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

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

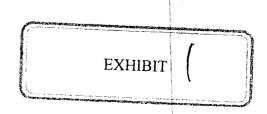
APPLICATION OF ASCENT ENERGY, LLC FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

Case No. 20172

#### **VERIFIED STATEMENT OF LEE ZINK**

Lee Zink, being duly sworn upon his oath, deposes and states:

- 1. I am a landman for Ascent Energy, LLC ("Ascent"), and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.
- 2. Pursuant to NMAC 19.15.4.12.A(1), the following information is submitted in support of the compulsory pooling application filed herein:
  - (a) The purpose of this application is to force pool working interest owners into the Bone Spring horizontal spacing unit described below, and in wells to be drilled in the units.
  - (b) No opposition is expected because the interest owner being pooled have been contacted regarding the proposed well, but have failed or refused to voluntarily commit their interests to the wells. All interest owners are locatable.
  - (c) The wells are in the proposed Red Hornet Development Area, a development area approved by the Bureau of Land management for drilling in the potash area. A plat outlining the Development Area is attached as Attachment A.
  - (d) A plat outlining the Bone Spring units being pooled is attached hereto as Attachment B. Ascent seeks an order pooling all mineral interests in the Bone formation underlying the N/2S/2 of Section 23 and the N/2S/2 of Section 24, and the S/2N/2 of Section 24 Township 20 South, Range 30 East, NMPM. The unit will be dedicated to:
    - (i) the Red Hornet Fed Com Well Nos. 502H and 501H, Second Bone Spring wells; and



(ii) the Red Hornet Fed Com Well No. 602H and 601H, Third Bone Spring wells.

They are horizontal wells with first and last take points as shown on the C-102s submitted with the geologist's affidavit. The wells will comply with Division setback requirements.

The party being pooled is XTO Holdings LLC.

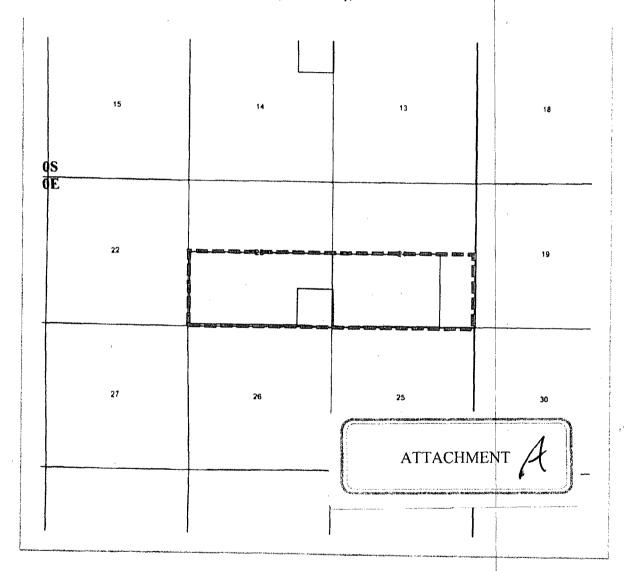
- (e) There are no depth severances in the Bone Spring formation.
- (f) Attachment C is a well proposal sent to XTO Holdings LLC for the subject wells. Ascent has had numerous contacts with XTO Holdings LLC.
- (g) Ascent has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed well.
- (h) Ascent has the right to pool the overriding royalty owners in the well unit.
- (i) Attachment D contains the Authorizations for Expenditure for the proposed wells. The estimated costs of the wells set forth therein are fair and reasonable, and comparable to the costs of other wells of similar depth and length drilled in this area of Lea County.
- (j) Ascent requests overhead and administrative rates of \$7500/month for a drilling well and \$750/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Eddy County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Ascent requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- (k) Ascent requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
- (l) Ascent requests that it be designated operator of the wells.
- (m) The attachments to this affidavit were prepared by me, or compiled from Company business records.
- (n) The granting of this application is in the interests of conservation and the prevention of waste.

### **VERIFICATION**

STA	I'E OF COLORADO	)		
CITY	AND COUNTY OF DENVER	) ss. )		
	Lee Zink, being duly sworn unt Energy, LLC; he is authorized oing statement, and knows the cast knowledge, information, and be	ontents thereof: and		
				de la companya della companya della companya de la companya della
Zink.	SUBSCRIBED AND SWORN	N TO before me this	Lee Zink day of J	anuary, 2019 by Lee
Му С	ommission Expires:	102-1	Notary Public	& BO
	ROSELYN KLINZMAN-BOGS NOTARY PUBLIC STATE OF COLORADO NOTARY ID 19994030357 MY COMMISSION EXPIRES 08/01/2021		Trotally PRONC	*> 2

## Red Hornet Development Area Township 20 South, Range 30 East

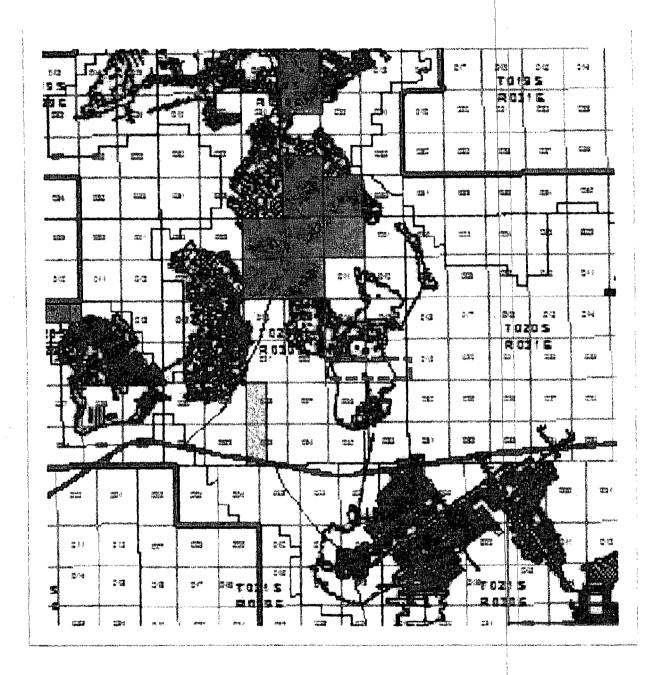
Section 23: S2 Section 24: S2 640.00 Gross Acres Eddy County, NM





	Ascent Energy, LLC	APPENT
	Exhibit	
· 	Location Map T20S-R30E	
	Case No.	

