

Submit a Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-53283
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator SILVERBACK OPERATING II, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 19707 West IH 10, Suite 201 San Antonio, TX 78257		7. Lease Name or Unit Agreement Name Krauss 22 C
4. Well Location Unit Letter <u>I</u> : 2146' feet from the <u>South</u> line and <u>158'</u> feet from the <u>East</u> line Section <u>22</u> Township <u>18S</u> Range <u>26E</u> NMPM County <u>Eddy</u>		8. Well Number 103H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3317'		9. OGRID Number 330968
10. Pool name or Wildcat ATOKA, GLORIETA-YESO		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Silverback Operating II LLC. would like to change the well name to Krauss 22 "C" 103H. We will also be changing the BHL and TVD of the subject well to 2696'. Please find the updated C-102 plat and revised directional plan attached.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Fatma Abdallah TITLE Regulatory Manager DATE 09/30/2023

Type or print name Fatma Abdallah E-mail address: fabdallah@silverbackexp.com PHONE: (210) 585-3316

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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

¹ API Number 30-015-53283	² Pool Code 3250	³ Pool Name ATOKA, GLORIETA-YESO
⁴ Property Code 334817	⁵ Property Name KRAUSS 22 C	⁶ Well Number 103H
⁷ OGRID No. 330968	⁸ Operator Name SILVERBACK OPERATING II, LLC	⁹ Elevation 3,316'

¹⁰ Surface Location

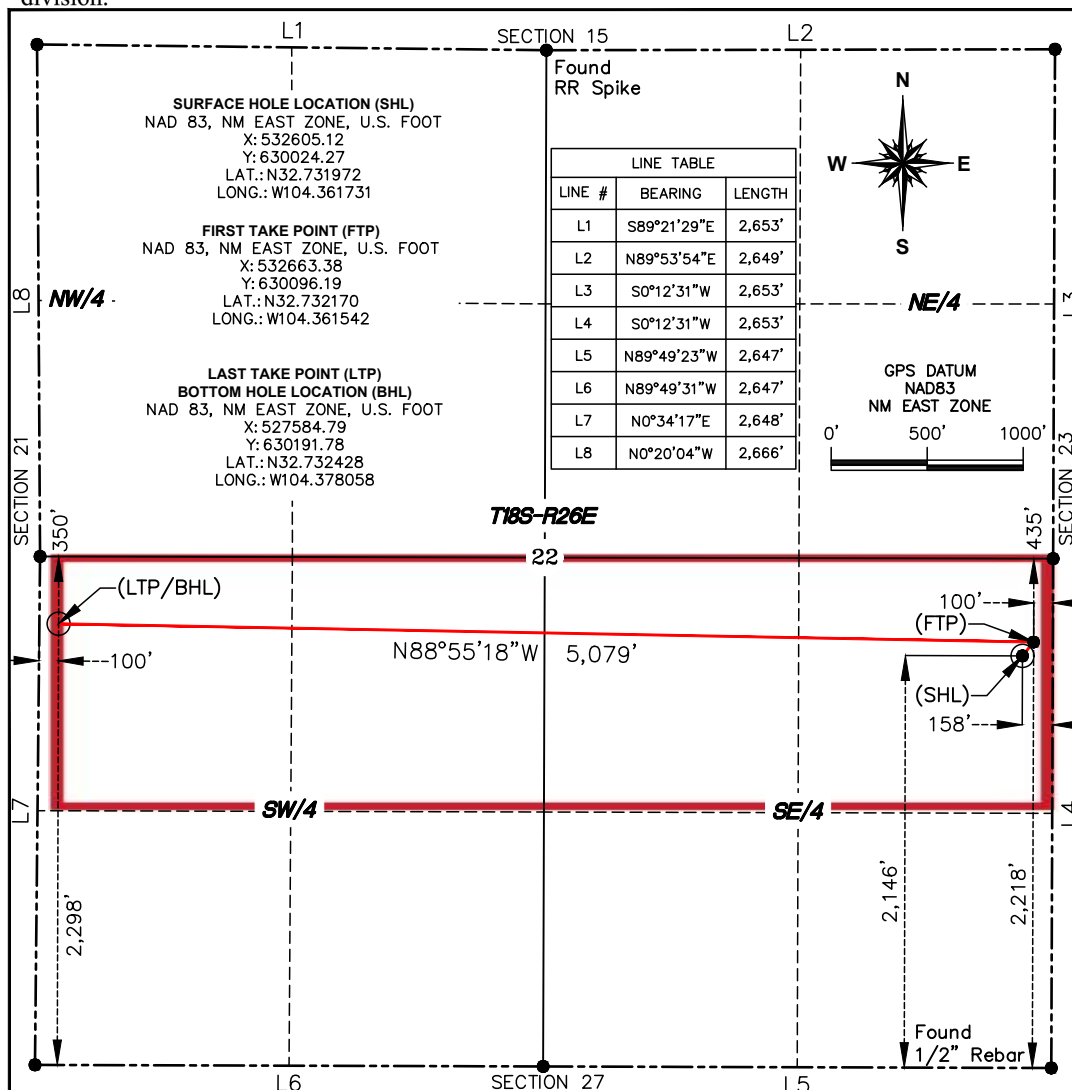
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	22	18-S	26-E		2,146'	SOUTH	158'	EAST	EDDY

