

Submit 1 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. 30-015-49494
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 IH10 West, Suite 201 San Antonio, TX 78257		7. Lease Name or Unit Agreement Name Schudde 27
4. Well Location Unit Letter <u>D</u> : <u>970</u> feet from the <u>North</u> line and <u>435</u> feet from the <u>West</u> line Section <u>26</u> Township <u>18S</u> Range <u>26E</u> NMPM County <u>Eddy</u>		8. Well Number 201H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3313' GL		9. OGRID Number 330968
		10. Pool name or Wildcat Atoka; Glorieta-Yeso [3250]

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
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 requests to change the well name from "Schudde 27 #201H" to "Shudde 27 #201H". Please see the attached revised C102 and Directional Plan that reflect the correct well name.

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 Cory Walk TITLE Agent DATE 05-10-2022

Type or print name Cory Walk E-mail address: cory@permitswest.com PHONE: 505-466-8120

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Specialist DATE 5/16/2022

Conditions of Approval (if any):

DISTRICT I1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6181 Fax: (575) 393-0720**DISTRICT II**811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720**DISTRICT III**1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170**DISTRICT IV**1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 476-3480 Fax: (505) 476-3482State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, N.M. 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 30-015-49494	² Pool Code 3250	³ Pool Name Atoka; Glorieta-Yeso
⁴ Property Code 332811	⁵ Property Name Shudde 27	⁶ Well Number 201H
⁷ OGRID No. 330968	⁸ Operator Name Silverback Operating II, LLC	⁹ Elevation 3313

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
D	26	18 S	26 E		970	North	435	West	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
D	27	18 S	26 E		660	North	100	West	Eddy

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

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Legend:

- = Surface Location
- = Bottom Hole Location
- △ = First Take Point (FTP)
- = Last Take Point (LTP)
- ⊙ = Found Rebar
- ⊙ = Found Spike At Hwy.
- ⊙ = Found 1" Iron Pipe
- ◇ = Cotton Spindle in Hwy.
- ▨ = Found 8x6x6 Limestone
- = Calc. Corner

SURFACE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 626906.53 N
X= 533187.61 E
LAT.= 32.7234030° N
LONG.= 104.3598345° W

FIRST TAKE POINT
NAD 83 NMSPC ZONE 3001
Y= 627218.20 N
X= 532653.41 E
LAT.= 32.7242592° N
LONG.= 104.3615718° W

LAST TAKE POINT
NAD 83 NMSPC ZONE 3001
Y= 627242.45 N
X= 527561.33 E
LAT.= 32.7243211° N
LONG.= 104.3781300° W

BOTTOM HOLE LOCATION
NAD 83 NMSPC ZONE 3001
Y= 627242.45 N
X= 527561.33 E
LAT.= 32.7243211° N
LONG.= 104.3781300° W

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.

Cory Walk **5/10/2022**
Signature Date

Cory Walk
Printed Name

cory@permitswest.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.

