<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

Signature:

Title:

Date:

Printed Name:

Email Address:

Electronically filed by Matthew Alley

Phone: 303-513-0990

Chief Financial Officer

10/13/2022

malley@silverbackexp.com

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

## **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505**

Form C-101 August 1, 2011

Permit 326787

		APPLIC/	I NOITA	FOR PERMIT	TO DRILL, RE-	ENTER, DEEPEI	N, PLUGBA	CK, OR AD	DAZO	NE	
Silv	me and Address erback Operating I	I, LLC								RID Number 330968	
	0 West, Suite 201 Antonio, TX 7825	7							3. API	Number 30-015-5007	76
4. Property Cod			5. Proper	rty Name					6. Wel		
333	3447			Margaret						102H	
					7. Sur	face Location					
UL - Lot	Section	Township		Range	Lot Idn	Feet From	N/S Line	Feet From	1	E/W Line	County
Р	23	1	8S	26E		952	S		111	Е	Eddy
					8. Proposed E	Sottom Hole Locatio	n				
UL - Lot	Section	Township	1	Range	Lot Idn	Feet From	N/S Line	Feet Fron	1	E/W Line	County
М	23	18	BS	26E	M	1006	S		100	W	Eddy
					9. Pod	I Information					
ATOKA;GLOF	RIETA-YESO									3250	
					Additional	Well Information					
11. Work Type		12. Well T	уре		13. Cable/Rotary		14. Lease Type 15. Ground Level Elevation				
Nev	w Well		OIL	-			Private		3302		
16. Multiple		17. Propos				19. Contra	19. Contractor		20. Spud Date		
N			9047		Yeso		- I			31/2022	
Depth to Groun	nd water				Distance from neares	t fresh water well		Dista	nce to nea	rest surface water	
X We will be ≀	using a closed-loo	p system in lie	eu of line	ed pits				ı			
					21. Proposed Cas	ing and Cement Pro	ogram				
Туре	Hole Size	Casing	Size		sing Weight/ft	Setting De		Sacks o	f Cement		Estimated TOC
Surf	12.25	9.6	25		36	1250		2	75		0
Prod	8.75	7			32	3627			42		0
Prod	8.75	5.	5		20	9047		14	168		2400
				Ca	sing/Cement Prog	ıram: Additional Co	mments				
					22. Proposed Blov	vout Prevention Pro	gram				
	Туре			Wor	king Pressure		Test Pre	ssure		Mar	nufacturer
	Double Ram				5000		500	0		SH	IAFFER
11 1						1		011 0011055		DII (IQIQI)	
	certify that the infor	mation given a	bove is t	rue and comple	te to the best of my	′		OIL CONSER	VATION	DIVISION	
knowledge a	na pellet. i <b>fy I have complie</b> e	1 with 19 15 1	1 Q (Δ) N	MAC Mand/or	19 15 14 9 (R) NM	AC					
X, if applicat		a witti 13.15.11	7.5 (A) N	MAS Manu/O	13.13.14.3 (D) NW						
, upp.ioui											

Approved By:

Approved Date:

Conditions of Approval Attached

Title:

Katherine Pickford

Expiration Date: 10/18/2024

Geoscientist

10/18/2022

District I

1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210

Phone: (575) 748-1283 Fax: (575) 748-9720

District III

1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico

Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		
<sup>30-015</sup> <b>50076</b>		3250	)	
<sup>4</sup> Property Code			operty Name	<sup>6</sup> Well Number
333447		MA	RGARET	102H
<sup>7</sup> OGRID No.		8 O <sub>I</sub>	perator Name	<sup>9</sup> Elevation
330968		SILVERBACK	OPERATING II, LLC	3,302'

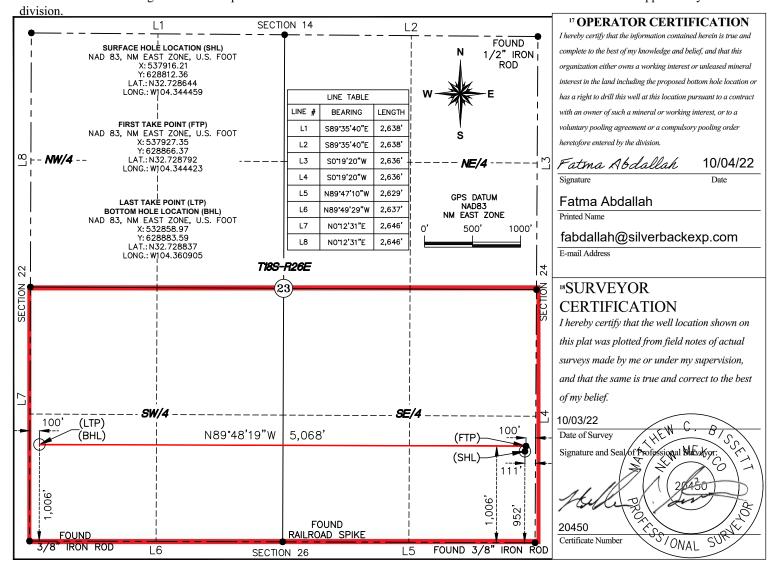
#### <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
Р	23	18-S	26-E		952'	SOUTH	111'	EAST	EDDY	

#### <sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
М	23	18-S	26-E		1,006'	SOUTH	100'	WEST	EDDY
12 Dedicated Acres	dicated Acres <sup>13</sup> Joint or Infill <sup>14</sup> Consolid		Consolidation	Code 15 Or	der No.				
320									

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the



<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

Form APD Comments

Permit 326787

#### PERMIT COMMENTS

Operator Name and Address:	API Number:
Silverback Operating II, LLC [330968]	30-015-50076
IH10 West, Suite 201	Well:
San Antonio, TX 78257	Margaret #102H

Created By	Comment	Comment Date
kpickford	Defining well	10/18/2022
knickford	Defining well 30-015-50074 MARGARET #202H	10/18/2022

Form APD Conditions

Permit 326787

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

#### PERMIT CONDITIONS OF APPROVAL

Operator N	ame and Address:	API Number:
	Silverback Operating II, LLC [330968]	30-015-50076
	IH10 West, Suite 201	Well:
	San Antonio, TX 78257	Margaret #102H
OCD	Condition	
Reviewer		
London Lake and	N. St. COD CALL	

OCD	Condition
Reviewer	
kpickford	Notify OCD 24 hours prior to casing & cement
kpickford	Will require a File As Drilled C-102 and a Directional Survey with the C-104
kpickford	The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud
	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
kpickford	Cement is required to circulate on both surface and intermediate1 strings of casing
	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system

### State of New Mexico Energy, Minerals and Natural Resources Department

Submit Electronically Via E-permitting

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

## NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

## Section 1 – Plan Description <u>Effective May 25, 2021</u>

I. Operator:	Silverback Operating II, LLC			OGRID:	330968	Date:	10 / 04 / 2022	
II. Type: ☒ C	riginal 🗆	Amendment	due to □ 19.15.27.	9.D(6)(a) NMA	C □ 19.15.27.9.D(	(6)(b) NMAC □	Other.	
If Other, please	e describe:							
			ormation for each or connected to a c			wells proposed to	be drilled or proposed to	
Well Na	me	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D	
See attached ta	ible							
	be recomp				ew or recompleted entral delivery poin  Completion Commencement	nt. Initial I		
See attached ta	ble							
VI. Separation Equipment:   Attach a complete description of how Operator will size separation equipment to optimize gas capture.  VII. Operational Practices:   Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.  VIII. Best Management Practices:   Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.								

production volume from the well prior to the date of first production.

for which confidentiality is asserted and the basis for such assertion.

☐ Attach Operator's plan to manage production in response to the increased line pressure.

## Section 2 – Enhanced Plan EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section. I Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area. IX. Anticipated Natural Gas Production: Well API Anticipated Average Anticipated Volume of Natural Natural Gas Rate MCF/D Gas for the First Year MCF X. Natural Gas Gathering System (NGGS): ULSTR of Tie-in Anticipated Gathering Available Maximum Daily Capacity Operator System Start Date of System Segment Tie-in XI. Map.  $\square$  Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected. XII. Line Capacity. The natural gas gathering system  $\square$  will  $\square$  will not have capacity to gather 100% of the anticipated natural gas

XIII. Line Pressure. Operator  $\square$  does  $\square$  does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

**XIV.** Confidentiality: 

Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information

Page 2 of 4

# Section 3 - Certifications Effective May 25, 2021

	Effective May 25, 2021
Operator certifies that, a	after reasonable inquiry and based on the available information at the time of submittal:
one hundred percent of	to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering
hundred percent of the a into account the current	able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. box, Operator will select one of the following:
Well Shut-In. □ Opera D of 19.15.27.9 NMAC	tor will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection; or
	lan. □ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential es for the natural gas until a natural gas gathering system is available, including:
(a)	power generation on lease;
(b)	power generation for grid;
(c)	compression on lease;
(d)	liquids removal on lease;
(e)	reinjection for underground storage;
(f)	reinjection for temporary storage;
(g)	reinjection for enhanced oil recovery;
(h)	fuel cell production; and
(i)	other alternative beneficial uses approved by the division.

## **Section 4 - Notices**

- 1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:
- (a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or
- (b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.
- 2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature: Jaton Maller
Printed Name: Fatma Abdallah
Title: Regulatory Manager
E-mail Address: fabdallah@silverbackexp.com
Date: 10/04/2022
Phone: 210-585-3316
OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)
Approved By:
Title:
Approval Date:
Conditions of Approval:

## III. Wells

Well Name	<u>API</u>	<u>ULSTR</u>	<u>Footages</u>	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Margaret 101H	30-15	P-23-18S-26E	111' FEL & 912' FSL	515	800	3000
Margaret 201H	30-15	P-23-18S-26E	111' FEL & 932' FSL	515	800	3000
Margaret 102H	30-15	P-23-18S-26E	111' FEL & 952' FSL	515	800	3000
Margaret 202H	30-15	P-23-18S-26E	111' FEL & 972' FSL	515	800	3000

## V. Anticipated Schedule

Well Name	<u>API</u>	Spud date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Margaret 101H	30-15	12/1/2022	12/9/2022	1/17/2023	2/23/2023	2/23/2023
Margaret 201H	30-15	12/11/2022	12/20/2022	1/17/2023	2/23/2023	2/23/2023
Margaret 102H	30-15	12/22/2022	12/30/2022	1/27/2023	2/23/2023	2/23/2023
Margaret 202H	30-15	1/1/2023	1/9/2023	1/27/2023	2/23/2023	2/23/2023

#### **Separation Equipment**

Silverback Operating II (LLC) has sampled existing producing wells and performed laboratory testing to determine composition. Performance of existing producing wells was analyzed to predict expected production volumes including a low probably, high volume production case (approximately 75% higher than type curve or most likely amount of production). Production composition and the volumes were utilized as inputs to a process model which predicts relative amounts of gas, oil and water throughout the process. The high volume case was used to size equipment, piping and instrumentation. Equipment sizing is based on drop settlement and limits the amount of carry over to the gas phase.

Each well has a dedicated 3 phase separator and gas from that separator is taken directly to gas sales. Facility piping and pipeline were sized to allow peak volumes to flow with minimal pressure loss and deliver to midstream gatherer at an acceptable pressure. Water is conveyed directly to tankage.

Oil from 3 phase separators is comingled and conveyed to a heated separator for enhanced liquid-liquid separation and degassing. Vapors from the heater treater are routed to a Vapor Recovery Unit (VRU).

Oil and water storage tanks vapor outlets are common and utilize a closed vent vapor system to ensure all working & breathing and flashing losses are routed to the Vapor Recovery Unit (VRU) Site VRUs are sized to accommodate peak expected production volume. Flash volumes were estimated using the high volume case and process modeling software. Gas from the VRU outlet is combined with 1st stage separation gas and sent to sales.

#### **Venting and Flaring**

Silverback Operating II, LLC will ensure pipeline connectivity before producing hydrocarbons and will operate a closed vent vapor capture system that is designed to capture all associated and evolved gas during normal operation. Venting or flaring will only occur during start up and shut down, maintenance activities or equipment failure or upset. Silverback may utilize the following from list A-I of Section 3 for its operations to minimize flaring:

- a) Power generation on lease Natural gas driven gen set to produce power required to run supply well pad electrical loads
- c) Compression on lease gas lift or gas compression as required
- d) Liquids removal on lease gas pressure will be used to convey fluids as needed

#### **Best Management Practices**

Silverback utilizes automate engineering controls included in facility design to minimize venting and flaring. Additionally, operational best practices support minimization of flare and venting as described below.

