Exhibit A-12: Original Well Proposal with AFEs

For

Hearing Packet Part 1

Case Nos. 21393 & 21394



July 13, 2020

EOG Resources, Inc. 5509 Champions Dr. Midland, TX 79706

Attn: NM Land Department

RE: Anvil Development Area

T20S-R30E Sec. 28: E2W2 Sec. 33: E2W2

320 Gross Acres, more or less Eddy County, New Mexico

Dear Working Interest Owner:

Ascent Energy, LLC ("Ascent") hereby proposes the drilling, completing and equipping the following wells located in Sections 28 and 33 of T20S-R30E, Eddy County, New Mexico, (collectively known as the "Anvil Wells").

Well Name	Legal Description	<u>Formation</u>	TVD	<u>TMD</u>	<u>AFE</u>
	T20S-R03E Sec. 28: E2W2 Sec. 33: E2W2				
Anvil Fed Com #502H	SLH: 415' FNL, 325' FEL, in Sec. 4, T21S-R29E	2nd Bone Spring	8,758'	19,526'	\$7,293,775
#302H	BHL: 100' FNL, 1320' FWL, in Sec. 28, T20S-R30E	3611118			
	T20S-R03E Sec. 28: E2W2 Sec. 33: E2W2				
Anvil Fed Com #503H	SLH: 460' FNL, 265' FEL, in Sec. 4, T21S-R29E	2nd Bone Spring	8,658'	19,467'	\$7,293,775
#30311	BHL: 100' FNL, 2310' FWL, in Sec. 28, T20S-R30E	361.118			
	T20S-R03E Sec. 28: E2W2 Sec. 33: E2W2				
Anvil Fed Com #602H	SLH: 460' FNL, 295' FEL, in Sec. 4, T21S-R29E	3rd Bone Spring	9,877'	20,741'	\$7,355,275
1100211	BHL: 100' FNL, 2310' FWL, in Sec. 28, T20S-R30E	361.118			
	T20S-R03E Sec. 28: E2W2 Sec. 33: E2W2				
Anvil Fed Com #703H	SLH: 415' FNL, 295' FEL, in Sec. 4, T21S-R29E	Wolfcamp	10,102'	20,898'	\$7,853,446
0511	BHL: 100' FNL, 1650' FWL, in Sec. 28, T20S-R30E				

Ascent's records indicate that EOG Resources, Inc. ("EOG") owns a 3.49% working interest in the associated Anvil Wells. EOG's estimated collective costs associated with the Anvil Wells are approximately \$1,040,777.

Ascent reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. Ascent will advise you of any such modifications.

In addition, Ascent proposes the Operation under the terms of a modified 2015 Horizontal AAPL Form 610 Operating Agreement ("OA") with the following basic terms.

• Contract Area:

Township 20 South, Range 30 East

Section 28: E2W2 Section 33: E2W2

- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$8,000.00/\$800.00 drilling and producing overhead rates

Please indicate your election in the Operation and return a signed copy within thirty (30) days of receipt of this notice to Ascent. If EOG is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

Ascent looks forward to working with EOG on this matter and may file for compulsory pooling in the near future to pool any uncommitted working interest owners. If you have any questions or concerns, please do not hesitate to contact the undersigned at (720) 710-8923 or lzink@ascentenergy.us.

Very Truly Yours,

Lee Zink

Vice President of Land Ascent Energy, LLC 1125 17th Street, Suite 410 Denver, CO 80202

Enclosure(s): Anvil Fed Com #502H AFE

Anvil Fed Com #503H AFE Anvil Fed Com #602H AFE Anvil Fed Com #702H AFE

Well Election(s)

EOG hereby elects to participate in the proposed Anvil Fed Com #502H Operation by paying its proportionate share of the costs outlined on the associated AFE.
EOG hereby elects not to participate in the proposed Anvil Fed Com #502H Operation.
EOG hereby elects to participate in the proposed Anvil Fed Com #503H Operation by paying its proportionate share of the costs outlined on the associated AFE.
EOG hereby elects not to participate in the proposed Anvil Fed Com #503H Operation.
EOG hereby elects to participate in the proposed Anvil Fed Com #602H Operation by paying its proportionate share of the costs outlined on the associated AFE.
EOG hereby elects not to participate in the proposed Anvil Fed Com #602H Operation.
EOG hereby elects to participate in the proposed Anvil Fed Com #702H Operation by paying its proportionate share of the costs outlined on the associated AFE.
EOG hereby elects not to participate in the proposed Anvil Fed Com #702H Operation.
Working Interest Owner:
EOG Resources, Inc.
By:
Title:
Date:

COST CENTER	Anvil Fed Com #502H	BUD YEAR	2020	DATE	June 11, 2020	
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.		
FIELD	Rawhide REGION	Delaware	Basin	LEGAL:		
OPERATOR	Ascent Energy, LLC WELL NO.	#502		W.I.		
OBJECTIVE	2nd Bone Spring STATE	NM		MD/TVD	8750' TVD	
	OJECT START DATE: 1Q2021 Drill to 8750ft vertical, drill curve and 2 mile lateral. 4 string design. 60 stage sl	ickwater comp	letion.			
	INTANGIBLE DRILLING COSTS					
ACCT.	DESCRIPTION	Rate	Units	DRYHOLE		TOTAL WELL COST
8305 101 8305 102	Location Cleanup & Damages Rig Move - MIRU, RDMO			\$150,000 \$150,000		\$150,000 150,000
8305 103	Rig Contractor-Daywork/FT			\$465,000		465,000
8305 104	Rig Contractor-Turnkey			¢126 400		126 480
8305 105 8305 106	Power & Fuel Drill Fluids & Chemicals			\$126,480 \$75,000		126,480 75,000
8305 107	Bits, Reamer, Stabilizers			\$100,000		100,000
8305 108 8305 109	Cement & Cementing Services Mud Logging/Geosteering			\$115,000 \$37,000		115,000 37,000
8305 109	Open Hole Logging			\$37,000		37,000
8305 111	Csg Crews & Tools			\$90,000		90,000
8305 112 8305 114	Directional Tools & Service Form Eval - Well Testing DST - Coring, Sampling			\$309,225		309,225 0
8305 115	Tubular Inspection			\$50,000		50,000
8305 116	Equipment Rentals			\$200,000		200,000
8305 117 8305 118	Contract Labor & Services Wellsite Consultants			\$105,000 \$40,300		105,000 40,300
8305 119	Company Supervison & Labor			\$40,300		0
8305 120	Transportation			\$60,000		60,000
8305 121 8305 122	Mud,Cuttings & Water Disposal Insurance			\$110,000 \$34,368		110,000 34,368
8305 123	Overhead			\$25,000		25,000
8305 124	Water & Water Well			\$60,000		60,000
8305 125 8305 126	Unanticipated MjrExp (Fishing) Legal			\$50,000		<u>0</u> 50,000
8305 127	Outside Operated Other			Ψ30/000		0
8305 128	Permits			\$30,000		30,000
8305 129 8305 130	Environmental & Safety Plugging			\$20,000		20,000
0303 130	SUBTOTAL			\$2,402,373		\$2,402,373
8305 199	CONTINGENCY (%) 3.00%			72,071		72,071
	SUB-TOTAL INTANGIBLE DRILLING COSTS INTANGIBLE COMPLETION COSTS			\$2,474,444		\$2,474,444
	INTANGIBLE CONFESSION COSTS					
ACCT	DESCRIPTION	Rate	Units		COMPLETION	TOTAL WELL COST
ACCT.	DESCRIPTION Location & Cleanup	Rate	Units		COMPLETION \$10,000	TOTAL WELL COST \$10,000
8306 201 8306 202	Location & Cleanup Power & Fuel	Rate	Units		\$10,000 150,000	\$10,000 150,000
8306 201 8306 202 8306 203	Location & Cleanup Power & Fuel Compl Fluids & Chemicals	Rate	Units		\$10,000	\$10,000 150,000 50,000
8306 201 8306 202 8306 203 8306 204	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers	Rate	Units		\$10,000 150,000	\$10,000 150,000 50,000 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logqing & Perforation Svcs	Rate	Units		\$10,000 150,000	\$10,000 150,000 50,000 0 0 350,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer	Rate	Units		\$10,000 150,000 50,000	\$10,000 150,000 50,000 0 0 350,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logqing & Perforation Svcs	Rate	Units		\$10,000 150,000 50,000	\$10,000 150,000 50,000 0 0 350,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 209	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation	Rate	Units		\$10,000 150,000 50,000	\$10,000 150,000 50,000 0 0 350,000 0 1,425,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 210 8306 210	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Cog Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection	Rate	Units		\$10,000 150,000 50,000 350,000	\$10,000 150,000 50,000 0 350,000 0 0 1,425,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 209	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation	Rate	Units		\$10,000 150,000 50,000	\$10,000 150,000 50,000 0 0 350,000 0 1,425,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 206 8306 207 8306 208 8306 208 8306 209 8306 210 8306 210 8306 211 8306 212 8306 213 8306 214	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant	Rate	Units		\$10,000 150,000 50,000 350,000	\$10,000 150,000 50,000 0 0 350,000 0 0 1,425,000 0 250,000 0 67,500
8306 201 8306 202 8306 203 8306 204 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 214 8306 212 8306 213 8306 214 8306 212	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logating & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500	\$10,000 150,000 50,000 0 0 350,000 0 1,425,000 0 250,000 0 67,500
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 206 8306 207 8306 208 8306 208 8306 209 8306 210 8306 210 8306 211 8306 212 8306 213 8306 214	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000	\$10,000 150,000 50,000 0 0 350,000 0 0 1,425,000 0 250,000 0 67,500
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 205 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 213 8306 214 8306 215 8306 216 8306 217 8306 217 8306 217 8306 217 8306 217 8306 217 8306 217 8306 218	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logqing & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500	\$10,000 150,000 0 0 350,000 0 350,000 0 1,425,000 0 250,000 67,500 0 15,000 125,000
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 205 8306 206 8306 207 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 217 8306 217 8306 217 8306 217	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500 15,000 125,000	\$10,000 150,000 50,000 0 350,000 0 0 1,425,000 0 250,000 0 67,500 0 15,000 125,000
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8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 207 8306 208 8306 207 8306 209 8306 210 8306 211 8306 212 8306 213 8306 215 8306 215 8306 215 8306 216 8306 217 8306 218 8306 218 8306 220 8306 220	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Insupaction Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubina Services	Rate	Units		\$10,000 150,000 50,000 350,000 350,000 1,425,000 250,000 67,500 15,000 125,000 105,000	\$10,000 150,000 0 0 330,000 0 0 1,425,000 0 250,000 0 67,500 125,000 0 0 450,000 0 105,000
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 207 8306 208 8306 207 8306 209 8306 210 8306 211 8306 212 8306 213 8306 215 8306 215 8306 215 8306 216 8306 217 8306 218 8306 218 8306 220 8306 220	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajfExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500 15,000 125,000	\$10,000 150,000 50,000 0 350,000 0 0 1,425,000 0 250,000 0 67,500 15,000 125,000 0 450,000 0 105,000 35,000 35,000 35,000 35,000 35,000 35,000 35,000 35,000 35,000 35,000 35,000 35,000 35,000 35,000 35,000 35,000 35,000
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8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 207 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 215 8306 215 8306 215 8306 217 8306 218 8306 229 8306 220 8306 220 8306 221 8306 222 8306 223 8306 223 8306 224 8306 225 8306 225 8306 227 8306 228	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cenging & Cementing Sycs Loging & Cementing Sycs Compliance	Rate	Units		\$10,000 150,000 50,000 350,000 350,000 1,425,000 250,000 67,500 15,000 125,000 35,000 75,000 25,000 30,000 \$3,000 \$3,162,500	\$10,000 150,000 0 0 0 0 330,000 0 0 0 1,425,000 0 0 250,000 0 1,5,000 0 125,000 0 125,000 0 0 150,000
8306 201 8306 202 8306 202 8306 203 8306 205 8306 205 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 219 8306 221 8306 222 8306 220 8306 221 8306 220 8306 221 8306 222 8306 223 8306 224 8306 225 8306 225 8306 225 8306 227	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Legal & Permits Plugging Completion Rig	Rate	Units		\$10,000 150,000 50,000 350,000 350,000 1,425,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 30,000 \$3,162,500 94,875	\$10,000 150,000 0 0 0 350,000 0 0 1,425,000 0 0 250,000 0 15,000 0 15,000 0 15,000 0 25,000 0 0 25,000 0 0 35,000 0 0 35,000 0 35,000 0 25,000 0 0 25,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 207 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 221 8306 222 8306 223 8306 222 8306 222 8306 223 8306 225 8306 227 8306 228 8306 229 8306 229	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MaiExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig SUBTOTAL INTANGIBLE COMPLETION COSTS JUB-TOTAL INTANGIBLE CONSTS DESCRIPTION Dive Pipe Conductor Casing Surface Casing 13-3/8""	Rate \$ -	Units 0 0	DRYHOLE \$30,000 \$3,000	\$10,000 150,000 50,000 350,000 350,000 1,425,000 250,000 15,000 125,000 450,000 35,000 35,000 75,000 25,000 30,000 \$3,162,500 94,875 \$3,257,375	\$10,000 150,000 0 0 0 350,000 0 0 350,000 0 0 1,425,000 0 0 250,000 0 67,500 0 125,000 0 125,000 0 15,000 0 15,000 0 35,000 0 35,000 0 25,000 0 \$3,162,500 94,875 \$3,257,375 \$5,731,819
8306 201 8306 202 8306 203 8306 203 8306 204 8306 205 8306 205 8306 206 8306 207 8306 208 8306 209 8306 211 8306 211 8306 212 8306 213 8306 213 8306 214 8306 215 8306 218 8306 218 8306 222 8306 222 8306 222 8306 222 8306 224 8306 225 8306 228 8306 229	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Ceg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Istimulatin Acid Frac Formation Istimulatin Acid Frac Formation Istimulatin Repetition Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MaiExp Fishing Coil Tubing Services Misc Suping Services Illumaticipated MaiExp Fishing Coil Tubing Services Misc Suping Services Illumaticipated MaiExp Fishing Coil Tubing Services Misc Suping Services Illumaticipated MaiExp Fishing Coil Tubing Services Misc Suping Services Misc Suping Services Illumaticipated MaiExp Fishing Coil Tubing Services Misc Suping Services Misc Suping Services Illumaticipated MaiExp Fishing Coil Tubing Services Misc Suping Services Sub-Total Intransible Costs TANGIBLE DRILLING COSTS DESCRIPTION Drive Pipe Condutor Casing Surface Casing 9-5/8"	Rate \$ -	Units	DRYHOLE \$30,000 \$3,000 \$30,000	\$10,000 150,000 50,000 350,000 350,000 1,425,000 250,000 15,000 125,000 450,000 35,000 35,000 75,000 25,000 30,000 \$3,162,500 94,875 \$3,257,375	\$10,000 150,000 0 0 350,000 0 0 350,000 0 0 1,425,000 0 250,000 0 67,500 0 15,000 125,000 0 0 350,000 0 0 450,000 0 35,000 0 0 35,000 0 35,000 0 \$3,162,500 94,875 \$3,257,375 \$5,731,819
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 207 8306 208 8306 207 8306 209 8306 209 8306 211 8306 212 8306 212 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 228 8306 220 8308 300 8308 300	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logqing & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig Substotal Substotal Intancificate Costs Plugging Completion Rig Substotal Intancificate Costs Tangible Drilling Costs Tangible Drilling Costs Description Drive Costing Library Intermediate Casing 9-5/8"	Rate \$ - \$ - \$ - \$ - \$	Units 0 0 0 0	\$30,000 \$3,000 \$30,000 \$45,000 \$50,000	\$10,000 150,000 50,000 350,000 350,000 1,425,000 250,000 15,000 125,000 450,000 35,000 35,000 75,000 25,000 30,000 \$3,162,500 94,875 \$3,257,375	\$10,000 150,000 0 0 0 350,000 0 0 1,425,000 0 0 1,425,000 0 250,000 0 15,000 15,000 0 15,000 0 25,000 0 15,000
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8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 207 8306 208 8306 207 8306 209 8306 209 8306 211 8306 212 8306 212 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 228 8306 220 8308 300 8308 300	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logqing & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig Substotal Substotal Intancificate Costs Plugging Completion Rig Substotal Intancificate Costs Tangible Drilling Costs Tangible Drilling Costs Description Drive Costing Library Intermediate Casing 9-5/8"	Rate \$ - \$ - \$ - \$ - \$	Units 0 0 0 0	\$30,000 \$3,000 \$30,000 \$45,000 \$50,000	\$10,000 150,000 50,000 350,000 350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,162,500 94,875 \$3,257,375	\$10,000 150,000 0 0 0 350,000 0 0 1,425,000 0 0 1,425,000 0 250,000 0 15,000 15,000 0 15,000 0 25,000 0 15,000
8306 201 8306 202 8306 202 8306 203 8306 203 8306 204 8306 205 8306 205 8306 207 8306 207 8306 208 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 219 8306 219 8306 220 8308 300 220 8308 300 230 8308 301	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svs Formation Stimulatin Acid Frac Formation Establization Equipment Rentals Contract Labor & Services Wellsite Consultant Cransportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajfExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugaing Completion Rig Sub-Total Intancible Completion Costs Sub-Total Intancible Costs TANGBLE DRILLING COSTS Description Dividace Casing 9-5/8" Inter Medical Cost Casing Surface Casing 13-3/8" Inter mediamed Cell Inter Casing Sub-Sub-Silve Cost Casing Sub-Sub-File Completion Costs Under Cost Casing Surface Casing 13-3/8" Inter mediamed Cell Inter Casing Sub-Sub-File Control Casing Sub-Surface Equipment	Rate \$ - \$ - \$ - \$ - \$	Units 0 0 0 0	\$30,000 \$3,000 \$30,000 \$45,000 \$50,000	\$10,000 150,000 50,000 350,000 350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,162,500 94,875 \$3,257,375	\$10,000 150,000 0 0 0 350,000 0 0 0 350,000 0 0 1,425,000 0 0 250,000 0 15,000 125,000 0 15,000 0 105,000 0 250,000 0 335,000 0 25,000 0 105,000 35,000 0 105,000 35,000 105,000 35,000 0 0 105,000

	TANGIBLE COM	IPLETION COSTS							
ACCT.	DESCRIPTION			Rate	Units			COMPLETION	TOTAL WELL COST
8309 401	Production Casing 5-1/2"			\$ -	0			225,000	\$225,000
8309 402	Tubing			\$ -	0			50,000	50,000
8309 403	Subs Flt Eqpt Centralizers E	tc						120.000	120,000
8309 404 8309 405	Sub Surface Equipment Xmas Tree Upper Section							120,000 60,000	120,000 60,000
8309 406	Outside Operated Other							00/000	0
	SUB-TOTAL TANGIBLE COMPLETIO	N COSTS					¢310.000	\$455,000	\$455,000
	SUB-TOTAL TANGIBLE COSTS	N. F. COOTTO					\$218,000	\$455,000	\$673,000
	SUB-TOTAL INTANGIBLE & TANGIE	QUIPMENT COSTS					\$2,692,444	\$3,712,375	\$6,404,819
	- RODOCITOR E	QUIT HERT COSTS						COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment								\$0
8311 502 8311 503	Prime Mover Electric Gas								0
8311 503	Sales Gathering Line Separation Equipment							59,155	0
8311 505	Oil Treating Heating Equipm	nent						179,000	0
8311 506	Gas Treating Dehy Equipme	nt						56,927	0
8311 507 8311 508	Tanks Meters							113,190	0
8311 509	Electrical Equip Install							11,514 103,333	0
8311 510	Compressor							4,836	0
8311 511	Flowlines							48,000	0
8311 512 8311 513	Labor Trucks Hauling Transportation	on						188,000	0
8311 514	Buildings	011							0
8311 515	Roads & Locations								0
8311 516 8311 517	Manifolds & Headers Chemical Injection System							15,000	0
8311 518	Piping & Valves							96,667	0
8311 519	Welding								0
8311 520	Surface Pumps								0
8311 521 8311 522	Filters Outside Operated Other								0
8311 523	Environmental & Safety								0
8311 524	Engineering Supervision							13,333	0
8311 525	Surface Facilities								0
	SUB-TOTAL PRODUCTION EQUIPM	MENT						\$888,955	\$888,955
	SUB-TOTAL INTANGIBLE COSTS						\$2,474,444	\$3,257,375	\$5,731,819
	SUB-TOTAL TANGIBLE COSTS (P						\$218,000	\$455,000	\$673,000
	(,	GRAND TOTAL					\$2,692,444	\$4,601,330	\$7,293,775
		LESS OUTSIDE INT	TERESTS				\$2,692,444	\$4,601,330	\$7,293,775
		TOTAL NET COSTS					\$0	\$0	\$0
Notice to Nonope	erator: Costs shown on this form are	e estimates only. Nonoperators should not cons	sider thes	se estimates a	s establishing	any limit			
	will be required to perform the prop								
PREPARED BY		[DATE				GROSS AFE AMOUNT - DRY HOLE		\$2,692,444
							NET DRYHOLE AFE AMOUNT		\$0
APPROVED		[DATE				NET ASSET TRANSFERS		\$0
							CASH OUTLAY THIS AFE		\$0
APPROVED			DATE				PREVIOUS AFE'S ISSUED		\$0
							TOTAL CASH OUTLAY		\$0
APPROVED			DATE						
		EREST APPROVAL	-				1000015001		0.475
	COMPANY	WORKING INTEREST					APPROVED BY		DATE
—		1							
		<u> </u>							
			 						