2/27/22
Date of Survey

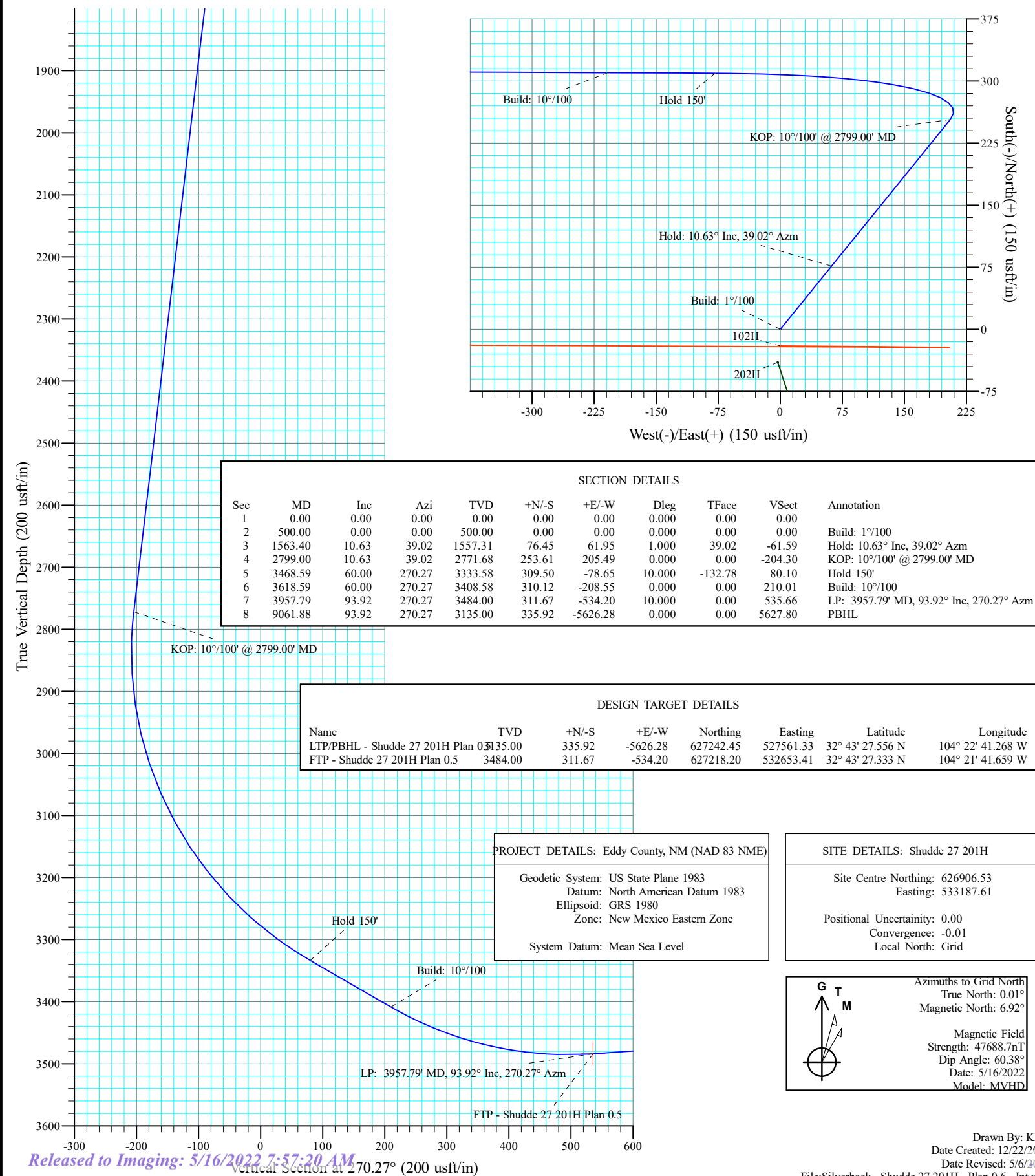
Plat Revised: 5/9/22
Signature and Seal of Professional Surveyor:

JONAVUKONEN
NEW MEXICO
14831
PROFESSIONAL SURVEYOR

Jonavukonen **5/9/22**
Certificate Number



Shudde 27 201H
Eddy County, NM (NAD 83 NME)
Job No. WT-22-093
Plan 0.6





**Shudde 27 201H
Eddy County, NM (NAD 83 NME)
Job No. WT-22-093
Plan 0.6**

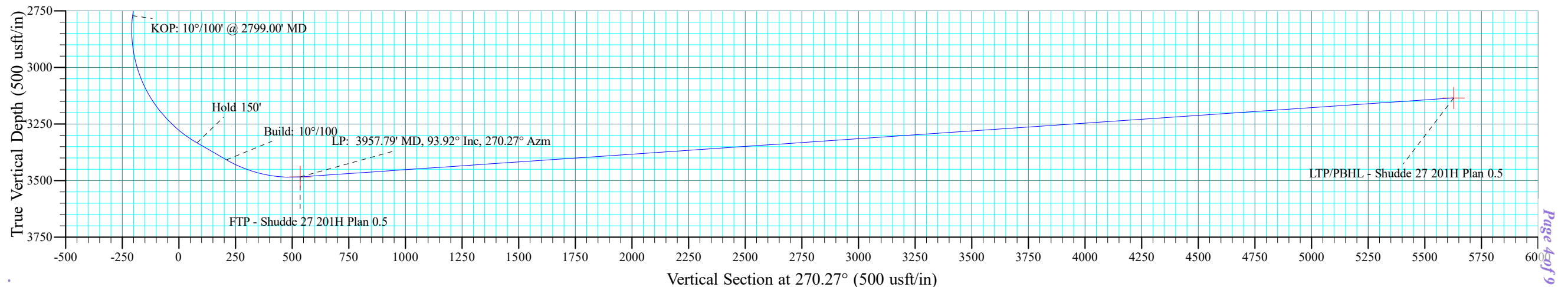
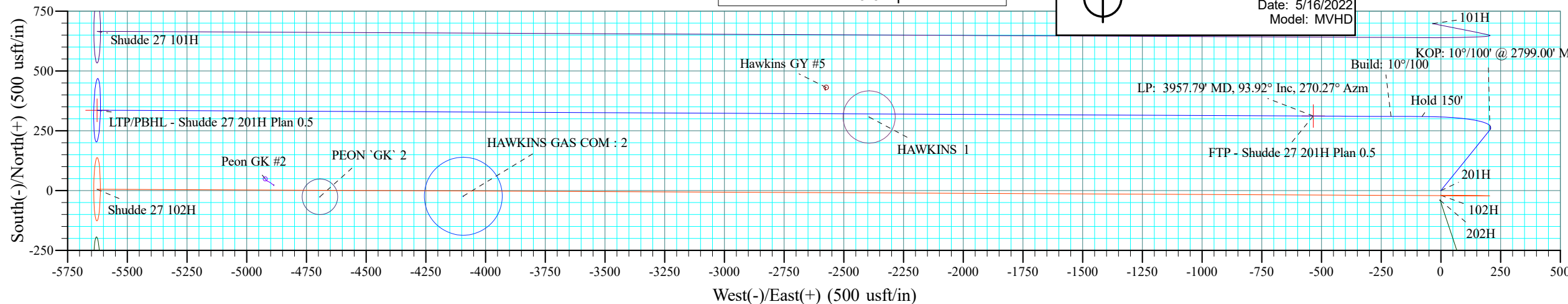


A diagram showing a circle with a vertical radius line extending upwards from the center to the top edge, labeled with the letter 'G'.

Magnetic Field
Strength: 47688.7nT
Dip Angle: 60.38°
Date: 5/16/2022
Model: MVHD

Drawn By: KRN
Date Created: 12/22/2021
Date Revised: 5/6/2022
File: Silverback - Shudde 27 201H
- Plan 0.6.wpc

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
LTP/PBHL - Shudde 27 201H Plan 0.5	3135.00	335.92	-5626.28	627242.45	527561.33	32° 43' 27.556 N	104° 22' 41.268 W
LTP - Shudde 27 201H Plan 0.5	3484.00	311.67	-534.20	627218.20	532653.41	32° 43' 27.333 N	104° 21' 41.659 W





Aim Directional Services, LLC

Planning Report



Database:	RTOC- EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 201H
Company:	Silverback Exploration	TVD Reference:	Well @ 3337.75usft (18.75'KB)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3337.75usft (18.75'KB)
Site:	Shudde 27 201H	North Reference:	Grid
Well:	201H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Planning		
Design:	Plan 0.6		

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		Shudde 27 201H			
Site Position:		Northing:	626,906.53 usft	Latitude:	32° 43' 24.251 N
From:	Map	Easting:	533,187.61 usft	Longitude:	104° 21' 35.404 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.01 °

Well	201H					
Well Position	+N/-S	0.00 usft	Northing:	626,906.53 usft	Latitude:	32° 43' 24.251 N
	+E/-W	0.00 usft	Easting:	533,187.61 usft	Longitude:	104° 21' 35.404 W
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	3,319.00 usft