If the main gas outlet becomes unavailable and pressure increases on the outlet sales line, produced gas will be routed directly to the facility flare. The facility control system will alert personnel to the need for maintenance and appropriate response to the temporary flaring event.

The facility design includes a closed vent vapor capture system to route flash or evolved from the heater treater and tanks to the Vapor Recovery Unit (VRU) Compressor. If the VRU requires planned or unplanned maintenance, vapors will automatically be routed to the facility flare.

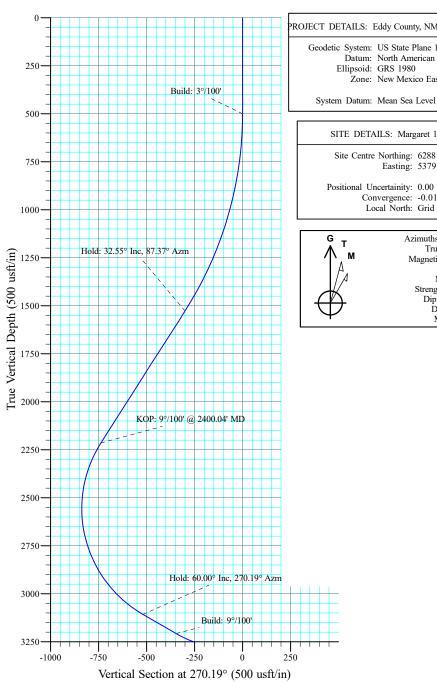
For maintenance activities, Silverback will utilize the facility flare to blowdown equipment and piping whenever practical to minimize venting

## **Silverback Exploration**



Margaret 102H Eddy County, NM (NAD 83 NME) Job No. WT-22-\*\*\* Plan 0.1





PROJECT DETAILS: Eddy County, NM (NAD 83 NME) Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: New Mexico Eastern Zone

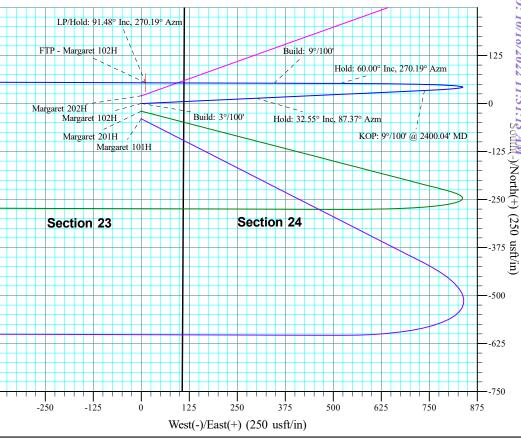
SITE DETAILS: Margaret 102H

Site Centre Northing: 628812.36 Easting: 537916.21

Positional Uncertainity: 0.00 Convergence: -0.01 Local North: Grid

> Azimuths to Grid North True North: 0.019 Magnetic North: 6.87° Magnetic Field

Strength: 47645.0nT Dip Angle: 60.38° Date: 10/4/2022 Model: MVHD



	SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	Build: 3°/100'	
3	1584.86	32.55	87.37	1527.45	13.77	299.60	3.00	87.37	-299.56	Hold: 32.55° Inc, 87.37° Azm	
4	2400.04	32.55	87.37	2214.62	33.90	737.69	0.00	0.00	-737.57	KOP: 9°/100' @ 2400.04' MD	
5	3427.96	60.00	270.19	3107.92	52.28	519.10	9.00	-177.55	-518.92	Hold: 60.00° Inc, 270.19° Azm	
6	3627.96	60.00	270.19	3207.92	52.87	345.90	0.00	0.00	-345.72	Build: 9°/100'	
7	3977.74	91.48	270.19	3293.00	54.01	11.14	9.00	0.00	-10.96	LP/Hold: 91.48° Inc, 270.19° Azm	
8	9047.85	91.48	270.19	3162.00	71.23	-5057.24	0.00	0.00	5057.45	PBHL	

		DE	ESIGN TARGE	T DETAILS			
Name LTP/BHL - Margaret 102H FTP - Margaret 102H	TVD 3162.00 3293.00	+N/-S 71.23 54.01	+E/-W -5057.24 11.14	Northing 628883.59 628866.37	Easting 532858.97 537927.35	Latitude 32° 43' 43.813 N 32° 43' 43.652 N	Longitude 104° 21' 39.257 W 104° 20' 39.922 W



# Silverback Exploration

Margaret 102H Eddy County, NM (NAD 83 NME) Job No. WT-22-\*\*\* Plan 0.1



SECTION DETAILS											
Sec 1	MD 0.00	Inc 0.00	Azi 0.00	TVD 0.00	+N/-S 0.00	+E/-W 0.00	Dleg 0.00	TFace 0.00	VSect 0.00	Target	Annotation
2	500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00		Build: 3°/100'
3	1584.86	32.55	87.37	1527.45	13.77	299.60	3.00	87.37	-299.56		Hold: 32.55° Inc, 87.37° Azm
4	2400.04	32.55	87.37	2214.62	33.90	737.69	0.00	0.00	-737.57		KOP: 9°/100' @ 2400.04' MD
5	3427.96	60.00	270.19	3107.92	52.28	519.10	9.00	-177.55	-518.92		Hold: 60.00° Inc, 270.19° Azm
6	3627.96	60.00	270.19	3207.92	52.87	345.90	0.00	0.00	-345.72		Build: 9°/100'
7	3977.74	91.48	270.19	3293.00	54.01	11.14	9.00	0.00	-10.96	FTP - Margaret 102H	LP/Hold: 91.48° Inc, 270.19° Azm
8	9047.85	91.48	270.19	3162.00	71.23	-5057.24	0.00	0.00	5057.45	LTP/BHL - Margaret 102H	PBHL

SITE DETAILS: Margaret 102H

Site Centre Northing: 628812.36

Easting: 537916.21

Positional Uncertainity: 0.00 Convergence: -0.01 Local North: Grid

PROJECT DETAILS: Eddy County, NM (NAD 83 NME

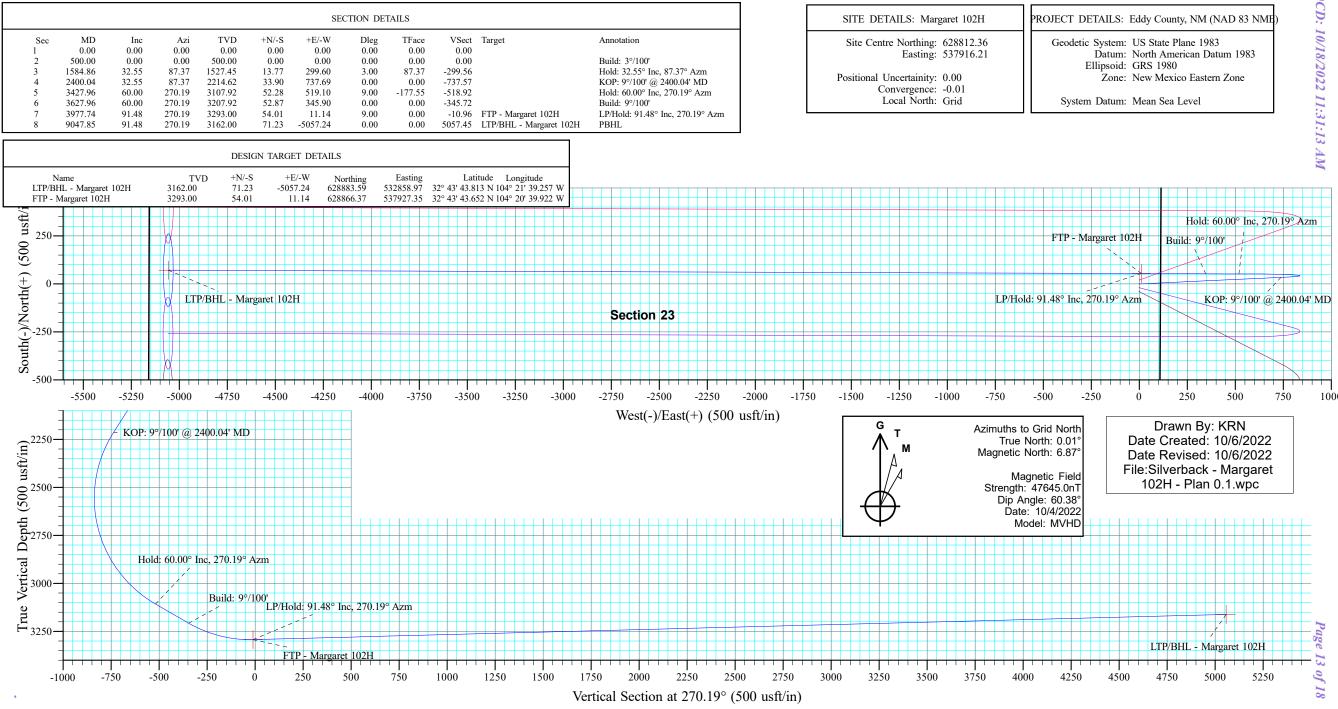
Geodetic System: US State Plane 1983

Datum: North American Datum 1983

Ellipsoid: GRS 1980

Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level



# Silverback Exploration

Eddy County, NM (NAD 83 NME) Margaret 102H Margaret 102H

**Planning** 

Plan: Plan 0.1

# **Standard Planning Report**

05 October, 2022

#### Planning Report

Database: Company: Project:

EDM 5000.15 Single User Db

Silverback Exploration Eddy County, NM (NAD 83 NME)

Site: Margaret 102H Well: Margaret 102H Wellbore: Planning Design: Plan 0.1

Local Co-ordinate Reference:

**TVD Reference:** MD Reference: North Reference:

**Survey Calculation Method:** 

Site Margaret 102H

Well @ 3318.00usft (16' KB) Well @ 3318.00usft (16' KB)

Minimum Curvature

**Project** 

Eddy County, NM (NAD 83 NME)

Map System: Geo Datum:

US State Plane 1983 North American Datum 1983 New Mexico Eastern Zone

System Datum:

Mean Sea Level

Map Zone: Site

Margaret 102H

Site Position: From:

Мар **Position Uncertainty:** 

Northing: Easting: 0.00 usft Slot Radius: 628,812.36 usft 537,916.21 usft 13-3/16 "

Latitude: Longitude: **Grid Convergence:** 

32.728644 -104.344459

-0.01°

Well

**Well Position** 

Margaret 102H

0.00 usft +N/-S 0.00 usft +E/-W

Northing: Easting:

628,812.36 usft 537,916.21 usft

Latitude: Longitude:

32.728644 -104.344459

**Position Uncertainty** 

0.00 usft Wellhead Elevation: **Ground Level:** 

3,302.00 usft

Wellbore

**Planning** 

Plan 0.1

**Magnetics Model Name** Sample Date **MVHD** 10/4/2022 Declination (°) 6.87 **Dip Angle** (°) 60.38 Field Strength (nT)

47.644.979

Design

**Audit Notes:** 

Version:

Phase:

**PLAN** 

Tie On Depth:

0.00

Vertical Section:

Depth From (TVD) (usft)

0.00

+N/-S (usft) 0.00

+E/-W (usft) 0.00

Direction (°) 270.19

**Plan Survey Tool Program** 

(usft)

**Depth From** 

Depth To (usft)

Survey (Wellbore)

Date 10/5/2022

**Tool Name** 

Remarks

1

0.00

9,047.85 Plan 0.1 (Planning)

MWD+HRGM

OWSG MWD + HRGM

Plan Section	าร									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.000	0.000	0.000	0.00	
1,584.86	32.55	87.37	1,527.45	13.77	299.60	3.000	3.000	0.000	87.37	
2,400.04	4 32.55	87.37	2,214.62	33.90	737.69	0.000	0.000	0.000	0.00	
3,427.96	60.00	270.19	3,107.92	52.28	519.10	9.000	2.671	-17.236	-177.55	
3,627.96	60.00	270.19	3,207.92	52.87	345.90	0.000	0.000	0.000	0.00	
3,977.74	4 91.48	270.19	3,293.00	54.01	11.14	9.000	9.000	0.000	0.00	FTP - Margaret 102
9,047.85	5 91.48	270.19	3,162.00	71.23	-5,057.24	0.000	0.000	0.000	0.00	LTP/BHL - Margare