	Anvil Fed Com #503H		2020	DATE	June 11, 2020	
AFE NO. FIELD	Rawhide REGION	CATEGORY Delaware		SUPPLEMENT NO. LEGAL:		
OPERATOR	Ascent Energy, LLC WELL NO.	#503	Dasiii	W.I.		
OBJECTIVE	2nd Bone Spring STATE	NM		MD/TVD	8750' TVD	
ESTIMATED PR	OJECT START DATE: 1Q2021			·		
DESCRIPTION:	Drill to 8750ft vertical, drill curve and 2 mile lateral. 4 string design. 60 stage	slickwater com	oletion.			
	INTANGIBLE DRILLING COSTS	<u> </u>	1			
ACCT. 8305 101	DESCRIPTION Location Cleanup & Damages	Rate	Units	DRYHOLE \$150,000		TOTAL WELL COST \$150,000
8305 102	Rig Move - MIRU, RDMO			\$150,000		150,000
8305 103	Rig Contractor-Daywork/FT			\$465,000		465,000
8305 104 8305 105	Rig Contractor-Turnkey Power & Fuel			\$126,480		0 126,480
8305 106	Drill Fluids & Chemicals			\$75,000		75,000
8305 107	Bits, Reamer, Stabilizers			\$100,000		100,000
8305 108 8305 109	Cement & Cementing Services Mud Logqing/Geosteering			\$115,000 \$37,000		115,000 37,000
8305 110	Open Hole Logging			\$0		0
8305 111	Csg Crews & Tools			\$90,000 \$309,225		90,000 309,225
8305 112 8305 114	Directional Tools & Service Form Eval - Well Testing DST - Coring, Sampling			\$309,225		309,223
8305 115	Tubular Inspection			\$50,000		50,000
8305 116 8305 117	Equipment Rentals Contract Labor & Services			\$200,000 \$105,000		200,000 105,000
8305 118	Wellsite Consultants			\$40,300		40,300
8305 119	Company Supervison & Labor			450.000		0
8305 120 8305 121	Transportation Mud,Cuttings & Water Disposal			\$60,000 \$110,000		60,000 110,000
8305 122	Insurance			\$34,368		34,368
8305 123	Overhead Websen Well			\$25,000		25,000
8305 124 8305 125	Water & Water Well Unanticipated MirExp (Fishing)			\$60,000		60,000
8305 126	Legal			\$50,000		50,000
8305 127	Outside Operated Other Permits			\$30,000		0 30,000
8305 128 8305 129	Environmental & Safety			\$20,000		20,000
8305 130	Plugging					0
8305 199	SUBTOTAL CONTINGENCY (%) 3.00%			\$2,402,373 72,071		\$2,402,373 72,071
8303 199	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,474,444		\$2,474,444
	INTANGIBLE COMPLETION COSTS			. , ,		. , ,
	INTARCIBLE COM LETTON COSTS					
ACCT.	DESCRIPTION	Rate	Units		COMPLETION	TOTAL WELL COST
8306 201	DESCRIPTION Location & Cleanup	Rate	Units		\$10,000	\$10,000
8306 201 8306 202	DESCRIPTION Location & Cleanup Power & Fuel	Rate	Units		\$10,000 150,000	\$10,000 150,000
8306 201	DESCRIPTION Location & Cleanup	Rate	Units		\$10,000	\$10,000
8306 201 8306 202 8306 203 8306 204 8306 205	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs	Rate	Units		\$10,000 150,000 50,000	\$10,000 150,000 50,000 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logding & Perforation Svcs	Rate	Units		\$10,000 150,000	\$10,000 150,000 50,000 0 0 350,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csa Crews & Tools-Drive Hammer Directional Tools & Svcs	Rate	Units		\$10,000 150,000 50,000	\$10,000 150,000 50,000 0 0 350,000 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 208	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac	Rate	Units		\$10,000 150,000 50,000	\$10,000 150,000 50,000 0 350,000 0 1,425,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 209	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation	Rate	Units		\$10,000 150,000 50,000	\$10,000 150,000 50,000 0 0 350,000 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 209 8306 211 8306 211	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals	Rate	Units		\$10,000 150,000 50,000	\$10,000 150,000 0 0 350,000 0 1,425,000 0 250,000
8306 201 8306 202 8306 203 8306 203 8306 205 8306 205 8306 207 8306 208 8306 209 8306 211 8306 211 8306 211 8306 212 8306 213	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logqing & Perforation Svcs Logqing & Perforation Svcs Csa Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000	\$10,000 150,000 0 0 350,000 0 1,425,000 0 250,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 209 8306 211 8306 211	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals	Rate	Units		\$10,000 150,000 50,000 350,000	\$10,000 150,000 0 0 350,000 0 0 1,425,000 0 250,000 67,500
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 207 8306 207 8306 211 8306 211 8306 213 8306 213 8306 214 8306 214 8306 214 8306 215	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs User Svcs & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500	\$10,000 150,000 0 0 350,000 0 0 1,425,000 0 250,000 67,500 0 15,000
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 209 8306 211 8306 212 8306 213 8306 214 8306 215 8306 215 8306 215	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500	\$10,000 150,000 0 0 350,000 0 0 1,425,000 0 250,000 0 67,500 0 15,000
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 207 8306 209 8306 211 8306 212 8306 213 8306 213 8306 214 8306 215 8306 216 8306 217 8306 217 8306 217 8306 218	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500 15,000	\$10,000 150,000 0 0 350,000 0 0 1,425,000 0 250,000 0 67,500 0 15,000 125,000
8306 201 8306 202 8306 202 8306 204 8306 205 8306 205 8306 206 8306 207 8306 207 8306 209 8306 210 8306 211 8306 212 8306 214 8306 215 8306 215 8306 217 8306 218 8306 218 8306 218	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Stimulatn Acid Frac Formation Fealuation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500	\$10,000 150,000 50,000 0 0 3350,000 0 1,425,000 250,000 67,500 15,000 125,000 0 450,000
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 219 8306 221 8306 221 8306 221 8306 221 8306 221 8306 221	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csa Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Tools & Svcs Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MaiExp Fishing	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500 15,000 450,000	\$10,000 150,000 0 0 350,000 0 0 1,425,000 0 250,000 0 67,500 0 15,000 125,000 0 450,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 207 8306 208 8306 210 8306 211 8306 212 8306 213 8306 213 8306 213 8306 215 8306 215 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 221 8306 222 8306 221	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logqing & Perforation Svcs Logqing & Perforation Svcs Csa Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500 15,000 450,000 105,000 35,000	\$10,000 150,000 0 0 350,000 0 1,425,000 0 250,000 67,500 15,000 125,000 0 0 0 0 15,000 10 0 10 10 10 10 10 10 10
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 206 8306 207 8306 208 8306 207 8306 211 8306 211 8306 212 8306 213 8306 214 8306 215 8306 215 8306 216 8306 217 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated Maje Fysiking Coil Tubing Services Misc Supplies & Materials Flowback Testing Flowback Testing	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500 15,000 450,000	\$10,000 150,000 0 0 350,000 0 0 1,425,000 0 250,000 0 67,500 0 15,000 0 450,000 0 0 105,000 350,000 0 0 0 0 0 0 0 0 0 0 0 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 207 8306 208 8306 210 8306 211 8306 212 8306 213 8306 213 8306 213 8306 215 8306 215 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 218 8306 221 8306 222 8306 221	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logqing & Perforation Svcs Logqing & Perforation Svcs Csa Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500 15,000 450,000 105,000 35,000	\$10,000 150,000 0 0 350,000 0 1,425,000 0 250,000 67,500 15,000 125,000 0 0 0 0 15,000 10 0 10 10 10 10 10 10 10
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 209 8306 211 8306 212 8306 213 8306 214 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 221 8306 221 8306 221 8306 221 8306 221 8306 221 8306 222 8306 223 8306 224 8306 225 8306 225 8306 225 8306 225 8306 225 <td>DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging</td> <td>Rate</td> <td>Units</td> <td></td> <td>\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500 15,000 450,000 105,000 35,000 75,000</td> <td>\$10,000 150,000 0 0 350,000 0 0 350,000 0 1,425,000 0 250,000 67,500 125,000 0 450,000 0 105,000 35,000 0 0 0 0 0 0 0 0 0 0 0 0</td>	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500 15,000 450,000 105,000 35,000 75,000	\$10,000 150,000 0 0 350,000 0 0 350,000 0 1,425,000 0 250,000 67,500 125,000 0 450,000 0 105,000 35,000 0 0 0 0 0 0 0 0 0 0 0 0
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 213 8306 211 8306 212 8306 214 8306 214 8306 215 8306 216 8306 217 8306 218 8306 219 8306 221 8306 221 8306 221 8306 221 8306 221 8306 221 8306 221 8306 222 8306 223 8306 224 8306 224 8306 224 8306 224 <td>DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csa Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Finvironmental & Safety Costs</td> <td>Rate</td> <td>Units</td> <td></td> <td>\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500 15,000 450,000 105,000 35,000 75,000</td> <td>\$10,000 150,000 0 0 350,000 0 0 350,000 0 1,425,000 0 67,500 0 15,000 125,000 0 450,000 0 105,000 0 0 250,000 0 17,000 0 18,000 0 19,000 0 10,000 0 10,000 0 0 10,00</td>	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csa Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Finvironmental & Safety Costs	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 67,500 15,000 450,000 105,000 35,000 75,000	\$10,000 150,000 0 0 350,000 0 0 350,000 0 1,425,000 0 67,500 0 15,000 125,000 0 450,000 0 105,000 0 0 250,000 0 17,000 0 18,000 0 19,000 0 10,000 0 10,000 0 0 10,00