# **BLM Carlsbad Field Office Development Areas**





Red Hornet Development Area T20S-R30E

Section 23: S2 Section 24: S2 640.00 acres

As	cent Energy, LLC	BCBNT
	Exhibit	
BLM (	Development Area Map	
Cas	e No.	

# <u>Summary of Progress</u> Red Hornet Development Area Wells

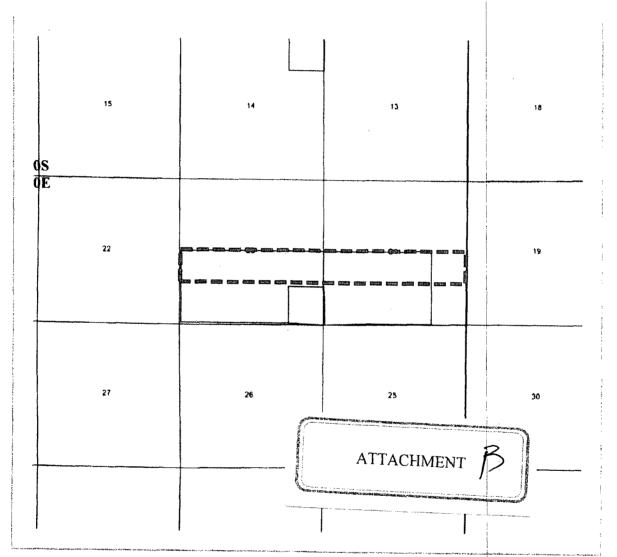
 5/30/2018 – BLM on-site. Ascent received BLM approval for Red Hornet drill islands. Red Hornet well pad sites were staked and surveyed.

• 6/18/2018 – Ascent mailed out Notification of Development Area for the Red Hornet Development Area.

Asce	ent Energy, LLC	ASCENT
	Exhibit	
Sum	mary of Progress	
Case I	No.	

#### Red Hornet Pooling Unit Township 20 South, Range 30 East

Section 23: N2S2 Section 24: N2S2 320.00 Gross Acres Eddy County, NM



Working Interest for: Red Hornet Fed Com #502H, Red Hornet Fed Com #602H, and Red Hornet Fed Com #702H

Total	100%

Asce	ent Energy, LLC	ABCENT
	Exhibit	
	T20S-R30E	
Case t	No.	



September 19, 2018

XTO Holdings LLC 22777 Springwoods Village Pkwy Spring, Texas 77389

Attn:

Land Dept. Loc. 115

RE:

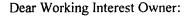
Red Hornet Development Area

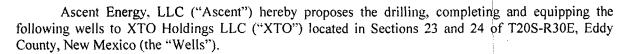
T20S-R30E

Sec. 23: N2S2 Sec. 24: N2S2

320 Gross Acres, more or less

Eddy County, New Mexico





1) Red Hornet Fed Com #502H (the "502H Well") to test the Bone Spring formation at a total vertical depth of 9,034 and a total measured depth of 19,728. The proposed surface location of the 502H Well is 1,074' FSL, 51' FEL, T20S-R30E Sec. 24 with a bottom hole location of 1,980' FSL, 100' FWL, T20S-R30E Sec. 23.

The estimated cost associated with the 502H Well is \$8,788,716, as outlined in the enclosed Authority for Expenditure dated September 13, 2018. Ascent's records indicate that XTO owns a 12.50% working interest in the 502H Well, and XTO's estimated costs is approximately \$1,098,590.

2) Red Hornet Fed Com #602H (the "602H Well") to test the Bone Spring formation at a total vertical depth of 10,282' and a total measured depth of 22,276'. The proposed surface location of the 602H Well is 998' FSL, 1,737' FWL, T20S-R31E Sec. 19 with a bottom hole location of 2,310' FSL, 100' FWL, T20S-R30E Sec. 23.

The estimated cost associated with the 602H Well is \$9,112,114, as outlined in the enclosed Authority for Expenditure dated September 13, 2018. Ascent's records indicate that XTO owns a 12.50% working interest in the 602H Well, and XTO's estimated costs is approximately \$1,139,014.

3) Red Hornet Fed Com #702H (the "702H Well") to test the Wolfcamp formation at a total vertical depth of 10,363' and a total measured depth of 22,357'. The proposed surface location of the 702H Well is 1,028' FSL, 1,737' FWL, T20S-R31E Sec. 19 with a bottom hole location of 1,650' FSL, 100' FWL, T20S-R30E Sec.23.



September 19, 2018 Red Hornet Development Area Page 2 of 4

The estimated cost associated with the 702H Well is \$9,744,277, as outlined in the enclosed Authority for Expenditure dated September 13, 2018. Ascent's records indicate that XTO owns a 12.50% working interest in the 702H Well, and XTO's estimated costs is approximately \$1,218,035.

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

- Contract Area:
   <u>Township 20 South, Range 30 East</u>

   Section 23: N2S2
   Section 24: N2S2
- 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 Wells and return a signed copy within thirty (30) days of receipt of this notice to Ascent. If XTO is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

September 19, 2018 Red Hornet Development Area Page 3 of 4

Ascent looks forward to working with XTO 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 <a href="mailto:link@ascentenergy.us">link@ascentenergy.us</a>.

Very Truly Yours,

Lee Zink

Land Manager

Ascent Energy, LLC

1621 18th Street, Suite 200

Denver, CO 80202

Enclosure(s):

Red Hornet Fed Com #502H AFE

Red Hornet Fed Com #602H AFE Red Hornet Fed Com #702H AFE

Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

September 19, 2018 Red Hornet Development Area Page 4 of 4

#### Well Election(s)

	i			
XTO hereby elects to participate in the proposed Red Hornet Fed Com proportionate share of the costs outlined on the associated AFE.	502H	by	paying	its
XTO hereby elects not to participate in the proposed Red Hornet Fed Com 502	H.			
XTO hereby elects to participate in the proposed Red Hornet Fed Com proportionate share of the costs outlined on the associated AFE.	602H	by	paying	its
XTO hereby elects not to participate in the proposed Red Hornet Fed Com 602	Н.			
XTO hereby elects to participate in the proposed Red Hornet Fed Com proportionate share of the costs outlined on the associated AFE.	702H	by	paying	its
XTO hereby elects not to participate in the proposed Red Hornet Fed Com 702	Н.			
Working Interest Owner:				
XTO Holdings LLC				
By:				
Title:				
Date				



