Highway 180 and County Road 27-A/Marathon Road, located in Lea County, New Mexico.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION HOBBS OCT

1220 South St. Francis Dr. Santa Fe, NM 87505 Revised August 1, 2011

Submit one copy to appropriate
District Office

APR 1 4 2015 AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

30025-42268	² Pool Code 97983	³ Pool Name Wildcat Bone Spring	
⁴ Property Code		operty Name	4 Well Number
313878		DERAL COM	#1H
'ogrid №.		perator Name	* Elevation
215099		REX ENERGY CO.	3672'

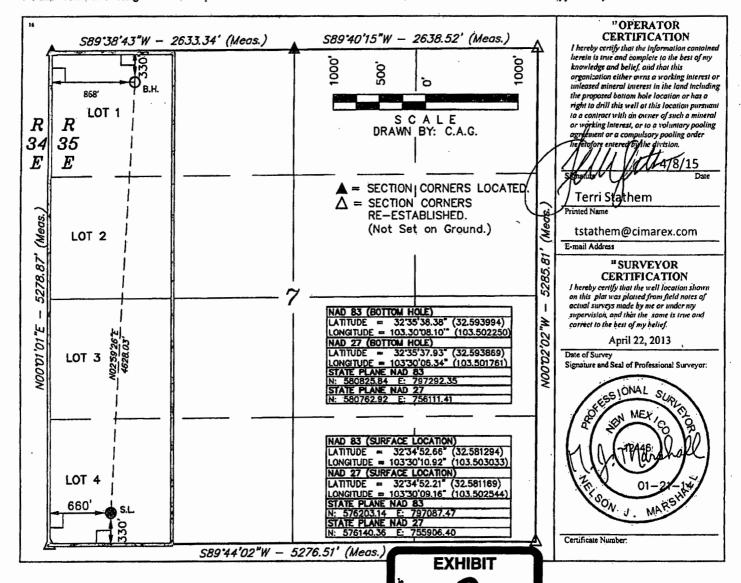
"Surface Location

ſ	UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
- [4	7	20S	35E		330	SOUTH	660	WEST	LEA

"Bottom Hole Location If Different From Surface

		·								
UL or lot no.	Sectio			Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	1
1	7_	20S	35E	L	330	NORTH	868	WEST	LEA	12
12 Dedicated Acre	#	13 Joint or Infill	14 Cons	solidation Code	15 Order No.					72
159.40	ľ				1					

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.

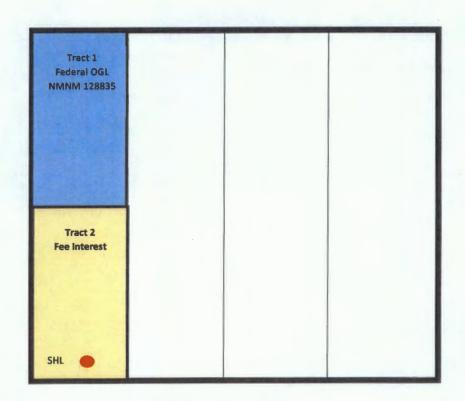


'APP 2 2 7015'

Section 7, Range 20 South, Township 35 East, Lea Co., New Mexico Lea 7 Federal 1H Well (W/2W/2 – 159.4 acre unit)

OWNER	TYPE	NET ACRES
William H. Kennann, Trustee of the John E. and Helen M. Kennann Family Trust	Unleased Minerals	0.09966166
AOG Mineral Partners, Ltd.	Leasehold	3.27017548
The Long Trusts, Larry P. Long, Managing Trustee	Unleased Minerals	0.35831845
Lowe Family, Ltd.	Unleased Minerals	0.02870953
Teddy L. Hartley & Roberta Thomas Hartley, as Trustees of the Vora Lowe Hartley Mineral Trust	Unleased Minerals	0.01877094
M. Dion Lowe	Unleased Minerals	0.06303632
Total		3.83867239

Interests to Pool Covering Tract 2





Cimarex Energy Co.

600 N Marienfeld St

Suite 600

Midland, TX 79701

MAIN 432.571 7800

March 14, 2017

CIMAREX

M. Dion Lowe 7801 Espanola Trail Austin, Texas 78737

Re: Well Proposal Lea 7 Federal Com 1H

Section 7, Township 20 South, Range 35 East

Lea County, NM

Dear Mr. Lowe:

On December 12, 2014, Cimarex Energy Co. ("Cimarex") spud the Lea 7 Federal Com 1H well, API 30-025-42268 in Section 7, Township 20 South, Range 35 East, NMPM, Lea County, NM. The surface hole location for the well is 330' FSL and 660' FWL of Section 7, Township 20 South, Range 35 East, and the bottom hole location is 330' FNL and 900' FWL of Section 7, Township 20 South, Range 35 East. The well was drilled vertically to a depth of approximately 11,164' feet to the Third Bone Spring formation and laterally in a southerly direction within the formation to the referenced bottom hole location. Total measured depth of the well is approximately 15,433' feet from surface to terminus. According to the Lea County records, you appear to own an unleased mineral interest in the above-described lands; and an unleased mineral interest in the producing well.

Enclosed, in duplicated, is (i) our detailed AFE for the Lea 7 Federal Com 1H well, reflecting estimated costs associated with this proposal; (ii) summary of actual drill and complete costs of the Lea 7 Federal Com 1H; and (iii) Operating Agreement dated June 24, 2014 by and between Cimarex Energy Co. as Operator, and Marshall and Winston, et al as Non-Operators.

If you intend to participate, please approve and return one (1) original of the enclosed AFE, and (1) original of the signature page to the Operating Agreement along with the contact information to receive your well data, to the undersigned within thirty (30) days of receipt of this proposal. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance to Cimarex prior to commencement of drilling operations; otherwise, you will be covered by insurance procured by Cimarex and will be responsible for your share of the cost.

Please call the undersigned with any questions or comments.

Respectfully

Kelly Réése, CP 432.620.1966 Landman



ELECTION TO PARTICIPATE Lea 7 Federal Com 1H

M. Dion Lowe elects TO participate in the proposed Lea 7 Federal Com 1H Well.
M. Dion Lowe elects NOT to participate in the proposed Lea 7 Federal Com 1H Well
Dated this , 2017.
Signature:
Title:
If your election above is TO participate in the proposed Lea 7 Federal Com 1H Well, then:
M. Dion Lowe elects TO be covered by well control insurance procured by Cimarex Energy Co.
M. Dion Lowe elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of Insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.



Authorization For Expenditure

Company Entity MAGNUM HUNTER PRODUCTION, INC			Dute Preparei	11/05/2014
Region Well-Name	Prospect or Flelli (ing & Fraperty Number		Drilling AFE No.
Permian Basin LEA 7 FEDERAL COM 18	NEW MEXICO BONE S PROS (LEA)	PRING 301471-222.01		254182
location and the second		State	.,	A TOM IN THE STATE OF THE STATE
Section 7-T205-R35E, Lea County, NM, SHL: 330'FSI 660'FWL, BHL: 330'FNL & 900'FWL	. & Les	NM	Oll Gos	Type:Welli X Expl X Prod
Call of the Call	E CONTROL OF	64.6		
Fishmate Type Original Estimate	Est Start Date	Est. Comp Date	Formati	Ttl/Measured Depth .
Revised Estimate Supplemental Estimate	07/06/2014	08/03/2014	3rd Bone S	
participation of the same of t				THE PARTY OF THE P
Project/Oscelation Drill and complete a horizontal test. Drill to 1700', s 10222' (KOP). Drill curve at 12 DLS build rate to +/-1 frac in 9 stages. Drill out plugs. Run production pack	0700' TVD and a +/- 4140' long lateral	in the 2nd Bone Spring forma		
Intangibles	Dry Hole Cost	After Casing	Point	Completed Well Cost
Drilling Costs	\$2,739,000	Commence of the Commence of th		\$2,739,000
Completion Costs	Charles Same	\$2,935,9		\$2,935,950
Total Intangible Costs	\$2,739,000	\$2,935,9	50	\$5,674,950
Tangibles				
Well Equipment	\$267,000	\$610,00	0	\$877,000
Lease Equipment	98800000000000			\$875,393
Total Tangible Well Cost	\$267,000	\$1,485,3	93	\$1,752,393
Plug and Abendon Cost	\$0	\$0		\$0
Total Well Cost	\$3,006,000	\$4,421,3	13	\$7,427,343
Well-controllinsurance Unless otherwise indicated below, you, as a non-op long as Operator conducts operations hereunder an you must provide a certificate of such insurance acc commencement of drilling operations. You agree th procured by Operator. I elect to purchase my own well control in Well control insurance procured by Operator, provi related redrilling and clean-up/pollution expense co	d to pay your prorated share of the peptable to Operator, as to form and leat failure to provide the certificate of insurance policy. des, among other terms, for \$20,000, invering drilling (through completion) when the provided in the pr	remlums therefore. If you ele Imits, at the time this AFE is re I insurance, as provided herein 2000 (100% W.I.) of Combined S with a \$1,000,000 (100% W.I.) racts may include fees. In add ex, you will be subject to all of clons pursuant to which gas wi	ct to purchase yo turned, if available, will result in you single Limit cover- deductible.	ur own well control insurance, le, but in no event later than ur being covered by insurance age for well control and have being covered for insufficient in contracts. Upon written
l elect to market my gas with Clmarex pu	rsuant to the terms and conditions o	f its contract.		
Comments on AFE			SUNDER OF	The state of the s
The above costs are estimates only and anticipate tr without affecting the authorization for expenditure legal, curative, regulatory and well costs under term	herein granted. By approval of this A	FE, the working interest owne	r agrees to pay its	s proportionate share of actual
	Cimarex Energy Co.	Approval		
Propared by	Drilling and Completion Manager	The same of the sa	Manager	
	Joint interest Ap			
Company,	By	, Onte		