**Planning Report** 

Database: Company: Project: EDM 5000.15 Single User Db

Silverback Exploration Eddy County, NM (NAD 83 NME) Margaret 102H

Site: Margaret 102H
Well: Margaret 102H
Wellbore: Planning
Design: Plan 0.1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

**Survey Calculation Method:** 

Site Margaret 102H

Well @ 3318.00usft (16' KB) Well @ 3318.00usft (16' KB)

Grid

Minimum Curvature

sigii.	Flaii U. I								
anned Survey	У								
Measure Depth (usft)	ed Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0. 100. 200. 300. 400.	0.00 0.00 0.00	0.00 0.00 0.00	0.00 100.00 200.00 300.00 400.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000
500.		0.00	500.00	0.00	0.00	0.00	0.000	0.000	0.000
Build: 3									
600. 700. 800. 900.	00 6.00 00 9.00	87.37 87.37	599.95 699.63 798.77 897.08	0.12 0.48 1.08 1.92	2.61 10.45 23.49 41.69	-2.61 -10.45 -23.49 -41.68	3.000 3.000 3.000 3.000	3.000 3.000 3.000 3.000	0.000 0.000 0.000 0.000
1,000. 1,100. 1,200. 1,300. 1,400.	00 18.00 00 21.00 00 24.00	87.37 87.37 87.37	994.31 1,090.18 1,184.43 1,276.81 1,367.06	2.99 4.29 5.82 7.58 9.56	65.01 93.38 126.72 164.94 207.94	-65.00 -93.36 -126.70 -164.92 -207.91	3.000 3.000 3.000 3.000 3.000	3.000 3.000 3.000 3.000 3.000	0.000 0.000 0.000 0.000 0.000
1,500. 1,584.	86 32.55	87.37	1,454.93 1,527.45	11.75 13.77	255.60 299.60	-255.56 -299.56	3.000 3.000	3.000 3.000	0.000 0.000
	2.55° Inc, 87.37°								
1,600. 1,700. 1,800.	00 32.55	87.37	1,540.22 1,624.51 1,708.81	14.14 16.61 19.08	307.74 361.48 415.22	-307.69 -361.43 -415.16	0.000 0.000 0.000	0.000 0.000 0.000	0.000 0.000 0.000
1,900. 2,000. 2,100. 2,200. 2,300.	00 32.55 00 32.55 00 32.55	87.37 87.37 87.37	1,793.10 1,877.40 1,961.70 2,045.99 2,130.29	21.55 24.02 26.49 28.96 31.43	468.96 522.70 576.44 630.18 683.93	-468.89 -522.62 -576.35 -630.09 -683.82	0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000
2,400.	04 32.55	87.37	2,214.62	33.90	737.69	-737.57	0.000	0.000	0.000
	°/100' @ 2400.04		_,						
2,450. 2,500. 2,550. 2,600.	00 28.05 00 23.56 00 19.07	86.96 86.41 85.62	2,257.74 2,302.75 2,349.31 2,397.16	35.14 36.39 37.64 38.88	762.86 784.58 802.71 817.12	-762.74 -784.46 -802.58 -816.99	9.000 9.000 9.000 9.000	-8.991 -8.987 -8.982 -8.971	-0.817 -1.100 -1.583 -2.513
2,650. 2,700. 2,750. 2,800. 2,850.	00 5.68 00 1.67 00 3.72	76.06 37.33 290.17	2,445.99 2,495.51 2,545.40 2,595.36 2,645.09	40.11 41.32 42.49 43.63 44.72	827.74 834.49 837.34 836.26 831.26	-827.60 -834.35 -837.19 -836.11 -831.11	9.000 9.000 9.000 9.000 9.000	-8.946 -8.862 -8.021 4.093 8.733	-4.678 -11.919 -77.463 -214.321 -22.838
2,900. 2,950. 3,000. 3,050. 3,100.	00 17.02 00 21.51 00 26.01	273.74 272.78 272.14	2,694.27 2,742.60 2,789.79 2,835.54 2,879.57	45.77 46.75 47.68 48.53 49.31	822.37 809.66 793.19 773.07 749.42	-822.22 -809.50 -793.03 -772.90 -749.25	9.000 9.000 9.000 9.000 9.000	8.922 8.963 8.978 8.985 8.989	-6.774 -3.251 -1.925 -1.286 -0.929
3,150. 3,200. 3,250. 3,300. 3,350.	00 39.49 00 43.99 00 48.49	271.03 270.80 270.60	2,921.61 2,961.40 2,998.70 3,033.28 3,064.91	50.01 50.62 51.15 51.59 51.94	722.39 692.14 658.86 622.76 584.06	-722.22 -691.97 -658.69 -622.59 -583.89	9.000 9.000 9.000 9.000 9.000	8.992 8.993 8.995 8.995 8.996	-0.710 -0.567 -0.468 -0.397 -0.346
3,400. 3,427.	96 60.00	270.19	3,093.41 3,107.92	52.19 52.28	543.00 519.10	-542.82 -518.92	9.000 9.000	8.996 8.997	-0.307 -0.283
	0.00° Inc, 270.19								
3,500. 3,600. 3,627.	00 60.00	270.19	3,143.94 3,193.94 3,207.92	52.50 52.79 52.87	456.71 370.11 345.90	-456.54 -369.93 -345.72	0.000 0.000 0.000	0.000 0.000 0.000	0.000 0.000 0.000

**Planning Report** 

Database: Company: Project: EDM 5000.15 Single User Db

Silverback Exploration Eddy County, NM (NAD 83 NME)

Site: Margaret 102H
Well: Margaret 102H
Wellbore: Planning
Design: Plan 0.1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

**Survey Calculation Method:** 

Site Margaret 102H

Well @ 3318.00usft (16' KB) Well @ 3318.00usft (16' KB)