#### **Ascent Energy, LLC**

#### ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER	Red Hornet Fed Com 502H		BUD YEAR CATEGORY (		DATE SUPPLEMENT NO.	September 13, 2018	
FIELD	Rawhide	REGION	Delaware Ba		LEGAL:	20S 30E	
OPERATOR	Ascent Energy, LLC	WELL NO.	502H		w.t.		
OBJECTIVE	2nd Bone Spring	STATE	NM		MD/TVD	+/-19,730'/9035'	
	O)ECT START DATE: 2Q2019  Drill a 10,425' lateral in the 2nd BS and frac v	vith 62 stance. Ar	sumes 4 string de	sign.	<del> </del>	<del></del>	
DESCRIPTION:	Dun a 10'452 laterar in the SNO 92 during a 4	Mili 02 stages. As	sumes 4 samy ac	ayıı.		1	
	INTANGIBLE DRILLING COST	S	7		vida utan sa Masirina ng Sastan na Basi		and the second
ACCT.	DESCRIPTION		Rate	Units	DRYHOLE		TOTAL WELL COST
8305 101	Location Cleanup & Damages				\$125,000	en en an de la trade de la trade	\$125,000
8305 102 8305 103	Rig Move - MIRU, RDMO Rig Contractor-Daywork/FT	<del></del>	\$ 24,000	24	\$100,000 \$576,000		100,000 576,000
8305 104	Rig Contractor-Turnkey				THE STATE OF THE STATE OF THE STATE OF	A 20 9 1 10 1 10 1 10 1	
8305 105 8305 106			+		\$110,000 \$120,000		140,000
8305 107	Bits, Reamer, Stabilizers				\$90,000		90,000
8305 108 8305 109	Cement & Cementing Services Mud Logging				\$180,000 \$80,000		180,000
	Open Hole Logging				\$30,000		4430,000
8305 111					\$85,000 \$180,000		85,000 180,000
8305 112 8305 114		ampling			\$180,000 \$41,867,677,000		O WE SHAPE
8305 115	Tubular Inspection				\$20,000		20,000
8305 116 8305 117					\$300,000 \$120,000		44 300,000 120,000
8305 118	Wellsite Consultants		\$ 2,000	48	\$96,000		96,000
8305 119 8305 120					\$20,000		20,000
8305 121					\$75,000		75,000
8305 122			1.9243	19,730	\$37,966 \$25,000	1	37,966 25,000
8305 123 8305 124					\$50,000		¥ 50,000
8305 125	Unanticipated MjrExp (Fishing)				tera perendua da seconomia meta de s		0
8305 126 8305 127			-+		\$50,000	1	50,000 0
8305 128	Permits				\$20,000		20,000
8305 129 8305 130		<del></del>		<del> </del>	\$20,000		*** 20,000 0
6303 130	SUBTOTAL				\$2,509,966		\$2,509,966
8305 199		<del></del>	<del></del>		0	<del> </del>	42 702 056
S 3838 #660	SUB-TOTAL INTANGIBLE DRILLING COSTS INTANGIBLE COMPLETION CO	STS	1. 14 1/14 (1. 20)		\$2,509,966		\$2,509,966
ACCT.	DESCRIPTION		Rate	Units	King the Residence of the Party		FOTAL WELL COST
8306 201	Location & Cleanup			-	The second second second		# \$10,000
8306 202	Power & Fuel				第5天有有5世的新世界的是《艾·斯·普	10,000	10,000
8306 203 8306 204		<del></del>		<del> </del>		45,000	45,000
8306 205							275;900
8306 206					THE THE RESERVE AND THE PROPERTY OF	275,000	275,000
8306 207 8306 208				<del> </del>		<del> </del>	)
8306 209	Formation Stimulatn Acid Frac				2012年中華中國中華中国中國自由中華中國	3,500,000	3,500,000
8306 210 8306 211			-+	<del> </del>	refused to the first of the second		0 0
8306 212					·华德元语:42246时代公司554445	200,000	* 200,000
8306 213 8306 214		<del></del>	\$ 2,000	60		120,000	120,000
8306 215			3 2,000	1	RECEIPED TO THE PROPERTY OF THE		analogical state of
8306 216				ļ	75. PET-2002 FFEEE FEEE PETER FEEE FEE	20,000	20,000
8306 217 8306 218			$\pm$	<u> </u>	A CALLES TO COMMENTS	15,000	15,000 0
8306 219	Overhead				是1962年发展的基础产品等5FG	6	44 700
8306 220 8306 221			1.35	475000	运程与1600年,1600年末1500年200日 日本中国共享的第三人称单位	641,250	- 641,250 0
8306 222	Coil Tubing Services				一种的"C. T.	95,000	95,000
8306 223 8306 224	Misc Supplies & Materials Flowback Testing			<del> </del>	The Control of the Co	35,000	35,000 75,000
	Legal & Permits				· · · · · · · · · · · · · · · · · · ·	5,000	5,000
8306 226							0
8306 227 8306 228			1 .	- 0		30,000	30,000
					(1) 2 产业的发展的 (2) 2. 10gl (3) 2. 10gl (4) 10gl (	¥	<b>经验的证据的证据的</b>
8306 299	SUBTOTAL  CONTINGENCY (%)  0.00%				<del> </del>	\$5,076,250	\$5,076,250 0
2007 273	SUB-TOTAL INTANGIBLE COMPLETION COSTS			· · · · · · · · ·	1	\$5,076,250	\$5,076,250
	SUB-TOTAL INTANGIBLE COSTS				\$2,509,966		\$7,586,216
100	TANGIBLE DRILLING COST	S					
ACCT.	DESCRIPTION		Rate	Units	DRYHOLE	**	TOTAL WELL COST
8308 301	<del></del>		\$ -	0			\$20,000
8308 303			- +		\$25,000		25,000
8308 303 8308 304			<del>-   \$ - : -</del>	1 8	\$60,000 \$100,000		100,000
8308 305	Subs Fit Egpt Centralizers Etc				位置到此級作品可能是一种可能的知识		· 中国来源于10
8308 306 8308 307				<del> </del>	\$60,000		60,000
8308 308				<u> </u>	THE STATE OF THE S		0
	SUB-TOTAL TANGIBLE DRILLING COSTS				\$265,000	111	\$265,000