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 209 8306 211 8306 212 8306 213 8306 214 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 221 8306 221 8306 221 8306 221 8306 221 8306 221 8306 222 8306 223 8306 224 8306 225 8306 225 8306 225 8306 225 8306 225 <td>DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging</td> <td>Rate</td> <td>Units</td> <td></td> <td>\$10,000 150,000 50,000 350,000 350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,162,500</td> <td>\$10,000 150,000 0 0 350,000 0 0 1,425,000 0 250,000 0 67,500 15,000 125,000 0 450,000 0 105,000 35,000 75,000 0 105,000 0 105,000 10</td>	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging	Rate	Units		\$10,000 150,000 50,000 350,000 350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,162,500	\$10,000 150,000 0 0 350,000 0 0 1,425,000 0 250,000 0 67,500 15,000 125,000 0 450,000 0 105,000 35,000 75,000 0 105,000 0 105,000 10
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 209 8306 211 8306 212 8306 213 8306 214 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 221 8306 221 8306 221 8306 221 8306 221 8306 221 8306 222 8306 223 8306 224 8306 225 8306 225 8306 225 8306 225 8306 225 <td>DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csa Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Tools & Svcs Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentalis Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MaiExp Fishing Coil Tubina Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugaing Completion Rig SUBTOTAL CONTINERCY (%) 3.00%</td> <td>Rate</td> <td>Units</td> <td></td> <td>\$10,000 150,000 50,000 350,000 1,425,000 250,000 15,000 125,000 450,000 35,000 75,000 25,000 30,000 30,000 \$3,162,500 94,875</td> <td>\$10,000 150,000 0 0 0 350,000 0 0 1,425,000 0 250,000 0 15,000 0 15,000 0 155,000 0 0 25,000 0 0 35,000 0 0 35,000 0 35,000 0 35,000 0 35,000 0 35,000 0 35,000 0 94,875</td>	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csa Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Tools & Svcs Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentalis Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MaiExp Fishing Coil Tubina Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugaing Completion Rig SUBTOTAL CONTINERCY (%) 3.00%	Rate	Units		\$10,000 150,000 50,000 350,000 1,425,000 250,000 15,000 125,000 450,000 35,000 75,000 25,000 30,000 30,000 \$3,162,500 94,875	\$10,000 150,000 0 0 0 350,000 0 0 1,425,000 0 250,000 0 15,000 0 15,000 0 155,000 0 0 25,000 0 0 35,000 0 0 35,000 0 35,000 0 35,000 0 35,000 0 35,000 0 35,000 0 94,875
8306 201 8306 202 8306 202 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 209 8306 211 8306 211 8306 212 8306 213 8306 215 8306 215 8306 215 8306 217 8306 218 8306 221 8306 222 8306 223 8306 223 8306 223 8306 224 8306 225 8306 225 8306 226 8306 227 8306 228	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Tools & Svcs Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MaiExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig SUBTOTAL INTANGIBLE COMPLETION COSTS	Rate	Units		\$10,000 150,000 \$50,000 350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,162,500 \$3,162,500 \$3,257,375	\$10,000 150,000 0 0 350,000 0 0 1,425,000 0 250,000 67,500 0 15,000 125,000 0 0 0 0 105,000 35,000 0 0 0 0 105,000 0 105,000 0 105,000 0 105,000
8306 201 8306 202 8306 202 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 209 8306 211 8306 211 8306 212 8306 213 8306 215 8306 215 8306 215 8306 217 8306 218 8306 221 8306 222 8306 223 8306 223 8306 223 8306 224 8306 225 8306 225 8306 226 8306 227 8306 228	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Tools & Svcs Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MaiExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugqing Completion Rig Sub-Total Intangible Completion Costs Sub-Total Intangible Costs	Rate	Units	\$2,474,444	\$10,000 150,000 50,000 350,000 1,425,000 250,000 15,000 125,000 450,000 35,000 75,000 25,000 30,000 30,000 \$3,162,500 94,875	\$10,000 150,000 0 0 0 350,000 0 0 1,425,000 0 250,000 0 15,000 0 15,000 0 155,000 0 0 25,000 0 0 35,000 0 0 35,000 0 35,000 0 35,000 0 35,000 0 35,000 0 35,000 0 94,875
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 207 8306 210 8306 211 8306 212 8306 213 8306 213 8306 214 8306 215 8306 218 8306 218 8306 218 8306 222 8306 223 8306 220 8306 223 8306 223 8306 225 8306 225 8306 225 8306 227 8306 228	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Logal Resting Logal Re				\$10,000 150,000 \$50,000 350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,162,500 \$3,162,500 \$3,257,375	\$10,000 150,000 0 0 0 350,000 0 0 1,425,000 0 0 250,000 0 67,500 125,000 0 450,000 0 105,000 0 35,000 0 35,000 0 0 35,000 0 0 35,000 0 0 35,000 0 0 35,000 0 0 5,000 0 0 0 5,000 0 0 0 5,000 0 0 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 206 8306 207 8306 207 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 215 8306 216 8306 217 8306 218 8306 218 8306 218 8306 218 8306 228 8306 228 8306 228 8306 228	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logqing & Perforation Svcs Csa Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowala K Testing Insurance Overhead Sater Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowala K Testing Legala K Testing Legala Confirmation Safety Costs Plugqing Completion Rig SUBTOTAL CONTINGENCY (%) SUB-TOTAL INTANGIBLE COMPLETION COSTS TANGIBLE DRILLING COSTS DESCRIPTION	Rate	Units	DRYHOLE	\$10,000 150,000 \$50,000 350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,162,500 \$3,162,500 \$3,257,375	\$10,000 150,000 0 0 0 350,000 0 0 1,425,000 0 250,000 67,500 15,000 125,000 0 0 450,000 0 250,000 0 35,000 0 450,000 0 35,000 9 35,000 9 35,000 9 35,000 9 35,000 9 35,000 9 35,000 9 35,000 9 35,000 9 55,000
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 207 8306 210 8306 211 8306 212 8306 213 8306 213 8306 214 8306 215 8306 218 8306 218 8306 218 8306 222 8306 223 8306 220 8306 223 8306 223 8306 225 8306 225 8306 225 8306 227 8306 228	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Logal Resting Logal Re				\$10,000 150,000 \$50,000 350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,162,500 \$3,162,500 \$3,257,375	\$10,000 150,000 0 0 0 350,000 0 0 1,425,000 0 0 250,000 0 67,500 125,000 0 450,000 0 105,000 0 35,000 0 35,000 0 0 35,000 0 0 35,000 0 0 35,000 0 0 35,000 0 0 5,000 0 0 0 5,000 0 0 0 5,000 0 0 0
8306 201 8306 202 8306 203 8306 203 8306 204 8306 205 8306 206 8306 207 8306 207 8306 207 8306 211 8306 211 8306 213 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 227 8306 228 8306 228 8306 229 8306 229	DESCRIPTION	Rate \$ - \$ - \$ -	Units 0 0 0 0	\$30,000 \$3,000 \$3,000	\$10,000 150,000 \$50,000 350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,162,500 \$3,162,500 \$3,257,375	\$10,000 150,000 0 0 0 350,000 0 0 1,425,000 0 250,000 0 15,000 155,000 0 155,000 0 25,000 0 35,000 0 35,000 35,000 35,000 35,000 55,000 0 105,000
8306 201 8306 202 8306 203 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 207 8306 211 8306 211 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 218 8306 218 8306 220	DESCRIPTION	Rate \$ - \$ -	Units	\$30,000 \$3,000 \$3,000 \$30,000 \$45,000	\$10,000 150,000 \$50,000 \$350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,162,500 \$3,162,500 \$3,257,375	\$10,000 150,000 0 0 350,000 0 0 350,000 0 0 1,425,000 0 250,000 0 15,000 15,000 0 450,000 0 25,000 0 0 35,000 0 105,000 0 35,000 0 0 \$3,162,500 0 0 \$3,257,375 \$5,731,819
8306 201 8306 202 8306 203 8306 203 8306 204 8306 205 8306 206 8306 207 8306 207 8306 207 8306 211 8306 211 8306 213 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 227 8306 228 8306 228 8306 229 8306 229	DESCRIPTION	Rate \$ - \$ - \$ -	Units 0 0 0 0	\$30,000 \$3,000 \$3,000	\$10,000 150,000 \$50,000 \$350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,162,500 \$3,162,500 \$3,257,375	\$10,000 150,000 0 350,000 0 350,000 0 0 1,425,000 0 250,000 0 67,500 15,000 0 450,000 0 350,000 0 \$3,162,500 94,875 \$3,257,375 \$5,731,819 TOTAL WELL COST \$30,000 30,000 45,000 50,000 66,000
8306 201 8306 202 8306 203 8306 203 8306 204 8306 205 8306 207 8306 208 8306 207 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 214 8306 215 8306 215 8306 216 8306 217 8306 218 8306 228 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 228 8306 228 8306 228 8306 228 8306 228 8306 228 8306 228 8306 228 8306 238 8306 299	DESCRIPTION	Rate \$ - \$ - \$ -	Units 0 0 0 0	\$30,000 \$3,000 \$30,000 \$45,000 \$50,000	\$10,000 150,000 \$50,000 \$350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,162,500 \$3,162,500 \$3,257,375	\$10,000 150,000 0 0 350,000 0 0 350,000 0 0 1,425,000 0 250,000 67,500 0 15,000 125,000 0 450,000 0 255,000 0 105,000 0 33,162,500 94,875 \$3,257,375 \$5,731,819
8306 201 8306 202 8306 203 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 211 8306 211 8306 212 8306 213 8306 215 8306 215 8306 215 8306 216 8306 218 8306 218 8306 228 8306 229 8306 220 8308 300	DESCRIPTION	Rate \$ - \$ - \$ -	Units 0 0 0 0	\$30,000 \$3,000 \$30,000 \$45,000 \$50,000	\$10,000 150,000 \$50,000 350,000 1,425,000 250,000 67,500 15,000 125,000 450,000 25,000 25,000 30,000 \$3,162,500 \$3,162,500 \$3,257,375 \$3,257,375	\$10,000 150,000 0 350,000 0 350,000 0 0 1,425,000 0 250,000 0 67,500 15,000 0 450,000 0 350,000 0 \$3,162,500 94,875 \$3,257,375 \$5,731,819 TOTAL WELL COST \$30,000 30,000 45,000 50,000 66,000