Grid

Minimum Curvature

Depth   Inclination   Azimuth   Cust)   Cust	esigii.	i iaii U. i								
Depth   Inclination   Azimuth   Depth   (usft)	Diamand Cumray									
Depth   Inclination   Azimuth   Cyr   Cyr   Usift)   Us	Planned Survey									
Depth   Inclination   Azimuth   Cyr   Cyr   Useft)   Us										_
Build: 9/100*   C										Turn
Build: 9*/100*  3,850.00 61.98 270.19 3,218.61 52.94 326.62 326.45 9.000 9.000 3,750.00 66.48 270.19 3,246.34 53.09 281.61 -281.43 9.000 9.000 3,750.00 70.98 270.19 3,256.84 53.25 235.02 -234.85 9.000 9.000 3,800.00 75.48 270.19 3,256.84 53.25 235.02 -234.85 9.000 9.000 3,800.00 75.48 270.19 3,283.51 53.58 138.32 -138.14 9.000 9.000 3,950.00 84.48 270.19 3,283.51 53.58 138.32 -138.14 9.000 9.000 3,950.00 88.98 270.19 3,293.11 53.92 38.88 -38.70 9.000 9.000 3,957.74 91.48 270.19 3,293.11 53.92 38.88 -38.70 9.000 9.000 4,000.00 91.48 270.19 3,293.84 54.43 -111.07 111.25 0.000 0.000 4,100.00 91.48 270.19 3,283.88 54.43 -111.07 111.25 0.000 0.000 4,200.00 91.48 270.19 3,283.88 54.76 -211.04 21.22 0.000 0.000 4,500.00 91.48 270.19 3,282.94 55.40 -311.01 311.19 0.000 0.000 4,500.00 91.48 270.19 3,282.95 55.44 -410.97 411.5 0.000 0.000 4,500.00 91.48 270.19 3,282.95 55.44 -410.97 411.5 0.000 0.000 4,500.00 91.48 270.19 3,282.95 55.44 -410.97 411.5 0.000 0.000 4,500.00 91.48 270.19 3,282.96 55.40 -410.97 411.5 0.000 0.000 4,500.00 91.48 270.19 3,282.96 55.42 -410.97 411.5 0.000 0.000 4,500.00 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 4,500.00 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 4,500.00 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 4,500.00 91.48 270.19 3,285.96 56.12 -610.90 611.09 0.000 0.000 5,000.00 91.48 270.19 3,285.95 56.12 -610.90 611.09 0.000 0.000 5,000.00 91.48 270.19 3,285.95 56.12 -610.90 611.09 0.000 0.000 5,000.00 91.48 270.19 3,285.95 56.12 -610.90 611.09 0.000 0.000 5,000.00 91.48 270.19 3,285.95 56.12 -610.90 611.09 0.000 0.000 5,000.00 91.48 270.19 3,285.95 56.12 -610.90 611.09 0.000 0.000 5,000.00 91.48 270.19 3,285.95 56.12 -610.90 611.09 0.000 0.000 5,000.00 91.48 270.19 3,285.95 56.12 -610.90 610.00 0.000 0.000 5,000.00 91.48 270.19 3,285.95 56.12 -610.90 610.00 0.000 0.000 5,000.00 91.48 270.19 3,285.95 56.12 -610.90 610.00 0.000 0.000 5,000.00 91.48 270.19 3,285.95 56.80 -810.80 81.00 0.000 0.000 5,000.00 91.48 270.19 3,285.95 56.80 -810.80 81.00 0.000 0	•									Rate
Build: 97400	(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(°/100ft)	(°/100ft)	(°/100ft)
3,650.00 61.98 270.19 3,218.61 52.94 326.62 -326.45 9.000 9.000 3,700.00 60.48 270.19 3,240.34 53.09 281.61 -281.43 9.000 9.000 3,700.00 70.98 270.19 3,258.47 53.25 235.02 -236.45 9.000 9.000 9.000 3,800.00 75.48 270.19 3,258.47 53.25 53.61 167.16 -186.98 9.000 9.000 9.000 3,800.00 75.48 270.19 3,222.89 53.41 187.16 -186.98 9.000 9.000 9.000 3,800.00 75.48 270.19 3,293.51 53.58 187.16 -186.98 9.000 9.000 9.000 3,950.00 84.98 270.19 3,293.51 53.95 88.79 -88.61 9.000 9.00										
3,700.00 66.48 270.19 3,284.034 53.09 281.61 -281.43 9.000 9.000 3,700.00 79.88 270.19 3,258.47 53.25 235.02 -234.85 9.000 9.000 3,800.00 79.48 270.19 3,227.89 53.41 187.16 -186.98 9.000 9.000 9.000 3,805.00 79.98 270.19 3,229.26 53.75 88.79 -88.61 9.000 9.000 9.000 3,900.00 84.48 270.19 3,293.00 54.01 11.14 -10.96 9.000 9.000 3,977.74 91.48 270.19 3,293.00 54.01 11.14 -10.96 9.000 9.000 9.000 3,977.74 91.48 270.19 3,293.00 54.01 11.14 -10.96 9.000 9.000 9.000 9.000 91.48 270.19 3,293.00 54.01 11.14 -10.96 9.000 9.000 9.000 91.48 270.19 3,293.84 54.43 -111.07 111.25 0.000 0.000 9.000 91.48 270.19 3,293.84 54.43 -111.07 111.25 0.000 0.000 9.000 91.48 270.19 3,293.84 54.43 -111.07 111.25 0.000 0.000 91.48 270.19 3,282.96 54.76 -211.04 211.22 0.000 0.000 91.48 270.19 3,282.96 55.44 -410.97 411.15 0.000 0.000 91.48 270.19 3,282.96 55.44 -410.97 411.15 0.000 0.000 91.48 270.19 3,282.96 55.44 -410.97 411.15 0.000 0.000 91.48 270.19 3,276.95 55.12 -311.01 311.19 0.000 0.000 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,276.95 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,266.59 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,266.59 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,266.59 56.12 -610.90 611.09 0.000 0.000 91.48 270.19 3,266.59 56.84 -1.10.73 1,110.92 0.000 0.000 91.48 270.19 3,266.59 56.85 64.66 -710.87 7,110.50 0.000 0.000 91.48 270.19 3,266.59 56.85 64.66 -710.87 7,110.00 91.48 270.19 3,256.55 58.84 -1.10.73 1,110.92 0.000 0.000 91.48 270.19 3,256.55 58.84 -1.10.07 1,100.95 0.000 0.000 91.48 270.19 3,256.65 58.84 -1.10.07 1,100.05 0.000 0.000 91.	Build: 9°/10	)0'								
3,700.00 66.48 270.19 3,284.034 53.09 281.61 -281.43 9.000 9.000 3,700.00 75.48 270.19 3,258.47 53.25 235.02 -234.85 9.000 9.000 3,800.00 75.48 270.19 3,227.89 53.41 187.16 -186.98 9.000 9.000 9.000 3,800.00 75.48 270.19 3,283.51 53.58 188.79 -88.61 9.000 9.000 9.000 3,900.00 84.48 270.19 3,283.51 133.92 -138.14 9.000 9.000 9.000 3,900.00 84.48 270.19 3,293.00 54.01 11.14 -10.96 9.000 9.000 9.000 3,977.74 91.48 270.19 3,293.00 54.01 11.14 -10.96 9.000	3 650 00	61 98	270 19	3 218 61	52 94	326 62	-326 45	9 000	9 000	0.000
3,750.00 79.98 270.19 3,258.47 53.25 235.02 -224.85 9.000 9.000 3,800.00 75.48 270.19 3,272.89 53.41 187.16 -186.98 9.000 9.000 9.000 3,850.00 79.98 270.19 3,228.35 53.58 138.32 -138.14 9.000 9.000 9.000 3,950.00 84.48 270.19 3,293.11 53.52 38.88 -36.70 9.000 9.148 270.19 3,289.45 54.09 9.111.11 11.29 0.000 0.000 9.000 9.000 9.148 270.19 3,289.67 55.10 9.30 9.310.11 9.11 9.000 0.000 9.000 9.148 270.19 3,284.67 55.10 9.310.11 9.311.19 0.000 0.000 9.000 9.148 270.19 3,289.00 55.44 4.10.97 411.15 0.000 0.000 9.000 9.148 270.19 3,279.51 55.78 5.10.94 51.11 0.000 0.000 0.000 9.148 270.19 3,279.51 55.78 5.10.94 51.11 0.000 0.000 0.000 9.148 270.19 3,279.52 55.78 5.10.94 51.11 0.000 0.000 0.000 9.148 270.19 3,274.17 55.800 9.10.84 811.02 0.000 0.000 9.148 270.19 3,269.59 57.48 -1.10.97 11.10.5 0.000 0.000 9.148 270.19 3,269.59 57.48 -1.10.97 11.10.10.95 0.000 0.000 9.148 270.19 3,269.59 57.48 -1.10.97 11.10.95 0.000 0.000 5.000 9.148 270.19 3,269.59 57.48 -1.10.97 11.10.95 0.000 0.000 5.000 9.148 270.19 3,269.59 57.48 -1.10.97 11.10.95 0.000 0.000 5.500.00 91.48 270.19 3,269.59 57.48 -1.10.97 11.10.95 0.000 0.000 5.500.00 91.48 270.19 3,258.58 68 5.000 91.000 91.000 0.000 91.48 270.19 3,258.58 68 5.000 91.000 91.000 0.000 91.48 270.19 3,258.58 68 5.000 91.000 91.000 0.000 0.000 5.500.00 91.48 270.19 3,258.58 68 5.000 91.000 91.000 0.000 0.000 91.48 270.19 3,258.58 68 5.000 91.000 91.000 0.000 0.000 91.48 270.19 3,258.58 68 68 -1.10.000 91.48 270.19 3,258.58 60.000 91.000 91.000 91.000 91.48 270.19 3,258.58 68 68 -1.10.000 9										0.000
3,800.00 75.48 270.19 3,227.89 53.41 187.16 -186.98 9.000 9.000 9.000 3,800.00 79.98 270.19 3,283.51 53.58 183.92 -138.14 9.000 9.000 9.000 3,900.00 84.48 270.19 3,283.51 53.58 187.9 -88.61 9.000 9.000 9.000 3,900.00 88.98 270.19 3,293.00 84.01 11.14 -10.96 9.000	3,700.00									0.000
3,850.00 79.98 270.19 3,283.51 53.58 138.32 -138.14 9.000 9.000 3,900 3,900.00 84.48 270.19 3,293.01 53.92 38.88 -38.70 9.000 9.000 9.000 3,977.74 91.48 270.19 3,293.00 54.01 11.14 -10.96 9.000 9.000 9.000 1.000 91.48 270.19 3,293.00 54.01 11.14 -10.96 9.0000 9.00										0.000
3,900.00 84.48 270.19 3,290.26 53.75 88.79 88.61 9.000 9.000 3,977.74 91.48 270.19 3,293.00 54.01 11.14 -10.96 9.000 9.0										0.000
3,950.00 88.98 270.19 3,293.11 53.92 38.88 38.70 9.000 9.000 9.000      1,148	3,030.00		270.19	3,203.31	33.36	130.32	-130.14	9.000	9.000	0.000
3,950.00 88.98 270.19 3,293.11 53.92 38.88 38.70 9.000 9.000 9.000      Company	3,900.00	84.48	270.19	3,290.26	53.75	88.79	-88.61	9.000	9.000	0.000
Name	3,950.00		270.19	3,293.11		38.88	-38.70	9.000		0.000
4,000.0 91.48 270.19 3,283.4 54.09 -11.11 11.29 0.000 0.000 4,100.00 91.48 270.19 3,289.84 54.43 -111.07 111.25 0.000 0.000 0.000 4,100.00 91.48 270.19 3,287.26 55.10 -311.01 311.19 0.000 0.000 4,400.00 91.48 270.19 3,282.09 55.44 -410.97 411.15 0.000 0.000 4,400.00 91.48 270.19 3,276.50 55.10 -311.01 311.19 0.000 0.000 4,400.00 91.48 270.19 3,276.95 55.10 -311.01 311.19 0.000 0.000 4,500.00 91.48 270.19 3,276.92 56.12 -610.90 611.09 0.000 0.000 4,600.00 91.48 270.19 3,276.92 56.12 -610.90 611.09 0.000 0.000 4,600.00 91.48 270.19 3,274.34 56.46 -710.87 711.05 0.000 0.000 4,800.00 91.48 270.19 3,274.34 56.46 -710.87 711.05 0.000 0.000 0.000 4,900.00 91.48 270.19 3,276.95 57.48 -1.010.77 1,010.95 0.000 0.000 5,000.00 91.48 270.19 3,269.17 57.14 -910.80 910.99 0.000 0.000 5,000.00 91.48 270.19 3,266.59 57.48 -1.010.77 1,010.95 0.000 0.000 5,000.00 91.48 270.19 3,266.59 57.48 -1.010.77 1,010.95 0.000 0.000 5,000.00 91.48 270.19 3,266.59 57.48 -1.010.77 1,010.95 0.000 0.000 5,000.00 91.48 270.19 3,264.05 57.28 1.110.73 1,110.92 0.000 0.000 5,000.00 91.48 270.19 3,264.05 57.28 1.110.73 1,110.92 0.000 0.000 5,000.00 91.48 270.19 3,264.05 58.84 -1.010.77 1,010.95 0.000 0.000 5,000.00 91.48 270.19 3,256.55 58.84 -1.410.63 1,410.82 0.000 0.000 5,500.00 91.48 270.19 3,256.55 58.84 -1.410.63 1,410.82 0.000 0.000 5,500.00 91.48 270.19 3,256.55 58.84 -1.410.63 1,410.82 0.000 0.000 5,500.00 91.48 270.19 3,256.55 58.84 -1.410.63 1,410.82 0.000 0.000 5,500.00 91.48 270.19 3,256.55 58.84 -1.410.63 1,410.82 0.000 0.000 5,500.00 91.48 270.19 3,256.55 68.84 -1.410.63 1,410.82 0.000 0.000 5,500.00 91.48 270.19 3,256.55 68.84 -1.410.85 1,410.85 0.000 0.000 0.000 5,500.00 91.48 270.19 3,256.55 68.84 -1.410.85 1,410.85 0.000 0.000 0.000 5,500.00 91.48 270.19 3,256.55 68.84 -1.410.85 1,410.85 0.000 0.000 0.000 5,500.00 91.48 270.19 3,256.55 68.84 -1.410.85 1,410.85 0.000	3,977.74									0.000
4,000.00 91.48 270.19 3,289.43 54.09 -11.11 11.29 0.000 0.000   4,100.00 91.48 270.19 3,289.84 54.3 -111.07 111.25 0.000 0.000   4,200.00 91.48 270.19 3,287.26 54.76 -211.04 211.22 0.000 0.000   4,300.00 91.48 270.19 3,284.67 55.10 -311.01 311.19 0.000 0.000   4,500.00 91.48 270.19 3,279.51 55.78 51.09 4 511.12 0.000 0.000   4,500.00 91.48 270.19 3,279.51 55.78 51.09 4 511.12 0.000 0.000   4,500.00 91.48 270.19 3,279.51 55.78 51.09 511.12 0.000 0.000   4,700.00 91.48 270.19 3,274.55 56.80 -710.87 711.05 0.000 0.000   4,700.00 91.48 270.19 3,274.55 56.80 -810.84 811.02 0.000 0.000   4,900.00 91.48 270.19 3,265.95 57.48 -1.010.77 1,010.95 0.000 0.000   5,000.00 91.48 270.19 3,266.95 57.48 -1.010.77 1,010.95 0.000 0.000   5,000.00 91.48 270.19 3,266.95 57.48 -1.010.77 1,010.95 0.000 0.000   5,000.00 91.48 270.19 3,266.95 57.48 -1.010.77 1,010.95 0.000 0.000   5,000.00 91.48 270.19 3,264.00 57.82 -1.110.73 1,110.95 0.000 0.000   5,000.00 91.48 270.19 3,256.40 57.82 -1.110.73 1,110.95 0.000 0.000   5,000.00 91.48 270.19 3,256.85 58.84 -1.410.87 1,310.85 0.000 0.000   5,000.00 91.48 270.19 3,255.87 59.18 -1.510.60 1,510.79 0.000 0.000   5,600.00 91.48 270.19 3,255.87 59.18 -1.510.60 1,510.79 0.000 0.000   5,600.00 91.48 270.19 3,255.87 59.18 -1.510.60 1,510.79 0.000 0.000   5,600.00 91.48 270.19 3,253.67 59.18 -1.510.60 1,510.79 0.000 0.000   5,600.00 91.48 270.19 3,245.95 59.86 -1.710.53 1,710.72 0.000 0.000   5,000.00 91.48 270.19 3,245.95 59.86 -1.710.53 1,710.72 0.000 0.000   6,000.00 91.48 270.19 3,245.95 60.86 -2.710.95 2,101.62 0.000 0.000   6,000.00 91.48 270.19 3,245.95 60.86 -2.710.95 2,101.62 0.000 0.000   6,000.00 91.48 270.19 3,245.95 60.86 -2.710.95 2,101.62 0.000 0.000   6,000.00 91.48 270.19 3,245.95 60.86 -2.710.95 2,101.62 0.000 0.000   6,000.00 91.48 270.19 3,240.75 60.88 -2.910.43 2,101.62 0.000 0.000   6,000.00 91.48 270.19 3,240.75 60.88 -2.910.43 2,101.62 0.000 0.000   6,000.00 91.48 270.19 3,240.75 60.88 -2.910.83 2,210.52 0.000 0.000   6,000.00 91.48 270.19 3,225.86 68 65.97 3,000.93 3,101.29										
4,100.00         91.48         270.19         3,289.84         54.43         -111.07         111.25         0.000         0.000           4,200.00         91.48         270.19         3,287.26         55.10         -311.01         311.19         0.000         0.000           4,400.00         91.48         270.19         3,282.09         55.44         -410.97         411.15         0.000         0.000           4,500.00         91.48         270.19         3,279.51         55.78         -510.94         511.12         0.000         0.000           4,600.00         91.48         270.19         3,274.34         56.46         -71.87         711.05         0.000         0.000           4,700.00         91.48         270.19         3,274.34         56.46         -71.87         711.05         0.000         0.000         0.000           4,900.00         91.48         270.19         3,265.95         57.48         -1,010.77         1,010.95         0.000         0.000           5,000.00         91.48         270.19         3,264.05         57.88         -1,110.73         1,110.92         0.000         0.000           5,000.00         91.48         270.19         3,264.25         58.18 </td <td></td> <td></td> <td></td> <td>3 292 43</td> <td>54 09</td> <td>-11 11</td> <td>11 29</td> <td>0.000</td> <td>0.000</td> <td>0.000</td>				3 292 43	54 09	-11 11	11 29	0.000	0.000	0.000
4,200.00         91.48         270.19         3,287.26         54.76         -211.04         211.22         0.000         0.000           4,300.00         91.48         270.19         3,284.67         55.10         -311.01         311.19         0.000         0.000           4,500.00         91.48         270.19         3,279.51         55.78         -510.94         511.12         0.000         0.000           4,600.00         91.48         270.19         3,276.92         56.12         -610.90         611.09         0.000         0.000           4,700.00         91.48         270.19         3,271.75         56.80         -710.87         711.05         0.000         0.000           4,900.00         91.48         270.19         3,266.51         57.44         -910.80         91.99         0.000         0.000           5,000.00         91.48         270.19         3,266.59         57.48         -1,010.77         1,010.95         0.000         0.000           5,200.00         91.48         270.19         3,266.59         57.48         -1,210.70         1,210.89         0.000         0.000           5,200.00         91.48         270.19         3,258.84         58.50         -1,310										0.000
4,300.00 9148 270.19 3,284.67 55.10 311.01 311.19 0,000 0,000 4,500.00 9148 270.19 3,276.92 56.12 610.94 611.09 0,000 0,000 0,000 4,500.00 91.48 270.19 3,276.92 56.12 610.90 611.09 0,000 0,000 0,000 4,700.00 91.48 270.19 3,274.34 56.46 710.87 711.05 0,000 0,000 0,000 4,700.00 91.48 270.19 3,274.34 56.46 710.87 711.05 0,000 0,000 0,000 4,900.00 91.48 270.19 3,274.34 56.46 -710.87 711.05 0,000 0,000 0,000 4,900.00 91.48 270.19 3,266.59 57.48 -1,010.77 1,010.95 0,000 0,000 5,000.00 91.48 270.19 3,266.59 57.48 -1,010.77 1,010.95 0,000 0,000 5,000.00 91.48 270.19 3,266.59 57.48 -1,010.77 1,010.95 0,000 0,000 5,000.00 91.48 270.19 3,264.00 57.82 -1,110.73 1,110.92 0,000 0,000 5,300.00 91.48 270.19 3,264.00 57.82 -1,110.73 1,110.92 0,000 0,000 5,300.00 91.48 270.19 3,265.25 58.84 -1,410.63 1,410.82 0,000 0,000 5,500.00 91.48 270.19 3,256.25 58.84 -1,410.63 1,410.82 0,000 0,000 5,500.00 91.48 270.19 3,256.25 58.84 -1,410.63 1,410.82 0,000 0,000 5,500.00 91.48 270.19 3,255.67 59.18 -1,510.60 1,510.79 0,000 0,000 5,500.00 91.48 270.19 3,251.08 59.52 -1,610.57 1,610.75 0,000 0,000 5,500.00 91.48 270.19 3,245.92 60.20 -1,810.57 1,610.75 0,000 0,000 5,800.00 91.48 270.19 3,245.92 60.20 -1,810.50 1,810.69 0,000 0,000 5,800.00 91.48 270.19 3,245.92 60.20 -1,810.50 1,810.69 0,000 0,000 6,000.00 91.48 270.19 3,245.93 60.20 -1,810.50 1,810.69 0,000 0,000 6,000.00 91.48 270.19 3,245.93 60.20 -1,810.50 1,810.69 0,000 0,000 6,000.00 91.48 270.19 3,233.50 61.50 -2,210.36 2,210.55 0,000 0,000 6,000.00 91.48 270.19 3,233.50 61.50 -2,210.36 2,210.55 0,000 0,000 0,000 6,000.00 91.48 270.19 3,235.58 61.50 -2,210.36 2,210.55 0,000 0,000 6,000.00 91.48 270.19 3,235.58 61.50 -2,210.36 2,210.55 0,000 0,000 0,000 6,000.00 91.48 270.19 3,235.58 61.50 -2,210.36 2,210.55 0,000 0,000 0,000 6,000.00 91.48 270.19 3,235.58 61.50 -2,210.36 2,210.55 0,000 0,000 0,000 6,000.00 91.48 270.19 3,235.58 61.50 -2,210.36 2,210.55 0,000 0,000 0,000 6,000.00 91.48 270.19 3,225.25 62.92 -2,610.23 2,610.42 0,000 0,000 0,000 0,000 0,000 91.48 270.19 3,203.51 66.52	•									