Lasse Name:	e Company		garanita e	and the second section of the second	17.	
		BCP - Drilling	To Hotel	ACP - Drilling		Completion
		(Dry Hole Cost)			150	Stimulation
intangibles .	Codes		Codes		Codes	ALC: Y
Roads & Location Preparation / Restoration	DIDC.100				STIM.100	
Damages	DIDC.105	\$3,000				
Mud / Fluids Disposal Charges Day Rate 25.00 DH Days 3.00 ACP Days € \$24,000.00 Per Day	DIDC.255		DICC.120	-	STIM.255	\$50,00
Misc Preparation Cost (mouse hole, rat hole, pads, pile clusters, misc.)	DIDC.120					
Bits	DIDC.125	\$141,000			5TIM.125	
Fuel \$3.50 Per Gallon MNHMNN Gollons Per Day	DIDC.135	\$130,000	DICC.130		MANN	MAMMA
Water for Drilling Rig / Completion Fiulds (Not Frac Water)	DIDC.140	\$3,000	DICC.135	\$0	STIM.135	vinnininin i
Mud & Additives	DIDC.145	\$120,000 \$60,000	DICC.140	\$0	STIM.140	\$50,00
Surface Rentals Downhole Rentals	DIDC.155	\$105,000	IIIIIIIIII	mumin in	STIM.145	\$5,00
Formation Evaluation (DST, Caring including evaluation, G&G Services)	DIDC.160	\$0			STIM.150	45,00
Mud Logging 17.25 Days @ \$1,500.00 Per Day	DIDC.170	\$31,000	Mistelli	Manny.	3111136	111111111111111111111111111111111111111
Open Hole Lagging	DIDC.180	\$27,000				unain.
Cementing & Float Equipment	DIDC.185	\$125,000		\$125,000	The second second	<i>umman</i>
Tubular Inspections	DIDC.190	\$38,000	DICC.165	\$6,000 \$25,000	STIM.160 STIM.165	\$8,00
Casing Crews Extra Labor, Welding, Etc.	DIDC.195	\$10,000	DICC.170	\$5,000		\$5,00
Land Transporation (Trucking for tangibles)	DIDC.205	\$11,000	DICC.175	\$25,000		\$10,00
Supervision \$3,800.00 Per Day	DIDC.210	\$100,000	DICC.180	50		\$22,50
Trailer House / Camp / Catering	DIDC.280	\$42,000	DICC.255	\$0		\$7,00
Other Misc Expenses	DIDC.220	\$1,000	DICC.190		STIM.190	
Overhead	DIDC.225	\$8,000	DICC.195	\$0		
Remedial Cementing	DIDC_231	\$0 \$180,000			STIM.215	unnun
MOB/DEMOB Directional Drilling Services	DIDC.245	\$320,000			2001.00	6. 30 8.85
Crone for Construction	Mille	William .	1000		000	
Solids Control	DIDC.260	\$80,000	Million .		Willing	W/////////////////////////////////////
Well Control Equip (Snubbing Svcs.)	DIOC.265	\$68,000	DICC240	\$0	STIM.240	\$80,00
Fishing & Sidetrack Operations	DIDC.270	\$130,000	DICC.245	\$0		5
Completion Rig	0800000				STIM.115	\$25,00
Coll Tubing Completion Logging, Perforating, WL Units, WL Surveys		and since	GARLEAG GAGNEG		STIM.260 STIM.200	\$225,00
Composite Plugs	Better!		111000	50000000	STIM.390	\$29,00
Stimulation Pumping Charges, Chemicals, Additives, Sand	9/1/1/15	64 46 46 90	9/4/4/	1888811111	STIM.210	\$1,195,00
Stimulation Water / Water Transfer / Water Storage	Girling.	Elisher ?	(M) (M)	MAMM.	5TIM.395	\$268,00
Cimarex Owned Frac / Rental Equipment	SHEETE S	MANAME.			STIM.305	. \$
Legal / Regulatory / Curative	DIDC.300	\$5,000				
Well Control Insurance \$0.35 Per Foot Contingency 5.0 S of Drilling Intangibles	DIDC.435		DICC.220	\$13,000	STIM.220	\$104,00
Construction For Flow Lines	V # 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	graning and	MILLION I	Manusaman	TARRETT .	
		THE STATE STATE OF STREET	CARETTEEN !	CORRESIONS.	94490	AMMANIA SAN
Construction For Sales P/L		<u>Ulianiun</u>	<i>iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii</i>			USAAAA USASSAA
Construction For Sales P/L		\$2,739,000		\$271,000		\$2,183,50
Construction For Soles P/L Total Intangible Cost		\$2,739,000		\$271,000		\$2,183,50
Construction For Sales P/L Tatal Intengible Cost Tanal ble: Well Equipment		\$2,739,000	iiiiiiiii maa	\$271,000		\$2,103.50
Construction For Soles P/L Total Intengible Cost Tanaible: Wall Equipment Cosing Size Feet \$/Foot		\$2,739,000		\$271,000		\$2,183,50
Construction For Soles P/L Total Intensible Cost	DWEB.150	\$0 \$0		\$271,000		
Construction For Soles P/L Total Intengible Cost Consider Well Equipment	DWE8.150 DWE8.130 DWE8.135	\$0 \$0 \$0 \$0		\$271,000		\$2,183,50
Construction For Soles P/L Tatal Intengible Cost Tanal Intengible Cost	DWE8.150 DWE8.130 DWE8.135 DWE8.140	\$0 \$0 \$0 \$0 \$0		\$271,000		\$2,183,50
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Construction For Soles P/L Total Intangible Cost	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.160	\$0 \$0 \$0 \$0 \$66,000 \$176,000	DWEA.100			\$73,133,50
Construction For Soles P/L Total Intangible Cost	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.155	\$0 \$0 \$0 \$0 \$66,000 \$176,000		\$287,000		
Construction For Soles P/L Total Intengible Cost	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.160	\$0 \$0 \$0 \$65,000 \$176,000 \$0	DWEA.165	\$287,000	STIMT.101 STIMT.105	\$ \$62,00
Construction For Soles P/L Total Intangible Cost	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.160	\$0 \$0 \$0 \$66,000 \$176,000 \$0 \$0	DWEA.100 DWEA.165 DWEA.120	\$287,000 \$0 \$26,000	STIMT.101 STIMT.105 STIMT.120	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
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Construction For Soles P/L Total Intangible Cost	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.160	\$0 \$0 \$0 \$65,000 \$176,000 \$0 \$0 \$25,000	DWEA.165 DWEA.120 DWEA.125	\$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.400	\$62,00 \$20,00 \$25,00 \$25,00
Construction For Soles P/L Total Intangible Cost Einglister Wall Equipment	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.160	\$0 \$0 \$0 \$65,000 \$176,000 \$0 \$0 \$25,000	DWEA.165 DWEA.120 DWEA.125	\$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.400	\$62,00 \$20,00 \$25,00 \$25,00
Total Intergible Cost	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.160	\$0 \$0 \$0 \$65,000 \$176,000 \$0 \$0 \$25,000	DWEA.165 DWEA.120 DWEA.125	\$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.400	\$62,00 \$20,00 \$25,00 \$25,00
Construction For Soles P/L Total Intengible Cost Cosing Size Feet \$ / Foot Drive Pipe 0 0.0.00 \$0.00 Conductor Pipe 0 0.0.00 \$0.00 Surface Cosing 13.375 1700.00 \$39.00 Intermediate Casing 1 9.625 5500.00 \$32.00 Intermediate Casing 1 9.625 5500.00 \$32.00 Intermediate Casing 2 0 0.0.00 \$0.00 Surface Cosing or Liner 0.0.00 \$0.00 Production Casing or Liner 5.5 15120.00 \$19.00 Production Casing or Liner 5.5 15120.00 \$19.00 Production Tie-Back 0 0.0.00 \$0.00 Surface Cosing or Liner 5.5 15120.00 \$19.00 Production Tie-Back 0 0.00 \$0.00 Surface Cosing or Liner 5.5 15120.00 \$19.00 Surface Cosing or Liner 5.5 15120.00 \$19.00 Production Casing or Liner 5.5 15120.00 \$19.00 Production Tie-Back 0 0.0.00 \$0.00 Surface Cosing or Liner 5.5 15120.00 \$19.00 Surface Cosing or Liner 5.5 15120.00 Surfa	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.160	\$0 \$0 \$0 \$65,000 \$176,000 \$0 \$0 \$25,000	DWEA.165 DWEA.120 DWEA.125	\$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.400	\$ \$62,000 \$20,000
Construction For Soles P/L Total Interplate Cost	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.160	\$0 \$0 \$0 \$65,000 \$176,000 \$0 \$0 \$25,000	DWEA.165 DWEA.120 DWEA.125	\$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.400	\$ \$62,000 \$20,000
Construction For Sales P/L Total Intengible Cost Tanal Intensity In	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.160	\$0 \$0 \$0 \$65,000 \$176,000 \$0 \$0 \$25,000	DWEA.165 DWEA.120 DWEA.125	\$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.400	\$ \$62,00 \$20,00
Construction For Sales P/L Total Intengible Cost Total Intengible Wall Equipment Casing Size Feet \$ / Foot Drive Pipe 0 0.0.00 \$0.00 Conductor Pipe 0 0.0.00 \$0.00 Surface Casing 13.375 1700.00 \$39.00 Intermediate Casing 1 19.625 5500.00 \$32.00 Intermediate Casing 2 0 0.0.00 \$0.00 Surface Casing 1 Surface Casing C	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.160	\$0 \$0 \$0 \$65,000 \$176,000 \$0 \$0 \$25,000	DWEA.165 DWEA.120 DWEA.125	\$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.400	\$ \$62,000 \$20,000
Construction For Sales P/L Total Intergible Cost Casing Size Feet \$ / Foot Drive Pipe 0 0.0.00 \$0.00 Conductor Pipe 0 0.0.00 \$0.00 Water String 0 0.0.00 \$39.00 Surface Casing 13.375 1700.00 \$39.00 Intermediate Casing 1 9.625 5500.00 \$32.00 Intermediate Casing 2 0 0.0.00 \$0.00 Drilling Liner 0 0.0.00 \$0.00 Production Casing or Liner 5.5 15120.00 \$19.00 Production Casing or Liner 5.5 15120.00 \$19.00 Production Tie-Back 0 0.0.00 \$0.00 Wellhead, Tree, Chokes Uner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rads, Anchors, ESP, GVLs, PC Pump) Tengible 1-Case Equipment Tonks, Tonks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equipment) Secondary Containments Overhead Power Distribution (electric line to facility) Fracility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to central facility) Pipelline to Sales Meters and Metering Equipment	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.160	\$0 \$0 \$0 \$6,000 \$176,000 \$0 \$25,000	DWEA.165 DWEA.120 DWEA.125	\$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405	\$ \$62,000 \$20,000 \$25,000 \$25,000
Construction For Sales P/L Total Intangible Cost Casing Size Feet \$ / Foot Casing Size Feet \$ / Foot Drive Pipe 0 0.0.00 \$0.00 Conductor Pipe 0 0.0.00 \$0.00 Water String 0 0.0.00 \$30.00 Surface Casing 13.375 1700.00 \$39.00 Intermediate Casing 1 9.625 5500.00 \$32.00 Intermediate Casing 2 0 0.0.00 \$0.00 Drilling Uner 0 0.0.00 \$0.00 Production Casing or Liner 5.5 15120.00 \$19.00 Production Tie-Back 0 0.0.00 \$0.00 Surface Casing 0 Cliner 5.5 15120.00 \$19.00 Production Tie-Back 0 0.0.00 \$0.00 Drilling Uner 5.5 15120.00 \$19.00 Production Tie-Back 0 0.0.00 \$0.00 Surface Casing 0 Cliner 5.5 15120.00 \$19.00 Production Tie-Back 0 0.0.00 \$0.00 Surface Casing 0 Cliner 5.5 15120.00 \$19.00 Production Tie-Back 0 0.0.00 \$0.00 Surface Casing 0 Cliner 5.5 15120.00 \$19.00 Production Tie-Back 0 0.0.00 \$0.00 Surface Casing 0 Cliner 5.5 15120.00 \$19.00 Surface Casing 1 Cliner 5.5 15120.00 Surface Ca	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.160	\$0 \$0 \$0 \$65,000 \$176,000 \$0 \$0 \$25,000	DWEA.165 DWEA.120 DWEA.125	\$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405	\$ \$62,000 \$20,000 \$25,000 \$25,000
Construction For Soles P/L Total Intengible Cost Cosing Size Feet \$ / Foot Drive Pipe 0 0.0.0 \$0.00 Conductor Pipe 0 0 0.00 \$0.00 Surface Casing 0 0.00 \$0.00 Surface Casing 1.3.375 1700.00 \$39.00 Intermediate Casing 1 9.625 5500.00 \$32.00 Intermediate Casing 2 0 0.00 \$0.00 Production Casing or Uner 0 0.00 \$0.00 Production Casing or Uner 5.5 15120.00 \$19.00 Production Tipe Back 0 0.00 \$0.00 Surface Casing or Uner 5.5 15120.00 \$19.00 Production Tipe Back 0 0.00 \$0.00 Surface Casing or Uner 5.5 15120.00 \$19.00 Production Tipe Back 0 0.00 \$0.00 Surface Casing or Uner 5.5 15120.00 \$19.00 Production Tipe Back 0 0.00 \$0.00 Surface Casing or Uner 5.5 15120.00 Surface Casing or	DWE8.150 DWE8.130 DWE8.140 DWE8.145 DWE8.145 DWE8.145 DWE8.145 DWE8.145	\$0 \$0 \$65,000 \$176,000 \$0 \$25,000 \$0	OWEA.100 DWEA.165 DWEA.120 DWEA.125 DWEA.125	\$287,000 \$0 \$26,000 \$0 \$1313,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.410	\$25,000 \$20,000 \$25,000 \$25,000 \$20,000
Construction For Sales P/L Total Intengible Cost Langible: Wall Equipment I. Casing Size Feet \$ / Foot Drive Pipe 0 0 0.00 \$0.00 Conductor Pipe 0 0 0.00 \$0.00 Surface Cosing 0 0.00 \$0.00 Surface Cosing 1 13.375 1700.00 \$39.00 Intermediate Casing 1 9.625 5500.00 \$32.00 Intermediate Casing 2 0 0.00 \$0.00 Intermediate Casing 2 0 0.00 \$0.00 Production Casing or Ulner 0 0.00 \$0.00 Production Te-Back 0 0.00 \$0.00 Production Te-Back 0 0.00 \$0.00 Wellihead, Tree, Chokes Uner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Uft Equipment (BHP, Rods, Anchors, ESP, GVLs, PC Pump) Fingible Lease Equipment Includes Tracter, Separator, Gas Treating Equipment) Secondary Containments Doverhead Power Distribution [electric line to facility) Focility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to central facility) Pipelines (Line Pipe from wellhead to central facility)	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145 DWE8.145 DWE8.160	\$0 \$0 \$65,000 \$176,000 \$0 \$25,000 \$0	DWEA.165 DWEA.120 DWEA.125	\$287,000 \$0 \$26,000 \$0 \$1313,000	STIMT.101 STIMT.105 STIMT.120 STIMT.405 STIMT.405	\$2,183,50 \$1 \$1 \$25,00 \$20,00 \$20,00 \$20,00 \$20,00 \$20,00
Construction For Sales P/L Total Intergible Cost Casing Size Feet \$ / Foot Drive Pipe 0 0.0.00 \$0.00 Conductor Pipe 0 0.0.00 \$0.00 Water String 0 0.0.00 \$39.00 Surface Casing 13.375 1700.00 \$39.00 Intermediate Casing 1 9.625 5500.00 \$32.00 Intermediate Casing 2 0 0.0.00 \$0.00 Drilling Liner 0 0.0.00 \$0.00 Production Casing or Liner 5.5 15120.00 \$19.00 Production Casing or Liner 5.5 15120.00 \$19.00 Production Tie-Back 0 0.0.00 \$0.00 Wellhead, Tree, Chokes Uner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rads, Anchors, ESP, GVLs, PC Pump) Tengible 1-Case Equipment Tonks, Tonks Steps, Stairs Battery (Heater Treater, Separator, Gas Treating Equipment) Secondary Containments Overhead Power Distribution (electric line to facility) Fracility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to central facility) Pipelline to Sales Meters and Metering Equipment	DWE8.150 DWE8.130 DWE8.140 DWE8.145 DWE8.145 DWE8.145 DWE8.145 DWE8.145	\$0 \$0 \$65,000 \$176,000 \$0 \$25,000 \$0	DWEA.100 DWEA.105 DWEA.125 DWEA.125 DWEA.125	\$287,000 \$0 \$26,000 \$0 \$1313,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405 STIMT.410	\$25,000 \$20,000 \$25,000 \$25,000 \$20,000



Lease Name:

			the second	ALTONOOTI .	200	17045.2.35		Post	Total Well
					1.30	Production			Fotal Well
With the state of					11 11 11	Equipment/		Completion	Cost
					a de si				Cost
Intangibles		Color V	1 100	ica ita	A Codes	Construction		31000000	
Roads & Location Preparation / Restore	ation				CON.100	\$22,500	PCCM.100	\$0	\$144,500
Domages					CON.105	\$7,500	Manus Contraction of the Contrac	MANAMAN	\$10,500
Mud / Fluids Disposal Charges					MIIIIII.	annani	PCOM.255	\$60,000	\$249,000
Day Rate 25.00 DH Days	3.00 ACP Days	Đ	\$24,000.00	Per Doy	William (C)	Garagani.	Mana Maria	WWW.	\$522,000
Misc Preparation Cost (mouse hole, rat	hole, pads, pile clusters	, misc.)			MANAS		Tillilli l		\$30,000
Bits					VIIII 1888	maam	PCOM.125	\$0	\$141,000
	Per Gallon	HHRRRR	Gattons Per D	2V	400000		PCOM.130	\$0	\$130,000
Water for Drilling Rig / Completion Flui		- HAMILIAN	Demons rer a	-	mmin.		PCOM.135	\$3,000	\$6,000
Mud & Additives	as [NOT FIRE MATER]				Contraction of		9/3/1/1/1/	211111111111111111111111111111111111111	\$120,000
		-			CON.140	\$7,350	PCOM.140	\$90,000	
Surface Rentals					21111111111111111111111111111111111111	31,330	PCOM.145		\$207,350
Downhole Rentals					CHANGE CO		PCOM.145	\$0	\$110,000
Formation Evaluation (DST, Coring Incl.									\$0
Mud Logging	17.25	Days @	\$1,500.00	Per Day	Willelf.	arian and an	des sittes		\$31,000
Open Hole Logging					9998866	SHAMINI YE	GHOSES.	alaaniin.	\$27,000
Cementing & Float Equipment					anna.	Mana marka	aman.	SHIMMO.	\$250,000
Tubular Inspections					ann in the second	an ann an ann ann ann ann ann ann ann a	PCOM.160	\$0	\$52,000
Casing Crews					annin.		Manage	MISHIO.	\$55,000
Extra Labor, Welding, Etc.					CON.170	\$159,800	PCOM.170	\$30,000	\$209,800
Land Transporation (Trucking for tangil	hlori		-		CON.175		PCOM.175	\$5,000	\$66,000
	vies/		\$3,800.00	Der Dou	CON.180		PCOM.180	\$7,800	\$137,300
Supervision			43,800.00	er buy	111111111111111111111111111111111111111	181111111111111111111111111111111111111	000000	31,800	\$49,000
Trailer House / Camp / Catering					CONTRACTOR		BOOKE	THE OWNER OF THE OWNER,	
Other Misc Expenses					CON.190	\$0	PCOM.190	\$35,000	\$36,000
Overhead							menter in		\$8,000
Remedial Cementing					1686111		PCOM.215	\$0	\$0
MO8/DEMOB					Million 1				\$180,000
Directional Drilling Services							Timen in the second	MANAMAN.	\$320,000
Crane for Construction					CON.230	\$4,500	92119111		\$4,500
Solids Control					William .	WWW.	monn		\$80,000
							PCOM.240	\$0	\$148,000
Well Control Equip (Snubbing Svcs.)									
Fishing & Sidetrack Operations						STREETS STREET	PCOM.245	\$0	\$130,000
Completion Rig					98911999 MENIGER		PCOM.115	\$18,000	\$43,000
Coll Tubing					136551111		PCOM.260	\$0	\$225,000
Completion Logging, Perforating, WL U	Inits, WL Surveys				anana.		PCOM.200	50	\$100,000
Composite Plugs					GHARAR.	Satation	PCOM.390	\$0	\$29,000
Stimulation Pumping Charges, Chemica	ils, Additives, Sand				69536S	mm	PCOM.210	50	\$1,195,000
Stimulation Water / Water Transfer / V					Gibbleto (aaaaaaaa			\$268,000
Cimorey Owned Frac / Rental Faulamen					annan in an			\$45559.11111)	\$0
Cimarex Owned Frac / Rental Equipment		-			CON.300	<i> </i>			\$0 \$0
Legal / Regulatory / Curative	nt				CON.300	############ \$0			\$0
Legal / Regulatory / Curative Well Control Insurance	\$0.35 Per Foot				USISH	HEHEHEND.	MANILLA	\$9,000	\$0 \$5,000
Legal / Regulatory / Curative Well Control Insurance Contingency 5.0	nt	s			CON.220	\$1111111111111111111111111111111111111	PCOM.220	\$9,000	\$5,000 \$5,000 \$256,000
Legal / Regulatory / Curative Well Control Insurance Contingency 5.0 Construction For Flow Lines	\$0.35 Per Foot	s			CON.220 CON.310	\$0 \$0	PCOM-220	\$9,000	\$5,000 \$5,000 \$256,000 \$0
Legal / Regulatory / Curative Well Control Insurance Contingency 5.0 Construction For Flow Lines Construction For Soles P/L	\$0.35 Per Foot	s			CON.220	\$0 \$0 \$0	PCOM.220		\$0,000 \$5,000 \$256,000 \$0
Legal / Regulatory / Curative Well Control Insurance Contingency 5.0 Construction For Flow Lines	\$0.35 Per Foot	5			CON.220 CON.310	\$0 \$0	PCOM.220	\$9,000 \$257,800	\$5,000 \$5,000 \$256,000 \$0
Legal / Regulatory / Curative Well Control Insurance Contingency 5.0 Construction For Flow Lines Construction For Sales P/L Total Intangible Cost	\$0.35 Per Foot	5			CON.220 CON.310	\$0 \$0 \$0	PCOM.220		\$0,000 \$5,000 \$256,000 \$0
Legal / Regulatory / Curative Well Control Insurance Contingency 5.0 Construction For Flow Lines Construction For Soles P/L	\$0.35 Per Foot	1,42,747			CON.220 CON.310	\$0 \$0 \$0	PCOM.220		\$0,000 \$5,000 \$256,000 \$0
Legal / Regulatory / Curative Well Control Insurance Contingency 5.0 Construction For Flow Lines Construction For Sales P/L Total Intangible Cost	\$0.35 Per Foot	Size	Feet	\$/Foot	CON.220 CON.310	\$0 \$0 \$0	PCOM.220		\$0 \$5,000 \$256,000 \$0 \$5,674,950
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost (Language Well) Equipment Casing	nt \$0.35 Per Foot \$ of Drilling Intangible	1,42,747	Feet 0.00	\$0.00	CON.220 CON.310	\$0 \$0 \$0	PCOM.220		\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intanzible Cost Casing Drive Pipe	nt \$0.35 Per Foot \$ of Drilling Intangible	Size			CON.220 CON.310	\$0 \$0 \$0	PCOM.220		\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Soles P/L Total Intangible Cost Language - Well Equipment Casing Drive Pipe Conductor Pipe	nt \$0.35 Per Foot \$ of Drilling Intangible	Size	0,00	\$0.00	CON.220 CON.310	\$0 \$0 \$0	PCOM.220		\$0 \$5,000 \$256,000 \$0 \$5,674,950
Legal / Regulatory / Curative Well Control Insurance Contingency 5.0 Construction For Flow Lines Construction For Sales P/L Total Intangible Cost (Langular-Well Equipment Casing Drive Pipe Conductor Pipe Water String	nt \$0.35 Per Foot \$ of Drilling Intangible	51ze 0 0	0.00	\$0.00 \$0.00	CON.220 CON.310	\$0 \$0 \$0	PCOM.220		\$5,000 \$5,000 \$256,000 \$0 \$5,674,950
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tangible: Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Cosing	nt \$0.35 Per Foot \$ of Drilling Intangible	Size 0 0 0 0	0,00 0,00 0,00 1700.00	\$0.00 \$0.00 \$0.00 \$39.00	CON.220 CON.310	\$0 \$0 \$0	PCOM.220		\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intanzible Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Cosing 1	nt \$0.35 Per Foot \$ of Drilling Intangible	Size 0 . 0 . 0 . 13.375 . 9.625	0.00 0,00 0.00 1700.00 5500.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00	CON.220 CON.310	\$0 \$0 \$0	PCOM.220		\$0, \$5,000 \$256,000 \$0, \$0, \$5,674,950 \$0, \$0, \$0, \$66,000 \$176,000
Legal / Regulatory / Curative Well Control Insurance Contingency 5.0 Construction For Flow Lines Construction For Soles P/L Total Intangible Cost Languide Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Casing 1 Intermediate Cosing 2	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 . 0 . 0 . 13.375 . 9.625	0.00 0.00 0.00 1700.00 5500.00	\$0.00 \$0.00 \$0.00 \$32.00 \$32.00	CON.220 CON.310	\$0 \$0 \$0	PCOM.220		\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$0
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost (Language Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 0 0 13.375 9.625	0,00 0,00 0,00 1700.00 5500.00 0,00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$0.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	PCOM.220		\$0, \$5,000 \$256,000 \$0, \$0, \$5,674,950 \$0, \$0, \$0, \$176,000 \$0,
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Casing or Liner	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 0 0 13.375 9.625 0 0 5.5	0,00 0,00 1700,00 5500,00 0,00 15120,00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	PCOM.220		\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$0 \$0 \$287,000
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 0 0 13.375 9.625 0 0 5.5	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	PCOM.230	\$257,800	\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$176,000 \$176,000 \$287,000
Legal / Regulatory / Curative Well Control Insurance Contingency 5.0 Construction For Flow Lines Construction For Soles P/L Total Intangible Cost (Enrichie-Well Equipment Casing Drive Pipe Conductor Pipe Water String Intermediate Casing 1 Intermediate Casing 1 Intermediate Cosing 2 Drilling Uner Production Tie-Back Tubing	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 0 0 13.375 9.625 0 0 5.5	0,00 0,00 1700,00 5500,00 0,00 15120,00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	PCOM.220	\$257,800	\$0 \$5,000 \$256,000 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$287,000 \$52,000
Legal / Regulatory / Curative Well Control Insurance Contingency 5.0 Construction For Flow Lines Construction For Sales P/L Total Intangible Cost (Language Pipe Conductor Pipe Water String Surface Casing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Tie-Back Tybling Wellhead, Tree, Chokes	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 0 0 13.375 9.625 0 0 5.5	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	PCOM.230	\$257,800	\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$176,000 \$287,000 \$562,000 \$71,000
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Soles P/L Total Intangible Cost Languiste Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Casing 1 Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 0 0 13.375 9.625 0 0 5.5	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	PCOM:220	\$257,800	\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$66,000 \$176,000 \$0 \$287,000 \$0 \$52,000 \$71,000
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 1 Intermediate Casing 1 Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 0 0 13.375 9.625 0 0 5.5	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	PCOM/1.105	\$257,800	\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$176,000 \$287,000 \$71,000 \$0 \$225,000
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Soles P/L Total Intangible Cost L'Angestiers Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Cosing 1 Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubling Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.210 CON.210 CON.285	\$0 \$0 \$0 \$223,650	PCOMT.105 PCOMT.105 PCOMT.405	\$257,800 \$0 \$0 \$115,000	\$0, \$5,000 \$256,000 \$0,
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 1 Intermediate Casing 1 Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.310 CON.265	\$0 \$0 \$0 \$223,650	PCOM/1.105	\$257,800 \$0 \$0 \$115,000	\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$66,000 \$176,000 \$0 \$287,000 \$0 \$52,000 \$71,000
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Soles P/L Total Intangible Cost L'Angestiers Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Cosing 1 Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubling Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.230 CON.285	\$0 \$0 \$0 \$223,650	PCOMT.105 PCOMT.400 PCOMT.400	\$257,800 \$0 \$0 \$115,000	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$0 \$287,000 \$171,000 \$171,000 \$171,000 \$171,000 \$171,000 \$171,000
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost (Language Cost Conductor Pipe Conductor Pipe Conductor Pipe Water String Surface Casing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Uner Production Tre-Bock Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nippies Pumping Unit, Engine Downhole Uft Equipment (BHP, Rods, A	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.210 CON.210 CON.285	\$0 \$0 \$0 \$223,650	PCOMT.105 PCOMT.400 PCOMT.410	\$257,800 \$0 \$0 \$115,000	\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$175,000 \$175,000 \$287,000 \$71,000 \$171
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Soles P/L Total Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Honger, Isolation Packer Packer, Nippies Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, A Interpolic Coses Squipment)	nt \$0.35 Per Foot % of Drilling Intangible	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.230 CON.285	\$0 \$0 \$0 \$223,650	PCOMT.105 PCOMT.400 PCOMT.410	\$257,800 \$0 \$0 \$115,000	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$0 \$287,000 \$171,000 \$171,000 \$171,000 \$171,000 \$171,000 \$171,000
Legal / Regulatory / Curative Well Control Insurance Contingency 5.0 Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tangistic Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tybling Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhale Uft Equipment (BHP, Rods, A Tangible at lease Equipment Tanks, Tanks Steps, Stairs	nt \$0.35 Per Foot % of Drilling Intangible % of	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.285 CON.285	\$0 \$0 \$0 \$223,650	PCOMT.105 PCOMT.105 PCOMT.405 PCOMT.405	\$257,800 \$0 \$0 \$115,000	\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$176,000 \$287,000 \$71,000 \$71,000 \$115,000 \$115,000 \$115,000
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost (Language Cost Conductor Pipe Water String Surface Casing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production The-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nilppies Pumping unit, Engine Downhole Uft Equipment (BHP, Rods, A Tarribles Liesse Equipment) N/C Lease Equipment Tranks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Gos	nt \$0.35 Per Foot % of Drilling Intangible % of	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.215 CON.255 CON.265 CONT.400 CONT.405 CONT.405	\$191,940 \$110,300 \$250,600	PCOMT.105 PCOMT.105 PCOMT.400 PCOMT.410	\$257,800 \$0 \$0 \$115,000	\$0, \$5,000 \$55,000 \$255,000 \$0
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Soles P/L Total Intangible Cost Langible Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Cosing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nippies Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, A Langible Cases Equipment) N/C Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Gos Secondary Containments	nt \$0.35 Per Foot % of Drilling Intangible % of Drilling Intangibl	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.285 CON.265 CON.760 CONT.400 CONT.405 CONT.415	\$193,944 \$193,940 \$10,300 \$70,000	PCOMT.105 PCOMT.405 PCOMT.410	\$257,800 \$0 \$0 \$115,000	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$176,000 \$176,000 \$287,000 \$52,000 \$115,000 \$115,000 \$115,000 \$1119,940 \$1119,940 \$1119,940 \$1289,600 \$1289,600
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Honger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, A Taniplise Libase Equipment N/C Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Goi Secondary Containments Overhead Power Distribution (electric I	nt \$0.35 Per Foot % of Drilling Intangible % of Drilling Intangibl	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.285 CON.285 CONT.400 CONT.400 CONT.450 CONT.450 CONT.450	\$191,940 \$110,300 \$220,650 \$123,650	PCOMT.105 PCOMT.400 PCOMT.410	\$257,800 \$0 \$0 \$115,000	\$0 \$5,000 \$255,000 \$0 \$0 \$0 \$0 \$0 \$0 \$175,000 \$175,000 \$171,000 \$1110,000 \$110,000 \$1100,000 \$11
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Affairble-Lisses Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Gos Secondary Contoinments Overhead Power Distribution (electric in Facility Electrical & Automation	nt \$0.35 Per Foot % of Drilling Intangible % of Drilling Intangibl	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.285 CON.265 CON.265 CONT.400 CONT.400 CONT.410 CONT.420	\$191,940 \$110,300 \$250,600 \$70,000	PCOMT.105 PCOMT.400 PCOMT.400 PCOMT.410	\$257,800 \$0 \$0 \$115,000	\$0 \$5,000 \$255,000 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$176,000 \$171,000 \$1110,000 \$1110,000 \$1110,300 \$250,600 \$191,940 \$1110,300 \$250,600 \$70,000
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Soles P/L Total Intangible Cost (Language C	SO.35 Per Foot \$0.35 Per Foot \$0.35 Per Foot \$0 of Drilling Intangible \$0 of Drilling Intention \$0 of Drilling Intangible \$0 of Dr	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.285 CON.285 CON.285 CONT.400 CONT.405 CONT.415 CONT.415 CONT.430	\$191,940 \$110,300 \$250,600 \$70,000 \$35,000	PCOMT.105 PCOMT.405 PCOMT.405 PCOMT.405	\$257,800 \$0 \$0 \$115,000	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$176,000 \$176,000 \$287,000 \$21,000 \$111,000
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Soles P/L Total Intangible Cost Langible-Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engline Downhole Lift Equipment (BHP, Rods, A FENTION Tinks, Tanks Steps, Stoirs Battery (Heater Treater, Separator, Gos Secondary Contoinments Overhead Power Distribution (electric I Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to	SO.35 Per Foot \$0.35 Per Foot \$0.35 Per Foot \$0 of Drilling Intangible \$0 of Drilling Intention \$0 of Drilling Intangible \$0 of Dr	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON 220 CON 220 CON 285 CON 28	\$193,944 \$110,300 \$70,000 \$70,000 \$35,000 \$35,000	PCOMT.105 PCOMT.105 PCOMT.405 PCOMT.410	\$257,800 \$0 \$0 \$115,000	\$0, \$5,000 \$256,000 \$0,
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Casing 1 Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Honger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, A Tampible Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Goi Secondary Containments Overhead Pawer Distribution (electric if Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to Pipeline to Sales	SO.35 Per Foot \$0.35 Per Foot \$0.35 Per Foot \$0 of Drilling Intangible \$0 of Drilling Intention \$0 of Drilling Intangible \$0 of Dr	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.385 CON.385 CONT.400 CONT.455 CONT.425 CONT.425 CONT.425 CONT.425 CONT.435 CONT.435 CONT.440	\$191,940 \$110,300 \$250,600 \$310,300 \$250,600 \$770,000 \$350,000 \$350,000	PCOMT.105 PCOMT.400 PCOMT.410	\$257,800 \$0 \$0 \$115,000	\$0 \$5,000 \$255,000 \$0 \$0 \$0 \$0 \$0 \$0 \$175,000 \$175,000 \$1110,000 \$1100,000 \$
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Soles P/L Total Intangible Cost Langible-Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engline Downhole Lift Equipment (BHP, Rods, A FENTION Tinks, Tanks Steps, Stoirs Battery (Heater Treater, Separator, Gos Secondary Contoinments Overhead Power Distribution (electric I Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to	SO.35 Per Foot \$0.35 Per Foot \$0.35 Per Foot \$0 of Drilling Intangible \$0 of Drilling Intention \$0 of Drilling Intangible \$0 of Dr	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON 220 CON 220 CON 285 CON 28	\$191,940 \$110,300 \$250,600 \$70,000 \$70,000 \$35,000 \$67,553	PCOMT.105 PCOMT.410 PCOMT.410	\$257,800 \$0 \$0 \$115,000 \$55,000	\$0, \$5,000 \$255,000 \$
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Casing 1 Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Honger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, A Tampible Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Goi Secondary Containments Overhead Pawer Distribution (electric if Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to Pipeline to Sales	SO.35 Per Foot \$0.35 Per Foot \$0.35 Per Foot \$0 of Drilling Intangible \$0 of Drilling Intention \$0 of Drilling Intangible \$0 of Dr	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.385 CON.385 CONT.400 CONT.455 CONT.425 CONT.425 CONT.425 CONT.425 CONT.435 CONT.435 CONT.440	\$191,940 \$110,300 \$250,600 \$310,300 \$250,600 \$770,000 \$350,000 \$350,000	PCOMT.105 PCOMT.410 PCOMT.410	\$257,800 \$0 \$0 \$115,000	\$0, \$5,000 \$256,000 \$256,000 \$256,000 \$256,000 \$35,674,959 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Uner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Afaribles Lisase Equipment Tonks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Gos Secondary Containments Overhead Power Distribution (electric in Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to Pipeline to Sales Meters and Metering Equipment	SO.35 Per Foot \$0.35 Per Foot \$0.35 Per Foot \$0 of Drilling Intangible \$0 of Drilling Intention \$0 of Drilling Intangible \$0 of Dr	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.285 CONT.400 CONT.400 CONT.405 CONT.415 CONT.420 CONT.420 CONT.435 CONT.440 CONT.440	\$193,940 \$193,940 \$110,300 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000	PCOMT.105 PCOMT.400 PCOMT.410	\$257,800 \$257,800 \$0 \$115,000 \$555,000	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$0 \$0 \$0 \$176,000 \$176,000 \$175,000 \$171,000 \$1113,000 \$1133,000 \$11
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Soles P/L Total Intangible Cost Langible-Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Honger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, A Tangible Lisase Equipment N/C Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Gos Secondary Containments Overhead Power Distribution (electric I Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to Pipeline to Soles Meters and Metering Equipment Total Tangibles	SO.35 Per Foot \$0.35 Per Foot \$0.35 Per Foot \$0 of Drilling Intangible \$0 of Drilling Intention \$0 of Drilling Intangible \$0 of Dr	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.285 CONT.400 CONT.400 CONT.405 CONT.415 CONT.420 CONT.420 CONT.435 CONT.440 CONT.440	\$193,940 \$193,940 \$110,300 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000	PCOMT.105 PCOMT.400 PCOMT.410	\$257,800 \$0 \$0 \$115,000 \$55,000	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$176,000 \$0 \$287,000 \$115,000 \$115,000 \$110,300 \$110,300 \$70,000 \$0,000 \$10,0
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Uner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Afaribles Lisase Equipment Tonks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Gos Secondary Containments Overhead Power Distribution (electric in Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to Pipeline to Sales Meters and Metering Equipment	SO.35 Per Foot \$0.35 Per Foot \$0.35 Per Foot \$0 of Drilling Intangible \$0 of Drilling Intention \$0 of Drilling Intangible \$0 of Dr	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.285 CONT.400 CONT.400 CONT.405 CONT.415 CONT.420 CONT.420 CONT.435 CONT.440 CONT.440	\$193,940 \$193,940 \$110,300 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000	PCOMT.105 PCOMT.400 PCOMT.410	\$257,800 \$257,800 \$0 \$115,000 \$555,000	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$176,000 \$0 \$287,000 \$115,000 \$115,000 \$110,300 \$110,300 \$70,000 \$0,000 \$10,0
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Casing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Honger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, A Tampibles Lesse Equipment N/C Lease Equipment Tonks, Tanks Steps, Stairs Battlery (Heater Treater, Separator, Goi Secondary Containments Overhead Power Distribution (electric if Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to Pipeline to Sales Meters and Metering Equipment Total Tangibles	SO.35 Per Foot \$0.35 Per Foot \$0.35 Per Foot \$0 of Drilling Intangible \$0 of Drilling Intention \$0 of Drilling Intangible \$0 of Dr	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.285 CONT.400 CONT.400 CONT.405 CONT.415 CONT.420 CONT.420 CONT.435 CONT.440 CONT.440	\$191,940 \$110,300 \$250,600 \$250,600 \$770,000 \$350,000 \$770,000 \$770,000 \$770,000 \$770,000	PCOMT.105 PCOMT.400 PCOMT.410	\$257,800 \$0 \$15,000 \$170,000	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$176,000 \$176,000 \$176,000 \$171,000 \$111,000 \$111,000 \$111,000 \$111,000 \$110,300 \$25,000 \$70,000 \$35,000 \$35,000 \$35,000 \$176
Legal / Regulatory / Curative Well Control Insurance Construction For Flow Lines Construction For Soles P/L Total Intangible Cost Langible-Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Honger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, A Tangible Lisase Equipment N/C Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Gos Secondary Containments Overhead Power Distribution (electric I Facility Electrical & Automation SWD Connection Flow Lines (Line Pipe from wellhead to Pipeline to Soles Meters and Metering Equipment Total Tangibles	SO.35 Per Foot \$0.35 Per Foot \$0.35 Per Foot \$0 of Drilling Intangible \$0 of Drilling Intention \$0 of Drilling Intangible \$0 of Dr	Size 0 0 0 13.375 9.625 0 0 5.5 0	0,00 0,00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	CON.220 CON.285 CONT.400 CONT.400 CONT.405 CONT.415 CONT.420 CONT.420 CONT.435 CONT.440 CONT.440	\$193,940 \$193,940 \$110,300 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000 \$70,000	PCOMT.105 PCOMT.400 PCOMT.410	\$257,800 \$257,800 \$0 \$115,000 \$555,000	\$0, \$5,000 \$256,000 \$0,