¹¹ 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
L	22	18-S	26-E		2,298'	SOUTH	100'	WEST	EDDY

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Fatma Abdallah 09/30/2023

Signature Date

Fatma Abdallah

Printed Name

fabdallah@silverback.com

E-mail Address

¹⁸ SURVEYOR CERTIFICATION

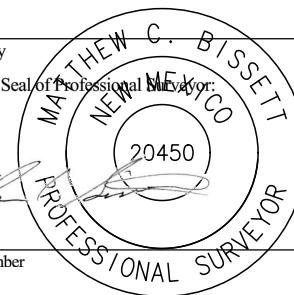
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

08/04/23

Date of Survey

Signature and Seal of Professional Surveyor:

20450
Certificate Number



Silverback Exploration

Krauss 22 103H
Eddy County, NM (NAD 83 NME)
Job No. WT-23-***
Lateral 1r1



SILVERBACK
EXPLORATION

PROJECT DETAILS: Eddy County, NM (NAD 83 NME)

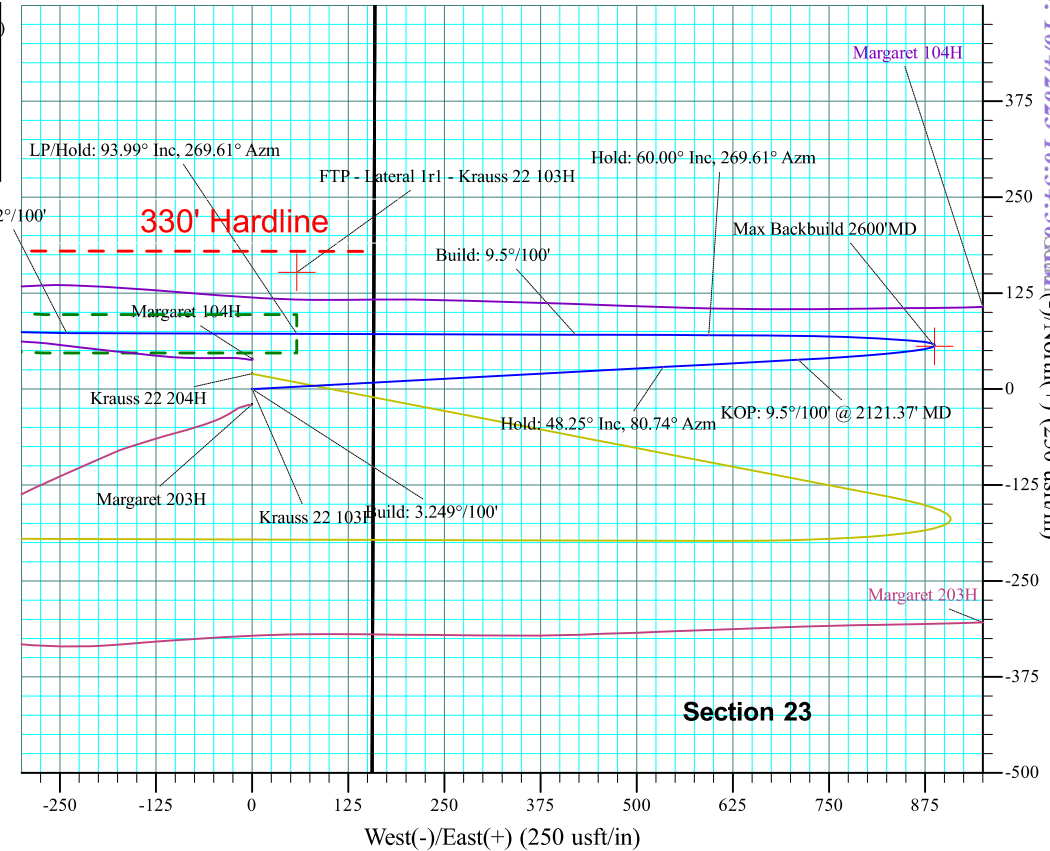
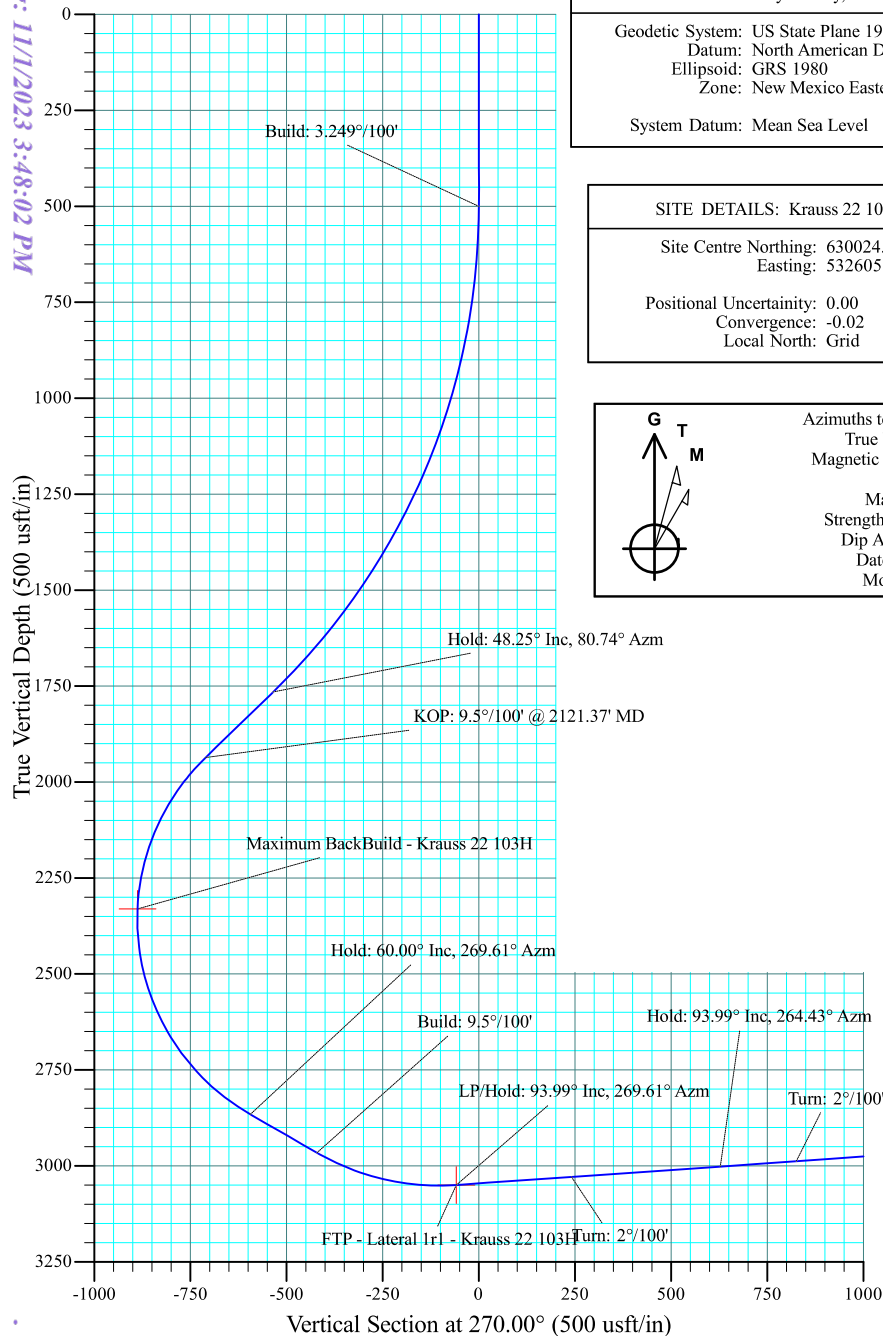
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