4,400,00         91,48         270.19         3,282.09         55.48         -410.97         411.15         0.000         0.000           4,500,00         91,48         270.19         3,276.92         56.12         -610.90         611.09         0.000         0.000           4,700,00         91,48         270.19         3,274.34         56.46         -710.87         711.05         0.000         0.000           4,800,00         91,48         270.19         3,271.75         56.80         810.84         811.02         0.000         0.000           5,000,00         91,48         270.19         3,266.19         75.14         -910.80         910.99         0.000         0.000           5,000,00         91,48         270.19         3,266.59         57.48         -1,110.73         1,110.92         0.000         0.000           5,200,00         91,48         270.19         3,261.42         58.16         -1,210.70         1,210.89         0.000         0.000           5,300,00         91,48         270.19         3,256.25         58.84         -1,310.67         1,310.85         0.000         0.000           5,500,00         91,48         270.19         3,255.87         59.18         -1	,			-, -						0.000
4,500.00 91.48 270.19 3,279.51 55.78 -510.94 511.12 0.000 0.000 4,600.00 91.48 270.19 3,276.92 56.12 -610.90 611.09 0.000 0.000 4,600.00 91.48 270.19 3,274.34 56.46 -710.87 711.05 0.000 0.000 4,800.00 91.48 270.19 3,271.75 56.80 810.84 811.02 0.000 0.000 0.000 5,000.00 91.48 270.19 3,269.17 57.14 -910.80 910.99 0.000 0.000 5,000.00 91.48 270.19 3,266.59 57.48 -1,010.77 1,010.95 0.000 0.000 5,000.00 91.48 270.19 3,264.00 57.82 -1,110.73 1,110.92 0.000 0.000 5,000.00 91.48 270.19 3,264.00 57.82 -1,110.73 1,110.92 0.000 0.000 5,000.00 91.48 270.19 3,264.00 57.82 -1,110.73 1,110.92 0.000 0.000 5,000.00 91.48 270.19 3,265.59 57.48 -1,110.73 1,110.92 0.000 0.000 5,000.00 91.48 270.19 3,256.25 58.84 -1,110.67 1,310.85 0.000 0.000 5,000.00 91.48 270.19 3,256.25 58.84 -1,110.63 1,10.82 0.000 0.000 5,500.00 91.48 270.19 3,256.25 58.84 -1,110.63 1,10.82 0.000 0.000 5,500.00 91.48 270.19 3,251.08 59.52 -1,610.57 1,610.75 0.000 0.000 5,500.00 91.48 270.19 3,251.08 59.52 -1,610.57 1,610.75 0.000 0.000 5,500.00 91.48 270.19 3,245.92 60.20 -1,810.50 1,810.60 0.000 0.000 5,500.00 91.48 270.19 3,245.92 60.20 -1,810.50 1,810.60 0.000 0.000 5,500.00 91.48 270.19 3,245.92 60.20 -1,810.50 1,810.60 0.000 0.000 5,500.00 91.48 270.19 3,245.92 60.20 -1,810.50 1,810.60 0.000 0.000 6,000.00 91.48 270.19 3,245.92 60.20 -1,810.50 1,810.60 0.000 0.000 6,000.00 91.48 270.19 3,233.00 61.90 -2,210.33 2,310.52 0.000 0.000 6,000.00 91.48 270.19 3,233.00 61.90 -2,310.33 2,310.52 0.000 0.000 6,000.00 91.48 270.19 3,233.00 61.90 -2,310.33 2,310.52 0.000 0.000 6,000.00 91.48 270.19 3,235.68 61.56 -2,210.36 2,10.55 0.000 0.000 6,000 91.48 270.19 3,233.00 61.90 -2,310.33 2,310.52 0.000 0.000 6,000 91.48 270.19 3,232.55 62.92 -2,610.23 2,610.42 0.000 0.000 6,000 91.48 270.19 3,220.66 63.26 -2,710.19 2,710.39 0.000 0.000 6,000 91.48 270.19 3,220.86 63.60 -2,810.16 2,810.35 0.000 0.000 6,000 91.48 270.19 3,220.86 63.60 -2,810.16 2,810.35 0.000 0.000 7,000 91.48 270.19 3,220.86 63.60 -2,810.16 3,810.25 0.000 0.000 7,000 91.48 270.19 3,201.66 65.99 -3,909.9										0.000
4,600.00         91.48         270.19         3,276.92         56.12         -610.90         611.09         0.000         0.000           4,700.00         91.48         270.19         3,271.75         56.80         -810.84         811.02         0.000         0.000           4,900.00         91.48         270.19         3,266.59         57.48         -1,010.77         1,010.95         0.000         0.000           5,000.00         91.48         270.19         3,264.00         57.82         -1,110.73         1,110.92         0.000         0.000           5,000.00         91.48         270.19         3,264.00         57.82         -1,110.73         1,110.92         0.000         0.000           5,200.00         91.48         270.19         3,268.62         58.16         -1,210.70         1,210.89         0.000         0.000           5,400.00         91.48         270.19         3,256.25         58.84         -1,410.63         1,410.82         0.000         0.000           5,500.00         91.48         270.19         3,245.90         59.18         -1,510.50         1,510.79         0.000         0.000           5,700.00         91.48         270.19         3,245.92         60.20										0.000
4,700.00         91.48         270.19         3,274.34         56.46         -710.87         711.05         0.000         0.000           4,800.00         91.48         270.19         3,271.75         56.80         -810.84         811.02         0.000         0.000           5,000.00         91.48         270.19         3,266.59         57.48         -1,010.77         1,010.95         0.000         0.000           5,000.00         91.48         270.19         3,266.59         57.48         -1,110.73         1,110.92         0.000         0.000           5,200.00         91.48         270.19         3,268.50         57.82         -1,110.73         1,110.92         0.000         0.000           5,200.00         91.48         270.19         3,258.84         58.50         -1,310.67         1,310.85         0.000         0.000           5,300.00         91.48         270.19         3,258.68         58.50         -1,310.67         1,310.85         0.000         0.000           5,500.00         91.48         270.19         3,251.08         59.52         -1,610.57         1,610.79         0.000         0.000           5,800.00         91.48         270.19         3,243.50         59.86	4,500.00									0.000
4,800.00 91.48 270.19 3,271.75 56.80 -810.84 811.02 0.000 0.000 4,900.00 91.48 270.19 3,266.59 57.48 -1,010.77 1,010.95 0.000 0.000 5,000.00 91.48 270.19 3,266.59 57.48 -1,010.77 1,010.95 0.000 0.000 5,100.00 91.48 270.19 3,264.00 57.82 -1,110.73 1,110.95 0.000 0.000 5,000.00 91.48 270.19 3,264.00 57.82 -1,110.73 1,110.95 0.000 0.000 5,300.00 91.48 270.19 3,258.84 58.50 -1,310.67 1,210.89 0.000 0.000 5,300.00 91.48 270.19 3,256.25 58.84 -1,410.63 1,410.82 0.000 0.000 5,500.00 91.48 270.19 3,256.25 58.84 -1,410.63 1,410.82 0.000 0.000 5,600.00 91.48 270.19 3,256.25 58.84 -1,1510.60 1,510.79 0.000 0.000 5,600.00 91.48 270.19 3,251.08 59.52 -1,610.57 1,610.75 0.000 0.000 5,600.00 91.48 270.19 3,245.92 60.20 -1,810.50 1,810.89 0.000 0.000 5,800.00 91.48 270.19 3,245.92 60.20 -1,810.50 1,810.89 0.000 0.000 6,000.00 91.48 270.19 3,243.33 60.54 -1,910.46 1,910.55 0.000 0.000 6,000.00 91.48 270.19 3,243.33 60.54 -1,910.46 1,910.55 0.000 0.000 6,000.00 91.48 270.19 3,238.17 61.22 -2,110.40 2,110.59 0.000 0.000 6,000.00 91.48 270.19 3,233.01 61.22 -2,110.40 2,110.59 0.000 0.000 6,000.00 91.48 270.19 3,233.01 61.90 -2,310.33 2,310.52 0.000 0.000 6,000.00 91.48 270.19 3,235.58 61.56 -2,210.36 2,210.55 0.000 0.000 6,000.00 91.48 270.19 3,223.55 8 61.56 -2,210.36 2,210.55 0.000 0.000 6,000.00 91.48 270.19 3,223.81 61.22 -2,110.40 2,110.59 0.000 0.000 6,000.00 91.48 270.19 3,223.81 61.90 -2,310.33 2,310.52 0.000 0.000 6,000.00 91.48 270.19 3,227.83 62.58 -2,510.26 2,510.45 0.000 0.000 6,000.00 91.48 270.19 3,227.83 62.58 -2,510.26 2,510.45 0.000 0.000 6,000.00 91.48 270.19 3,227.83 62.58 -2,510.26 2,510.45 0.000 0.000 6,000.00 91.48 270.19 3,227.83 62.58 -2,510.26 2,510.45 0.000 0.000 6,000.00 91.48 270.19 3,227.83 62.58 -2,510.26 2,510.45 0.000 0.000 7,000.00 91.48 270.19 3,227.83 62.58 -2,510.26 2,510.45 0.000 0.000 7,000.00 91.48 270.19 3,227.83 62.58 -2,510.26 2,510.45 0.000 0.000 7,000.00 91.48 270.19 3,220.08 63.60 -2,810.16 2,810.35 0.000 0.000 7,000.00 91.48 270.19 3,220.45 65.97 -3,509.99 3,310.19 0.000 0.000 7,000.0	4,600.00	91.48	270.19	3,276.92	56.12	-610.90	611.09	0.000	0.000	0.000
4,800.00         91.48         270.19         3,271.75         56.80         -810.84         811.02         0.000         0.000           4,900.00         91.48         270.19         3,266.59         57.48         -1,010.77         1,010.95         0.000         0.000           5,000.00         91.48         270.19         3,264.00         57.82         -1,110.73         1,110.95         0.000         0.000           5,200.00         91.48         270.19         3,258.40         57.82         -1,110.73         1,110.95         0.000         0.000           5,200.00         91.48         270.19         3,258.25         58.84         -1,210.70         1,210.89         0.000         0.000           5,500.00         91.48         270.19         3,258.25         58.84         -1,310.67         1,210.85         0.000         0.000           5,500.00         91.48         270.19         3,258.25         58.84         -1,410.63         1,410.82         0.000         0.000           5,600.00         91.48         270.19         3,248.50         59.86         -1,710.53         1,710.72         0.00         0.000           5,800.00         91.48         270.19         3,243.33         60.54 <td><u> 4</u> 700 00</td> <td>Q1 //Q</td> <td>270 10</td> <td>3 274 34</td> <td>56.46</td> <td><b>-</b>710 87</td> <td>711 05</td> <td>0.000</td> <td>0 000</td> <td>0.000</td>	<u> 4</u> 700 00	Q1 //Q	270 10	3 274 34	56.46	<b>-</b> 710 87	711 05	0.000	0 000	0.000
4,900.00         91.48         270.19         3,269.17         57.14         -910.80         910.99         0.000         0.000           5,000.00         91.48         270.19         3,266.59         57.48         -1,110.73         1,110.92         0.000         0.000           5,000.00         91.48         270.19         3,261.42         58.16         -1,210.70         1,210.89         0.000         0.000           5,200.00         91.48         270.19         3,258.84         58.50         -1,310.67         1,310.85         0.000         0.000           5,400.00         91.48         270.19         3,258.84         58.50         -1,310.67         1,310.85         0.000         0.000           5,500.00         91.48         270.19         3,253.67         59.18         -1,510.60         1,510.79         0.000         0.000           5,600.00         91.48         270.19         3,248.50         59.86         -1,710.53         1,710.72         0.000         0.000           5,700.00         91.48         270.19         3,243.33         60.54         -1,910.46         1,910.65         0.000         0.000           5,800.00         91.48         270.19         3,243.33         60.54 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.000</td> <td>0.000</td>									0.000	0.000
5,000,00         91,48         270,19         3,266,59         57,48         -1,010,77         1,010,95         0,000         0,000           5,100,00         91,48         270,19         3,264,00         57,82         -1,110,73         1,110,92         0,000         0,000           5,200,00         91,48         270,19         3,258,84         58,50         -1,310,67         1,310,85         0,000         0,000           5,500,00         91,48         270,19         3,258,62         58,84         -1,410,63         1,410,82         0,000         0,000           5,500,00         91,48         270,19         3,253,67         59,18         -1,510,60         1,510,79         0,000         0,000           5,600,00         91,48         270,19         3,224,50         59,86         -1,710,53         1,710,72         0,000         0,000           5,700,00         91,48         270,19         3,245,92         60,20         -1,810,50         1,810,69         0,000         0,000           5,800,00         91,48         270,19         3,243,33         60,54         -1,910,46         1,910,65         0,000         0,000           6,000,00         91,48         270,19         3,234,75         60,8										0.000
5,100.00         91.48         270.19         3,264.00         57.82         -1,110.73         1,110.92         0.000         0.000           5,200.00         91.48         270.19         3,261.42         58.16         -1,210.70         1,210.89         0.000         0.000           5,300.00         91.48         270.19         3,258.25         58.84         -1,310.63         1,310.85         0.000         0.000           5,500.00         91.48         270.19         3,255.87         59.18         -1,510.60         1,510.79         0.000         0.000           5,600.00         91.48         270.19         3,251.08         59.52         -1,610.57         1,610.75         0.000         0.000           5,700.00         91.48         270.19         3,248.50         59.86         -1,710.53         1,710.72         0.000         0.000           5,800.00         91.48         270.19         3,248.50         59.86         -1,710.53         1,710.72         0.000         0.000           5,900.00         91.48         270.19         3,248.50         69.88         -2,010.50         1,810.69         0.000         0.000           6,000.00         91.48         270.19         3,233.87         60.8										
5,200.00         91.48         270.19         3,261.42         58.16         -1,210.70         1,210.89         0.000         0.000           5,300.00         91.48         270.19         3,258.84         58.50         -1,310.67         1,310.85         0.000         0.000           5,400.00         91.48         270.19         3,253.67         59.18         -1,510.60         1,510.79         0.000         0.000           5,500.00         91.48         270.19         3,253.67         59.18         -1,510.60         1,510.79         0.000         0.000           5,600.00         91.48         270.19         3,245.92         60.20         -1,610.57         1,610.75         0.000         0.000           5,800.00         91.48         270.19         3,245.92         60.20         -1,810.50         1,810.69         0.000         0.000           5,900.00         91.48         270.19         3,243.33         60.54         -1,910.46         1,910.65         0.000         0.000           6,000.00         91.48         270.19         3,235.58         61.56         -2,210.43         2,010.62         0.000         0.000           6,200.00         91.48         270.19         3,235.58         61.5										0.000
5,300.00         91.48         270.19         3,258.84         58.50         -1,310.67         1,310.85         0.000         0.000           5,400.00         91.48         270.19         3,256.25         58.84         -1,410.63         1,410.82         0.000         0.000           5,500.00         91.48         270.19         3,251.08         59.52         -1,610.57         1,610.75         0.000         0.000           5,700.00         91.48         270.19         3,245.92         60.20         -1,810.50         1,810.69         0.000         0.000           5,800.00         91.48         270.19         3,245.92         60.20         -1,810.50         1,810.69         0.000         0.000           5,900.00         91.48         270.19         3,245.92         60.20         -1,810.50         1,810.69         0.000         0.000           6,000.00         91.48         270.19         3,243.33         60.54         -1,910.46         1,910.65         0.000         0.000           6,000.00         91.48         270.19         3,235.58         61.56         -2,210.40         2,110.59         0.000         0.000           6,200.00         91.48         270.19         3,235.58         61.5	5,100.00	91.40	270.19	3,264.00	37.62	-1,110.73	1,110.92		0.000	0.000