COST CENTER	Anvil Fed Com #602H	BUD YEAR	2020	DATE	June 11, 2020	
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.		
FIELD	Rawhide REGION	Delaware	Basin	LEGAL:		
OPERATOR	Ascent Energy, LLC WELL NO.	#602H		W.I.	00001 TVD	
OBJECTIVE ESTIMATED PR	3rd Bone Spring STATE OJECT START DATE: 1Q2021	NM		MD/TVD	9880' TVD	
	Drill to 9880ft vertical, drill curve and 2 mile lateral. 4 string design. 60 Stage s	ickwater comp	letion			
	INTANGIBLE DRILLING COSTS					
ACCT. 8305 101	DESCRIPTION Location Cleanup & Damages	Rate	Units	DRYHOLE \$150,000		TOTAL WELL COST \$150,000
8305 101	Rig Move - MIRU, RDMO			\$150,000		150,000
8305 103	Rig Contractor-Daywork/FT			\$465,000		465,000
8305 104 8305 105	Rig Contractor-Turnkey Power & Fuel			\$126,480		0 126,480
8305 106	Drill Fluids & Chemicals			\$75,000		75,000
8305 107	Bits, Reamer, Stabilizers			\$100,000		100,000
8305 108 8305 109	Cement & Cementing Services Mud Logging/Geosteering			\$120,000 \$37,000		120,000 37,000
8305 110	Open Hole Logging			\$0		0
8305 111	Csg Crews & Tools			\$90,000		90,000
8305 112 8305 114	Directional Tools & Service Form Eval - Well Testing DST - Coring, Sampling			\$309,225		309,225 0
8305 115	Tubular Inspection			\$50,000		50,000
8305 116	Equipment Rentals			\$200,000		200,000
8305 117 8305 118	Contract Labor & Services Wellsite Consultants			\$105,000 \$40,300		105,000 40,300
8305 119	Company Supervison & Labor			φ 10/300		0
8305 120	Transportation			\$60,000		60,000
8305 121 8305 122	Mud,Cuttings & Water Disposal Insurance			\$110,000 \$34,368		110,000 34,368
8305 123	Overhead			\$25,000		25,000
8305 124	Water & Water Well			\$60,000		60,000
8305 125 8305 126	Unanticipated MjrExp (Fishing) Legal			\$50,000		<u>0</u> 50,000
8305 127	Outside Operated Other			Ψ30/000		0
8305 128	Permits Cofety			\$30,000		30,000
8305 129 8305 130	Environmental & Safety Plugging			\$20,000		20,000
0303 130	SUBTOTAL			\$2,407,373		\$2,407,373
8305 199	CONTINGENCY (%) 3.00%			72,221		72,221
	SUB-TOTAL INTANGIBLE DRILLING COSTS INTANGIBLE COMPLETION COSTS			\$2,479,594		\$2,479,594
	INTANGIBLE COMPLETION COSTS					
ACCT	DECCRIPTION	D-4-	11-24-		COMPLETION	TOTAL WELL COST
ACCT.	DESCRIPTION	Rate	Units		COMPLETION	TOTAL WELL COST
8306 201	DESCRIPTION Location & Cleanup Power & Fuel	Rate	Units		\$10,000 160,000	\$10,000 160,000
8306 201 8306 202 8306 203	Location & Cleanup Power & Fuel Compl Fluids & Chemicals	Rate	Units		\$10,000	\$10,000 160,000 50,000
8306 201 8306 202 8306 203 8306 204	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers	Rate	Units		\$10,000 160,000	\$10,000 160,000 50,000 0
8306 201 8306 202 8306 203	Location & Cleanup Power & Fuel Compl Fluids & Chemicals	Rate	Units		\$10,000 160,000	\$10,000 160,000 50,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer	Rate	Units		\$10,000 160,000 50,000	\$10,000 160,000 50,000 0 0 350,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs	Rate	Units		\$10,000 160,000 50,000	\$10,000 160,000 50,000 0 0 350,000 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation	Rate	Units		\$10,000 160,000 50,000	\$10,000 160,000 50,000 0 0 350,000 0 1,450,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 210 8306 210	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Cog Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection	Rate	Units		\$10,000 160,000 50,000 350,000	\$10,000 160,000 50,000 0 0 350,000 0 0 1,450,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 211 8306 211	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cengating & Cementing Svcs Cengating & Cementing Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tombular Inspection Equipment Rentals	Rate	Units		\$10,000 160,000 50,000	\$10,000 160,000 50,000 0 0 3350,000 0 0 1,450,000 0 0 250,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 210 8306 210	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Studiet Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant	Rate	Units		\$10,000 160,000 50,000 350,000	\$10,000 160,000 50,000 0 0 350,000 0 0 1,450,000
8306 201 8306 202 8306 203 8306 204 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 214 8306 212 8306 213 8306 214 8306 212	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cenegling & Cemeration Svcs Cenegling & Cemeration Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor				\$10,000 160,000 50,000 350,000 1,450,000 250,000 67,500	\$10,000 160,000 50,000 0 0 350,000 0 1,450,000 0 250,000 0 0 7,7500
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 212 8306 213 8306 214 8306 215 8306 215	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation				\$10,000 160,000 50,000 350,000 1,450,000 250,000 67,500	\$10,000 160,000 50,000 0 0 350,000 0 0 1,450,000 0 250,000 67,500 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 205 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 213 8306 214 8306 215 8306 216 8306 217 8306 217 8306 217 8306 217 8306 217 8306 217 8306 217 8306 218	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cemeta & Cementina Svcs Longating & Cementina Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Stimulatn Acid Frac Formation Stevaluation Tubular Inspections Equipment Rentials Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance				\$10,000 160,000 50,000 350,000 1,450,000 250,000 67,500	\$10,000 160,000 50,000 0 350,000 0 0 1,450,000 0 250,000 67,500 0 15,000
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 205 8306 206 8306 207 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 217 8306 217 8306 217 8306 217	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead				\$10,000 160,000 50,000 350,000 1,450,000 250,000 67,500 15,000	\$10,000 160,000 50,000 0 0 350,000 0 0 1,450,000 0 250,000 0 67,500 0 15,000 125,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 205 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 213 8306 214 8306 215 8306 216 8306 217 8306 217 8306 217 8306 217 8306 217 8306 217 8306 217 8306 218	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cemeta & Cementina Svcs Longating & Cementina Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Stimulatn Acid Frac Formation Stevaluation Tubular Inspections Equipment Rentials Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance				\$10,000 160,000 50,000 350,000 1,450,000 250,000 67,500	\$10,000 160,000 50,000 0 350,000 0 0 1,450,000 0 250,000 67,500 0 15,000
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 207 8306 208 8306 207 8306 209 8306 210 8306 211 8306 212 8306 213 8306 215 8306 215 8306 215 8306 216 8306 217 8306 218 8306 218 8306 218 8306 220 8306 220	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Longing & Cementing Svcs Cag Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Evaluation Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services				\$10,000 160,000 50,000 350,000 1,450,000 250,000 67,500 15,000 125,000	\$10,000 160,000 50,000 0 0 3350,000 0 0 0 1,450,000 0 250,000 0 67,500 15,000 0 0 450,000 0 0
8306 201 8306 202 8306 203 8306 204 8306 204 8306 205 8306 207 8306 208 8306 209 8306 210 8306 212 8306 213 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 219 8306 221 8306 221 8306 221 8306 221 8306 221 8306 223	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Logaing & Perfortion Sycs Logaing & Perfortion Sycs Csq Crews & Tools-Drive Hammer Directional Tools & Sycs Formation Stimulatn Acid Frac Formation Stimulatn Acid Frac Formation Stepation Tequipment Rentals Contract Labor & Services Wellsite Consultant Contract Labor & Services Wellsite Consultant Compacting Consultant Compacting Consultant Compacting Consultant Under Consultant				\$10,000 160,000 50,000 350,000 1,450,000 250,000 67,500 15,000 450,000 115,000 35,000	\$10,000 160,000 50,000 0 0 350,000 0 0 1,450,000 0 250,000 67,500 0 15,000 125,000 0 0 0 0 15,000 0 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 0 15,000 0 0 0 0 0 0 0 0 0 0 0 0
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 207 8306 208 8306 207 8306 209 8306 210 8306 211 8306 212 8306 213 8306 215 8306 215 8306 215 8306 216 8306 217 8306 218 8306 218 8306 220 8306 220	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Logning & Cementing Sycs Logning & Cementing Sycs Logning & Cementing Sycs Csq Crews & Tools-Drive Hammer Directional Tools & Sycs Formation Stimulatn Acid Frac Formation Evaluation Equipment Evaluation Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water Well Under Water Well Undonlituding Services Misc Supplies & Materials Flowback Testing Legal & Permits				\$10,000 160,000 50,000 350,000 1,450,000 250,000 67,500 15,000 125,000 450,000 115,000 35,000 75,000	\$10,000 160,000 50,000 0 0 330,000 0 0 1,450,000 0 250,000 0 15,000 125,000 450,000 0 0 115,000 0 35,000
8306 201 8306 202 8306 202 8306 204 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 219 8306 221 8306 221 8306 222 8306 223 8306 224 8306 224 8306 224 8306 224 8306 224 8306 224 8306 224	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tools & Materials Flowback Testing Legal & Permits Flowings & Materials Flowback Testing Legal & Permits Environmental & Safety Costs				\$10,000 160,000 50,000 350,000 1,450,000 250,000 67,500 15,000 450,000 115,000 35,000	\$10,000 160,000 0 0 350,000 0 0 0 1,450,000 0 250,000 0 15,000 125,000 0 450,000 0 115,000 0 250,000 0 0 15,000 0 0 15,000 0 0 15,000 0 0 17,000 0 0 0 0 0 0 0 0 0 0 0 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 220 8306 221 8306 220 8306 221 8306 221 8306 222 8306 223 8306 224 8306 225 8306 225 8306 225 8306 227	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Longing & Cementing Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Evaluation Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs				\$10,000 160,000 50,000 350,000 1,450,000 250,000 67,500 15,000 125,000 450,000 115,000 35,000 75,000	\$10,000 160,000 50,000 0 3350,000 0 0 1,450,000 0 250,000 0 15,000 0 450,000 0 115,000 35,000 75,000 0 0
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 219 8306 221 8306 221 8306 222 8306 223 8306 224 8306 224 8306 224 8306 224 8306 224 8306 224 8306 224	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Uatenticated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legals & Permits Legals & Possible Safety Costs Plugging Completion Rig	\$ -	0		\$10,000 160,000 50,000 350,000 1,450,000 250,000 67,500 15,000 125,000 450,000 35,000 25,000	\$10,000 160,000 50,000 0 350,000 0 0 1,450,000 0 250,000 67,500 0 15,000 0 450,000 0 115,000 0 0 0 0 0 0 0 0 0 0 0 0
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 207 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 215 8306 215 8306 215 8306 217 8306 218 8306 229 8306 220 8306 220 8306 221 8306 222 8306 223 8306 223 8306 224 8306 225 8306 225 8306 227 8306 228	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Logning & Performance Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated Maries Misc Supplies & Materials Flowback Testing Legal & Permits Legal & Permits Legal & Permits Polyportal Completion Rig Subtotal	\$ -	0		\$10,000 160,000 50,000 350,000 350,000 1,450,000 250,000 15,000 125,000 450,000 35,000 75,000 25,000 30,000 \$3,207,500	\$10,000 160,000 50,000 0 0 3350,000 0 0 0 1,450,000 0 250,000 0 67,500 125,000 0 450,000 0 135,000 75,000 0 0 15,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 220 8306 221 8306 220 8306 221 8306 221 8306 222 8306 223 8306 224 8306 225 8306 225 8306 225 8306 227	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Cementing Svcs Logging & Cementing Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Evaluation Timular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Logging Loggi	\$ -	0		\$10,000 160,000 50,000 350,000 1,450,000 250,000 15,000 15,000 450,000 35,000 75,000 25,000 30,000 \$3,207,500 96,225	\$10,000 160,000 0 0 0 350,000 0 0 1,450,000 0 250,000 0 67,500 0 15,000 125,000 0 0 155,000 0 250,000 0 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 0 150,000 0 0 150,000 0 0 150,000 0 0 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 0 0 0 0 0 0 0 0 0 0
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8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 207 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 215 8306 215 8306 217 8306 218 8306 219 8306 220 8306 22 8306 22 8306 22 8306 22 8306 22 8306 22 8306 22 8306 22 8306 22 8306 22 8306 22 8306 22 8306 22	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Cementing Svcs Logging & Cementing Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Evaluation Timular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Logging Loggi	\$ -	0	\$2,479,594	\$10,000 160,000 50,000 350,000 1,450,000 250,000 15,000 15,000 450,000 35,000 75,000 25,000 30,000 \$3,207,500 96,225	\$10,000 160,000 0 0 0 350,000 0 0 1,450,000 0 250,000 0 67,500 0 15,000 125,000 0 0 155,000 0 250,000 0 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 0 150,000 0 0 150,000 0 0 150,000 0 0 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 150,000 0 0 0 0 0 0 0 0 0 0 0 0
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8306 201 8306 202 8306 203 8306 203 8306 204 8306 205 8306 205 8306 207 8306 207 8306 208 8306 207 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 227 8306 228 8306 228 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cengal & Performance Cenger & Cenger	\$ - S - S - S - S - S - S - S - S - S -	0 0 0 0 0 0 0	DRYHOLE \$30,000 \$3,000 \$30,000	\$10,000 160,000 50,000 350,000 350,000 1,450,000 250,000 15,000 125,000 450,000 315,000 75,000 25,000 30,000 \$3,207,500 96,225 \$3,303,725	\$10,000 160,000 0 0 0 0 350,000 0 0 1,450,000 0 0 250,000 0 15,000 0 15,000 0 155,000 0 0 250,000 0 0 155,000 0 0 155,000 0 0 155,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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8306 201 8306 202 8306 203 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 207 8306 209 8306 2101 8306 211 8306 212 8306 213 8306 214 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 229 8306 220 8308 3306 220	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Longing & Cementing Svcs Cement & Cementing Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Evaluation Equipment Rentals Contract Labor & Services Wellsite Consultant Company Superion Mud Cuttings & Water Disposal Insurance Overhead Unanticipated Wellsy Uranticipated Wellsy Uranticipated Wellsy Flowback Testing Legal & Permits Environmental & Safety Costs Plugaing Completion Rig SubTotal SubTotal SubTotal Intancible Completion Costs Sub-Total Intancible Costs TANGIBLE DRILLING COSTS Description Drive Pipe Conductor Casing Surface Casing 13-3/8" Inter Interdace Testing Interdace Interd	\$ - S - S - S - S - S - S - S - S - S -	0 0 0 0 0 0 0	\$30,000 \$3,000 \$30,000 \$45,000 \$50,000	\$10,000 160,000 50,000 350,000 350,000 1,450,000 250,000 15,000 125,000 450,000 315,000 75,000 25,000 30,000 \$3,207,500 96,225 \$3,303,725	\$10,000 160,000 0 0 0 350,000 0 0 0 1,450,000 0 0 250,000 0 0 67,500 0 125,000 0 135,000 0 0 145,000 0 35,000 0 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 0 15,000 0 0 15,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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	TANCIDIE COM	PLETION COSTS							
		PLETION COSTS						COMPLETION .	TOTAL WELL COST
ACCT.	DESCRIPTION			Rate	Units			COMPLETION	TOTAL WELL COST
8309 401	Production Casing 5-1/2"			\$ - \$ -	0			235,000	\$235,000 50,000
8309 402 8309 403	Tubing Subs Flt Eqpt Centralizers Et			\$ -	U			50,000	30,000
8309 404	Sub Surface Equipment	.c						120,000	120,000
8309 405	Xmas Tree Upper Section							60,000	60,000
8309 406	Outside Operated Other								0
	SUB-TOTAL TANGIBLE COMPLETION	LCOCTC			<u> </u>			\$465,000	\$465,000
	SUB-TOTAL TANGIBLE COMPLETION	COSIS					\$218,000	\$465,000 \$465,000	\$683,000
	SUB-TOTAL INTANGIBLE & TANGIB	IE COSTS					\$2,697,594	\$3,768,725	\$6,466,319
		QUIPMENT COSTS					\$2,097,394	\$3,708,723	\$0,400,319
	PRODUCTION LO	QUIFMENT COSTS						COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment							COMPLETION	\$0
8311 502	Prime Mover Electric Gas								0
8311 503	Sales Gathering Line								0
8311 504	Separation Equipment							59,155	0
8311 505 8311 506	Oil Treating Heating Equipmer Gas Treating Dehy Equipmer	ent						179,000 56,927	0
8311 507	Tanks	it						113,190	0
8311 508	Meters							11,514	0
	Electrical Equip Install							103,333	0
8311 510	Compressor							4,836	0
8311 511 8311 512	Flowlines Labor							48,000 188,000	0
8311 513	Trucks Hauling Transportation	on						100,000	0
8311 514	Buildings								0
8311 515	Roads & Locations								0
8311 516	Manifolds & Headers							15,000	0
8311 517 8311 518	Chemical Injection System Piping & Valves							96,667	0
8311 519	Welding							30,007	0
8311 520	Surface Pumps								0
8311 521	Filters								0
8311 522 8311 523	Outside Operated Other								0
8311 523 8311 524	Environmental & Safety Engineering Supervision							13,333	0
8311 525	Surface Facilities							13,333	0
	SUB-TOTAL PRODUCTION EQUIPM	IENT						\$888,955	\$888,955
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)					\$2,479,594	\$3,303,725	\$5,783,319
	SUB-TOTAL TANGIBLE COSTS (PA	AGE 2)					\$218,000	\$465,000	\$683,000
		GRAND TOTAL					\$2,697,594	\$4,657,680	\$7,355,275
		LESS OUTSIDE IN	NTERESTS				\$2,697,594	\$4,657,680	\$7,355,275
		TOTAL NET COST	S				\$0	\$0	\$0
								, -	
Notice to Nonone	rator. Costs shown on this form are	estimates only. Nonoperators should not cor	ncider thes	e estimates :	e octablichin	any limit	l.		
			iisidei tiles	e esumates o	is establishing	g arry minic			
on monies which	will be required to perform the prop	osed operation.							
			DATE			l i			42 507 504
PREPARED BY			Ditte				GROSS AFE AMOUNT - DRY HOLE		\$2,697,594
			DATE				NET DRYHOLE AFE AMOUNT		\$0
APPROVED			DATE				NET ASSET TRANSFERS		\$0
							CASH OUTLAY THIS AFE		\$0
APPROVED			DATE				PREVIOUS AFE'S ISSUED		\$0
							TOTAL CASH OUTLAY		\$0
APPROVED			DATE						
	WORKING INTE	REST APPROVAL							
	COMPANY	WORKING INTEREST					APPROVED BY		DATE
			- 1						
1									