SITE DETAILS: Krauss 22 103H

Site Centre Northing: 630024.19
Easting: 532605.21
Positional Uncertainty: 0.00
Convergence: -0.02
Local North: Grid



Azimuths to Grid North
True North: 0.02°
Magnetic North: 6.81°
Magnetic Field
Strength: 47532.7nT
Dip Angle: 60.34°
Date: 10/1/2023
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	0.000	0.00	0.00	
2	500.00	0.00	0.00	500.00	0.00	0.00	0.000	0.00	0.00	Build: 3.249°/100'
3	1911.71	45.86	86.91	1765.72	28.82	534.67	3.249	86.91	-534.67	Hold: 48.25° Inc, 80.74° Azm
4	2156.51	45.86	86.91	1936.21	38.27	710.10	0.000	0.00	-710.10	KOP: 9.5°/100' @ 2121.37' MD
5	3242.12	60.00	270.18	2866.25	70.36	593.95	9.746	-177.07	-593.95	Hold: 60.00° Inc, 269.61° Azm
6	3442.12	60.00	270.18	2966.25	70.89	420.75	0.000	0.00	-420.75	Build: 9.5°/100'
7	3819.76	93.99	270.18	3050.00	72.00	58.17	9.000	0.00	-58.17	LP/Hold: 93.99° Inc, 269.61° Azm
8	4119.76	93.99	270.18	3029.14	72.92	-241.10	0.000	0.00	241.10	Turn: 2°/100'
9	4509.04	93.99	277.98	3002.02	100.51	-628.16	2.000	89.71	628.16	Hold: 93.99° Inc, 264.43° Azm
10	4709.04	93.99	277.98	2988.10	128.21	-825.74	0.000	0.00	825.74	Turn: 2°/100'
11	5098.26	93.98	270.18	2961.01	155.80	-1212.73	2.000	-89.79	1212.73	Hold: 93.98° Inc, 270.18° Azm
12	8915.16	93.98	270.18	2696.00	167.55	-5020.40	0.000	0.00	5020.40	PBHL

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Maximum BackBuild - Krauss 22 103H	2330.90	55.91	887.39	630080.10	533492.60	32.73213	-104.35885
LTP/BHL - Lateral 1r1 - Krauss 22 103H	2696.00	167.55	-5020.40	630191.74	527584.81	32.73243	-104.37806
FTP - Lateral 1r1 - Krauss 22 103H	3050.00	152.00	58.01	630176.19	532663.22	32.73239	-104.36154



Silverback Exploration

Eddy County, NM (NAD 83 NME)

Krauss 22 103H

Krauss 22 103H

OH

Plan: Lateral 1r1

Standard Planning Report

23 June, 2023



Aim Directional Services

Planning Report

Database:	EDM 5000.17-Aim-DB	Local Co-ordinate Reference:	Well Krauss 22 103H
Company:	Silverback Exploration	TVD Reference:	Well @ 3331.00usft (14'KB)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3331.00usft (14'KB)
Site:	Krauss 22 103H	North Reference:	Grid
Well:	Krauss 22 103H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Lateral 1r1		

Project	Eddy County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Krauss 22 103H				
Site Position:		Northing:	630,024.19 usft	Latitude:	32.73197
From:	Lat/Long	Easting:	532,605.22 usft	Longitude:	-104.36173
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Krauss 22 103H					
Well Position	+N/-S	0.00 usft	Northing:	630,024.19 usft	Latitude:	32.73197
	+E/-W	0.00 usft	Easting:	532,605.22 usft	Longitude:	-104.36173
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,317.00 usft
Grid Convergence:		-0.02 °				

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	10/1/2023	6.79	60.34	47,532.73581095

Design	Lateral 1r1				
Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	270.00	

Plan Survey Tool Program	Date	6/23/2023			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	8,915.05	Lateral 1r1 (OH)	MWD+HRGM	
				OWSG MWD + HRGM	