5,400.00         91.48         270.19         3,256.25         58.84         -1,410.63         1,410.82         0.000         0.000           5,500.00         91.48         270.19         3,253.67         59.18         -1,510.60         1,510.79         0.000         0.000           5,600.00         91.48         270.19         3,248.50         59.86         -1,710.53         1,710.72         0.000         0.000           5,800.00         91.48         270.19         3,245.92         60.20         -1,810.50         1,810.65         0.000         0.000           5,900.00         91.48         270.19         3,243.33         60.54         -1,910.46         1,910.65         0.000         0.000           6,000.00         91.48         270.19         3,238.17         61.22         -2,110.40         2,110.59         0.000         0.000           6,100.00         91.48         270.19         3,235.88         61.56         -2,210.36         2,210.55         0.000         0.000           6,200.00         91.48         270.19         3,235.86         61.56         -2,210.36         2,210.55         0.000         0.000           6,200.00         91.48         270.19         3,233.00         61.9	5,200.00			3,261.42	58.16	-1,210.70	1,210.89			0.000
5,500.00         91.48         270.19         3,253.67         59.18         -1,510.60         1,510.79         0.000         0.000           5,600.00         91.48         270.19         3,251.08         59.52         -1,610.75         0.000         0.000           5,700.00         91.48         270.19         3,248.50         59.86         -1,710.53         1,710.72         0.000         0.000           5,800.00         91.48         270.19         3,245.92         60.20         -1,810.50         1,810.69         0.000         0.000           5,900.00         91.48         270.19         3,240.75         60.88         -2,010.46         1,910.65         0.000         0.000           6,100.00         91.48         270.19         3,235.78         61.22         -2,110.40         2,110.59         0.000         0.000           6,200.00         91.48         270.19         3,235.58         61.56         -2,210.36         2,210.55         0.000         0.000           6,300.00         91.48         270.19         3,230.41         62.24         -2,410.29         2,410.49         0.000         0.000           6,500.00         91.48         270.19         3,227.83         62.58         -2,510.	5,300.00	91.48	270.19	3,258.84	58.50	-1,310.67	1,310.85	0.000	0.000	0.000
5,600.00         91.48         270.19         3,251.08         59.52         -1,610.57         1,610.75         0.000         0.000           5,700.00         91.48         270.19         3,248.50         59.86         -1,710.53         1,710.72         0.000         0.000           5,900.00         91.48         270.19         3,245.92         60.20         -1,810.50         1,810.69         0.000         0.000           6,000.00         91.48         270.19         3,245.92         60.20         -1,810.50         1,810.69         0.000         0.000           6,000.00         91.48         270.19         3,240.75         60.88         -2,010.43         2,010.62         0.000         0.000           6,100.00         91.48         270.19         3,235.58         61.56         -2,210.36         2,210.55         0.000         0.000           6,300.00         91.48         270.19         3,230.41         62.24         -2,410.29         2,410.49         0.000         0.000           6,500.00         91.48         270.19         3,225.25         62.92         -2,610.26         2,510.45         0.000         0.000           6,600.00         91.48         270.19         3,222.66         63.2	5,400.00	91.48	270.19	3,256.25	58.84	-1,410.63	1,410.82	0.000	0.000	0.000
5,700.00         91.48         270.19         3,248.50         59.86         -1,710.53         1,710.72         0.000         0.000           5,800.00         91.48         270.19         3,245.92         60.20         -1,810.50         1,810.69         0.000         0.000           5,900.00         91.48         270.19         3,240.75         60.88         -2,010.43         2,010.62         0.000         0.000           6,000.00         91.48         270.19         3,238.17         61.22         -2,110.40         2,110.59         0.000         0.000           6,200.00         91.48         270.19         3,235.58         61.56         -2,210.36         2,210.55         0.000         0.000           6,300.00         91.48         270.19         3,233.00         61.90         -2,310.33         2,310.52         0.000         0.000           6,400.00         91.48         270.19         3,223.03         61.90         -2,310.33         2,310.52         0.000         0.000           6,500.00         91.48         270.19         3,225.25         62.92         -2,610.23         2,610.45         0.000         0.000           6,700.00         91.48         270.19         3,222.66         63.2	5,500.00	91.48	270.19	3,253.67	59.18	-1,510.60	1,510.79	0.000	0.000	0.000
5,800.00         91.48         270.19         3,245.92         60.20         -1,810.50         1,810.69         0.000         0.000           5,900.00         91.48         270.19         3,243.33         60.54         -1,910.46         1,910.65         0.000         0.000           6,000.00         91.48         270.19         3,238.17         61.22         -2,110.40         2,110.59         0.000         0.000           6,200.00         91.48         270.19         3,235.58         61.56         -2,210.36         2,210.55         0.000         0.000           6,300.00         91.48         270.19         3,233.00         61.90         -2,310.33         2,310.52         0.000         0.000           6,400.00         91.48         270.19         3,223.41         62.24         -2,410.29         2,410.49         0.000         0.000           6,500.00         91.48         270.19         3,227.83         62.58         -2,510.26         2,510.45         0.000         0.000           6,600.00         91.48         270.19         3,222.66         63.26         -2,710.19         2,710.39         0.000         0.000           6,800.00         91.48         270.19         3,217.50         63.9	5,600.00	91.48	270.19	3,251.08	59.52	-1,610.57	1,610.75	0.000	0.000	0.000
5,800.00         91.48         270.19         3,245.92         60.20         -1,810.50         1,810.69         0.000         0.000           5,900.00         91.48         270.19         3,243.33         60.54         -1,910.46         1,910.65         0.000         0.000           6,000.00         91.48         270.19         3,238.17         61.22         -2,110.40         2,110.59         0.000         0.000           6,200.00         91.48         270.19         3,235.58         61.56         -2,210.36         2,210.55         0.000         0.000           6,300.00         91.48         270.19         3,233.00         61.90         -2,310.33         2,310.52         0.000         0.000           6,400.00         91.48         270.19         3,223.41         62.24         -2,410.29         2,410.49         0.000         0.000           6,500.00         91.48         270.19         3,227.83         62.58         -2,510.26         2,510.45         0.000         0.000           6,600.00         91.48         270.19         3,222.66         63.26         -2,710.19         2,710.39         0.000         0.000           6,800.00         91.48         270.19         3,217.50         63.9	5 700 00	01 /18	270 10	3 248 50	50.86	-1 710 53	1 710 72	0.000	0.000	0.000
5,900.00         91.48         270.19         3,243.33         60.54         -1,910.46         1,910.65         0.000         0.000           6,000.00         91.48         270.19         3,240.75         60.88         -2,010.43         2,010.62         0.000         0.000           6,100.00         91.48         270.19         3,235.58         61.56         -2,210.36         2,210.55         0.000         0.000           6,200.00         91.48         270.19         3,235.58         61.56         -2,210.36         2,210.55         0.000         0.000           6,300.00         91.48         270.19         3,233.00         61.90         -2,310.33         2,310.52         0.000         0.000           6,400.00         91.48         270.19         3,223.41         62.24         -2,410.29         2,410.49         0.000         0.000           6,500.00         91.48         270.19         3,225.25         62.92         -2,510.26         2,510.45         0.000         0.000           6,700.00         91.48         270.19         3,222.66         63.26         -2,710.19         2,710.39         0.000         0.000           6,800.00         91.48         270.19         3,217.50         63.9			270.19						0.000	0.000
6,000.00         91.48         270.19         3,240.75         60.88         -2,010.43         2,010.62         0.000         0.000           6,100.00         91.48         270.19         3,238.17         61.22         -2,110.40         2,110.59         0.000         0.000           6,200.00         91.48         270.19         3,235.58         61.56         -2,210.36         2,210.55         0.000         0.000           6,300.00         91.48         270.19         3,233.00         61.90         -2,310.33         2,310.52         0.000         0.000           6,400.00         91.48         270.19         3,225.25         62.92         -2,610.23         2,610.49         0.000         0.000           6,500.00         91.48         270.19         3,225.25         62.92         -2,610.23         2,610.42         0.000         0.000           6,700.00         91.48         270.19         3,222.66         63.26         -2,710.19         2,710.39         0.000         0.000           6,800.00         91.48         270.19         3,221.50         63.60         -2,810.16         2,810.35         0.000         0.000           6,900.00         91.48         270.19         3,214.91         64.2										0.000
6,100.00         91.48         270.19         3,238.17         61.22         -2,110.40         2,110.59         0.000         0.000           6,200.00         91.48         270.19         3,235.58         61.56         -2,210.36         2,210.55         0.000         0.000           6,300.00         91.48         270.19         3,233.00         61.90         -2,310.33         2,310.52         0.000         0.000           6,400.00         91.48         270.19         3,227.83         62.54         -2,410.29         2,410.49         0.000         0.000           6,500.00         91.48         270.19         3,225.25         62.92         -2,610.23         2,610.42         0.000         0.000           6,600.00         91.48         270.19         3,222.66         63.26         -2,710.19         2,710.39         0.000         0.000           6,800.00         91.48         270.19         3,222.66         63.26         -2,710.19         2,710.39         0.000         0.000           6,900.00         91.48         270.19         3,217.50         63.94         -2,910.12         2,910.32         0.000         0.000           7,000.00         91.48         270.19         3,212.33         64.6										0.000
6,200.00         91.48         270.19         3,235.58         61.56         -2,210.36         2,210.55         0.000         0.000           6,300.00         91.48         270.19         3,233.00         61.90         -2,310.33         2,310.52         0.000         0.000           6,400.00         91.48         270.19         3,230.41         62.24         -2,410.29         2,410.49         0.000         0.000           6,500.00         91.48         270.19         3,227.83         62.58         -2,510.26         2,510.45         0.000         0.000           6,600.00         91.48         270.19         3,225.25         62.92         -2,610.23         2,610.42         0.000         0.000           6,700.00         91.48         270.19         3,222.66         63.26         -2,710.19         2,710.39         0.000         0.000           6,800.00         91.48         270.19         3,221.50         63.60         -2,810.16         2,810.35         0.000         0.000           7,000.00         91.48         270.19         3,214.91         64.27         -3,010.09         3,010.29         0.000         0.000           7,200.00         91.48         270.19         3,207.16         65.2										0.000
6,300.00         91.48         270.19         3,233.00         61.90         -2,310.33         2,310.52         0.000         0.000           6,400.00         91.48         270.19         3,233.04         62.24         -2,410.29         2,410.49         0.000         0.000           6,500.00         91.48         270.19         3,227.83         62.58         -2,510.26         2,510.45         0.000         0.000           6,600.00         91.48         270.19         3,225.25         62.92         -2,610.23         2,610.42         0.000         0.000           6,700.00         91.48         270.19         3,222.66         63.26         -2,710.19         2,710.39         0.000         0.000           6,800.00         91.48         270.19         3,222.08         63.60         -2,810.16         2,810.35         0.000         0.000           6,900.00         91.48         270.19         3,214.91         64.27         -3,010.09         3,010.29         0.000         0.000           7,000.00         91.48         270.19         3,209.74         64.95         -3,210.02         3,210.22         0.000         0.000           7,200.00         91.48         270.19         3,207.16         65.2	·					•				
6,400.00         91.48         270.19         3,230.41         62.24         -2,410.29         2,410.49         0.000         0.000           6,500.00         91.48         270.19         3,227.83         62.58         -2,510.26         2,510.45         0.000         0.000           6,600.00         91.48         270.19         3,225.25         62.92         -2,610.23         2,610.42         0.000         0.000           6,700.00         91.48         270.19         3,222.66         63.26         -2,710.19         2,710.39         0.000         0.000           6,800.00         91.48         270.19         3,220.08         63.60         -2,810.16         2,810.35         0.000         0.000           6,900.00         91.48         270.19         3,217.50         63.94         -2,910.12         2,910.32         0.000         0.000           7,000.00         91.48         270.19         3,214.91         64.27         -3,010.09         3,010.29         0.000         0.000           7,200.00         91.48         270.19         3,209.74         64.95         -3,210.02         3,210.22         0.000         0.000           7,300.00         91.48         270.19         3,201.99         65.2	-,						*			0.000
6,500.00         91.48         270.19         3,227.83         62.58         -2,510.26         2,510.45         0.000         0.000           6,600.00         91.48         270.19         3,225.25         62.92         -2,610.23         2,610.42         0.000         0.000           6,700.00         91.48         270.19         3,222.66         63.26         -2,710.19         2,710.39         0.000         0.000           6,800.00         91.48         270.19         3,220.08         63.60         -2,810.16         2,810.35         0.000         0.000           6,900.00         91.48         270.19         3,217.50         63.94         -2,910.12         2,910.32         0.000         0.000           7,000.00         91.48         270.19         3,212.33         64.61         -3,110.06         3,110.29         0.000         0.000           7,200.00         91.48         270.19         3,207.4         64.95         -3,210.02         3,210.22         0.000         0.000           7,300.00         91.48         270.19         3,207.16         65.29         -3,309.99         3,310.19         0.000         0.000           7,500.00         91.48         270.19         3,204.58         65.63										0.000