	TANGIBLE COM	IPLETION COSTS							
ACCT.	DESCRIPTION			Rate	Units			COMPLETION	TOTAL WELL COST
8309 401	Production Casing 5-1/2"			\$ -	0			225,000	\$225,000
8309 402	Tubing			\$ -	0			50,000	50,000
8309 403	Subs Flt Eqpt Centralizers E	tc						120.000	120,000
8309 404 8309 405	Sub Surface Equipment Xmas Tree Upper Section							120,000 60,000	120,000 60,000
8309 406	Outside Operated Other							00/000	0
	SUB-TOTAL TANGIBLE COMPLETIO	N COSTS					¢310.000	\$455,000	\$455,000
	SUB-TOTAL TANGIBLE COSTS	N. F. COOTTO					\$218,000	\$455,000	\$673,000
	SUB-TOTAL INTANGIBLE & TANGIE	QUIPMENT COSTS					\$2,692,444	\$3,712,375	\$6,404,819
	- RODOCITOR E	QUIT HERT COSTS						COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment								\$0
8311 502 8311 503	Prime Mover Electric Gas								0
8311 503	Sales Gathering Line Separation Equipment							59,155	0
8311 505	Oil Treating Heating Equipm	nent						179,000	0
8311 506	Gas Treating Dehy Equipme	nt						56,927	0
8311 507 8311 508	Tanks Meters							113,190	0
8311 509	Electrical Equip Install							11,514 103,333	0
8311 510	Compressor							4,836	0
8311 511	Flowlines							48,000	0
8311 512 8311 513	Labor Trucks Hauling Transportation	on						188,000	0
8311 514	Buildings	011							0
8311 515	Roads & Locations								0
8311 516 8311 517	Manifolds & Headers Chemical Injection System							15,000	0
8311 518	Piping & Valves							96,667	0
8311 519	Welding								0
8311 520	Surface Pumps								0
8311 521 8311 522	Filters Outside Operated Other								0
8311 523	Environmental & Safety								0
8311 524	Engineering Supervision							13,333	0
8311 525	Surface Facilities								0
	SUB-TOTAL PRODUCTION EQUIPM	MENT						\$888,955	\$888,955
	SUB-TOTAL INTANGIBLE COSTS						\$2,474,444	\$3,257,375	\$5,731,819
	SUB-TOTAL TANGIBLE COSTS (P						\$218,000	\$455,000	\$673,000
	(,	GRAND TOTAL					\$2,692,444	\$4,601,330	\$7,293,775
		LESS OUTSIDE INT	TERESTS				\$2,692,444	\$4,601,330	\$7,293,775
		TOTAL NET COSTS					\$0	\$0	\$0
Notice to Nonope	erator: Costs shown on this form are	e estimates only. Nonoperators should not cons	sider thes	se estimates a	s establishing	any limit			
	will be required to perform the prop								
PREPARED BY		[DATE				GROSS AFE AMOUNT - DRY HOLE		\$2,692,444
							NET DRYHOLE AFE AMOUNT		\$0
APPROVED		[DATE				NET ASSET TRANSFERS		\$0
							CASH OUTLAY THIS AFE		\$0
APPROVED			DATE				PREVIOUS AFE'S ISSUED		\$0
							TOTAL CASH OUTLAY		\$0
APPROVED			DATE						
		EREST APPROVAL	-				1000015001		0.475
	COMPANY	WORKING INTEREST					APPROVED BY		DATE
—		1							
		<u> </u>							
			 						