4000	W. S. W.	TANGIBLE COMPLETION CO	0515	<u> </u>	Section 1		2011 (d. n. 1945) (d. 1945)	
ACC	7.	DESCRIPTION		Rate	Units		COMPLETION	TOTAL WELL COST
09		Production Casing		\$ -	T 0	THE PARTY OF PARTY OF THE PARTY.		\$290,00
09	_	Tubing		<del>.</del> .	1 0			- 132.50
09	403	Subs Fit Egpt Centralizers Etc		·	<del> </del>			Magnesia, es es
09	404	Sub Surface Equipment				· 1996年1月20日日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日	30,000	30,00
09	405	Xmas Tree Upper Section						60.00
09	406	Outside Operated Other			4	(1978年1985年1987年1987年1987年1987年1987年1987年1987年1987		Color Table
					<u> </u>	<del></del>		
		SUB-TOTAL TANGIBLE COMPLETION COSTS				<del></del>	\$412,500	\$412,50
		SUB-TOTAL TANGIBLE COSTS				\$265,000	\$412,500	\$677,50
. WW.	arten in	SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				\$2,774,966	\$5,488,750	\$8,263,71
2277	110	PRODUCTION EQUIPMENT C	OSTS		212010000		名。[4] [6] [6] [6] [6] [6] [6] [6] [6] [6] [6	
						A SECURE OF CONTRACT LINES AND		TOTAL WELL COST
11	501	Artificial Lift Equipment				(40)2000年1986年1986年1986年1986年1986年1986年1986年1986		¥15.0
11		Prime Mover Electric Gas					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	of the same of
11	503 504	Sales Gathering Line		<del></del>				ALUE ALUE AND
11_	505	Separation Equipment Oil Treating Heating Equipment					50,000 8	50 <u>10</u>
11	506	Gas Treating Dehy Equipment				Inches Therman		A THE PLEASURE
11	507	Tanks				TOWNS WELL WAS A TOWN	70,000	70,0
11	508	Meters				PROPERTY OF STREET OF STREET	55,000	2,1455.0
11	509	Electrical Equip Install				NAMES OF TAXABLE PARTY.	20,000	20,0
11	510	Compressor		<u> </u>		(1) 10 10 10 10 10 10 10 10 10 10 10 10 10		
11	511	Flowlines				Control of the Contro		50.0
11_	512	Labor		<del> </del>		Marie Control of the		130,0
11	513	Trucks Hauling Transportation	<del></del>	<del> </del>				
11	514 515	Buildings	· · · · · · · · · · · · · · · · · · ·					***************************************
11_	516	Roads & Locations Manifolds & Headers		<del></del> -		TELEVISION OF THE PROPERTY OF		15.0
11	517	Chemical Injection System				State of the larger particles of the		The Same Pro
11	518	Piping & Valves				<b>全国的</b> 中国的中国企业中国企业中国企业中国企业中国企业中国企业中国企业中国企业中国企业中国企业		50,0
11	519	Welding		<del></del>		THE PERSON OF TH		
11	520	Surface Pumps				CHARLES AND ALCOHOLD TO THE		A 24 1 1 1 1 1 5 1 C
111_	521	Filters				The second secon	1000	40 0/4 46 AV
11	522	Outside Operated Other				了。 第二十二章		
311	523	Environmental & Safety		<u> </u>		少女的,有是在这个人的"大大"。		10.0
111	524	Engineering Supervision		<b></b>		2000年,1900年,1900年,1900年,1900年,1900年,1900年,1900年,1900年,1900年,1900年,1900年,1900年,1900年,1900年,1900年,1900年,1900年,19		30,0
311	525	Surface Facilities		<del> </del>		280万元(大山水南584×374)	15,000	15,0
		<del></del>	<del></del>	·		<del> </del>	<del></del>	
		SUB-TOTAL PRODUCTION EQUIPMENT					\$525,000	\$525,6
		SUB-TOTAL INTANGIBLE COSTS (PAGE 1)				\$2,509,966	\$5,076,250	\$7,586,
	_	SUB-TOTAL TANGIBLE COSTS (PAGE 2)				\$265,000	\$412,500	\$677,
			GRAND TOTAL			\$2,774,966	\$6,013,750	\$8,788,
			LESS OUTSIDE INTERESTS			\$2,774,966	\$6,013,750	\$8,788,
		<del> </del>		<u></u>				40,760,
		<del> </del>	TOTAL NET COSTS			\$0	\$0	
		rator: Costs shown on this form are estimates will be required to perform the proposed operat		not consider th	nese estimates :	as establishing any limit		
EPARE		The second secon	DATE		<del></del>	GROSS AFE AMOUNT - DRY HOLE	r	\$2,774,
. rent		1	Ì					4-1//4
			DATE			NET DRYHOLE AFE AMOUNT	<del></del>	
ROV	ED		J. SAILE			NET ASSET TRANSFERS		
		<u> </u>				CASH OUTLAY THIS AFE		
ROV	ED	Į.	DATE			PREVIOUS AFE'S ISSUED		
						TOTAL CASH OUTLAY	,	
ROV	ED		DATE					
		WORKING INTEREST APPROV				J L		
			ING INTEREST			APPROVED BY		DATE
				1				
				<del>                                     </del>				<del></del>
_		Į.		Į.			i .	