6,600.00         91.48         270.19         3,225.25         62.92         -2,610.23         2,610.42         0.000         0.000           6,700.00         91.48         270.19         3,222.66         63.26         -2,710.19         2,710.39         0.000         0.000           6,800.00         91.48         270.19         3,220.08         63.60         -2,810.16         2,810.35         0.000         0.000           6,900.00         91.48         270.19         3,217.50         63.94         -2,910.12         2,910.32         0.000         0.000           7,000.00         91.48         270.19         3,214.91         64.27         -3,010.09         3,010.29         0.000         0.000           7,100.00         91.48         270.19         3,212.33         64.61         -3,110.06         3,110.25         0.000         0.000           7,200.00         91.48         270.19         3,209.74         64.95         -3,210.02         3,210.22         0.000         0.000           7,300.00         91.48         270.19         3,204.58         65.63         -3,409.95         3,410.15         0.000         0.000           7,500.00         91.48         270.19         3,194.44         66.9	·			,						0.000
6,700.00         91.48         270.19         3,222.66         63.26         -2,710.19         2,710.39         0.000         0.000           6,800.00         91.48         270.19         3,220.08         63.60         -2,810.16         2,810.35         0.000         0.000           6,900.00         91.48         270.19         3,217.50         63.94         -2,910.12         2,910.32         0.000         0.000           7,000.00         91.48         270.19         3,214.91         64.27         -3,010.09         3,010.29         0.000         0.000           7,100.00         91.48         270.19         3,212.33         64.61         -3,110.06         3,110.25         0.000         0.000           7,200.00         91.48         270.19         3,209.74         64.95         -3,210.02         3,210.22         0.000         0.000           7,300.00         91.48         270.19         3,207.16         65.29         -3,309.99         3,310.19         0.000         0.000           7,500.00         91.48         270.19         3,201.99         65.97         -3,509.92         3,510.12         0.000         0.000           7,600.00         91.48         270.19         3,196.83         66.6	6,500.00		270.19				2,510.45		0.000	0.000
6,800.00       91.48       270.19       3,220.08       63.60       -2,810.16       2,810.35       0.000       0.000         6,900.00       91.48       270.19       3,217.50       63.94       -2,910.12       2,910.32       0.000       0.000         7,000.00       91.48       270.19       3,214.91       64.27       -3,010.09       3,010.29       0.000       0.000         7,100.00       91.48       270.19       3,212.33       64.61       -3,110.06       3,110.25       0.000       0.000         7,200.00       91.48       270.19       3,209.74       64.95       -3,210.02       3,210.22       0.000       0.000         7,300.00       91.48       270.19       3,204.58       65.63       -3,309.99       3,310.19       0.000       0.000         7,500.00       91.48       270.19       3,204.58       65.63       -3,409.95       3,410.15       0.000       0.000         7,500.00       91.48       270.19       3,199.41       66.31       -3,509.92       3,510.12       0.000       0.000         7,700.00       91.48       270.19       3,196.83       66.65       -3,709.85       3,710.05       0.000       0.000         7,800.00	6,600.00	91.48	270.19	3,225.25	62.92	-2,610.23	2,610.42	0.000	0.000	0.000
6,800.00       91.48       270.19       3,220.08       63.60       -2,810.16       2,810.35       0.000       0.000         6,900.00       91.48       270.19       3,217.50       63.94       -2,910.12       2,910.32       0.000       0.000         7,000.00       91.48       270.19       3,214.91       64.27       -3,010.09       3,010.29       0.000       0.000         7,100.00       91.48       270.19       3,212.33       64.61       -3,110.06       3,110.25       0.000       0.000         7,200.00       91.48       270.19       3,209.74       64.95       -3,210.02       3,210.22       0.000       0.000         7,300.00       91.48       270.19       3,207.16       65.29       -3,309.99       3,310.19       0.000       0.000         7,400.00       91.48       270.19       3,204.58       65.63       -3,409.95       3,410.15       0.000       0.000         7,500.00       91.48       270.19       3,199.41       66.31       -3,509.92       3,510.12       0.000       0.000         7,700.00       91.48       270.19       3,196.83       66.65       -3,709.85       3,710.05       0.000       0.000         7,800.00	6 700 00	Q1 //Q	270 10	3 222 66	63.26	-2 710 10	2 710 30	0.000	0 000	0.000
6,900.00       91.48       270.19       3,217.50       63.94       -2,910.12       2,910.32       0.000       0.000         7,000.00       91.48       270.19       3,214.91       64.27       -3,010.09       3,010.29       0.000       0.000         7,100.00       91.48       270.19       3,212.33       64.61       -3,110.06       3,110.25       0.000       0.000         7,200.00       91.48       270.19       3,209.74       64.95       -3,210.02       3,210.22       0.000       0.000         7,300.00       91.48       270.19       3,207.16       65.29       -3,309.99       3,310.19       0.000       0.000         7,400.00       91.48       270.19       3,204.58       65.63       -3,409.95       3,410.15       0.000       0.000         7,500.00       91.48       270.19       3,201.99       65.97       -3,509.92       3,510.12       0.000       0.000         7,700.00       91.48       270.19       3,196.83       66.65       -3,709.85       3,710.05       0.000       0.000         7,800.00       91.48       270.19       3,194.24       66.99       -3,809.82       3,810.02       0.000       0.000         7,900.00										0.000
7,000.00         91.48         270.19         3,214.91         64.27         -3,010.09         3,010.29         0.000         0.000           7,100.00         91.48         270.19         3,212.33         64.61         -3,110.06         3,110.25         0.000         0.000           7,200.00         91.48         270.19         3,209.74         64.95         -3,210.02         3,210.22         0.000         0.000           7,300.00         91.48         270.19         3,207.16         65.29         -3,309.99         3,310.19         0.000         0.000           7,400.00         91.48         270.19         3,204.58         65.63         -3,409.95         3,410.15         0.000         0.000           7,500.00         91.48         270.19         3,201.99         65.97         -3,509.92         3,510.12         0.000         0.000           7,600.00         91.48         270.19         3,196.83         66.65         -3,709.85         3,710.05         0.000         0.000           7,800.00         91.48         270.19         3,194.24         66.99         -3,809.82         3,810.02         0.000         0.000           7,900.00         91.48         270.19         3,191.66         67.3										0.000
7,100.00         91.48         270.19         3,212.33         64.61         -3,110.06         3,110.25         0.000         0.000           7,200.00         91.48         270.19         3,209.74         64.95         -3,210.02         3,210.22         0.000         0.000           7,300.00         91.48         270.19         3,207.16         65.29         -3,309.99         3,310.19         0.000         0.000           7,400.00         91.48         270.19         3,204.58         65.63         -3,409.95         3,410.15         0.000         0.000           7,500.00         91.48         270.19         3,201.99         65.97         -3,509.92         3,510.12         0.000         0.000           7,600.00         91.48         270.19         3,199.41         66.31         -3,609.89         3,610.09         0.000         0.000           7,700.00         91.48         270.19         3,196.83         66.65         -3,709.85         3,710.05         0.000         0.000           7,800.00         91.48         270.19         3,194.24         66.99         -3,809.82         3,810.02         0.000         0.000           7,900.00         91.48         270.19         3,189.07         67.6										0.000
7,200.00         91.48         270.19         3,209.74         64.95         -3,210.02         3,210.22         0.000         0.000           7,300.00         91.48         270.19         3,207.16         65.29         -3,309.99         3,310.19         0.000         0.000           7,400.00         91.48         270.19         3,204.58         65.63         -3,409.95         3,410.15         0.000         0.000           7,500.00         91.48         270.19         3,201.99         65.97         -3,509.92         3,510.12         0.000         0.000           7,600.00         91.48         270.19         3,199.41         66.31         -3,609.89         3,610.09         0.000         0.000           7,700.00         91.48         270.19         3,196.83         66.65         -3,709.85         3,710.05         0.000         0.000           7,800.00         91.48         270.19         3,194.24         66.99         -3,809.82         3,810.02         0.000         0.000           7,900.00         91.48         270.19         3,191.66         67.33         -3,909.78         3,909.99         0.000         0.000           8,000.00         91.48         270.19         3,189.07         67.6										0.000
7,300.00       91.48       270.19       3,207.16       65.29       -3,309.99       3,310.19       0.000       0.000         7,400.00       91.48       270.19       3,204.58       65.63       -3,409.95       3,410.15       0.000       0.000         7,500.00       91.48       270.19       3,201.99       65.97       -3,509.92       3,510.12       0.000       0.000         7,600.00       91.48       270.19       3,199.41       66.31       -3,609.89       3,610.09       0.000       0.000         7,700.00       91.48       270.19       3,196.83       66.65       -3,709.85       3,710.05       0.000       0.000         7,800.00       91.48       270.19       3,194.24       66.99       -3,809.82       3,810.02       0.000       0.000         7,900.00       91.48       270.19       3,191.66       67.33       -3,909.78       3,909.99       0.000       0.000         8,000.00       91.48       270.19       3,189.07       67.67       -4,009.75       4,009.95       0.000       0.000         8,100.00       91.48       270.19       3,186.49       68.01       -4,109.72       4,109.92       0.000       0.000	·					,				
7,300.00       91.48       270.19       3,207.16       65.29       -3,309.99       3,310.19       0.000       0.000         7,400.00       91.48       270.19       3,204.58       65.63       -3,409.95       3,410.15       0.000       0.000         7,500.00       91.48       270.19       3,201.99       65.97       -3,509.92       3,510.12       0.000       0.000         7,600.00       91.48       270.19       3,196.83       66.65       -3,709.85       3,710.05       0.000       0.000         7,800.00       91.48       270.19       3,194.24       66.99       -3,809.82       3,810.02       0.000       0.000         7,900.00       91.48       270.19       3,191.66       67.33       -3,909.78       3,909.99       0.000       0.000         8,000.00       91.48       270.19       3,189.07       67.67       -4,009.75       4,009.95       0.000       0.000         8,100.00       91.48       270.19       3,186.49       68.01       -4,109.72       4,109.92       0.000       0.000										0.000
7,500.00       91.48       270.19       3,201.99       65.97       -3,509.92       3,510.12       0.000       0.000         7,600.00       91.48       270.19       3,199.41       66.31       -3,609.89       3,610.09       0.000       0.000         7,700.00       91.48       270.19       3,196.83       66.65       -3,709.85       3,710.05       0.000       0.000         7,800.00       91.48       270.19       3,194.24       66.99       -3,809.82       3,810.02       0.000       0.000         7,900.00       91.48       270.19       3,191.66       67.33       -3,909.78       3,909.99       0.000       0.000         8,000.00       91.48       270.19       3,189.07       67.67       -4,009.75       4,009.95       0.000       0.000         8,100.00       91.48       270.19       3,186.49       68.01       -4,109.72       4,109.92       0.000       0.000	,			3,207.16		-3,309.99	3,310.19			0.000
7,600.00       91.48       270.19       3,199.41       66.31       -3,609.89       3,610.09       0.000       0.000         7,700.00       91.48       270.19       3,196.83       66.65       -3,709.85       3,710.05       0.000       0.000         7,800.00       91.48       270.19       3,194.24       66.99       -3,809.82       3,810.02       0.000       0.000         7,900.00       91.48       270.19       3,191.66       67.33       -3,909.78       3,909.99       0.000       0.000         8,000.00       91.48       270.19       3,189.07       67.67       -4,009.75       4,009.95       0.000       0.000         8,100.00       91.48       270.19       3,186.49       68.01       -4,109.72       4,109.92       0.000       0.000	7,400.00	91.48	270.19	3,204.58	65.63	-3,409.95	3,410.15	0.000	0.000	0.000
7,700.00       91.48       270.19       3,196.83       66.65       -3,709.85       3,710.05       0.000       0.000         7,800.00       91.48       270.19       3,194.24       66.99       -3,809.82       3,810.02       0.000       0.000         7,900.00       91.48       270.19       3,191.66       67.33       -3,909.78       3,909.99       0.000       0.000         8,000.00       91.48       270.19       3,189.07       67.67       -4,009.75       4,009.95       0.000       0.000         8,100.00       91.48       270.19       3,186.49       68.01       -4,109.72       4,109.92       0.000       0.000		91.48	270.19	3,201.99	65.97	-3,509.92	3,510.12	0.000	0.000	0.000
7,700.00       91.48       270.19       3,196.83       66.65       -3,709.85       3,710.05       0.000       0.000         7,800.00       91.48       270.19       3,194.24       66.99       -3,809.82       3,810.02       0.000       0.000         7,900.00       91.48       270.19       3,191.66       67.33       -3,909.78       3,909.99       0.000       0.000         8,000.00       91.48       270.19       3,189.07       67.67       -4,009.75       4,009.95       0.000       0.000         8,100.00       91.48       270.19       3,186.49       68.01       -4,109.72       4,109.92       0.000       0.000	7,600.00	91.48	270.19	3,199.41	66.31	-3,609.89	3,610.09	0.000	0.000	0.000
7,800.00       91.48       270.19       3,194.24       66.99       -3,809.82       3,810.02       0.000       0.000         7,900.00       91.48       270.19       3,191.66       67.33       -3,909.78       3,909.99       0.000       0.000         8,000.00       91.48       270.19       3,189.07       67.67       -4,009.75       4,009.95       0.000       0.000         8,100.00       91.48       270.19       3,186.49       68.01       -4,109.72       4,109.92       0.000       0.000	7 700 00	01 49	270 10		66 65	_3 700 QE	3 710 OF	0.000	0.000	0.000
7,900.00       91.48       270.19       3,191.66       67.33       -3,909.78       3,909.99       0.000       0.000         8,000.00       91.48       270.19       3,189.07       67.67       -4,009.75       4,009.95       0.000       0.000         8,100.00       91.48       270.19       3,186.49       68.01       -4,109.72       4,109.92       0.000       0.000						,				0.000
8,000.00       91.48       270.19       3,189.07       67.67       -4,009.75       4,009.95       0.000       0.000         8,100.00       91.48       270.19       3,186.49       68.01       -4,109.72       4,109.92       0.000       0.000	,			3,134.24 2,104.66						
8,100.00 91.48 270.19 3,186.49 68.01 -4,109.72 4,109.92 0.000 0.000	,					-,	,			0.000
							*			0.000
	•	91.48		3, 160.49	08.01	-4,109.72	4,109.92			0.000
8,200.00 91.48 270.19 3,183.91 68.35 -4,209.68 4,209.89 0.000 0.000	8,200.00	91.48	270.19	3,183.91	68.35	-4,209.68	4,209.89	0.000	0.000	0.000