COST CENTER	Anvil Fed Com #703H	BUD YEAR	2020	DATE	June 11, 2020	
AFE NO.		CATEGORY		SUPPLEMENT NO.		
FIELD	Rawhide REGION	Delaware	Basin	LEGAL:		
OPERATOR	Ascent Energy, LLC WELL NO.	#703H		W.I.		
OBJECTIVE	Wolfcamp X STATE	NM		MD/TVD	10,100' TVD	
	OJECT START DATE: 1Q2021 Drill to 10,100ft vertical, drill curve, OH log, and drill 2 mile lateral. 5 string des	ign.60 stage s	slickwater co	empletion.		
	3,	3				
	INTANGIBLE DRILLING COSTS					
ACCT.	DESCRIPTION	Rate	Units	DRYHOLE		TOTAL WELL COST
8305 101 8305 102	Location Cleanup & Damages Rig Move - MIRU, RDMO			\$150,000 \$150,000		\$150,000 150,000
8305 102	Rig Contractor-Daywork/FT			\$150,000		495,000
8305 104	Rig Contractor-Turnkey					0
8305 105 8305 106	Power & Fuel Drill Fluids & Chemicals	-	-	\$134,640 \$75,000		134,640 75,000
8305 107				\$115,000		115,000
8305 108	Cement & Cementing Services			\$150,000		150,000
8305 109 8305 110	Mud Logqing/Geosteering Open Hole Logging	-	-	\$50,000 \$65,000		50,000 65,000
8305 111	Csg Crews & Tools			\$90,000		90,000
8305 112	Directional Tools & Service			\$329,175		329,175
8305 114	Form Eval - Well Testing DST - Coring, Sampling			¢F0.000		<u>0</u>
8305 115 8305 116	Tubular Inspection Equipment Rentals			\$50,000 \$200,000		50,000 200,000
8305 117	Contract Labor & Services			\$105,000		105,000
8305 118	Wellsite Consultants			\$42,900		42,900
8305 119 8305 120	Company Supervison & Labor Transportation	1	 	\$60,000		60,000
8305 121	Mud, Cuttings & Water Disposal			\$125,000		125,000
8305 122	Insurance			\$34,368		34,368
8305 123 8305 124	Overhead Water & Water Well			\$25,000 \$60,000		25,000 60,000
8305 125	Unanticipated MjrExp (Fishing)			\$00,000		00,000
8305 126	Legal			\$50,000		50,000
8305 127 8305 128	Outside Operated Other Permits			\$30,000		30,000
8305 129	Environmental & Safety			\$20,000		20,000
8305 130	Plugging					0
0205 400	SUBTOTAL			\$2,606,083		\$2,606,083
8305 199	CONTINGENCY (%) 3.00% SUB-TOTAL INTANGIBLE DRILLING COSTS			78,182 \$2,684,265		78,182 \$2,684,265
	INTANGIBLE COMPLETION COSTS			\$2,004,203		\$2,004,203
ACCT.	DESCRIPTION	Rate	Units		COMPLETION	TOTAL WELL COST
ACCT. 8306 201		Rate	Units		COMPLETION \$10,000	TOTAL WELL COST \$10,000
8306 201 8306 202	DESCRIPTION Location & Cleanup Power & Fuel	Rate	Units		\$10,000 160,000	\$10,000 160,000
8306 201 8306 202 8306 203	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals	Rate	Units		\$10,000	\$10,000 160,000 50,000
8306 201 8306 202 8306 203 8306 204	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers	Rate	Units		\$10,000 160,000	\$10,000 160,000 50,000 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs	Rate	Units		\$10,000 160,000	\$10,000 160,000 50,000 0 0 350,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer	Rate	Units		\$10,000 160,000 50,000	\$10,000 160,000 50,000 0 0 350,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs	Rate	Units		\$10,000 160,000 50,000	\$10,000 160,000 50,000 0 0 350,000 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 209	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation	Rate	Units		\$10,000 160,000 50,000	\$10,000 160,000 50,000 0 0 350,000 0 1,500,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 209 8306 210 8306 211	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Fuel Matter State Fuel Matter	Rate	Units		\$10,000 160,000 50,000 350,000	\$10,000 160,000 50,000 0 350,000 0 0 1,500,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 210 8306 211 8306 211	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals	Rate	Units		\$10,000 160,000 50,000	\$10,000 160,000 50,000 0 350,000 0 1,500,000 0 0 250,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 209 8306 210 8306 211	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Fuel Matter State Fuel Matter	Rate	Units		\$10,000 160,000 50,000 350,000	\$10,000 160,000 50,000 0 0 350,000 0 0 1,500,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 208 8306 210 8306 211 8306 212 8306 212 8306 213 8306 214 8306 214 8306 212 8306 212 8306 212 8306 212	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logqing & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor				\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500	\$10,000 160,000 0 0 350,000 0 1,500,000 0 250,000 0 0 250,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 206 8306 207 8306 208 8306 209 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 215 8306 215	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation				\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500	\$10,000 160,000 50,000 0 350,000 0 0 1,500,000 0 250,000 67,500 0
8306 201 8306 202 8306 203 8306 204 8306 204 8306 205 8306 205 8306 207 8306 208 8306 208 8306 210 8306 211 8306 212 8306 213 8306 214 8306 214 8306 212 8306 212 8306 212 8306 212	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementina Svcs Logqing & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor				\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500	\$10,000 160,000 0 0 350,000 0 0 1,500,000 0 250,000 67,500 0 15,000
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 205 8306 207 8306 208 8306 207 8306 211 8306 212 8306 213 8306 214 8306 214 8306 215 8306 217 8306 217 8306 217 8306 217	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logding & Perforation Svcs Logding & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead				\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500 15,000	\$10,000 160,000 50,000 0 350,000 0 0 1,500,000 0 250,000 0 67,500 0 15,000 125,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 215 8306 217 8306 218 8306 218 8306 218 8306 218 8306 220	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well				\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500	\$10,000 160,000 50,000 0 0 3350,000 0 1,500,000 0 250,000 0 67,500 0 125,000 0 450,000
8306 201 8306 202 8306 202 8306 203 8306 203 8306 204 8306 205 8306 206 8306 206 8306 207 8306 208 8306 209 8306 210 8306 212 8306 213 8306 214 8306 214 8306 215 8306 215 8306 218 8306 218 8306 219 8306 218	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logding & Perforation Svcs Logding & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead				\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500 15,000	\$10,000 160,000 0 0 350,000 0 0 1,500,000 0 250,000 0 67,500 0 15,000 0 15,000 0 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 209 8306 212 8306 212 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 219 8306 221 8306 221 8306 221 8306 221 8306 221 8306 223	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csa Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MaiExp Fishing Coil Tubing Services				\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500 15,000 450,000 115,000 35,000	\$10,000 160,000 0 0 350,000 0 0 1,500,000 0 250,000 67,500 0 15,000 125,000 0 0 155,000 0 155,000
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 206 8306 207 8306 208 8306 207 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 217 8306 218 8306 219 8306 212 8306 212 8306 213 8306 214 8306 215 8306 215 8306 217 8306 218 8306 218 8306 218 8306 218 8306 218	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated Maje Kp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Flowback Testing Misc Supplies & Materials Flowback Testing Misc Supplies & Materials Flowback Testing				\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500 15,000 125,000	\$10,000 160,000 50,000 0 350,000 0 0 1,500,000 0 250,000 0 67,500 15,000 125,000 0 450,000 0 450,000 0 350,000 0 15,000 15,000 15,000 15,000 0 15,000 0 15,000 0 0 15,000 0 15,000 0 15,000 0 0 15,000 0 0 15,000 0 0 0 0 0 0 0 0 0 0 0 0
8306 201 8306 202 8306 202 8306 202 8306 204 8306 205 8306 205 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 215 8306 215 8306 215 8306 217 8306 218 8306 219 8306 220 8306 220 8306 221 8306 222 8306 223 8306 223 8306 223 8306 223 8306 223 8306 223 8306 223	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logqing & Perforation Svcs Logqing & Perforation Svcs Logqing & Perforation Svcs Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing				\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500 15,000 125,000 450,000 115,000 35,000 75,000	\$10,000 160,000 50,000 0 0 3350,000 0 0 1,500,000 0 250,000 0 67,500 125,000 0 450,000 0 450,000 0 35,000 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 209 8306 209 8306 211 8306 212 8306 212 8306 212 8306 214 8306 215 8306 216 8306 217 8306 218 8306 221 8306 220 8306 221 8306 221 8306 221 8306 222 8306 223 8306 224 8306 225 8306 225 8306 225 8306 227	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MaiExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugaing	\$ -	0		\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500 15,000 450,000 115,000 35,000	\$10,000 160,000 0 0 0 350,000 0 0 1,500,000 0 0 250,000 0 1,500,000 0 1,500,000 0 1,500,000 0 125,000 0 125,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000
8306 201 8306 202 8306 203 8306 204 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 212 8306 212 8306 212 8306 212 8306 214 8306 215 8306 216 8306 217 8306 218 8306 219 8306 220 8306 221 8306 222 8306 223 8306 224 8306 224 8306 224 8306 224 8306 224 8306 224	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Tools & Svcs Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MaiExp Fishing Coil Tubing Services Miss Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs				\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500 15,000 450,000 115,000 35,000 75,000	\$10,000 160,000 0 0 350,000 0 0 1,500,000 0 250,000 0 67,500 0 15,000 125,000 0 450,000 115,000 0 0 250,000
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 209 8306 209 8306 211 8306 212 8306 212 8306 212 8306 214 8306 215 8306 216 8306 217 8306 218 8306 221 8306 220 8306 221 8306 221 8306 221 8306 222 8306 223 8306 224 8306 225 8306 225 8306 225 8306 227	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubino Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig	\$ -	0		\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000	\$10,000 160,000 50,000 0 350,000 0 0 1,500,000 0 250,000 67,500 0 15,000 125,000 0 450,000 0 115,000 0 0 0 0 0 0 0 0 0 0 0 0