Wellbore	Planning				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	5/16/2022	6.90	60.38	47,688.656

Design	Plan 0.6			
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	270.27

Plan Survey Tool Program	Date	5/5/2022		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	9,061.88	Plan 0.6 (Planning)	MWD+HRGM
				OWSG MWD + HRGM

Plan Sections										
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	
1,563.40	10.63	39.02	1,557.31	76.45	61.95	1.000	1.000	0.000	39.02	
2,799.00	10.63	39.02	2,771.69	253.61	205.49	0.000	0.000	0.000	0.00	
3,468.59	60.00	270.27	3,333.58	309.50	-78.65	10.000	7.373	-19.227	-132.78	
3,618.59	60.00	270.27	3,408.58	310.12	-208.55	0.000	0.000	0.000	0.00	
3,957.79	93.92	270.27	3,484.00	311.67	-534.20	10.000	10.000	0.000	0.00	FTP - Shudde 27 201H
9,061.88	93.92	270.27	3,135.00	335.92	-5,626.28	0.000	0.000	0.000	0.00	LTP/PBHL - Shudde 27 201H



Aim Directional Services, LLC

Planning Report



Database:	RTOC- EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 201H
Company:	Silverback Exploration	TVD Reference:	Well @ 3337.75usft (18.75'KB)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3337.75usft (18.75'KB)
Site:	Shudde 27 201H	North Reference:	Grid
Well:	201H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Planning		
Design:	Plan 0.6		