**Planning Report** 

Database: Company: Project:

EDM 5000.15 Single User Db

Silverback Exploration Eddy County, NM (NAD 83 NME)

Site: Margaret 102H Well: Margaret 102H Wellbore: Planning Design: Plan 0.1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

**Survey Calculation Method:** 

Site Margaret 102H

Well @ 3318.00usft (16' KB) Well @ 3318.00usft (16' KB)

Minimum Curvature

_				_		
PI	lan	ne	d ·	Sυ	ırv	ev

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,300.00	91.48	270.19	3,181.32	68.69	-4,309.65	4,309.85	0.000	0.000	0.000
8,400.00	91.48	270.19	3,178.74	69.03	-4,409.61	4,409.82	0.000	0.000	0.000
8,500.00	91.48	270.19	3,176.16	69.37	-4,509.58	4,509.79	0.000	0.000	0.000
8,600.00	91.48	270.19	3,173.57	69.71	-4,609.55	4,609.75	0.000	0.000	0.000
8,700.00	91.48	270.19	3,170.99	70.05	-4,709.51	4,709.72	0.000	0.000	0.000
8,800.00	91.48	270.19	3,168.40	70.39	-4,809.48	4,809.69	0.000	0.000	0.000
8,900.00	91.48	270.19	3,165.82	70.73	-4,909.44	4,909.65	0.000	0.000	0.000
9,000.00	91.48	270.19	3,163.24	71.07	-5,009.41	5,009.62	0.000	0.000	0.000
9,047.85	91.48	270.19	3,162.00	71.23	-5,057.24	5,057.45	0.000	0.000	0.000
PBHL									

Design Targets
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- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LTP/BHL - Margaret 1 - plan hits target o - Point		360.00	3,162.00	71.23	-5,057.24	628,883.59	532,858.97	32.728837	-104.360905
FTP - Margaret 102H	0.00	0.00	3,293.00	54.01	11.14	628,866.37	537,927.35	32.728792	-104.344423

plan hits target centerPoint

Plan Annotations				
Measured	Vertical	Local Coor	dinates	Comment
Depth	Depth	+N/-S	+E/-W	
(usft)	(usft)	(usft)	(usft)	
500.00	500.00	0.00	0.00	Build: 3°/100'
1,584.86	1,527.45	13.77	299.60	Hold: 32.55° Inc, 87.37° Azm
2,400.04	2,214.62	33.90	737.69	KOP: 9°/100' @ 2400.04' MD
3,427.96	3,107.92	52.28	519.10	Hold: 60.00° Inc, 270.19° Azm
3,627.96	3,207.92	52.87	345.90	Build: 9°/100'
3,977.74	3,293.00	54.01	11.14	LP/Hold: 91.48° Inc, 270.19° Azm
9,047.85	3,162.00	71.23	-5,057.24	PBHL