8306 201 8306 202 8306 203 8306 204 8306 205 8306 205 8306 207 8306 208 8306 209 8306 209 8306 211 8306 212 8306 212 8306 212 8306 214 8306 215 8306 216 8306 217 8306 218 8306 221 8306 220 8306 221 8306 221 8306 221 8306 222 8306 223 8306 224 8306 225 8306 225 8306 225 8306 227	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulath Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MaiExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugaing	\$ -	0		\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500 15,000 450,000 115,000 35,000 75,000	\$10,000 160,000 0 0 0 350,000 0 0 1,500,000 0 0 250,000 0 1,500,000 0 1,500,000 0 1,500,000 0 125,000 0 125,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000 0 15,000
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 215 8306 215 8306 217 8306 218 8306 219 8306 220 8306 220 8306 222 8306 222 8306 223 8306 224 8306 225 8306 225 8306 227 8306 227 8306 227 8306 227 8306 228	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logqing & Perforation Svcs Logqing & Perforation Svcs Logqing & Perforation Svcs Formation Stimulatin Acid Frac Formation Suppervision Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Pilugaing Completion Rig	\$ -	0		\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500 15,000 125,000 450,000 35,000 75,000 25,000	\$10,000 160,000 50,000 0 3350,000 0 0 1,500,000 0 250,000 0 67,500 15,000 0 450,000 0 150,000 0 150,000 0 0 0 15,000 0 0 125,000 0 0 0 0 0 15,000 0 0 0 15,000 0 0 0 0 0 0 0 15,000 0 0 0 0 0 0 0 0 0 0 0 0
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 215 8306 215 8306 217 8306 218 8306 219 8306 220 8306 220 8306 222 8306 222 8306 223 8306 224 8306 225 8306 225 8306 227 8306 227 8306 227 8306 227 8306 228	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logqing & Perforation Svcs Logqing & Perforation Svcs Csg Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugaing Completion Rig Sub-Total Intancible Completion Costs Sub-Total Intancible Completion Costs Sub-Total Intancible Costs	\$ -	0	\$2,684,265	\$10,000 160,000 50,000 350,000 1,500,000 250,000 67,500 15,000 450,000 35,000 75,000 25,000 30,000 \$3,257,500 97,725	\$10,000 160,000 0 0 0 350,000 0 0 1,500,000 0 250,000 0 15,000 0 15,000 0 15,000 0 25,000 0 0 25,000 0 0 35,000 0 0 35,000 0 35,000 0 35,000 0 0 25,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 206 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 215 8306 215 8306 217 8306 218 8306 219 8306 220 8306 220 8306 222 8306 222 8306 223 8306 224 8306 225 8306 225 8306 227 8306 227 8306 227 8306 227 8306 228	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logqing & Perforation Svcs Logqing & Perforation Svcs Csq Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Stimulatin Acid Frac Formation Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated Majfexp Fishing Coil Tubin Services Misc Supplies & Materials Flowback Testing Legala & Materials Flowback Testing Legala & Permits Environmental & Safety Costs Plugqing Completion Rig SUBTOTAL CONTINGENCY (%) 3.00% SUB-TOTAL INTANCIBLE COSTS TANGIBLE DRILLING COSTS	\$ -	0	\$2,684,265	\$10,000 160,000 50,000 350,000 350,000 1,500,000 250,000 15,000 125,000 450,000 315,000 75,000 25,000 30,000 \$3,257,500 97,725 \$3,355,225	\$10,000 160,000 0 0 0 350,000 0 0 350,000 0 0 1,500,000 0 0 250,000 0 67,500 0 125,000 0 15,000 0 15,000 0 15,000 0 0 350,000 0 15,000 0 350,000 0 0 35,000 0 0 25,000 0 0 35,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
8306 201 8306 202 8306 203 8306 203 8306 204 8306 205 8306 206 8306 207 8306 207 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 217 8306 218 8306 218 8306 229 8306 220 8306 220 8306 220 8306 221 8306 222 8306 223 8306 224 8306 224 8306 224 8306 228	DESCRIPTION Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Logging & Perforation Svcs Logging & Perforation Svcs Csa Crews & Tools-Drive Hammer Directional Tools & Svcs Formation Stimulatn Acid Frac Formation Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MaiExp Fishing Coil Tubing Services Misc Supplies & Materials Flowback Testing Leval Response Flowpack Testing Leval Response Environmental & Safety Costs Plugging Completion Rig SUBTOTAL LINTANGIBLE COSTS TANGIBLE DRILLING COSTS	\$ -	0 Units	DRYHOLE	\$10,000 160,000 50,000 350,000 350,000 1,500,000 250,000 15,000 125,000 450,000 315,000 75,000 25,000 30,000 \$3,257,500 97,725 \$3,355,225	\$10,000 160,000 0 0 0 350,000 0 0 1,500,000 0 1,500,000 0 67,500 0 15,000 125,000 0 155,000 0 250,000 0 35,000 0 35,000 75,000 0 25,000 0 25,000 0 25,000 0 25,000 0 0 33,257,500 97,725 \$3,355,225 \$6,039,490
8306 201 8306 202 8306 203 8306 203 8306 204 8306 205 8306 205 8306 206 8306 207 8306 208 8306 209 8306 210 8306 211 8306 212 8306 213 8306 214 8306 214 8306 215 8306 217 8306 218 8306 229 8306 229 8306 222 8306 222 8306 224 8306 225 8306 227 8306 228	DESCRIPTION	\$	0 0	DRYHOLE \$40,000	\$10,000 160,000 50,000 350,000 350,000 1,500,000 250,000 15,000 125,000 450,000 315,000 75,000 25,000 30,000 \$3,257,500 97,725 \$3,355,225	\$10,000 160,000 160,000 0 0 350,000 0 0 1,500,000 0 1,500,000 0 67,500 0 125,000 125,000 0 450,000 35,000 75,000 0 \$3,257,500 0 \$3,257,502 \$3,355,225 \$6,039,490
8306 201 8306 202 8306 202 8306 203 8306 204 8306 205 8306 205 8306 206 8306 207 8306 208 8306 207 8306 210 8306 211 8306 212 8306 212 8306 213 8306 214 8306 215 8306 216 8306 217 8306 218 8306 218 8306 220 8306 221 8306 222 8306 223 8306 225 8306 225 8306 225 8306 227 8306 228	DESCRIPTION	\$ - S	0 Units 0	DRYHOLE \$40,000 \$10,000	\$10,000 160,000 50,000 350,000 350,000 1,500,000 250,000 15,000 125,000 450,000 315,000 75,000 25,000 30,000 \$3,257,500 97,725 \$3,355,225	\$10,000 160,000 160,000 0 0 350,000 0 0 350,000 0 0 1,500,000 0 250,000 0 67,500 0 125,000 125,000 0 15,000 0 15,000 0 35,000 0 35,000 0 25,000 0 25,000 0 35,000 0 25,000 0 35,000 0 75,000 0 25,000 0 25,000 0 10,000
8306 201 8306 202 8306 203 8306 203 8306 204 8306 205 8306 206 8306 206 8306 207 8306 208 8306 209 8306 211 8306 212 8306 213 8306 213 8306 214 8306 215 8306 218 8306 218 8306 222 8306 222 8306 222 8306 222 8306 224 8306 225 8306 225 8306 227 8306 229	DESCRIPTION	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	0 0	DRYHOLE \$40,000	\$10,000 160,000 50,000 350,000 350,000 1,500,000 250,000 15,000 125,000 450,000 315,000 75,000 25,000 30,000 \$3,257,500 97,725 \$3,355,225	\$10,000 160,000 160,000 0 0 350,000 0 0 1,500,000 0 1,500,000 0 67,500 15,000 125,000 0 450,000 0 35,000 0 115,000 0 35,000 0 15,000 0 10,
8306 201 8306 202 8306 202 8306 203 8306 203 8306 205 8306 205 8306 207 8306 208 8306 207 8306 209 8306 211 8306 212 8306 212 8306 212 8306 212 8306 213 8306 214 8306 215 8306 216 8306 227 8306 228 8306 227 8306 228 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 229 8306 228 8306 228 8306 228	DESCRIPTION	\$ - S - S - S - S - S - S - S - S - S -	0 0 Units 0 0	\$40,000 \$10,000 \$30,000 \$190,000 70,000	\$10,000 160,000 50,000 350,000 350,000 1,500,000 250,000 15,000 125,000 450,000 315,000 75,000 25,000 30,000 \$3,257,500 97,725 \$3,355,225	\$10,000 160,000 160,000 0 0 0 350,000 0 0 1,500,000 0 1,500,000 0 67,500 0 15,000 0 0 15,000 0 15,000 0 0 15,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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	TANGIBLE COMP	U ETION COSTS					
1007		LETION COSTS					T0T-1 WELL 000T
ACCT.	DESCRIPTION		Rate	Units		COMPLETION	TOTAL WELL COST
8309 401	Production Casing 5-1/2"		\$ -	0		245,000	\$245,000
8309 402 8309 403	Tubing Subs Flt Egpt Centralizers Etc		\$ -	0		50,000	50,000 0
8309 404	Sub Surface Equipment					120,000	120,000
8309 405	Xmas Tree Upper Section					60,000	60,000
8309 406	Outside Operated Other						0
	SUB-TOTAL TANGIBLE COMPLETION (COSTS				\$475,000	\$475,000
	SUB-TOTAL TANGIBLE COSTS				\$450,000	\$475,000	\$925,000
	SUB-TOTAL INTANGIBLE & TANGIBLE				\$3,134,265	\$3,830,225	\$6,964,490
	PRODUCTION EQ	UIPMENT COSTS					
						COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment						\$0 0
8311 502 8311 503	Prime Mover Electric Gas Sales Gathering Line						0
8311 504	Separation Equipment		-			59,155	0
8311 505	Oil Treating Heating Equipmen	nt				179,000	0
8311 506	Gas Treating Dehy Equipment					56,927	0
8311 507	Tanks					113,190	0
8311 508	Meters					11,514	0
8311 509	Electrical Equip Install					103,333	0
8311 510 8311 511	Compressor Flowlines		-			4,836 48,000	0
	Labor					188,000	0
8311 513	Trucks Hauling Transportation		-			100,000	0
8311 514	Buildings						0
8311 515	Roads & Locations						0
8311 516	Manifolds & Headers					15,000	0
8311 517	Chemical Injection System						0
8311 518	Piping & Valves					96,667	0
8311 519 8311 520	Welding Surface Pumps						0
8311 521	Filters						0
8311 522	Outside Operated Other		-				0
8311 523	Environmental & Safety						0
8311 524	Engineering Supervision					13,333	0
8311 525	Surface Facilities						0
	SUB-TOTAL PRODUCTION EQUIPMENT	NT				\$888,955	\$888,955
	SUB-TOTAL INTANGIBLE COSTS (PA	AGE 1)			\$2,684,265	\$3,355,225	\$6,039,490
	SUB-TOTAL TANGIBLE COSTS (PAG	GE 2)			\$450,000	\$475,000	\$925,000
		GRAND TOTAL			\$3,134,265	\$4,719,180	\$7,853,446
		LESS OUTSIDE INTERES	TS		\$3,134,265	\$4,719,180	\$7,853,446
		TOTAL NET COSTS			\$0	\$0	\$0
		TOTAL NET COSTS			40	40	40
	<u> </u>						
		stimates only. Nonoperators should not consider t	nese estimates	as establishin	g any limit		
on monies which	will be required to perform the propos	sed operation.					
	_				·		
PREPARED BY		DATE			GROSS AFE AMOUNT - DRY HOLE		\$3,134,265
					NET DRYHOLE AFE AMOUNT		\$0
APPROVED		DATE			NET ASSET TRANSFERS		\$0
					CASH OUTLAY THIS AFE		\$0
APPROVED		DATE			PREVIOUS AFE'S ISSUED		\$0
ALLKOVED					TOTAL CASH OUTLAY		\$0
		DATE			TOTAL CASH OUTLAY		30
APPROVED		DATE					
	WORKING INTER	EST APPROVAL					
	COMPANY	VORKING INTEREST			APPROVED BY		DATE
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