Aim Directional Services

Planning Report

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Company:	Silverback Exploration	TVD Reference:	Well @ 3331.00usft (14'KB)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3331.00usft (14'KB)
Site:	Krauss 22 103H	North Reference:	Grid
Well:	Krauss 22 103H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Lateral 1r1		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	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	
1,911.71	45.86	86.91	1,765.72	28.82	534.67	3.249	3.249	0.000	86.91	
2,156.51	45.86	86.91	1,936.21	38.27	710.10	0.000	0.000	0.000	0.00	
3,242.12	60.00	270.18	2,866.25	70.36	593.95	9.746	1.302	-16.280	-177.07	
3,442.12	60.00	270.18	2,966.25	70.89	420.75	0.000	0.000	0.000	0.00	
3,819.76	93.99	270.18	3,050.00	72.00	58.17	9.000	9.000	0.000	0.00	
4,119.76	93.99	270.18	3,029.14	72.92	-241.10	0.000	0.000	0.000	0.00	
4,509.04	93.99	277.98	3,002.02	100.51	-628.16	2.000	0.001	2.005	89.71	
4,709.04	93.99	277.98	2,988.10	128.21	-825.74	0.000	0.000	0.000	0.00	
5,098.26	93.98	270.18	2,961.01	155.80	-1,212.73	2.000	-0.002	-2.005	-89.79	
8,915.16	93.98	270.18	2,696.00	167.55	-5,020.40	0.000	0.000	0.000	0.00	LTP/BHL - Lateral 1



Aim Directional Services

Planning Report

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Company:	Silverback Exploration	TVD Reference:	Well @ 3331.00usft (14'KB)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3331.00usft (14'KB)
Site:	Krauss 22 103H	North Reference:	Grid
Well:	Krauss 22 103H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Lateral 1r1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.000	0.000	0.000
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.000	0.000	0.000
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.000	0.000	0.000
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.000	0.000	0.000
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.000	0.000	0.000
Build: 3.249°/100'									
600.00	3.25	86.91	599.95	0.15	2.83	-2.83	3.249	3.249	0.000
700.00	6.50	86.91	699.57	0.61	11.31	-11.31	3.249	3.249	0.000
800.00	9.75	86.91	798.56	1.37	25.42	-25.42	3.249	3.249	0.000
900.00	12.99	86.91	896.58	2.43	45.10	-45.10	3.249	3.249	0.000
1,000.00	16.24	86.91	993.33	3.79	70.30	-70.30	3.249	3.249	0.000
1,100.00	19.49	86.91	1,088.49	5.44	100.93	-100.93	3.249	3.249	0.000
1,200.00	22.74	86.91	1,181.77	7.38	136.90	-136.90	3.249	3.249	0.000
1,300.00	25.99	86.91	1,272.85	9.60	178.09	-178.09	3.249	3.249	0.000
1,400.00	29.24	86.91	1,361.45	12.09	224.36	-224.36	3.249	3.249	0.000