#### Ascent Energy, LLC

#### ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

AFE NO.		Red Hornet Fed Corn 602H	BEGYON	BUD YEAR CATEGORY	D&C	SUPPLEMENT		September 13, 2018	
FIELD OPERATO		Rawhide Ascent Energy, LLC	REGION WELL NO.	Delaware B 602H	BSIN	<del></del>	GAL: W.I.	205 31E	
OBJECTIV		3rd Bone Spring	STATE	NM		MD/		+/-22,275'/10,280'	
	ED PRO	JECT START DATE: 2Q2019							
	TION: C	orli a 11,725 lateral in the 3rd BS and frac wit							
ACC		DESCRIPTION	Ball (11/80-760 3186	Rate	Units	DRYHOLE S	THE RESERVE AND ADDRESS OF THE PARTY OF THE		TOTAL WELL COST
8305		Location Cleanup & Damages				\$1250		7. This is a 🗱	\$125,000
8305	102	Rig Move - MIRU, RDMO		2.000		\$100°C	000		100,000
8305 8305		Rig Contractor-Daywork/FT Rig Contractor-Turnkey		\$ 24,000	28	\$672;			672,000
8305		Power & Fuel				* Fals - 14 June 15 30.		46	130,000
8305		Drill Fluids & Chemicals				\$145,	000		145,000
8305 8305		Bits, Reamer, Stabilizers Cement & Cementing Services	· — · · · · · · · · · · · · · · · · · ·			\$100, \$45 \$2.00 \$210.	000		100,000 210,000
8305		Mud Logging				Property of the Section of the Secti	000	<b>3</b> /	90,000
8305		Open Hole Logging				\$30, \$95,	2000	3	30,000 4, 95,000
8305		Csg Crews & Tools Directional Tools & Service				\$210.	000		210,000
8305	114	Form Eval - Well Testing DST - Coring, S	Sampling			<b>1987年 46日 中国共产业中国共产</b>	40.5		0
8305		Tubular Inspection		<del></del>		\$20, \$310,	000		20,000 310,000
8305 8305	117	Equipment Rentals  Contract Labor & Services				\$135.	000		135,000
8305	118	Wellsite Consultants		\$ 2,000	56	\$112,		<b>*</b>	112,000
8305	119	Company Supervison & Labor Transportation			<del></del>	\$20.	000		20,000
8305	121	Mud,Cuttings & Water Disposal				或类型。原则是"电影"等的。\$85.	000	1 1 12	
8305	122	Insurance		1.9243	22,275	\$42,	864	, se la 12	42,864
8305 8305	123 124	Overhead Water & Water Well			<del> </del>	\$25 \$55			25,000
8305	125	Unanticipated MjrExp (Fishing)				C.S. ···································	10 m	- B	es rubian la seco.
8305	126	Legal		<b></b>		W actions Takes \$50.			50,000
8305	127	Outside Operated Other Permits				\$20			20,000
8305	129	Environmental & Safety				\$20	000	1 4	20,000
8305	130	Plugging				医·安德斯特氏系统 的 的 种类发展性。 1	特徵	1	151 / Samuel 100
8305	199	SUBTOTAL CONTINGENCY (%) 0.00%				\$2,801,	864		\$2,801,864
1000		SUB-TOTAL INTANGIBLE DRILLING COSTS				\$2,801,1		:	\$2,801,864
10.5	John J.	INTANGIBLE COMPLETION CO	STS		araga Mil			- 30x CM (14 15 15 15 15 15 15 15 15 15 15 15 15 15	A TOWNSHIP JOBS
AC	cr.	DESCRIPTION		Rate	Units	Property and the state of the state of	0.7983	COMPLETION	TOTAL WELL COST
8306	201	Location & Cleanup					- E	\$10,000	\$10,000
8306 8306	202	Location & Cleanup Power & Fuel					1 32	\$10,000 \$	10,000
8306 8306 8306	202 203	Location & Cleanup Power & Fuel Compl Fluids & Chemicals						\$10,000 \$	\$10,000
8306 8306	202	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs						\$10,000 10,000 45,000	1\$10.000 10.000 45.000
8306 8306 8306 8306 8306 8306	202 203 204 205 206	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs						\$10,000   10,000   15	\$10,000 10,000 145,000 180 180 255,000
8306 8306 8306 8306 8306 8306	202 203 204 205 206 207	Location & Cleanup Power & Fuel Compl Fluids & Chemicals Bits, Reamer, Stabilizers Cement & Cementing Svcs Logging & Perforation Svcs Csg Crews & Tools-Drive Hammer						\$10,000 \$ 10,000 \$ 45,000 \$ 275,000 \$	3510:000 10:000 45:000 10:00 10 10:00 10 10 10 10 10 10 10 10 10 10 10 10 1
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 206 207 208 209	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						\$10,000 (20,000) (30,	\$10,000 10,000 45,000 1,100 1,100 1,275,000 0 0 3,500,000
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 206 207 208 209 210	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						\$10,000 \( \) \( \	\$10,000 \$10,000 \$45,000 \$100 \$100 \$275,000 \$275,000 \$3,500,000
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 206 207 208 209 210	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 Evaluation Tubular Inspection						\$10,000 (20,000) (20,	\$10,000 10,000 \$5,000 \$1,00 \$1,0 \$2,75,000 \$2,75,000 \$3,800,000
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 206 207 208 209 210 211 212	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 Tubular Inspection Eguipment Rentals Contract Labor & Services						\$10,000   10	\$10.00 \$10,000 \$45,000 \$11.00 \$12,000 \$2275,000 \$3500,000 \$66 \$200,000
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 206 207 208 209 210 211 212 213 214	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 Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellste Consultant		\$ 2,000	60			\$10,000	3,10,000 10,000 14,500 14,500 12,500 12,500 13,500,000 120,000 120,000
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 206 207 208 209 210 211 212	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 Tubular Inspection Eguipment Rentals Contract Labor & Services						\$10,000 (20,000) (20,	3,500,000 45,000 45,000 3,500 27,5000 3,500,000 1,00
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217	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 Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Inductions Ind						\$10,000	3,10,000 10,000 14,000 14,000 14,000 14,00 12,15,000 3,500,000 200,000 12,000 12,000 15,000 15,000
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218	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 Stimulatn Acid Frac Formation Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Welsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance						\$10,000 (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	\$10,000 \$10,000 \$45,000 \$15,00 \$15,00 \$275,000 \$3,500,000 \$12,000 \$20,000 \$20,000 \$15,000 \$15,000 \$15,000 \$15,000 \$15,000