Authorization For Expenditure

Company Entity MAGNUM HUNTER PRODUCTION, INC					Date Prep.	11/C	5/2014	72.2
Region W-II/Name	NULL SULLEY	Prospect or Fieldst.	ame	Property Number	LONG AND	Drillin	AFE No	10. ST
Permian Basin LEA 7 FEDERAL COM 1	н	PROS (LEA)	PRING	301471-222.01			4182	
Location	SUPPLIES TO	County 1	Valle !	State	1000	Тур	e Well	FIFE B
Section 7-T20S-R35E, Les County, NM, SHL: 330'F5 660'FWL, BHL: 330'FNL & 900'FWL	il &	Lea		NM	Oil Gas	×	Expl Prod	X
	Temporary of Appares			06 E 126 DE 170 700	a live of the second		11 -21 -21	
Estimate Type Original Estimate X Revised Estimate		18/1 Date		1 Comp Date		e Spring	-	500' cal'Depth
Supplemental Estimate							10,	200,
Project Description Drill and complete a horizontal test. Drill to 1700', 10222' (KOP). Drill curve at 12 DLS build rate to +/- frac in 9 stages. Drill out plugs. Run production pac	10700' TVD and a	+/- 4140' long lateral	In the 2n	d Bone Spring formati				
Intangibles		Dry Hale Cost		After Casing P	olnt	Con	pleted Well	Cost
Drilling Costs		\$2,739,000		Millian Maria	aanna		\$2,739,000	
Completion Costs	919		istilli.	\$2,935,950			\$2,935,950	
Total Intangible Costs		\$2,739,000		\$2,935,950			\$5,674,950	
Tangibles								
Well Equipment	1000	\$267,000	F (8.91)	\$610,000			\$877,000	
Lease Equipment Total Tangible Well Cost	9//	\$267,000	allelle	\$875,393 \$1,485,393			\$875,393 \$1,752,393	
Total fail due well cast		3207,000		72/103/33.			32,132,333	
Plug and Abandon Cost		\$0		\$0			\$0	
Total Well Cost		\$3,006,000		\$4,421,343			\$7,427,343	
Well control insurance Unless otherwise indicated below, you, as a non-op long as Operator conducts operations hereunder al you must provide a certificate of such insurance ac- commencement of drilling operations. You agree to procured by Operator. I elect to purchese my own well control if Well control insurance procured by Operator, provi	nd to pay your pro- ceptable to Opera hat failure to pro- insurance policy.	orated share of the pi ator, as to form and li vide the certificate of	remiums (mits, at ti insurance	therefore. If you elect the time this AFE is retu a, as provided herein,	to purchase rned, if avail will result in	your own table, but is your being	well control n no event la covered by	insurance, iter than insurance
related redrilling and clean-up/pollution expense of						100 TOTAL	M. C. ST	
Cimarex sells its gas under arm's-length contracts w volumes delivered over time. Should you choose to request to Cimarex's Marketing Department, we wi shall be deemed an election to market your gas wit it elect to take my gas in kind.	o market your sha II share with you h Cimarex under	ere of gas with Cimare the terms and condit the terms and condit	ex, you wi ions pursi ions set fo	il be subject to all of the unit to which gas will both above.	ne terms of s	uch contra	cts. Upon w	ritten
Comments on AFE			100			100	7076	
The above costs are estimates only and anticipate to without affecting the authorization for expenditure legal, curative, regulatory and well costs under term	herein granted.	By approval of this Al	FE, the wo	orking interest owner	agrees to pa	y its propor	tionate shar	
	Colombia de la colombia del colombia de la colombia del colombia de la colombia del la colombia de la colombia	marex Energy Co.	Approv	THE RESERVE OF THE PERSON NAMED IN	Charles To			
Prepared by	Linking and Com	ipletlosiMarrager 🛴	- El 9º	Regional N	ianager.			
		Joint Interest Ap	proval					
Company	Man make and	A CONTRACTOR OF STREET	THE REAL PROPERTY.	(FO) Date	THE PERSON NAMED IN	T. 1881	NAME OF TAXABLE	77.75



Lease Name:

