

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

WELL API NO. 30-015-50112
5. Indicate Type of Lease STATE [X] FEE []
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name BOYD X STATE COM
8. Well Number 203H
9. OGRID Number 330968
10. Pool name or Wildcat N. SEVEN RIVERS; GLORIETA-YESO
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3477' GR

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.)
1. Type of Well: Oil Well [X] Gas Well [] Other []
2. Name of Operator Silverback Operating II, LLC
3. Address of Operator IH10 West Suite 201, San Antonio, TX 78257
4. Well Location
Unit Letter L : 1960 feet from the SOUTH line and 284 feet from the WEST line
Section 15 Township 19 S Range 25 E NMPM County EDDY

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON []
TEMPORARILY ABANDON [] CHANGE PLANS [X]
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: Revised C-102 for BHL []
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
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 submit a revised C-102 and directional plan since we have changed the BHL location, New TD is 8876'.

Please see the correct attached C-102 and directional plan.

Spud Date: Est. 12/20/22

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 12/06/2022

Type or print name 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
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

¹ API Number 30-015-50112		² Pool Code 97565		³ Pool Name N. SEVEN RIVERS; GLORIETA-YESO	
⁴ Property Code 331817		⁵ Property Name BOYD X STATE COM			⁶ Well Number 203H
⁷ OGRID No. 330968		⁸ Operator Name SILVERBACK EXPLORATION II, LLC			⁹ Elevation 3,477'

¹⁰ Surface Location

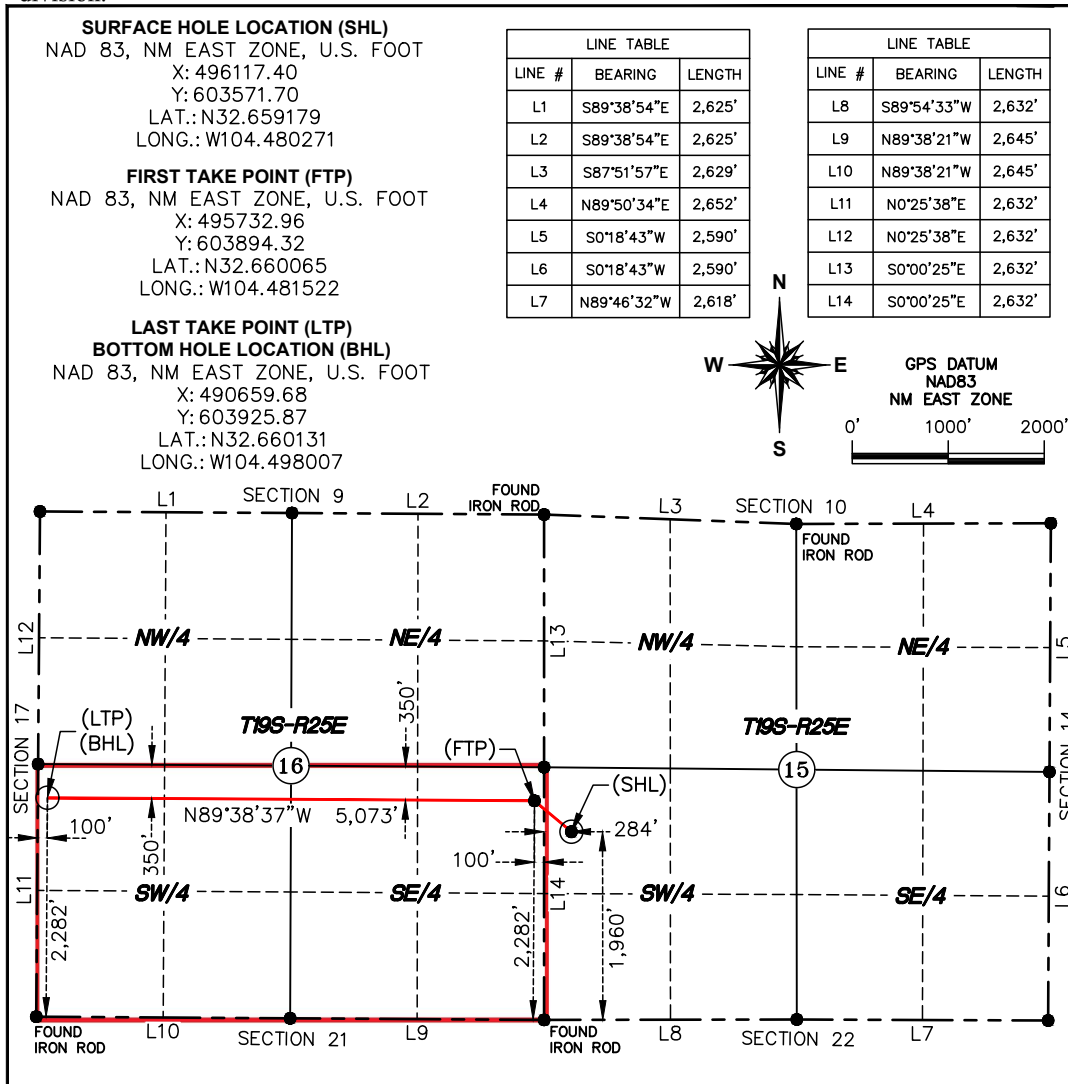
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	19-S	25-E		1,960'	SOUTH	284'	WEST	EDDY