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217	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 Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Inductions Ind						\$10,000	3,10,000 10,000 14,500 14,500 2,75,000 3,500,000 200,000 1,70,000 1,70,000 1,500 0,000 1,500 1,
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221	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 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		\$ 2,000	60			\$10,000	\$10,000 \$10,000 \$15,000 \$1,00
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 220 221	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 Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellste Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Under Services Water & Water Well Under & Water Well Under & Water Well Under & Water Well Under & Water Mell Under & Water Well Under Services		\$ 2,000	60			\$10,000   10	\$10,000 \$10,000 \$15,000 \$15,000 \$1275,000 \$3,505,000 \$200,000 \$120,000 \$15,000
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221	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 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		\$ 2,000	60			\$10,000   10	\$10,000 \$10,000 \$15,000 \$15,000 \$275,000 \$3,500,000 \$120,000 \$120,000 \$15,000
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 205 207 208 209 211 211 212 213 214 215 216 217 218 220 221 222 221 222 222 223	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 Equipment Acid Frac Formation Featuration Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Hud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coll Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits		\$ 2,000	60			\$10,000	\$10,000 \$10,000 \$15,000 \$15,000 \$2,75,000 \$3,500,000 \$2,000 \$15,000 \$2,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000 \$35,000
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 205 207 208 209 210 211 212 213 214 215 216 219 220 221 221 222 222 223 225 226	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 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 Coll Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs		\$ 2,000	60			\$10,000	\$10,000 \$10,000 \$15,000 \$1,00
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 205 207 208 209 211 211 212 213 214 215 216 217 218 220 221 222 221 222 222 223	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 Equipment Acid Frac Formation Featuration Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Hud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coll Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits		\$ 2,000	60		では、 では、 では、 では、 では、 では、 では、 では、	\$10,000	1510.000 100.000 15000 15000 100.0000 100.000 100.000 100.000 100.000 100.000 100.000 100.0000 100.000 100.000 100.000 100.000 100.000 100.000 100.0000 100.000 100.000 100.000 100.000 100.000 100.000 100.0000 100.000 100.000 100.000 100.000 100.000 100.000 100.0000 100.000 100.000 100.00000 100.0000 100.0000 100.0000 100.0000 100.0000 100.0000
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 205 206 207 208 209 210 211 212 213 214 215 217 218 220 221 222 221 222 221 222 222 223 224 225 226 227 227 228 228 229 220 221 221 221 222 222 223 224 225 227 227 228 229 229 229 229 229 229 229 229 229	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 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		\$ 2,000	475000			\$10,000	\$10,000 \$10,000 \$15,000 \$1,00
3306 3206 3306 3306 3306 3306 3306 3306	202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 219 221 221 222 221 222 222 223 224 225 226 227 227 228 229 220 221 221 221 221 221 222 222 223 224 225 226 227 227 228 228 228 228 228 228 228 228	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 Equipment Rentals Contract Labor & Services Wellste Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Colf Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig Supprotal		\$ 2,000	475000			\$10,000   10	\$10,000 \$10,000 \$15,000 \$15,000 \$275,000 \$3,500,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$15,000 \$1
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 205 206 207 208 209 210 211 212 213 214 215 217 218 220 221 222 221 222 221 222 222 223 224 225 226 227 227 228 228 229 220 221 221 221 222 222 223 224 225 227 227 228 229 229 229 229 229 229 229 229 229	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 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 Coll Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig Suprotal Completion Rig Suprotal Suprotal Completion Rig Suprotal Completion Rig Suprotal Completion Rig		\$ 2,000	475000			\$10,000	\$10,000 \$10,000 \$15,000 \$1,000
3306 3206 3306 3306 3306 3306 3306 3306	202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 219 221 221 222 221 222 222 223 224 225 226 227 227 228 229 220 221 221 221 221 221 222 222 223 224 225 226 227 227 228 228 228 228 228 228 228 228	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 Equipment Rentals Contract Labor & Services Wellste Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Colf Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig Supprotal		\$ 2,000	475000		では、 では、 では、 では、 では、 では、 では、 では、	\$10,000	\$10,000 \$10,000 \$15,000 \$15,000 \$275,000 \$3,500,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$15,000 \$1
\$306 \$306 \$306 \$306 \$306 \$306 \$306 \$306	202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 219 221 221 222 221 222 222 223 224 225 226 227 227 228 229 220 221 221 221 221 221 222 222 223 224 225 226 227 227 228 228 228 228 228 228 228 228	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 Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellste Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coll Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig  SUBTOTAL INTANGIBLE COMPLETION COSTS SUB-TOTAL INTANGIBLE COMPLETION COSTS	S	\$ 2,000	475000		では、 では、 では、 では、 では、 では、 では、 では、	\$10,000   10,000   10,000   15	\$10,000 \$10,000 \$1,000