1,500.00	32.49	86.91	1,447.28	14.85	275.58	-275.58	3.249	3.249	0.000
1,600.00	35.73	86.91	1,530.06	17.87	331.57	-331.57	3.249	3.249	0.000
1,700.00	38.98	86.91	1,609.54	21.14	392.15	-392.15	3.249	3.249	0.000
1,800.00	42.23	86.91	1,685.45	24.64	457.14	-457.14	3.249	3.249	0.000
1,900.00	45.48	86.91	1,757.54	28.37	526.31	-526.31	3.249	3.249	0.000
1,911.71	45.86	86.91	1,765.73	28.82	534.67	-534.67	3.248	3.248	0.000
Hold: 48.25° Inc, 80.74° Azm									
2,000.00	45.86	86.91	1,827.21	32.23	597.94	-597.94	0.000	0.000	0.000
2,100.00	45.86	86.91	1,896.85	36.09	669.60	-669.60	0.000	0.000	0.000
2,156.51	45.86	86.91	1,936.21	38.27	710.10	-710.10	0.000	0.000	0.000
KOP: 9.5°/100' @ 2121.37' MD									
2,200.00	41.63	86.59	1,967.62	39.97	740.11	-740.11	9.745	-9.731	-0.750
2,250.00	36.76	86.14	2,006.36	41.97	771.64	-771.64	9.746	-9.729	-0.899
2,300.00	31.90	85.57	2,047.63	44.00	799.76	-799.76	9.746	-9.725	-1.131
2,350.00	27.04	84.83	2,091.15	46.05	824.26	-824.26	9.746	-9.718	-1.488
2,400.00	22.19	83.79	2,136.59	48.09	844.98	-844.98	9.746	-9.707	-2.083
2,450.00	17.34	82.20	2,183.63	50.13	861.76	-861.76	9.746	-9.687	-3.177
2,500.00	12.52	79.43	2,231.93	52.13	874.48	-874.48	9.746	-9.643	-5.534
2,550.00	7.76	73.32	2,281.14	54.10	883.05	-883.05	9.746	-9.518	-12.232
2,600.00	3.35	50.00	2,330.90	56.01	887.41	-887.41	9.746	-8.835	-46.624
Max Backbuild 2600' MD									
2,650.00	3.10	311.77	2,380.85	57.85	887.52	-887.52	9.746	-0.500	-196.469
2,700.00	7.45	285.30	2,430.63	59.60	883.38	-883.38	9.746	8.699	-52.948
2,750.00	12.20	278.75	2,479.88	61.26	875.03	-875.03	9.746	9.502	-13.089
2,800.00	17.02	275.86	2,528.25	62.81	862.53	-862.53	9.746	9.639	-5.786
2,850.00	21.86	274.22	2,575.39	64.24	845.96	-845.96	9.746	9.685	-3.282
2,900.00	26.71	273.15	2,620.95	65.55	825.44	-825.44	9.746	9.706	-2.137
2,950.00	31.57	272.39	2,664.61	66.71	801.13	-801.13	9.746	9.718	-1.520
3,000.00	36.43	271.81	2,706.05	67.73	773.19	-773.19	9.746	9.725	-1.150
3,050.00	41.30	271.36	2,744.97	68.59	741.84	-741.84	9.746	9.729	-0.912
3,100.00	46.16	270.98	2,781.09	69.29	707.29	-707.29	9.746	9.732	-0.751
3,150.00	51.03	270.66	2,814.14	69.82	669.81	-669.81	9.746	9.734	-0.638
3,200.00	55.90	270.39	2,843.90	70.19	629.64	-629.64	9.746	9.736	-0.555
3,242.12	60.00	270.18	2,866.25	70.36	593.95	-593.95	9.746	9.737	-0.499
Hold: 60.00° Inc, 269.61° Azm									
3,300.00	60.00	270.18	2,895.19	70.51	543.83	-543.83	0.001	0.001	0.000
3,400.00	60.00	270.18	2,945.19	70.78	457.23	-457.23	0.000	0.000	0.000
3,442.12	60.00	270.18	2,966.25	70.89	420.75	-420.75	0.000	0.000	0.000