Planned Survey									
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)
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: 1°/100									
600.00	1.00	39.02	599.99	0.68	0.55	-0.55	1.000	1.000	0.000
700.00	2.00	39.02	699.96	2.71	2.20	-2.18	1.000	1.000	0.000
800.00	3.00	39.02	799.86	6.10	4.94	-4.91	1.000	1.000	0.000
900.00	4.00	39.02	899.68	10.84	8.79	-8.74	1.000	1.000	0.000
1,000.00	5.00	39.02	999.37	16.94	13.73	-13.65	1.000	1.000	0.000
1,100.00	6.00	39.02	1,098.90	24.39	19.76	-19.64	1.000	1.000	0.000
1,200.00	7.00	39.02	1,198.26	33.18	26.89	-26.73	1.000	1.000	0.000
1,300.00	8.00	39.02	1,297.40	43.32	35.10	-34.90	1.000	1.000	0.000
1,400.00	9.00	39.02	1,396.30	54.81	44.41	-44.15	1.000	1.000	0.000
1,500.00	10.00	39.02	1,494.93	67.63	54.80	-54.48	1.000	1.000	0.000
1,563.40	10.63	39.02	1,557.31	76.45	61.95	-61.59	1.000	1.000	0.000
Hold: 10.63° Inc, 39.02° Azm									
1,600.00	10.63	39.02	1,593.28	81.70	66.20	-65.81	0.000	0.000	0.000
1,700.00	10.63	39.02	1,691.56	96.04	77.82	-77.36	0.000	0.000	0.000
1,800.00	10.63	39.02	1,789.84	110.38	89.44	-88.91	0.000	0.000	0.000
1,900.00	10.63	39.02	1,888.12	124.71	101.05	-100.46	0.000	0.000	0.000
2,000.00	10.63	39.02	1,986.41	139.05	112.67	-112.01	0.000	0.000	0.000
2,100.00	10.63	39.02	2,084.69	153.39	124.29	-123.56	0.000	0.000	0.000
2,200.00	10.63	39.02	2,182.97	167.73	135.91	-135.11	0.000	0.000	0.000
2,300.00	10.63	39.02	2,281.25	182.06	147.52	-146.66	0.000	0.000	0.000
2,400.00	10.63	39.02	2,379.54	196.40	159.14	-158.21	0.000	0.000	0.000
2,500.00	10.63	39.02	2,477.82	210.74	170.76	-169.76	0.000	0.000	0.000
2,600.00	10.63	39.02	2,576.10	225.08	182.38	-181.31	0.000	0.000	0.000
2,700.00	10.63	39.02	2,674.39	239.41	193.99	-192.86	0.000	0.000	0.000
2,799.00	10.63	39.02	2,771.69	253.61	205.49	-204.30	0.000	0.000	0.000
KOP: 10°/100' @ 2799.00' MD									
2,850.00	8.08	11.35	2,822.03	260.78	209.16	-207.93	10.000	-5.010	-54.244
2,900.00	8.28	335.68	2,871.55	267.51	208.37	-207.11	10.000	0.405	-71.355
2,950.00	11.03	310.30	2,920.86	273.89	203.24	-201.95	10.000	5.490	-50.750
3,000.00	14.98	296.48	2,969.58	279.87	193.80	-192.48	10.000	7.899	-27.638
3,050.00	19.41	288.58	3,017.34	285.40	180.14	-178.79	10.000	8.863	-15.805
3,100.00	24.06	283.58	3,063.78	290.44	162.35	-160.98	10.000	9.298	-10.000
3,150.00	28.82	280.13	3,108.54	294.96	140.57	-139.17	10.000	9.522	-6.889
3,200.00	33.64	277.60	3,151.28	298.91	114.96	-113.55	10.000	9.651	-5.067
3,250.00	38.51	275.64	3,191.68	302.27	85.72	-84.30	10.000	9.731	-3.923
3,300.00	43.40	274.06	3,229.44	305.02	53.08	-51.64	10.000	9.783	-3.163
3,350.00	48.31	272.74	3,264.25	307.13	17.27	-15.82	10.000	9.820	-2.637
3,400.00	53.23	271.61	3,295.86	308.59	-21.42	22.87	10.000	9.846	-2.262
3,450.00	58.16	270.61	3,324.03	309.38	-62.70	64.16	10.000	9.864	-1.988
3,468.59	60.00	270.27	3,333.58	309.50	-78.65	80.10	10.000	9.875	-1.841
Hold 150'									
3,500.00	60.00	270.27	3,349.29	309.63	-105.85	107.31	0.000	0.000	0.000
3,600.00	60.00	270.27	3,399.29	310.04	-192.45	193.91	0.000	0.000	0.000
3,618.59	60.00	270.27	3,408.58	310.12	-208.55	210.01	0.000	0.000	0.000
Build: 10°/100									
3,650.00	63.14	270.27	3,423.53	310.25	-236.17	237.63	10.000	10.000	0.000



Aim Directional Services, LLC

Planning Report



Database:	RTOC- EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 201H
Company:	Silverback Exploration	TVD Reference:	Well @ 3337.75usft (18.75'KB)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3337.75usft (18.75'KB)
Site:	Shudde 27 201H	North Reference:	Grid
Well:	201H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Planning		
Design:	Plan 0.6		