\$306 \$306 \$306 \$306 \$306 \$306 \$306 \$306	202 203 204 205 205 206 209 209 210 211 212 213 214 215 216 217 221 221 222 221 222 223 224 225 227 229	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 Evaluation Tubular Inspection Equipment Rentals Contract Labor & Services Wellste Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coll Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig  SUBTOTAL INTANGIBLE COMPLETION COSTS SUB-TOTAL INTANGIBLE COMPLETION COSTS	S	\$ 2,000	475000	\$2,801.	を	\$10,000   10,000   10,000   15,000   120,000   120,000   120,000   120,000   15,000	\$10,000 \$10,000 \$15,000 \$15,000 \$2,75,000 \$3,500,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$15
\$306 \$306 \$306 \$306 \$306 \$306 \$306 \$306	202 203 204 205 205 205 207 209 209 211 211 212 213 214 215 216 217 221 222 221 222 222 223 224 227 228	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 Evaluation Tubular Inspection Eguipment Rentals Contract Labor & Services Wellste Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Colf Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig  SUBTOTAL CONTINGENCY (%) SUB-TOTAL INTANGIBLE COMPLETION COSTS SUB-TOTAL INTANGIBLE COMPLETION COSTS DESCRIPTION	S	\$ 2,000	475000	\$2,801.	を	\$10,000	\$10,000 \$10,000 \$15,000 \$15,000 \$275,000 \$200,000 \$15,000 \$200,000 \$15,000 \$200,000 \$15,000 \$200,000 \$15,000 \$200,000 \$15,000 \$200,000 \$15,000 \$200,000 \$15,000 \$200,
3306 3206 3306 3306 3306 3306 3306 3306	202 203 204 205 205 207 208 209 211 212 213 214 215 216 217 220 221 218 220 221 221 222 221 223 229 220 220 220 230 240 240 250 250 260 260 260 260 260 260 260 260 260 26	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 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 Coll Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig  SUBTOTAL INTANGIBLE COMPLETION COSTS SUB-TOTAL INTANGIBLE COMPLETION COSTS DESCRIPTION Drive Pipe Conductor Casing Surface Casing	S.	\$ 2,000 1,35	475000 0	\$2,801.	1	\$10,000   10,000   10,000   15,000   120,000   120,000   120,000   15,000	\$10,000 \$10,000 \$45,000 \$25,000 \$275,000 \$20,000 \$2
3306 3306 3306 3306 3306 3306 3306 3306	202 203 204 205 205 207 208 209 210 211 211 213 214 212 218 219 220 221 221 222 223 224 225 227 227 227 227 228 229 227 227 227 227 227 227 227 227 227	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 Estimulatin Acid Frac Formation Estimulation Tubular Inspection Equipment Rentals Contract Labor & Services Wellstle Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Overhead Water & Water Well Unanticipated MajExp Fishing Coll Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig  Subrotal Completion Rig  Subrotal LIMANGIBLE DRIVETING COST  DESCRIPTION Drive Pipe Conductor Casing Surface Casing Intermediate Casing	S 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	\$ 2,000 \$ 1,35 \$ - \$ - \$ - \$ - \$ -	475000 0 Units	\$2,801,	を表現しています。 ・	\$10,000	1510.000 100.000 1510.0000 1510.00000 1510.00000 1510.00000 1510.00000 1510.00000 1510.00000 1510.0000000000
3306 3306 3306 3306 3306 3306 3306 3306	202 203 204 205 205 205 205 205 205 205 205 205 205	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 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 Coll Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig Substant	S	\$ 2,000 1,35	475000 0 Units	\$2,801. \$2,801.	864	\$10,000   10,000   10,000   15	\$10,000 \$10,000 \$1,0
8306 8306 8306 8306 8306 8306 8306 8306	202 203 204 205 205 207 208 210 211 211 211 212 213 212 213 214 212 220 221 221 222 223 224 227 227 227 227 227 227 227 227 227	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 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 Coll Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig Sub-Total Intanciale Completion Costs Sub-Total Intanciale Completion Costs Sub-Total Intanciale Completion Costs Sub-Total Intanciale Completion Costs Description Drive Pipe Conductor Casing Surface Casing Intermediate Casing Intermediate Casing Intermediate Casing Subs Fit Egpt Centralizers Etc	S	\$ 2,000 \$ 1,35 \$ - \$ - \$ - \$ - \$ -	475000 0 Units	\$2,801,	The state of the	\$10,000   10,000   10,000   15,000   120,000   120,000   120,000   120,000   15,000	\$10,000 \$10,000 \$45,000 \$25,000 \$275,000 \$3,500,000 \$120,000 \$120,000 \$120,000 \$15,000 \$5,00
\$306 \$306 \$306 \$306 \$306 \$306 \$306 \$306	202 203 204 205 205 207 208 209 211 212 213 215 216 217 218 219 220 221 217 218 219 220 221 219 220 221 211 218 219 220 221 211 218 221 221 221 221 221 221 221	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 Tubular Inspection Equipment Rentals Contract Labor & Services Wellsite Consultant Company Supervision & Labor Transportation Mud Cuttings & Water Disposal Insurance Dverhead Water & Water Well Unanticipated MajExp Fishing Coll Tubing Services Misc Supplies & Materials Flowback Testing Legal & Permits Environmental & Safety Costs Plugging Completion Rig Sub-Total Intransible Completion Costs Sub-Total Intransible Confliction Costs Description Dirice Pipe Conductor Casing Surface Casing Intermediate Casing Intermediate Casing Subs Surface Equipment	<b>S</b>	\$ 2,000 \$ 1,35 \$ - \$ - \$ - \$ - \$ -	475000 0 Units	\$2,801, \$2,801,		\$10,000   10,000   10,000   15	\$10,000 \$10,000 \$1,000 \$1,000 \$1,000 \$1,000 \$275,000 \$20,000 \$20,000 \$1,000
3306 3306 3306 3306 3306 3306 3306 3306	202 203 204 205 205 207 208 209 210 211 213 214 215 216 217 222 221 222 223 224 225 226 227 227 228 229 220 231 241 241 241 241 241 241 241 241 241 24	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 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 Subrotal Intraksible Control Subrotal Intraksible Control Subrotal Intraksible Control Subrotal Intraksible Control Drive Pipe Conductor Casing Surface Casing Intermediate Casing Intermediate Casing Intermediate Casing Intermediate Casing Spool	S	\$ 2,000 \$ 1,35 \$ - \$ - \$ - \$ - \$ -	475000 0 Units	\$2,801, \$2,801,		\$10,000   10,000   10,000   15	\$10,000 \$10,000 \$1,000 \$1,000 \$1,000 \$1,000 \$2,75,000 \$1,0