				- 20		BCP - Drilling		ACP - Drilling		Completion
							the same	A.S. Dilling		Stimulation
Intangibles					Codes	(Dry Hole Cost)				311111111111111111111111111111111111111
Roads & Location Preparation / Restor	rotion				DIDC.100	\$122,000	Codes	SIIIIIIIII	STIM.100	1
Damages					DIDC.105	\$3,000	1777777777		MILLINI	MIIII MANA
Mud / Fluids Disposal Charges Day Rate 23.00 DH Days	3:00 ACP Days	0	\$24,000.00	In- n-	DIDC.255				STIM.255	\$50,00
Misc Preparation Cost (mouse hole, ra			324,000.00	Per Day	DIDC.115	\$30,000	DICC.120	\$72,000		
Bits					DIDC.125		DICC.125	\$0	STIM.125	3
		- ######	Gallons Per D	ay	DIDC.135	\$130,000		\$0		Millianii.
Water for Drilling Rig / Completion Flu Mud & Additives	ids (Not Frac Water)				DIDC.145		DICC.135	\$0	STIM.135	www.m
Surface Rentals					DIDC.150	\$60,000	DICC.140	SO.	STIM.140	\$50,00
Downhole Rentals					DIDC.155	\$105,000	THE OWNER WHEN		STIM.145	\$5,00
Formation Evaluation (DST, Coring Incl					DIDC.160	\$0			STIM.150	5
Mud Logging	17.25	Days @	\$1,500.00	Per Day	DIDC.170	\$31,000	100000000000000000000000000000000000000			
Open Hole Logging Cementing & Float Equipment				-	DIDC.180	\$27,000 \$125,000		6125.000		
Tubular Inspections				-	DIDC.190	\$38,000		\$125,000 \$6,000	STIM.160	\$8,00
Casing Crews					DIDC.195	\$30,000		\$25,000		50,00
Extra Labor, Welding, Etc.					DIDC.200	\$10,000		\$5,000	STIM.170	\$5,00
Land Transparation (Trucking for tangl	bles)		. 40 000 00		DIDC.205	\$11,000		\$25,000		\$10,00
Supervision Trailer House / Camp / Catering			\$3,800.00	Per Day	DIDC.210	\$100,000 \$42,000		\$0	STIM.180 STIM.280	\$22,50
Other Misc Expenses					DIDC.220	\$1,000	DICC.255	\$0 \$0		\$7,00
Overhead					DIDC.225	\$8,000	DICC.195	\$0		
Remedial Cementing					DIDC.231	\$0	////////		STIM.215	\$
MOB/DEMOB					DIDC.240	\$180,000				41111111111
Directional Drilling Services					DIDC.245	\$320,000				
Crone for Construction Solids Control					DIDC.260	\$80,000				
Well Control Equip (Snubbing Svcs.)					DIDC.265		DICC.240	\$0	STIM.240	\$80,00
Fishing & Sidetrock Operations					DIDC.270	\$130,000	DICC.245	\$0	STIM.245	\$
Completion Rig					/////////	48181111117.			STIM.115	\$25,00
Coll Tubing	-h- 140 C								STIM.260	\$225,00
Completion Logging, Perforating, WL U Composite Plugs	nits, WL Surveys	-	-						STIM.200 STIM.390	\$100,000
Stimulation Pumping Charges, Chemica	is. Additives, Sand	-							STIM.210	\$1,195,000
Stimulation Water / Water Transfer / W									STIM.395	\$268,000
Cimarex Owned Frac / Rental Equipmen	nt				<i>Willini</i>				STIM.305	SI
Legal / Regulatory / Curative					DIDC.300	\$0				
	THE RESERVE OF THE PERSON NAMED IN					40.000	1111111111	Maria Maria	111111111	***********
Well Control Insurance	\$0.35 Per Foot				DIDC.285	\$5,000 \$130,000	DICC 230	\$13,000	5714.330	//////////////////////////////////////
Well Control Insurance Contingency 5.0:	\$0.35 Per Foot % of Drilling Intangibles				DIDC.285 DIDC.435	\$5,000 \$130,000	DICC.220	\$13,000	STIM.220	\$104,000
Well Control Insurance Contingency 5.0: Construction For Flow Lines							DICC.220	\$13,000	STIM.220	\$104,000
Well Control Insurance Contingency 5.0: Construction For Flow Lines Construction For Sales P/L							DICC.220	\$13,000 \$13,000 \$271,000	STIM.220	\$104,000 \$104,000 \$2,183,500
Well Control Insurance Contingency 5.0 Construction For Flow Lines Construction For Sales P/L Total Intangible Cost						\$130,000	DICC.220		STIM.220	
Well Control Insurance Contingency 5.0. Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tangible: Well Equipment			Feet	\$/Foot		\$130,000	DICC.2220		STIM.220	
Well Control Insurance Contingency 5.0. Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Langible: Well Equipment Casing	% of Drilling Intangibles	Size 0	Feet 0:00	S/Foot :: \$0:00		\$130,000	DICC.220		STIM.220	
Well Control Insurance Contingency 5.0. Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Tangible: Well Equipment	% of Drilling Intangibles	Size	0.00	\$0.00 \$0.00	DIDC.435	\$130,000 	DICC.22D		STIM.220	
Well Control Insurance Contingency 5.0 Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Lingsible: Well Equipment Casing Drive Pipe Conductor Pipe Water String	% of Drilling Intangibles	Size	0.00 0.00	\$0.00 \$0.00 \$0.00	DWEB.130 DWEB.135	\$130,000 \$2,739,000 \$0 \$0 \$0	DICC.220		STIM.220	
Well Control Insurance Contingency 5.0. Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Langible: Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Cosing	% of Drilling Intangibles	Size 0	0.00 0.00 0.00 1700.00	\$0.00 \$0.00 \$0.00 \$39.00	DWEB.150 DWEB.130 DWEB.135 DWEB.135	\$130,000 \$2,739,000 \$2,739,000 \$0 \$0 \$0 \$66,000	DICC 230		STIM.220	IIII BARA III BARA
Well Control insurance Contingency Construction For Flow Lines Construction For Soles P/L Fotal Intangible Cost Tangible: Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Casing 1	% of Drilling Intangibles	Size	0:00 0:00 0:00 1700:00 5500:00	\$0.00 \$0.00 \$0.00	DIDC-435 DWEB.150 DWEB.130 DWEB.135 DWEB.140	\$130,000 \$2,739,000 \$0 \$0 \$0	DICC.22D		STIM.220	
Well Control insurance Contingency 5.0. Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Englibles Well Equipment Cosing Drive Pipe Conductor Pipe Water String Sourface Cosing Intermediate Cosing 1 Intermediate Casing 2	% of Drilling Intangibles	Size 0	0:00 0:00 0:00 1700.00 5500.00 0:00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00	DWEB.130 DWEB.130 DWEB.130 DWEB.145 DWEB.145 DWEB.145 DWEB.150	\$130,000 \$2,739,000 \$2,739,000 \$0 \$0 \$66,000 \$176,000		\$271,000		\$2,183,50
Well Control Insurance Contingency 5.0. Construction For Flow Lines Construction For Soles P/L Cotal Intangible Cost Angibles Well Equipment Casing Orive Pipe Conductor Pipe Water String Surface Cosing 1 Intermediate Cosing 2 Colling Uner Production Casing or Liner	% of Drilling Intangibles	Size 0	0:00 0:00 1:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00	DIDC-435 DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150	\$130,000 \$2,739,000 \$2,739,000 \$0 \$0 \$66,000 \$176,000	"DWEA.100	\$271,000 \$271,000 \$287,000		\$2,183,50
Well Control insurance Contingency Construction For Flow Unes Construction For Soles P/L Fotal Intangible Cost Foragibles Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Casing 1 Intermediate Casing 2 Driviling Uner Production Tie-Back	% of Drilling Intangibles	Size 0	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	DWEB.150 DWEB.135 DWEB.135 DWEB.135 DWEB.140 DWEB.145 DWEB.146	\$130,000 \$2,739,000 \$0 \$0 \$0 \$176,000 \$0		\$271,000 \$271,000 \$287,000	STIMT.101	\$2,183,50
Well Control Insurance Contingency 5.0. Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Angibles Well Equipment Casing Crive Pipe Conductor Pipe Water String Surface Cosing Intermediate Casing 1 Intermediate Casing 2 Conduction Casing or Liner Production Tie-Back Valuding	% of Drilling Intangibles	Size 0	0:00 0:00 1:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	DWEB.130 DWEB.130 DWEB.135 DWEB.135 DWEB.140 DWEB.140 DWEB.140 DWEB.140	\$130,000 \$2,739,000 \$2,739,000 \$0 \$0 \$66,000 \$176,000 \$0	DWEA.100	\$271,000 \$271,000 \$287,000 \$0	STIMT.101 STIMT.105	\$2,183,50 \$2,183,50 \$5,50 \$62,000
Well Control insurance Contingency 5.0. Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Angibles Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Tasing or Liner Production Tie-Back Publing Wellhead, Tree, Chokes	% of Drilling Intangibles	Size 0	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	DWEB.150 DWEB.135 DWEB.135 DWEB.135 DWEB.140 DWEB.145 DWEB.146	\$130,000 \$2,739,000 \$2,739,000 \$0 \$0 \$66,000 \$176,000 \$0	"DWEA.100	\$271,000 \$271,000 \$287,000 \$0 \$26,000	STIMT.101	\$2,183,500 \$2,183,500 \$2,000 \$20,000
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Costing Costin	% of Drilling Intangibles	Size 0	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00 \$0.00	DWEB.130 DWEB.130 DWEB.130 DWEB.140 DWEB.140 DWEB.140 DWEB.140 DWEB.140 DWEB.150	\$130,000 \$2,739,000 \$0 \$0 \$0 \$176,000 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.120	\$271,000 \$271,000 \$287,000 \$0 \$26,000	STIMT.101 STIMT.105 STIMT.400	\$2,183,500 \$2,183,500 \$50,000 \$20,000
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Cotal Intangible Cost Angibles Well Equipment Casing Crive Pipe Conductor Pipe Water String Surface Cosing Intermediate Casing 1 Intermediate Casing 2 Coviding Uner Conduction Tie-Back Valuation Tie-Back Val	% of Dritting Intangibles	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.130 DWEB.130 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.155 DWEB.150 DWEB.150	\$130,000 \$2,739,000 \$2,739,000 \$0 \$66,000 \$176,000 \$0 \$25,000 \$0	DWEA.100 DWEA.120 DWEA.125	\$271,000 \$287,000 \$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.105 STIMT.100 STIMT.405	\$2,183,500 \$2,183,500 \$562,000 \$20,000 \$25,000
Well Control insurance Contingency Construction For Flow Lines Construction For Sales P/L Cotal Intangible Cost Angibles Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 2 Drilling Liner Production Tasing or Liner Production Tie-Back Production Tie-Back Surface Chokes Liner Hanger, Isolation Packer Sacker, Nipples Surming Lint, Engine Downhole Lift Equipment (BHP, Rods, A	% of Dritting Intangibles	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.130 DWEB.130 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.155 DWEB.150 DWEB.150	\$130,000 \$2,739,000 \$0 \$0 \$0 \$176,000 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	DWEA.100 DWEA.120 DWEA.125	\$271,000 \$287,000 \$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.400	\$2,183,500 \$2,183,500 \$62,000 \$20,000
Well Control Insurance Contingency Contingency Construction For Flow Lines Construction For Sales P/L Cotal Intangible Cost Cotal Intangible Cost Costing Cos	% of Dritting Intangibles	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.130 DWEB.130 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.150 DWEB.150 DWEB.150	\$130,000 \$2,739,000 \$2,739,000 \$0 \$66,000 \$176,000 \$0 \$25,000 \$0	DWEA.100 DWEA.120 DWEA.125	\$271,000 \$287,000 \$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.105 STIMT.100 STIMT.405	\$2,183,500 \$2,183,500 \$50,000 \$20,000 \$25,000 \$25,000
Well Control Insurance Contingency Construction For Flow Unes Construction For Sales P/L Cotal Intangible Cost Congible Well Equipment Conductor Pipe Water String Uniter Cosing Intermediate Casing 1 Intermediate Casing 2 Intermediate Casing 2 Intermediate Casing 2 Intermediate Casing ar Uner Production Tie-Back Vubing Vellhead, Tree, Chokes Inter Hanger, Isolation Packer Vacker, Nipples Vumping Unit, Equipment (BHP, Rods, A Langible Lease Equipment V/C Lease Equipment	% of Dritting Intangibles	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.130 DWEB.130 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.150 DWEB.150 DWEB.150	\$130,000 \$2,739,000 \$2,739,000 \$0 \$66,000 \$176,000 \$0 \$25,000 \$0	DWEA.100 DWEA.120 DWEA.125	\$271,000 \$287,000 \$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.105 STIMT.100 STIMT.405	\$2,183,500 \$2,183,500 \$50,000 \$20,000 \$25,000 \$25,000
Well Control insurance Contingency Construction For Flow Lines Construction For Sales P/L Fotal Intangible Cost Forgibles Well Equipment Costing Conductor Pipe Water String Sourjace Cosing Intermediate Cosing 1 Intermediate Cosing 2 Production Tosing or Liner Production Tie-Back Fubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Lumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Al angible Lease Equipment Lanks, Tonks Steps, Stairs	% of Drilling Intangibles () () () () () () () () () () () () ()	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.130 DWEB.130 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.150 DWEB.150 DWEB.150	\$130,000 \$2,739,000 \$2,739,000 \$0 \$66,000 \$176,000 \$0 \$25,000 \$0	DWEA.100 DWEA.120 DWEA.125	\$271,000 \$287,000 \$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.105 STIMT.100 STIMT.405	\$2,183,500 \$2,183,500 \$50,000 \$20,000 \$25,000 \$25,000
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Cotal Intangible Cost Costal Intangible Cost Cotal Intangible Cost Costal Intangible Cost Cotal Intangible	% of Drilling Intangibles Of Drilling Intangibles Inchors, ESP, GVLs, PC Pure Treating Equipment)	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.130 DWEB.130 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.150 DWEB.150 DWEB.150	\$130,000 \$2,739,000 \$2,739,000 \$0 \$66,000 \$176,000 \$0 \$25,000 \$0	DWEA.100 DWEA.120 DWEA.125	\$271,000 \$287,000 \$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.105 STIMT.100 STIMT.405	\$2,183,500 \$2,183,500 \$562,000 \$20,000 \$25,000
Well Control Insurance Contingency Construction For Flow Unes Construction For Sales P/L Cotal Intangible Cost Congible Well Equipment Cost of the Well Equ	% of Drilling Intangibles Of Drilling Intangibles Inchors, ESP, GVLs, PC Pure Treating Equipment)	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.130 DWEB.130 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.150 DWEB.150 DWEB.150	\$130,000 \$2,739,000 \$2,739,000 \$0 \$66,000 \$176,000 \$0 \$25,000 \$0	DWEA.100 DWEA.120 DWEA.125	\$271,000 \$287,000 \$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.105 STIMT.100 STIMT.405	\$2,183,500 \$2,183,500 \$562,000 \$20,000 \$25,000
Well Control insurance Contingency Construction For Flow Lines Construction For Sales P/L Fotal Intangible Cost Fongibles Well Equipment Casing Drive Pipe Conductor Pipe Water String Surjace Cosing Intermediate Casing 2 Drilling Liner Production Ta-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Tacker, Nipples Tumping Unit, Engine Downhole Lift Equipment Let's Equipment Locker, Nipples Locke	% of Drilling Intangibles Of Drilling Intangibles Inchors, ESP, GVLs, PC Pure Treating Equipment)	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.130 DWEB.130 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.150 DWEB.150 DWEB.150	\$130,000 \$2,739,000 \$2,739,000 \$0 \$66,000 \$176,000 \$0 \$25,000 \$0	DWEA.100 DWEA.120 DWEA.125	\$271,000 \$287,000 \$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.105 STIMT.100 STIMT.405	\$2,183,500 \$2,183,500 \$562,000 \$20,000 \$25,000
Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Cotal Intangible Cost Angible: Well Equipment Casing Crive Pipe Conductor Pipe Water String Gurface Cosing Intermediate Casing 1 Intermediate Casing 2 Conduction Casing or Liner Production Tie-Back Vabing Velihead, Tree, Chokes Inter Hanger, Isolation Packer Cocker, Nipples Vemples Company Lines Velihead, Tree, Chokes Inter Hanger, Isolation Packer Cocker, Nipples Compile Losse Equipment Cocker, Nipples Cocker, Nipples Compile Losse Equipment Cocker, Nipples Compile Losse Equipment Cocker, Nipples Cocker, Nipples Compile Losse Equipment Cocker, Nipples Cocker, Nipp	% of Drilling Intangibles Continue of the International Continue	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.130 DWEB.130 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.150 DWEB.150 DWEB.150	\$130,000 \$2,739,000 \$2,739,000 \$0 \$66,000 \$176,000 \$0 \$25,000 \$0	DWEA.100 DWEA.120 DWEA.125	\$271,000 \$287,000 \$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.105 STIMT.100 STIMT.405	\$2,183,50 \$2,183,50 \$562,000 \$20,000 \$25,000
Well Control insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Angibles Well Equipment Cosing Corley Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Tie-Back Producti	% of Drilling Intangibles Continue of the International Continue	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.130 DWEB.130 DWEB.130 DWEB.135 DWEB.140 DWEB.140 DWEB.150 DWEB.150 DWEB.150	\$130,000 \$2,739,000 \$2,739,000 \$0 \$66,000 \$176,000 \$0 \$25,000 \$0	DWEA.100 DWEA.120 DWEA.125	\$271,000 \$287,000 \$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.105 STIMT.100 STIMT.405	\$2,183,500 \$2,183,500 \$50,000 \$20,000 \$25,000 \$25,000
Well Control Insurance Contingency Construction For Flow Unes Construction For Sales P/L Cotal Intangible Cost Congible Well Equipment Costs Cotal Intangible Cost Cotal Intangible Cost Congible Well Equipment Costs Cost	% of Drilling Intangibles Continue of the International Continue	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.150 DWEB.140 DWEB.140 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.155 DWEB.150	\$130,000 \$2,739,000 \$0 \$0 \$65,000 \$176,000 \$0 \$25,000 \$0	DWEA.100 DWEA.165 DWEA.125 DWEA.125	\$271,000 \$287,000 \$0 \$26,000 \$0	STIMT.101 STIMT.105 STIMT.405 STIMT.405 STIMT.405	\$2,183,500 \$4,183,500 \$62,000 \$25,000 \$25,000
Well Control Insurance Contingency Construction For Flow Unes Construction For Sales P/L Cotal Intangible Cost Cotal Intangible Intangible Cotal Intangible Intangible Cotal	% of Drilling Intangibles Continue of the International Continue	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.150 DWEB.140 DWEB.140 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.155 DWEB.150	\$130,000 \$2,739,000 \$0 \$0 \$176,000 \$176,000 \$0 \$0 \$0	DWEA.100 DWEA.165 DWEA.125 DWEA.125	\$271,000 \$287,000 \$0 \$26,000	STIMT.101 STIMT.105 STIMT.405 STIMT.405 STIMT.405	\$2,183,500 \$2,183,500 \$62,000 \$25,000 \$25,000 \$25,000
Well Control insurance Contingency Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Englibles Well Equipment Cosing Orive Pipe Conductor Pipe Water String Sourface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Juner Hanger, Isolation Packer Production Lines Tocker, Nipples Verming Unit, Engine Downhole Lift Equipment (BHP, Rods, A angibles Losse Equipment Lottery (Heater Treater, Separator, Gas econdary Containments Verthead Power Distribution (electric li acility Electrical & Automation WID Connection Jow Lines (Line Pipe from wellhead to co lipeline to Sales Aeters and Metering Equipment otal Tangibles	% of Drilling Intangibles Continue of the International Continue	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.130 DWEB.130 DWEB.130 DWEB.130 DWEB.140 DWEB.140 DWEB.140 DWEB.140	\$130,000 \$2,739,000 \$0 \$0 \$176,000 \$0 \$0 \$25,000 \$0 \$25,000	DWEA100 DWEA165 DWEA120 DWEA125	\$271,000 \$287,000 \$0 \$26,000 \$0 \$313,000	STIMT.101 STIMT.105 STIMT.400 STIMT.400 STIMT.400	\$2,183,500 \$2,183,500 \$50,000 \$25,000 \$25,000 \$25,000 \$25,000 \$27,000
Well Control Insurance Contingency 5.0. Construction For Flow Lines Construction For Sales P/L Total Intangible Cost Langible: Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Cosing	% of Drilling Intangibles Continue of the International Continue	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.150 DWEB.140 DWEB.140 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.155 DWEB.150	\$130,000 \$2,739,000 \$0 \$0 \$176,000 \$0 \$0 \$25,000 \$0 \$25,000	DWEA.100 DWEA.165 DWEA.125 DWEA.125	\$271,000 \$287,000 \$0 \$26,000 \$0 \$313,000	STIMT.101 STIMT.105 STIMT.400 STIMT.400 STIMT.400	\$2,183,500 \$2,183,500 \$62,000 \$25,000 \$25,000
Well Control Insurance Lontingency 5.0. Lontingency 5.0. Lontingency 5.0. Lontingency 5.0. Lontingency 5.0. Lontingency 5.0. Lontingency 6.0. Lontingency 6.0. Lontingency 6.0. Lontingency 6.0. Longible-Well Equipment Longible-Well Equipment Longible-Well Equipment Longible-Well Equipment Longible-Well Equipment Longible Cosing Longible Cosing Lontermediate Cosing 1 Lontermediate Cosing 2 Londing Loner Londuction Casing or Liner Londuction Tie-Back Loubling Longible L	% of Drilling Intangibles Continue of the International Continue	Size 0 0 0 13:375 9.625 9.625 0 0 0 2.375	0:00 0:00 0:00 1700.00 5500.00 0:00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$21.00 \$0.00 \$19.00 \$6.00	DWEB.130 DWEB.130 DWEB.130 DWEB.130 DWEB.140 DWEB.140 DWEB.140 DWEB.140	\$130,000 \$2,739,000 \$0 \$0 \$176,000 \$0 \$0 \$25,000 \$0 \$25,000	DWEA100 DWEA165 DWEA120 DWEA125	\$271,000 \$287,000 \$0 \$26,000 \$0 \$313,000	STIMT.101 STIMT.105 STIMT.400 STIMT.400 STIMT.400	\$2,183,500 \$2,183,500 \$562,000 \$20,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$25,000