Planned Survey										
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)	
3,700.00	68.14	270.27	3,444.15	310.47	-281.70	283.16	10.000	10.000	0.000	
3,750.00	73.14	270.27	3,460.72	310.69	-328.86	330.32	10.000	10.000	0.000	
3,800.00	78.14	270.27	3,473.11	310.92	-377.28	378.75	10.000	10.000	0.000	
3,850.00	83.14	270.27	3,481.24	311.16	-426.60	428.06	10.000	10.000	0.000	
3,900.00	88.14	270.27	3,485.04	311.39	-476.44	477.90	10.000	10.000	0.000	
3,950.00	93.14	270.27	3,484.48	311.63	-526.42	527.89	10.000	10.000	0.000	
3,957.79	93.92	270.27	3,484.00	311.67	-534.20	535.66	10.000	10.000	0.000	
LP: 3957.79' MD, 93.92° Inc, 270.27° Azm										
4,000.00	93.92	270.27	3,481.11	311.87	-576.31	577.77	0.000	0.000	0.000	
4,100.00	93.92	270.27	3,474.28	312.35	-676.07	677.54	0.000	0.000	0.000	
4,200.00	93.92	270.27	3,467.44	312.82	-775.84	777.30	0.000	0.000	0.000	
4,300.00	93.92	270.27	3,460.60	313.30	-875.60	877.07	0.000	0.000	0.000	
4,400.00	93.92	270.27	3,453.76	313.77	-975.37	976.84	0.000	0.000	0.000	
4,500.00	93.92	270.27	3,446.93	314.25	-1,075.13	1,076.60	0.000	0.000	0.000	
4,600.00	93.92	270.27	3,440.09	314.72	-1,174.90	1,176.37	0.000	0.000	0.000	
4,700.00	93.92	270.27	3,433.25	315.20	-1,274.66	1,276.13	0.000	0.000	0.000	
4,800.00	93.92	270.27	3,426.41	315.67	-1,374.43	1,375.90	0.000	0.000	0.000	
4,900.00	93.92	270.27	3,419.58	316.15	-1,474.19	1,475.67	0.000	0.000	0.000	
5,000.00	93.92	270.27	3,412.74	316.62	-1,573.96	1,575.43	0.000	0.000	0.000	
5,100.00	93.92	270.27	3,405.90	317.10	-1,673.72	1,675.20	0.000	0.000	0.000	
5,200.00	93.92	270.27	3,399.06	317.57	-1,773.49	1,774.96	0.000	0.000	0.000	
5,300.00	93.92	270.27	3,392.22	318.05	-1,873.25	1,874.73	0.000	0.000	0.000	
5,400.00	93.92	270.27	3,385.39	318.52	-1,973.02	1,974.49	0.000	0.000	0.000	
5,500.00	93.92	270.27	3,378.55	319.00	-2,072.78	2,074.26	0.000	0.000	0.000	
5,600.00	93.92	270.27	3,371.71	319.47	-2,172.55	2,174.03	0.000	0.000	0.000	
5,700.00	93.92	270.27	3,364.87	319.95	-2,272.31	2,273.79	0.000	0.000	0.000	
5,800.00	93.92	270.27	3,358.04	320.42	-2,372.08	2,373.56	0.000	0.000	0.000	
5,900.00	93.92	270.27	3,351.20	320.90	-2,471.84	2,473.32	0.000	0.000	0.000	
6,000.00	93.92	270.27	3,344.36	321.37	-2,571.60	2,573.09	0.000	0.000	0.000	
6,100.00	93.92	270.27	3,337.52	321.85	-2,671.37	2,672.86	0.000	0.000	0.000	
6,200.00	93.92	270.27	3,330.69	322.32	-2,771.13	2,772.62	0.000	0.000	0.000	
6,300.00	93.92	270.27	3,323.85	322.80	-2,870.90	2,872.39	0.000	0.000	0.000	
6,400.00	93.92	270.27	3,317.01	323.27	-2,970.66	2,972.15	0.000	0.000	0.000	
6,500.00	93.92	270.27	3,310.17	323.75	-3,070.43	3,071.92	0.000	0.000	0.000	
6,600.00	93.92	270.27	3,303.33	324.22	-3,170.19	3,171.69	0.000	0.000	0.000	
6,700.00	93.92	270.27	3,296.50	324.70	-3,269.96	3,271.45	0.000	0.000	0.000	
6,800.00	93.92	270.27	3,289.66	325.17	-3,369.72	3,371.22	0.000	0.000	0.000	
6,900.00	93.92	270.27	3,282.82	325.65	-3,469.49	3,470.98	0.000	0.000	0.000	
7,000.00	93.92	270.27	3,275.98	326.12	-3,569.25	3,570.75	0.000	0.000	0.000	
7,100.00	93.92	270.27	3,269.15	326.60	-3,669.02	3,670.52	0.000	0.000	0.000	
7,200.00	93.92	270.27	3,262.31	327.07	-3,768.78	3,770.28	0.000	0.000	0.000	
7,300.00	93.92	270.27	3,255.47	327.55	-3,868.55	3,870.05	0.000	0.000	0.000	
7,400.00	93.92	270.27	3,248.63	328.02	-3,968.31	3,969.81	0.000	0.000	0.000	
7,500.00	93.92	270.27	3,241.80	328.50	-4,068.08	4,069.58	0.000	0.000	0.000	
7,600.00	93.92	270.27	3,234.96	328.97	-4,167.84	4,169.35	0.000	0.000	0.000	
7,700.00	93.92	270.27	3,228.12	329.45	-4,267.61	4,269.11	0.000	0.000	0.000	
7,800.00	93.92	270.27	3,221.28	329.92	-4,367.37	4,368.88	0.000	0.000	0.000	
7,900.00	93.92	270.27	3,214.45	330.40	-4,467.14	4,468.64	0.000	0.000	0.000	
8,000.00	93.92	270.27	3,207.61	330.87	-4,566.90	4,568.41	0.000	0.000	0.000	
8,100.00	93.92	270.27	3,200.77	331.35	-4,666.67	4,668.18	0.000	0.000	0.000	
8,200.00	93.92	270.27	3,193.93	331.83	-4,766.43	4,767.94	0.000	0.000	0.000	
8,300.00	93.92	270.27	3,187.09	332.30	-4,866.20	4,867.71	0.000	0.000	0.000	
8,400.00	93.92	270.27	3,180.26	332.78	-4,965.96	4,967.47	0.000	0.000	0.000	