Aim Directional Services

Planning Report

Database:	EDM 5000.17-Aim-DB	Local Co-ordinate Reference:	Well Krauss 22 103H
Company:	Silverback Exploration	TVD Reference:	Well @ 3331.00usft (14'KB)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3331.00usft (14'KB)
Site:	Krauss 22 103H	North Reference:	Grid
Well:	Krauss 22 103H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Lateral 1r1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Build: 9.5°/100'									
3,450.00	60.71	270.18	2,970.15	70.91	413.90	-413.90	8.997	8.997	0.000
3,500.00	65.21	270.18	2,992.87	71.05	369.38	-369.38	9.000	9.000	0.000
3,550.00	69.71	270.18	3,012.03	71.19	323.21	-323.21	9.000	9.000	0.000
3,600.00	74.21	270.18	3,027.52	71.33	275.68	-275.68	9.000	9.000	0.000
3,650.00	78.71	270.18	3,039.22	71.48	227.08	-227.08	9.000	9.000	0.000
3,700.00	83.21	270.18	3,047.07	71.63	177.72	-177.72	9.000	9.000	0.000
3,750.00	87.71	270.18	3,051.03	71.79	127.89	-127.89	9.000	9.000	0.000
3,800.00	92.21	270.18	3,051.07	71.94	77.90	-77.90	9.000	9.000	0.000
3,819.76	93.99	270.18	3,050.00	72.00	58.17	-58.17	9.000	9.000	0.000
LP/Hold: 93.99° Inc, 269.61° Azm									
3,900.00	93.99	270.18	3,044.42	72.25	-21.88	21.88	0.000	0.000	0.000
4,000.00	93.99	270.18	3,037.47	72.55	-121.63	121.63	0.000	0.000	0.000
4,100.00	93.99	270.18	3,030.51	72.86	-221.39	221.39	0.000	0.000	0.000
4,119.76	93.99	270.18	3,029.14	72.92	-241.10	241.10	0.000	0.000	0.000
Turn: 2°/100'									
4,200.00	93.99	271.78	3,023.55	74.29	-321.13	321.13	2.000	0.008	2.005
4,300.00	94.00	273.79	3,016.58	79.14	-420.77	420.77	2.000	0.004	2.005
4,400.00	94.00	275.79	3,009.61	87.47	-520.17	520.17	2.000	-0.001	2.005
4,509.04	93.99	277.98	3,002.02	100.51	-628.15	628.15	2.000	-0.006	2.005
Hold: 93.99° Inc, 264.43° Azm									
4,600.00	93.99	277.98	2,995.69	113.11	-718.02	718.02	0.000	0.000	0.000
4,709.04	93.99	277.98	2,988.10	128.21	-825.74	825.74	0.000	0.000	0.000
Turn: 2°/100'									
4,800.00	93.99	276.16	2,981.77	139.37	-915.78	915.78	2.000	0.005	-2.005
4,900.00	93.99	274.15	2,974.80	148.33	-1,015.13	1,015.13	2.000	0.000	-2.005
5,000.00	93.99	272.15	2,967.84	153.81	-1,114.73	1,114.73	2.000	-0.005	-2.005
5,098.26	93.98	270.18	2,961.01	155.80	-1,212.73	1,212.73	2.000	-0.009	-2.005
Hold: 93.98° Inc, 270.18° Azm									
5,100.00	93.98	270.18	2,960.89	155.81	-1,214.47	1,214.47	0.000	0.000	0.000
5,200.00	93.98	270.18	2,953.94	156.11	-1,314.22	1,314.22	0.000	0.000	0.000
5,300.00	93.98	270.18	2,947.00	156.42	-1,413.98	1,413.98	0.000	0.000	0.000
5,400.00	93.98	270.18	2,940.06	156.73	-1,513.74	1,513.74	0.000	0.000	0.000
5,500.00	93.98	270.18	2,933.11	157.04	-1,613.50	1,613.50	0.000	0.000	0.000
5,600.00	93.98	270.18	2,926.17	157.35	-1,713.26	1,713.26	0.000	0.000	0.000
5,700.00	93.98	270.18	2,919.23	157.65	-1,813.02	1,813.02	0.000	0.000	0.000
5,800.00	93.98	270.18	2,912.29	157.96	-1,912.77	1,912.77	0.000	0.000	0.000
5,900.00	93.98	270.18	2,905.34	158.27	-2,012.53	2,012.53	0.000	0.000	0.000
6,000.00	93.98	270.18	2,898.40	158.58	-2,112.29	2,112.29	0.000	0.000	0.000
6,100.00	93.98	270.18	2,891.46	158.89	-2,212.05	2,212.05	0.000	0.000	0.000
6,200.00	93.98	270.18	2,884.51	159.19	-2,311.81	2,311.81	0.000	0.000	0.000
6,300.00	93.98	270.18	2,877.57	159.50	-2,411.57	2,411.57	0.000	0.000	0.000
6,400.00	93.98	270.18	2,870.63	159.81	-2,511.32	2,511.32	0.000	0.000	0.000
6,500.00	93.98	270.18	2,863.68	160.12	-2,611.08	2,611.08	0.000	0.000	0.000
6,600.00	93.98	270.18	2,856.74	160.43	-2,710.84	2,710.84	0.000	0.000	0.000
6,700.00	93.98	270.18	2,849.80	160.73	-2,810.60	2,810.60	0.000	0.000	0.000
6,800.00	93.98	270.18	2,842.86	161.04	-2,910.36	2,910.36	0.000	0.000	0.000
6,900.00	93.98	270.18	2,835.91	161.35	-3,010.11	3,010.11	0.000	0.000	0.000
7,000.00	93.98	270.18	2,828.97	161.66	-3,109.87	3,109.87	0.000	0.000	0.000
7,100.00	93.98	270.18	2,822.03	161.96	-3,209.63	3,209.63	0.000	0.000	0.000
7,200.00	93.98	270.18	2,815.08	162.27	-3,309.39	3,309.39	0.000	0.000	0.000
7,300.00	93.98	270.18	2,808.14	162.58	-3,409.15	3,409.15	0.000	0.000	0.000
7,400.00	93.98	270.18	2,801.20	162.89	-3,508.91	3,508.91	0.000	0.000	0.000