Lease Name:

AND THE STREET STREET,	72	SWALLER WA	NEW Z		Production		iPost	Total Well
							Completion	
ritangibles				Equipment //			Cost	
Roads & Location Preparation / Restoration	- med am hele a	الرائالية كسوسا		CON.100	\$22,500	PCOM.100	50	\$144,500
Damages				CON.105	\$7,500			\$10,500
Mud / Fluids Disposal Charges Day Rate 25:00 DH Days 3,00 ACP Days @ \$24,000.00 Per Day						PCOM.255	\$60,000	\$249,000
Misc Preparation Cost (mouse hole, rat hole, pads, pile cluster		344,000,00	arei buy					\$30,000
Bits						PCOM.125	50	\$141,000
Fuel \$3.50 Per Gallon	HHMMMM	Gallons Per L	Day			PCOM.130	50	\$130,000
Water for Drilling Rig / Completion Fluids (Not Frac Water)						PCOM.135	\$3,000	\$6,000
Mud & Additives Surface Rentals					\$7,350	PCOM.140	\$90,000	\$120,000 \$207,350
Downhole Rentals				CON.140	MIMIMI	PCOM.145	\$0	\$110,000
Formation Evaluation (DST, Coring including evaluation, G&G								\$0
	Days @	\$1;500.00	Per Doy					\$31,000
Open Hole Logging Cementing & Float Equipment								\$27,000
Tubular Inspections		-				PCOM.160	SO	\$52,000
Casing Crews								\$55,000
Extra Labor, Welding, Etc.				CCN.170		PCOM.170	\$30,000	\$209,800
Lond Transporation (Trucking for tangibles)		\$3,800.00	Teer Day	CON.175 CON.180		PCOM.175	\$5,000	\$66,000 \$137,300
Supervision Trailer House / Camp / Catering		30,800.00	J. Cr Duy	////////		////////	///////////////////////////////////////	\$49,000
Other Misc Expenses				CON.190	\$0	PCOM.190	\$35,000	\$36,000
Overhead								\$8,000
Remedial Cementing						PCOM.215	\$0	\$0
MOB/DEMOB Directional Drilling Services			-					\$180,000 \$320,000
Crane for Construction				CON.230	\$4,500			\$4,500
Solids Control								\$80,000
Well Control Equip (Snubbing Svcs.)						PCOM.240	SO	\$148,000
Fishing & Sidetrack Operations						PCOM.245 PCOM.115	\$18,000	\$130,000 \$43,000
Completion Rig Cail Tubing		-				PCOM.260	\$10,000	\$225,000
Completion Logging, Perforating, WL Units, WL Surveys						PCQM.200	\$0	\$100,000
Composite Plugs						PCOM.390	\$0	\$29,000
Stimulation Pumping Charges, Chemicals, Additives, Sand						PCOM.210	\$0	\$1,195,000
Stimulation Water / Water Transfer / Water Storage								\$268,000 \$0
Cimarex Owned Frac / Rental Equipment								
				CON.300	\$0	4//////		\$0
Legal / Regulatory / Curative Well Control Insurance \$0.35 Per Foat								\$0 \$5,000
Legal / Regulatory / Curative Well Control Insurance \$0.35 Per Foot Contingency \$.00 % of Drilling Intangible	es			CON.220	\$0	PCDM.220	\$9,000	\$5,000 \$5,000 \$256,000
Legal / Regulatory / Curative Well Control Insurance \$0.35 Per Foot Contingency \$.0 % of Drilling Intangible Canstruction For Flow Lines	es			CON.220 CON.310	\$0 \$0	4//////		\$0 \$5,000 \$256,000 \$0
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L	es			CON.220	\$0 \$0			\$5,000 \$5,000 \$256,000
Legal / Regulatory / Curative Well Control Insurance \$0.35 Per Foot Contingency \$.0 \% of Orilling Intangible Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost	es			CON.220 CON.310	\$0 \$0 \$0	4//////		\$0 \$5,000 \$256,000 \$0 \$0
Legal / Regulatory / Curative Well Control Insurance \$0.35 Per Foot Contingency \$.0 % of Orilling Intangible Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tangible - Well Equipment	25.50.0			CON.220 CON.310	\$0 \$0 \$0	4//////		\$0 \$5,000 \$256,000 \$0 \$0
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Langible - Well Equipment Casing	Size	Feet	\$/Foot	CON.220 CON.310	\$0 \$0 \$0	4//////		\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950
Legal / Regulatory / Curative Well Control Insurance Contingency S.D. % of Drilling Intangible Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tangible - Well Equipment Casing Drive Pipe	25.50.0	Feet 0.00	-	CON.220 CON.310	\$0 \$0 \$0	4//////		\$0 \$5,000 \$256,000 \$0 \$0
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Langible - Well Equipment Casing	Size 0 0 0	0.00	\$0.00	CON.220 CON.310	\$0 \$0 \$0	4//////		\$0 \$5,000 \$256,000 \$0 \$5,674,950
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Woter String Surface Cosing	Size 0 0 0 0	0.00 0.00 0.00 1700.00	\$0.00 \$0.00 \$0.00 \$39.00	CON.220 CON.310	\$0 \$0 \$0	4//////		\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$0
Legal / Regulatory / Curative Well Control Insurance Contingency S.D. % of Drilling Intangible Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1	Size 0 0 0 0 13,375 9.625	0.00 0.00 0.00 1700.00 5500.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00	CON.220 CON.310	\$0 \$0 \$0	4//////		\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tangible - Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2	Size 0 0 0 0	0.00 0.00 0.00 1700.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	4//////		\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$0
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tatal Intangible Cost Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Cosing 1 Intermediate Cosing 2 Drilling Uner Production Casing or Liner	Size 0 0 0 13,975 9,625 0	0.00 0.00 0.00 1700:00 5500.00 0.00 15120.00	\$0.00 \$0.00 \$0.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	4//////		\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$0 \$0 \$287,000
Legal / Regulatory / Curative Well Control Insurance Contingency S.D. S of Drilling Intangible Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Uner Production Casing or Uner Production Tie-Back	Size 0 0 0 13,975 9,625 0 0 5,5	0.00 0.00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.220 CON.310 CON.265	\$0 \$0 \$0		\$257,800	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$176,000 \$176,000 \$287,000
Legal / Regulatory / Curative Well Control Insurance Contingency S.D. % of Drilling Intangible Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tangible - Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Uner Production Cosing or Liner Production Tie-Back Tubing	Size 0 0 0 13,975 9,625 0	0.00 0.00 0.00 1700:00 5500.00 0.00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	4//////		\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$0 \$287,000 \$0 \$287,000
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Vangible - Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes	Size 0 0 0 13,975 9,625 0 0 5,5	0.00 0.00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	PCOMT.105	\$257,800	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$176,000 \$176,000 \$287,000
Legal / Regulatory / Curative Well Control Insurance Contingency S.D. % of Drilling Intangible Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tangible - Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Uner Production Cosing or Liner Production Tie-Back Tubing	Size 0 0 0 13,975 9,625 0 0 5,5	0.00 0.00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	PCDMT-105	\$257,800	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$176,000 \$287,000 \$0 \$562,000 \$71,000 \$0 \$525,000
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tangible - Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Uner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine	Size 0 0 0 13.375 9.625 0 0 5.5 0	0.00 0.00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	PCOMT.105 PCOMT.400 PCOMT.400	\$257,800 \$257,800 \$257,800 \$0 \$115,000	\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$176,000 \$287,000 \$71,000 \$71,000 \$152,000 \$115,000
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Vangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Uner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, GVLs, PCP)	Size 0 0 0 13.375 9.625 0 0 5.5 0	0.00 0.00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.220 CON.310 CON.265	\$0 \$0 \$0 \$223,650	PCDMT-105	\$257,800	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$176,000 \$287,000 \$0 \$562,000 \$71,000 \$0 \$525,000
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tangible - Well Equipment Casing Drive Pipe Conductor Pipe Woter String Surface Cosing 1 Intermediate Cosing 1 Intermediate Cosing 2 Drilling Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, GVLs, PC P	Size 0 0 0 13.375 9.625 0 0 5.5 0	0.00 0.00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.220 CON.310 CON.265	\$0 \$0 \$0	PCOMT.405 PCOMT.405 PCOMT.410	\$257,800 \$257,800 \$257,800 \$0 \$115,000	\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$176,000 \$176,000 \$287,000 \$71,000 \$71,000 \$152,000 \$115,000
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Vangible - Well Equipment Casing Drive Pipe Conductor Pipe Water String Surface Casing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Uner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, GVLs, PCP)	Size 0 0 0 13.375 9.625 0 0 5.5 0	0.00 0.00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.229 CDN.310 CDN.265	\$0 \$0 \$0 \$223,650	PCOMT.405 PCOMT.405 PCOMT.410	\$257,800 \$257,800 \$257,800 \$0 \$115,000	\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$0 \$176,000 \$176,000 \$287,000 \$171,000 \$0 \$171,000 \$171,0
Legal / Regulatory / Curative Well Control Insurance Contingency S.O. % of Drilling Intangible Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tangible - Well Equipment Cosing Drive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Drilling Uner Production Cosing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, GVLs, PC P (Langible, - Losse Equipment Tanks, Tanks Steps, Stoirs Battery (Heater Treater, Separator, Gas Treating Equipment)	Size 0 0 0 13.375 9.625 0 0 5.5 0	0.00 0.00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.220 CON.310 CON.265	\$0 \$0 \$0 \$223,650 \$223,650 \$191,940 \$110,300 \$250,600	PCOMT.105 PCOMT.405 PCOMT.405	\$257,800 \$257,800 \$257,800 \$0 \$115,000	\$0 \$5,000 \$256,000 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$0 \$176,000 \$176,000 \$176,000 \$176,000 \$171,000 \$1115,000 \$1155,000 \$11
Legal / Regulatory / Curative Well Control Insurance Contingency Construction For Flow Lines Construction For Sales P/L Tatal Intangible Cost Tatal Intangible Cost Tangible - Well Equipment Cosing Orive Pipe Conductor Pipe Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 1 Intermediate Cosing 2 Drilling Uner Production Tie-Back Tubing Wellhead, Tree, Chokes Liner Hanger, Isolation Pocker Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Anchors, ESP, GVLs, PC P Tengible - Tokso Equipment Tanks, Tanks Steepenst Secondary Containments	Size 0 0 0 13.375 9.625 0 0 5.5 0	0.00 0.00 1700.00 5500.00 0.00 0.00 15120.00	\$0.00 \$0.00 \$39.00 \$39.00 \$32.00 \$0.00 \$19.00	CON.229 CON.310 CON.265 III CON.265 CON.405 CONT.400 CONT.415	\$0 \$0 \$0 \$223,650 \$223,650 \$191,940 \$110,300 \$250,600	PCOMT-105 PCOMT-400 PCOMT-400 PCOMT-410	\$257,800 \$257,800 \$257,800 \$0 \$115,000	\$0 \$5,000 \$256,000 \$0 \$0 \$0 \$5,674,950 \$0 \$0 \$0 \$0 \$0 \$176,000 \$171,000 \$0 \$25,000 \$115,000 \$115,000 \$191,940 \$
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AFE Code	AFE Begin Date	Drill-IT Work Start Date	AFE Name	Objective	Region	AFE	Actual Costs	Operator
25418.	2 6/2/2014	12/6/2014	LEA 7 FEDERAL COM 1H	FEDERAL COM 1H D&C 3RD BONE SPRINGS HORIZONTAL	PERMIAN BASIN-HOBBS 57,427,343	\$7,427,343	\$7,912,683 CIMAREX	CIMAREX
3715133WE	10/14/2015	10/14/2015	LEA 7 FEDERAL COM 1H	FEDERAL COM 1H FAILED ESP; RIH W/ REPAIRED ESP	PERMIAN BASIN-HOBBS	\$60,000	\$114,360 CIMAREX	CIMAREX
3716012CW	2/19/2016	2/19/2016	LEA 7 FEDERAL COM 1H	FEDERAL COM 1H CONVERT FROM ESP TO ROD LIFT	PERMIAN BASIN-HOBBS	\$105,000	\$	175,575 CIMAREX
3716201CW	9/26/2016		LEA 7 FEDERAL COM 1H	FEDERAL COM 1H INSTLELECTRICAL POWER AT LOCATION	PERMIAN BASIN-HOBBS	\$41,000		\$40,210 CIMAREX