8309 401 8309 402	DESCRIPTION		Rate	Units	BENDAN ENGLISHED TO ENGLISH	COMPLETION	TOTAL WELL
	Production Casing		· ·	0	SERVICE AND ADDRESS OF THE PARTY OF THE PART	320,000	<b>国际外的</b> 企业
9309 TVA			- 3 -		Water St. Box and Const.		
	Tubing		<del></del>	+			Color Inc. Area
<del>5309 403</del>	Subs Fit Egot Centralizers Etc	<del></del>		<del></del>	36 P. C.		
8309 404	Sub Surface Equipment			<del></del>	OCCUPANT DESIGNATION OF THE PERSON OF THE PE	30,000	With the second
6309 405	Xmas Tree Upper Section			-l	DESTRUCTION CONTRACTOR	60,000	
8309 406	Outside Operated Other			<del></del>	THE PARTY OF THE PARTY OF THE PARTY OF	of Learney trade of the St. St.	70.00
	<del></del>			<del></del>	ļ <u></u>		
	SUB-TOTAL TANGIBLE COMPLETION	COSTS				\$444,000	<b>\$4</b>
	SUB-TOTAL TANGIBLE COSTS				\$265,000	\$444,000	\$7
	SUB-TOTAL INTANGIBLE & TANGIBLE	E COSTS			\$3,066,864	\$5,520,250	\$8,5
450 C. 140	PRODUCTION EQUIPM		19 g 19 g 1 g	1,11 (2) 14	AND THE REPORT OF THE PARTY OF	CONSTRUCTION CONTROL	Section of the Sta
1312 23 2.3 1 1	TRODUCTION EQUIT	ILIT COULD			ranger of Record Services (Artist Control		10 m
					ZSC (Complete participant)	COMPLETION	TOTAL WELL
8311 501	Artificial Lift Equipment	<del></del>			Principality of the continues.	\$15,000	<b>新教教</b>
8311 502	Prime Mover Electric Gas				PROPERTY AND ACCOUNTS OF THE PROPERTY OF THE P		<b>的第一大概</b>
8311 503	Sales Gathering Line				中国的人们的一种企业的企业。 1988年(1987年)————————————————————————————————————		The state of the s
8311 504	Separation Equipment				高級的"在阿尔思斯的特征。"大學的一種資	50,000	<b>种别数对外3个3的</b>
8311 505	Oil Treating Heating Equipme				。 1985年1987年日 李祖等和李祖等的王白·李宗王和皇皇		20年 中国 1000 日本日
8311 506	Gas Treating Dehy Equipmen	ıt			THE STATE OF THE S	13. c	THE PARTY OF
8311 507	Tanks				多方針近十九克爾特勒。西京大学 高和森特林教育	70,000	20年後を10年10日
8311 508	Meters				是自然被对对中央的第三人称为自由的企业的。		ENGLISHED TO
8311 509	Electrical Equip Install				BLASSO WIFE IS TWO STATES A STATE		water of the second
8311 510					CONTRACTOR STREAMS SELVEN COLUMNS		A 1.672 W.
8311 511	Flowlines	<del></del>			A PERSONAL PROPERTY.	50,000	the designation of
8311 512	Labor				Christian Company (1997) And Com-	130,000	TOTAL STATE OF STATE
8311 513	Trucks Hauling Transportatio				SEASTRANDA BEBRELLES AND SALV	130,000	MANAGE CONTRACTOR
8311 514	Buildings	<del></del>					
8311 515	Roads & Locations					10,000	AGENT STREET
8311 516	Manifolds & Headers					15,000	
8311 517	Chemical Injection System					15,000	CARL LIN
8311 518	Piping & Valves					50,000	2 1 2 2 4 1 CM
	Welding					50,000	7.5
						- +	
8311 520		<del></del>	<del></del>		The second second second second	5,000	the Parket Str.
8311 521	Filters	<del></del>			[64] [64] [24] [4] [4] [4] [4] [4] [4] [4] [4] [4] [		ass forming said
8311 522	Outside Operated Other				APPROXIMENTAL PROPERTY OF CHARLES		The property of
8311 523	Environmental & Safety				。 12. 12. 12. 12. 12. 12. 12. 12. 12. 12.	10,000	
8311 524	Engineering Supervision				Compression of the second seco	30,000	introducing the sec-
8311 525	Surface Facilities				\$250 Performance And Annual A	15,000	<b>"我就是我们的</b> "
	<del>}</del>				<del></del>	1	<u> </u>
	SUB-TOTAL PRODUCTION EQUIPM	ENT				\$525,000	\$
	SUB-TOTAL INTANGIBLE COSTS (F	PAGE 1)			\$2,801,864	\$5,076,250	\$7,
		<del></del>					
	SUB-TOTAL TANGIBLE COSTS (PA				\$265,000		
	<u> </u>	GRAND TOTAL			\$3,066,864	\$6,045,250	\$9,
		LESS OUTSIDE IN	TERESTS		\$3,066,864	\$6,045,250	\$9,
	1						
	<del></del>	TOTAL NET COSTS	<u> </u>		\$0		
	i e					<del> </del>	<del> </del>
							<u> </u>
	erator: Costs shown on this form are n will be required to perform the propo		s should not consider	these estimate	is as establishing any limit		
on monles which		osed operation.	s should not consider	these estimate			
		osed operation.		these estimate	GROSS AFE AMOUNT - DRY HOLE		
on monles which		osed operation.	DATE	these estimati			
on monles which		osed operation.		these estimato	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT		
on monies which		osed operation.	DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS		
on monles which PREPARED BY APPROVED		osed operation.	DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE		
on monies which		osed operation.	DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS		
on monles which PREPARED BY APPROVED		osed operation.	DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED		
on monles which PREPARED BY  APPROVED  APPROVED		osed operation.	DATE  DATE	these estimato	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE		
on monles which PREPARED BY APPROVED		osed operation.	DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED		
on monles which PREPARED BY  APPROVED  APPROVED		osed operation.	DATE  DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED		
on monles which PREPARED BY  APPROVED  APPROVED		osed operation.	DATE  DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED		
on monles which PREPARED BY  APPROVED  APPROVED	will be required to perform the propo	osed operation.	DATE  DATE	these estimati	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED		
on monles which PREPARED BY  APPROVED  APPROVED	will be required to perform the propo	APPROVAL	DATE  DATE	these estimati	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED TOTAL CASH OUTLAY		\$3,
on monles which PREPARED BY  APPROVED  APPROVED	will be required to perform the propo	osed operation.	DATE  DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED		\$3
on monles which PREPARED BY  APPROVED  APPROVED	will be required to perform the propo	APPROVAL	DATE  DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED TOTAL CASH OUTLAY		\$3
on monles which PREPARED BY  APPROVED  APPROVED	will be required to perform the propo	APPROVAL	DATE  DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED TOTAL CASH OUTLAY		\$3
on monles which PREPARED BY  APPROVED  APPROVED	will be required to perform the propo	APPROVAL	DATE  DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED TOTAL CASH OUTLAY		\$3
on monles which PREPARED BY  APPROVED  APPROVED	will be required to perform the propo	APPROVAL	DATE  DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED TOTAL CASH OUTLAY		\$3
on monles which PREPARED BY  APPROVED  APPROVED	will be required to perform the propo	APPROVAL	DATE  DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED TOTAL CASH OUTLAY		\$3
on monles which PREPARED BY  APPROVED  APPROVED	will be required to perform the propo	APPROVAL	DATE  DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED TOTAL CASH OUTLAY		\$3,
on monles which PREPARED BY  APPROVED  APPROVED	will be required to perform the propo	APPROVAL	DATE  DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED TOTAL CASH OUTLAY		\$3,
on monles which PREPARED BY  APPROVED  APPROVED	will be required to perform the propo	APPROVAL	DATE  DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED TOTAL CASH OUTLAY		\$3,
on monles which PREPARED BY  APPROVED  APPROVED	will be required to perform the propo	APPROVAL	DATE  DATE	these estimate	GROSS AFE AMOUNT - DRY HOLE NET DRYHOLE AFE AMOUNT NET ASSET TRANSFERS CASH OUTLAY THIS AFE PREVIOUS AFE'S ISSUED TOTAL CASH OUTLAY		\$3