Aim Directional Services

Planning Report

Database:	EDM 5000.17-Aim-DB	Local Co-ordinate Reference:	Well Krauss 22 103H
Company:	Silverback Exploration	TVD Reference:	Well @ 3331.00usft (14'KB)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3331.00usft (14'KB)
Site:	Krauss 22 103H	North Reference:	Grid
Well:	Krauss 22 103H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Lateral 1r1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,500.00	93.98	270.18	2,794.25	163.20	-3,608.66	3,608.66	0.000	0.000	0.000
7,600.00	93.98	270.18	2,787.31	163.50	-3,708.42	3,708.42	0.000	0.000	0.000
7,700.00	93.98	270.18	2,780.37	163.81	-3,808.18	3,808.18	0.000	0.000	0.000
7,800.00	93.98	270.18	2,773.43	164.12	-3,907.94	3,907.94	0.000	0.000	0.000
7,900.00	93.98	270.18	2,766.48	164.43	-4,007.70	4,007.70	0.000	0.000	0.000
8,000.00	93.98	270.18	2,759.54	164.74	-4,107.45	4,107.45	0.000	0.000	0.000
8,100.00	93.98	270.18	2,752.60	165.04	-4,207.21	4,207.21	0.000	0.000	0.000
8,200.00	93.98	270.18	2,745.65	165.35	-4,306.97	4,306.97	0.000	0.000	0.000
8,300.00	93.98	270.18	2,738.71	165.66	-4,406.73	4,406.73	0.000	0.000	0.000
8,400.00	93.98	270.18	2,731.77	165.97	-4,506.49	4,506.49	0.000	0.000	0.000
8,500.00	93.98	270.18	2,724.82	166.28	-4,606.25	4,606.25	0.000	0.000	0.000
8,600.00	93.98	270.18	2,717.88	166.58	-4,706.00	4,706.00	0.000	0.000	0.000
8,700.00	93.98	270.18	2,710.94	166.89	-4,805.76	4,805.76	0.000	0.000	0.000
8,800.00	93.98	270.18	2,704.00	167.20	-4,905.52	4,905.52	0.000	0.000	0.000
8,900.00	93.98	270.18	2,697.05	167.51	-5,005.28	5,005.28	0.000	0.000	0.000
8,915.16	93.98	270.18	2,696.00	167.55	-5,020.40	5,020.40	0.000	0.000	0.000
PBHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Maximum BackBuild -	0.00	360.00	2,330.90	55.91	887.39	630,080.10	533,492.60	32.73213	-104.35885
- plan misses target center by 0.09usft at 2600.00usft MD (2330.89 TVD, 56.01 N, 887.41 E)									
- Point									
LTP/BHL - Lateral 1r1	0.00	360.00	2,696.00	167.55	-5,020.40	630,191.74	527,584.81	32.73243	-104.37806
- plan hits target center									
- Point									
FTP - Lateral 1r1 - Krz	0.00	360.00	3,050.00	152.00	58.01	630,176.19	532,663.22	32.73239	-104.36155
- plan misses target center by 80.00usft at 3820.17usft MD (3049.97 TVD, 72.00 N, 57.76 E)									
- Point									

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
500.00	500.00	0.00	0.00	Build: 3.249°/100'
1,911.71	1,765.73	28.82	534.67	Hold: 48.25° Inc, 80.74° Azm
2,156.51	1,936.21	38.27	710.10	KOP: 9.5°/100' @ 2121.37' MD
2,600.00	2,330.90	56.01	887.41	Max Backbuild 2600'MD
3,242.12	2,866.25	70.36	593.95	Hold: 60.00° Inc, 269.61° Azm
3,442.12	2,966.25	70.89	420.75	Build: 9.5°/100'
3,819.76	3,050.00	72.00	58.17	LP/Hold: 93.99° Inc, 269.61° Azm
4,119.76	3,029.14	72.92	-241.10	Turn: 2°/100'
4,509.04	3,002.02	100.51	-628.15	Hold: 93.99° Inc, 264.43° Azm
4,709.04	2,988.10	128.21	-825.74	Turn: 2°/100'
5,098.26	2,961.01	155.80	-1,212.73	Hold: 93.98° Inc, 270.18° Azm
8,915.16	2,696.00	167.55	-5,020.40	PBHL

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
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 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

CONDITIONS

Action 272329

CONDITIONS

Operator: Silverback Operating II, LLC 19707 IH10 West, Suite 201 San Antonio, TX 78256	OGRID: 330968
	Action Number: 272329
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Original COA's still apply.	11/1/2023