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

AFFIDAVIT

APPLICATION OF CIMAREX ENERGY CO. FOR A NON-STANDARD OIL SPACING AND PRORATION UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 15848

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss.)
Jennifer L. Bradfute, attor	ney in fact and authorized representative of Cimarex Energy
Co., the Applicant herein, being	first duly sworn, upon oath, states that the above-referenced
Application was provided under th	ne notice letter and proof of receipt attached hereto.
SUBSCRIBED AND SWO	Jennifer L. Bradfute ORN to before me this 24th day of October 2017 by Jennifer L
Bradfute.	Notary Public
My commission expires:	OFFICIAL SEAL Zina Crum NOTARY PUBLIC STATE OF NEW MEXICO My Commission Fynires: LPC 01.7019



September 19, 2017

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

NON-

Jennifer L. Bradfute 505.848.1845 Fax: 505.848.1882

jib@modrali.com

Re: APPLICATION OF CIMAREX ENERGY CO. FOR A NON-STANDARD OIL SPACING AND PRORATION UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

Case No. 15848

TO: POOLED PARTIES AND OFFSETS

This letter is to advise you that Cimarex Energy Co. ("Cimarex") has filed the enclosed application with the New Mexico Oil Conservation Division seeking the creation of a non-standard creating a non-standard 160-acre, more or less, oil spacing and proration unit in the Bone Spring formation, comprised of the W/2 W/2 of Section 7, Township 20 South, Range 35 East, NMPM, Lea County, New Mexico; and, pooling all mineral interests in the Bone Spring formation underlying this proposed non-standard spacing and proration unit for the development of the Lea 7 Federal Com 1H well.

This application has been set for hearing before a Division Examiner at 8:15 a.m. on October 12, 2017. The hearing will be held in Porter Hall in the Oil Conservation Division's Santa Fe Office located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. As a party who may be affected by this application, we are notifying you of your right to appear at the hearing and participate in this case, including the right to present evidence either in support of or in opposition to the application. Failure to appear at the hearing may preclude you from any involvement in this case at a later date.

You are further notified that if you desire to appear in this case, then you are requested to file a Pre-Hearing Statement with the Division not later than 5:00 PM on October 5, 2017, with a copy delivered to the undersigned.

Sincerely,

Jennifer L. Bradfute

Attorney for Cimarex Energy Co.

Modrall Sperling Roehl Harris & Sisk P.A.

Bank of America Centre 500 Fourth Street NW Suite 1000 Albuquerque, New Mexico 87102

PO Box 2168 Albuquerque, New Mexico 87103-2168

Tel: 505.848.1800 www.modrall.com

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

APPLICATION OF CIMAREX ENERGY CO. FOR A NON-STANDARD OIL SPACING AND PRORATION UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE	NO.	

APPLICATION

Cimarex Energy Co. ("Cimarex"), OGRID Number 215099, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order: (1) creating a non-standard 160-acre, more or less, oil spacing and proration unit in the Bone Spring formation, comprised of the W/2 W/2 of Section 7, Township 20 South, Range 35 East, NMPM, Lea County, New Mexico; and. (2) pooling all mineral interests in the Bone Spring formation underlying this proposed non-standard spacing and proration unit. In support of this application, Cimarex states as follows:

- Cimarex is an interest owner in the subject lands and has a right to drill a well thereon.
- 2. Cimarex seeks to dedicate the W/2 W/2 of Section 7 to the proposed well to form a non-standard 160-acre, more or less, oil spacing and proration unit (the "project area").
- 3. Cimarex has drilled the Lea 7 Federal Com 1H well to a depth sufficient to test the Bong Springs formation. This well is a horizontal well with a surface location 330 feet from

the South line, 660 feet from the West line of Section 7, and a terminus 330 feet from the North line, 868 feet from the West line of Section 7.

- 4. This well is within the WC-025 G-08 S203506D pool (Pool Code 97983), which is subject to the statewide rules for oil spacing and proration units. The producing interval that Cimarex seeks to drill will comply with the statewide 330 foot setback requirements established under Rule 19.15.15.9(A) NMAC.
- 5. Cimarex sought, but has been unable to obtain a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed project area to participate in the drilling of the well or to otherwise commit their interests to the well.
- 6. Approval of the non-standard unit and the pooling of all interests in the Bone Spring formation underlying the proposed project area will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.
- 7. Notice of this application is being given in accordance with Division rules as shown on Exhibit A.

WHEREFORE, Cimarex Energy Co. requests this application be set for hearing before an Examiner of the Oil Conservation Division on October 12, 2017, and after notice and hearing as required by law, the Division enter its order:

- A. Creating a non-standard oil spacing and proration unit ("project area") in the Bone Spring formation comprised of W/2 W/2 of Section 7, Township 20 South, Range 35 East, NMPM, Lea County, New Mexico;
- B. Pooling all mineral interests in the Bone Spring formation underlying this non-standard spacing and proration unit/project area;

- C. Designating Cimarex as operator of this unit and the well to be drilled thereon;
- D. Authorizing Cimarex to recover its costs of drilling, equipping and completing this well;
- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- F. Setting a 200% charge for the risk involved in drilling and completing the well in the event a working interest owner elects not to participate in the well.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS & SISK, P.A.

Ву:__

Earl E. DeBribe Ir. \(\)
Jennifer Bradfute
Post Office Box 2168

Bank of America Centre

500 Fourth Street NW, Suite 1000

Albuquerque, New Mexico 87103-2168

Telephone: 505.848.1800 Attorneys for Applicant

EXHIBIT A

CIMAREX ENERGY CO. NOTICE LIST

Parties to be pooled:

AOG Mineral Partners, Ltd. 601 W. Texas Ave Midland, Texas 79701

The Long Family Trusts, Larry P. Long, Managing Trustee 118 S. Kilgore St. Kilgore, Texas 75662

Lowe Family, Ltd. P.O. Box 53775 Lubbock, Texas 79453

Vora Lowe Hartley Mineral Trust, Attn: Teddy L. Hartley & Robert Thomas Hartley, Trustees P.O. Box 1024 Clovis, NM 88102

M. Dion Lowe 7801 Espanola Austin, TX 78737

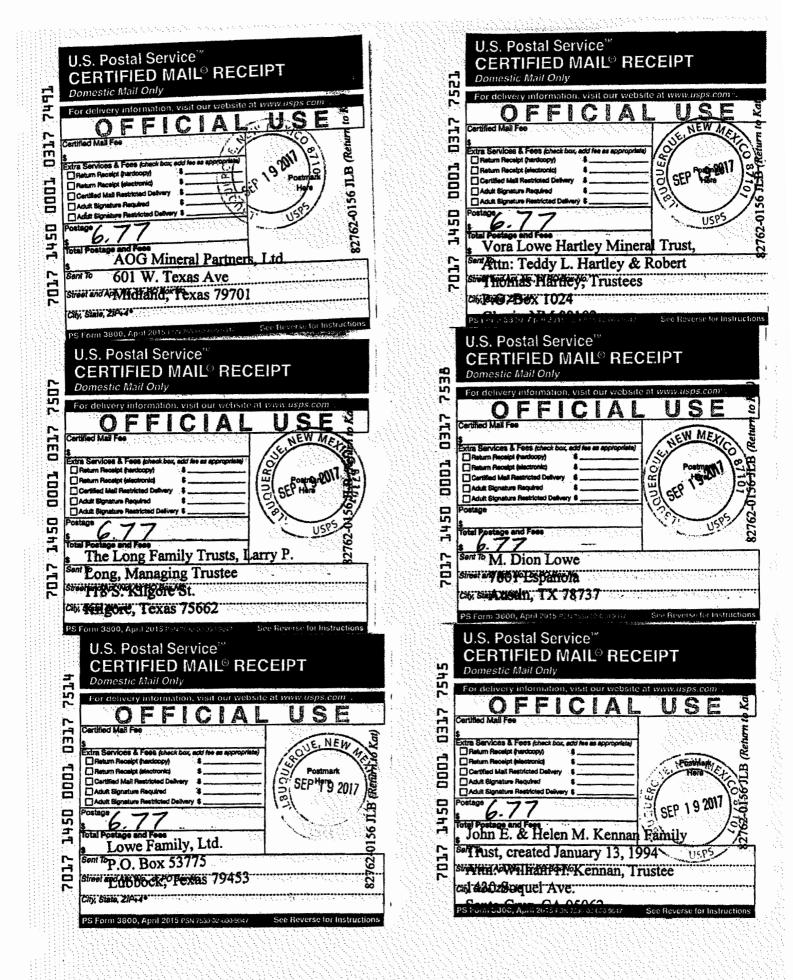
John E. & Helen M. Kennan Family Trust, created January 13, 1994 Attn: William H. Kennan, Trustee 1430 Soquel Ave. Santa Cruz, CA 95062

Offsets:

Marshall & Winston, Inc. P.O. Box 50880 Midland, Texas 79710

Legacy Reserves LP P.O. Box 10848 Midland, TX 79702

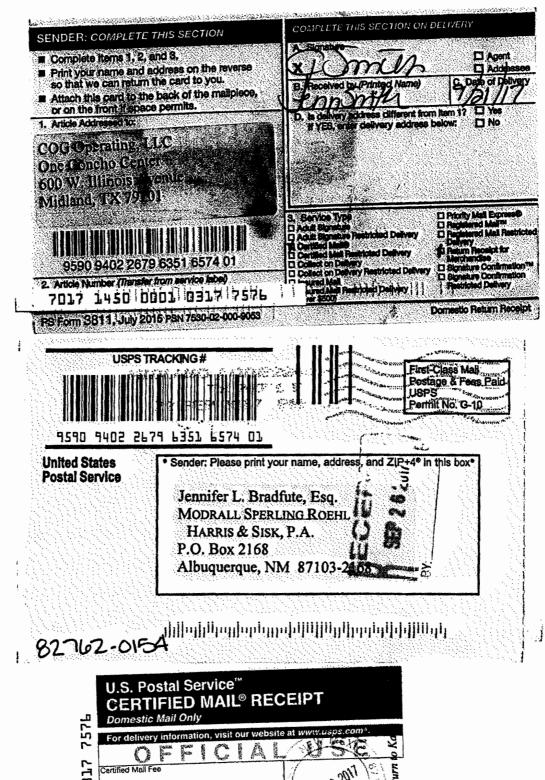
COG Operating, LLC One Concho Center 600 W. Illinois Avenue Midland, TX 79701 case No. _______: Application of Cimarex Energy Co. for a non-standard spacing and proration unit and compulsory pooling, Lea County, New Mexico. Applicant seeks an order from the Division: (1) creating a non-standard 160-acre, more or less, oil spacing and proration unit in the Bone Spring formation, comprised of the W/2 W/2 of Section 7, Township 20 South, Range 35 East, NMPM, Lea County, New Mexico; and, (2) pooling all mineral interests in the Bone Spring formation underlying this proposed non-standard spacing and proration unit. This proposed non-standard spacing and proration unit will be the project area for the Lea 7 Federal Com. #1H well, to be horizontally drilled. The producing area for this well will be 330 feet from the project area boundary. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Cimarex as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 12 miles southeast of the intersection of Hobbs Highway 180 and County Road 27-A/Marathon Road, located in Lea County, New Mexico.