Aim Directional Services, LLC

Planning Report



Database:	RTOC- EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 201H
Company:	Silverback Exploration	TVD Reference:	Well @ 3337.75usft (18.75'KB)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3337.75usft (18.75'KB)
Site:	Shudde 27 201H	North Reference:	Grid
Well:	201H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Planning		
Design:	Plan 0.6		

Planned Survey									
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)
8,500.00	93.92	270.27	3,173.42	333.25	-5,065.73	5,067.24	0.000	0.000	0.000
8,600.00	93.92	270.27	3,166.58	333.73	-5,165.49	5,167.01	0.000	0.000	0.000
8,700.00	93.92	270.27	3,159.74	334.20	-5,265.26	5,266.77	0.000	0.000	0.000
8,800.00	93.92	270.27	3,152.91	334.68	-5,365.02	5,366.54	0.000	0.000	0.000
8,900.00	93.92	270.27	3,146.07	335.15	-5,464.78	5,466.30	0.000	0.000	0.000
9,000.00	93.92	270.27	3,139.23	335.63	-5,564.55	5,566.07	0.000	0.000	0.000
9,061.88	93.92	270.27	3,135.00	335.92	-5,626.28	5,627.80	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
LTP/PBHL - Shudde 2 - hit/miss target - Shape - Point	0.00	360.00	3,135.00	335.92	-5,626.28	627,242.45	527,561.33	32° 43' 27.556 N	104° 22' 41.268 W
FTP - Shudde 27 201 - plan hits target center - Point	0.00	360.00	3,484.00	311.67	-534.20	627,218.20	532,653.41	32° 43' 27.333 N	104° 21' 41.659 W

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,201.75	1,200.00	Casing	9-5/8	12-1/4	

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
500.00	500.00	0.00	0.00	Build: 1°/100
1,563.40	1,557.31	76.45	61.95	Hold: 10.63° Inc, 39.02° Azm
2,799.00	2,771.69	253.61	205.49	KOP: 10°/100' @ 2799.00' MD
3,468.59	3,333.58	309.50	-78.65	Hold 150'
3,618.59	3,408.58	310.12	-208.55	Build: 10°/100
3,957.79	3,484.00	311.67	-534.20	LP: 3957.79' MD, 93.92° Inc, 270.27° Azm
9,061.88	3,135.00	335.92	-5,626.28	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
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
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 105659

CONDITIONS

Operator: Silverback Operating II, LLC IH10 West, Suite 201 San Antonio, TX 78257	OGRID: 330968
	Action Number: 105659
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	5/16/2022