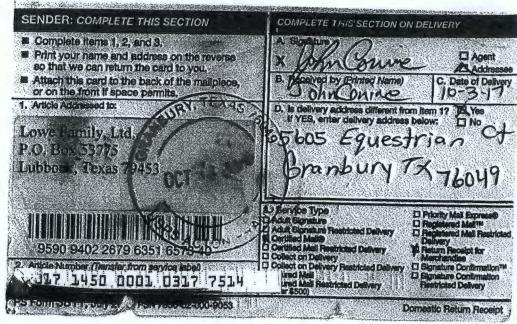
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	Certified Mail Restricted Delivery
E	Return Receipt (electronic)
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701	F.O. Box 10848 Wildland, TX 79702
	Chy, State, 219-19
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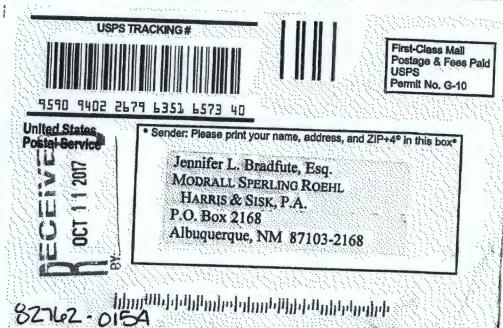
Cimarex Application Notice Lea 7 Federal Com 1H Mailed September 19, 2017

Parties to be Pooled	CERTIFIED NO.
AOG Mineral Partners, Ltd.	7017-1450-0001-0317-7491
P.O. Box 1015	09/26/17
Midland, Texas 79702	
M. Dion Lowe	7017-1450-0001-0317-7538
7801 Espanola Trail	10/02/17
Austin, Texas 78737	
John E. & Helen M. Kennann Family Trust,	7017-1450-0001-0317-7545
created January 13, 1994	09/27/17
Attn: William H. Kennan, Trustee	
1430 Soquel Ave.	
Santa Cruz 95062	
The Long Family Trusts	7017-1450-0001-0317-7507
Larry P. Long, Managing Trustee	09/26/17
118 S. Kilgore St.	
Kilgore, Texas 75662	
Lowe Family, Ltd.	7017-1450-0001-0317-7514
P.O. Box 53775	10/11/17
Lubbock, Texas 79453	
Vora Lowe Hartley Mineral Trust	7017-1450-0001-0317-7521
Attn: Teddy L. Hartley & Robert Thomas	10/02/17
Hartley, Trustees	
P.O. Box 1024	
Clovis, NM 88102	
Offsets:	
Marshall & Winston, Inc.	7017-1450-0001-0317-7552
P.O. Box 50880	09/29/17
Midland, Texas 79710	
Legacy Reserves LP	7017-1450-0001-0317-7569
P.O. Box 10848	09/27/17
Midland, TX 79702	
COG Operating, LLC	7017-1450-0001-0317-7576
One Concho Center	09/28/17
600 W. Illinois Avenue	
Midland, TX 79701	

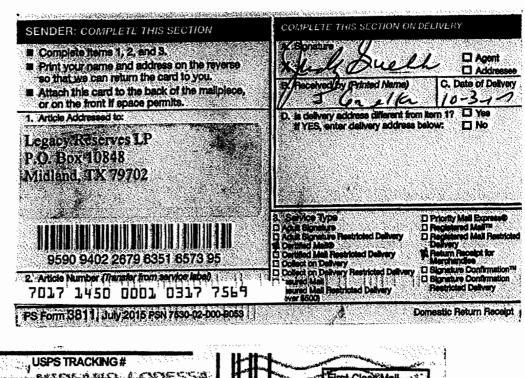


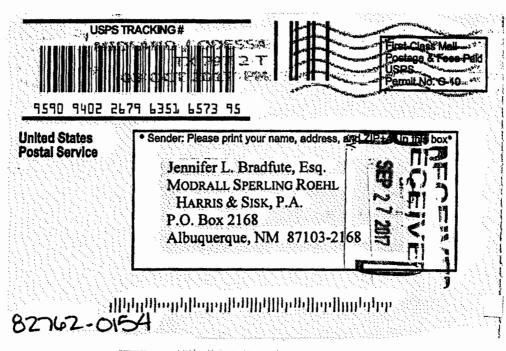




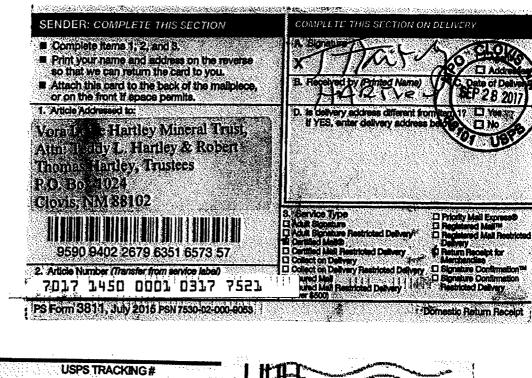


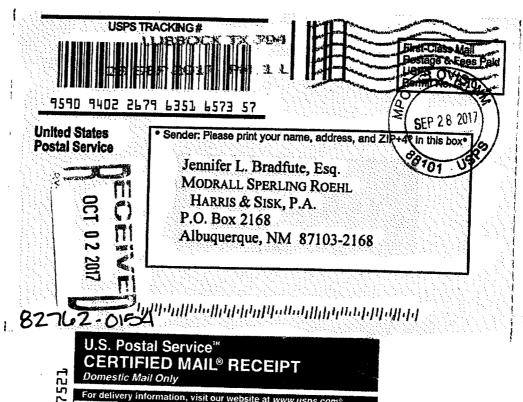


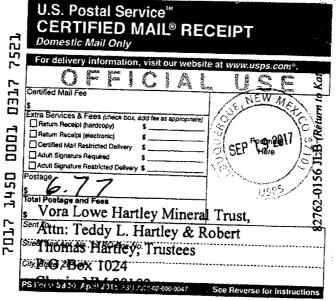


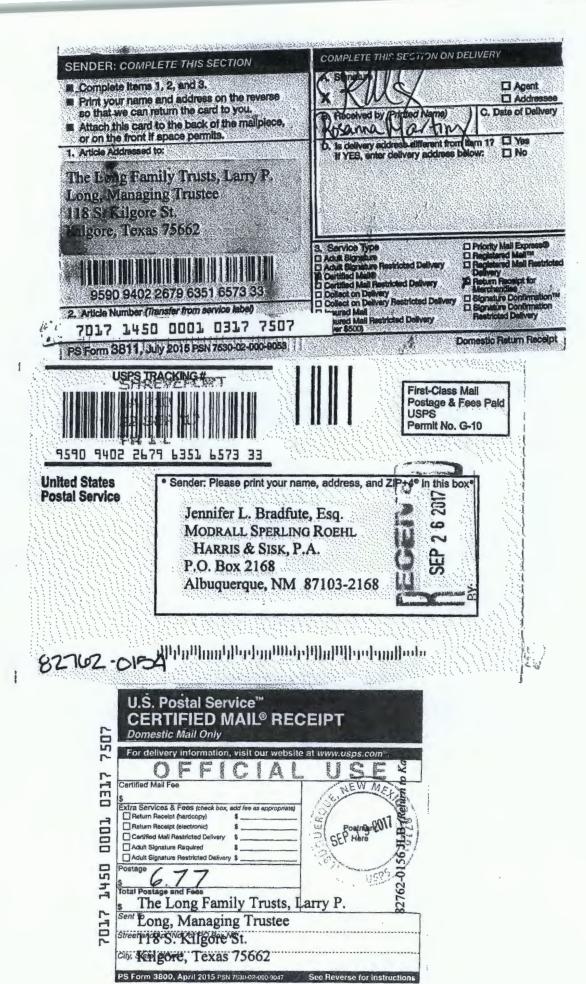


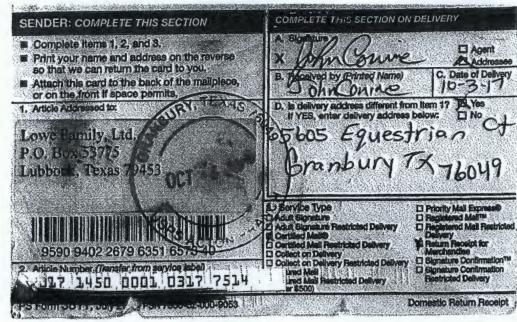


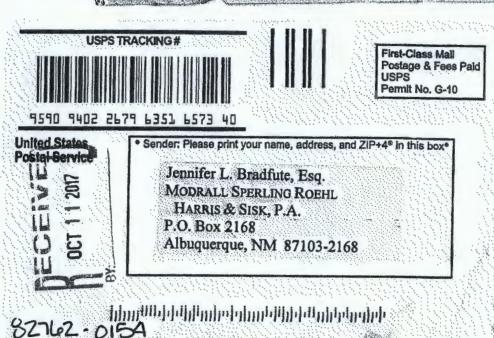




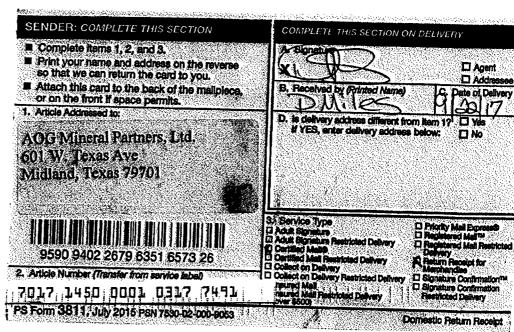


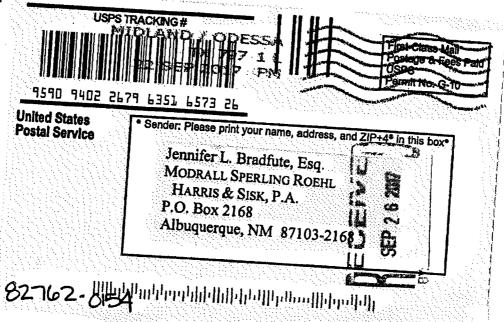




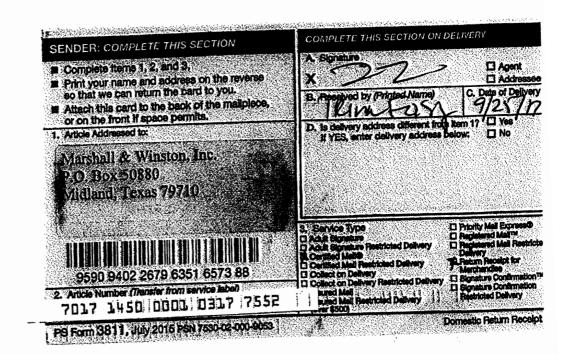


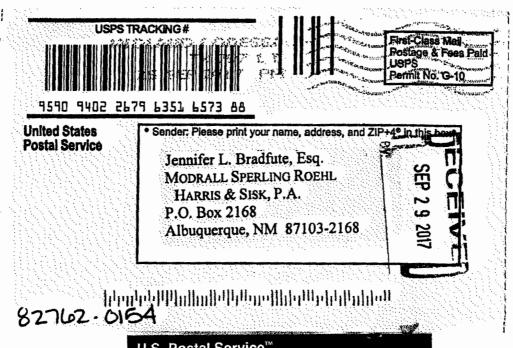


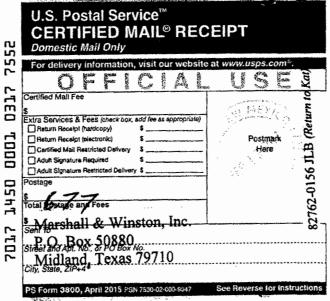














MODRALL SPERLING

Modrall Sperling Roehl Harris & Sisk, P.A.

PO Box 2168 Albuquerque, NM 87103-2168



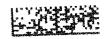


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NEOPOST

09/26/2017

US POSTAGE



ZIP 87 102 041M112834

posture 485 W

John E. & Helen M. Kennan Family Trust, created

January 13, 1994

Attn: William H. Kennan, Trustee

1430 Soquel

NIXIE 957

0009/23/17

Santa Cruz, C

RETURN TO SENDER INSUFFICIENT ADDRESS UNABLE TO FORWARD

8C: 87103216868 *0968-00161-19-41 ամակրիկորդիկանիկորհանկերկեւների

DER: COMPLETE THIS SECTION

omplete items 1, 2, and 3, int your name and address on the reverse that we can return the card to you. tach this card to the back of the maliplece, on the front if space permits.

ticle Addressed to:

Helen M. Kennan Family eated January 13, 1994 illiam H. Kennan, Trustee 0 Soquel Ave.

ta Cruz, CA 95062

9590 9402 2679 6351 6573 71

icle Number (Transfer from service label)

rm 3811, July 2015 PSN 7530-02-000-9059

COMPLETE THIS SECTION ON DEL	IVERY
A. Signature	☐ Agent
B. Received by (Printed Name)	C. Date of Delivery
 D. Is delivery address different from iter if YES, enter delivery address below 	m 1? ☐ Yes w: ☐ No

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3.	Serv	ice Type
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- Adult Signature
 Adult Signature Restricted Delivery
 Certified Meli®
 Certified Mail Restricted Delivery
 Collect on Delivery
- ☐ Collect on Delivery Restricted Deliv ☐ insured Mail
 ☐ insured Mail Restricted Delivery
 (over \$500)
- ☐ Priority Mail Express®
 ☐ Registered Mail™
- □ Registered Mail Restricted Delivery
 □ Return Receipt for Merchandise
 □ Signature Confirmation™

Signature Confirmation Restricted Delivery

Domestic Return Receipt

7545	U.S. Postal Service [™] CERTIFIED MAIL [®] RECEIPT Domestic Mail Only
5	For delivery information, visit our website at www.usps.com ³ .
	OFFICIAL USE &
0317	Certified Mail Fee \$ Extra Services & Fees (check box, add fee as appropriate)
	Return Receipt (electronic) S Postmark
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1450	Postage 6.77 SEP 19 2011
	Total Postage and Fees Son John E. & Helen M. Kennan Family
7017	FefTrust, created January 13, 1994
2	SWARTHAMPTN: Kennan, Trustee
	cal 430280quel Ave.
	PS 15 0 2000 April 2012 F3N 7530-02-600-9047 See Reverse for Instructions

Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

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

> Beginning with the issue dated September 21, 2017 and ending with the issue dated September 21, 2017.

Publisher

Sworn and subscribed to before me this 21st day of September 2017.

Business Manager

My continues in the spires OFFICIAL SEAL GUSSIE BLACK Notary Public State of New Mexico
My Commission Expires 29-19

The second secon This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 37 and payment of fees for said

LEGAL NOTICE September 21, 2017

September 21, 2017

CASE No. 15848: Notice to all affected parties, as well as the heirs and devisees of AOG Mineral Partners, Ltd.; The Long Family Trusts, Larry P. Long Managing Trusts, Long Family Trusts, Larry P. Long Managing Trusts, Lower Family, Ltd.; Vore Lower Harriey Mineral Trust, created January 13, 1994; Marshall & Winston, Inc. Legacy Reserves LP; and COG Operating, LEC for a Non-Standard Oil Specing and Prorallon Unit and Compulsory Pooling, Lea County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on October 12, 2017, to consider this application. Applicant seeks an order from the Division. (1) creating a non-standard 150-acre, more unless, oil spacing and proration unit in the Bone, Spring formation, comprised of the Wiz Wiz of Section 7. Township 20 South, Range 35 East, NMPM. Lea County, New Mexico, and, (2) pooling all mineral interests in the Bone Spring formation underlying this proposed non-standard spacing and proration unit. This proposed spacing and proration unit will be the project area for the Lea 7 Federal. Com 14 well, to be flor/zortally drilled. The producing area for this well; will be orthodox, Also to be considered will be the cost of drilling and completing salo well, the allocation of these costs as well as the actual operating costs and changes for supervision, designation of Cimarex Energy Co. as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 12 miles southeast of the intersection of Hobbs Highway 180 and County Road 27 A/Marathon Road, located in Lea County, New Mexico.

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DOLORES SERNA MODRALL, SPERLING, ROEHL, HARRIS & P. O. BOX 2168 ALBUQUERQUE, NM 87103-2168