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
L	16	19-S	25-E		2,282'	SOUTH	100'	WEST	EDDY

¹² Dedicated Acres 320	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.

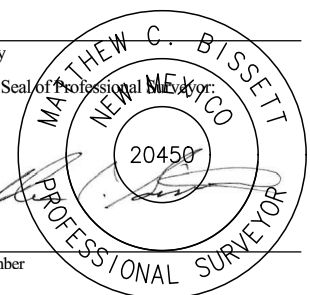
Fatma Abdallah 12/6/2022
Signature Date

Fatma Abdallah
Printed Name
fabdallah@silverbackexp.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.

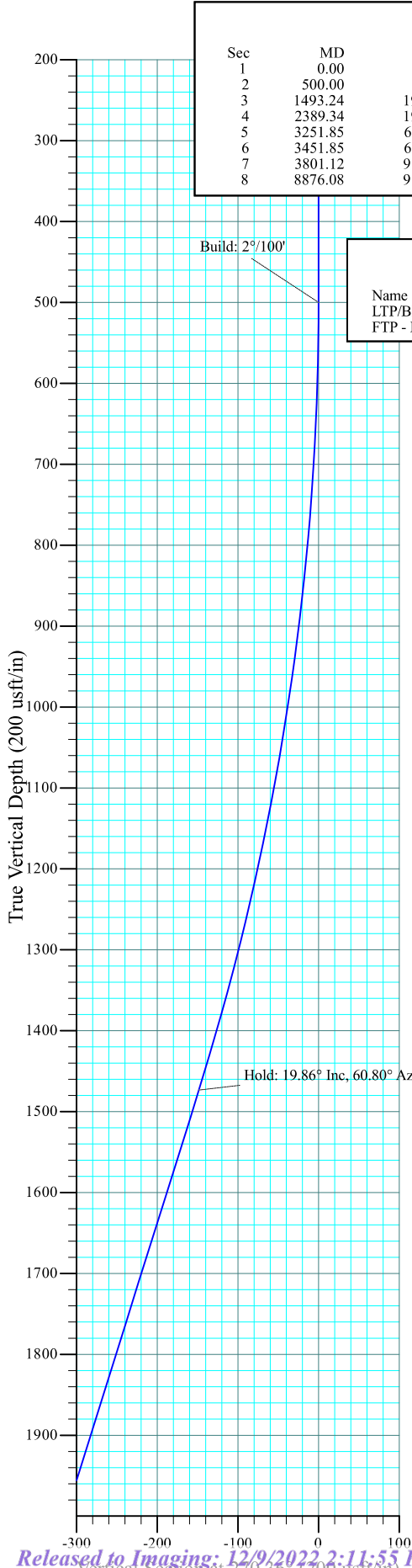
12/1/22
Date of Survey
Signature and Seal of Professional Surveyor:



20450
Certificate Number



Boyd X State Com 203H
Eddy County, NM (NAD 83 NME)
Job No. WT-22-***
Plan 0.3



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: 2°/100'
3	1493.24	19.86	60.80	1473.46	83.17	148.79	2.000	60.80	-148.27	Hold: 19.86° Inc, 60.80° Azm
4	2389.34	19.86	60.80	2316.24	231.75	414.58	0.000	0.00	-413.12	KOP: 9°/100' @ 2389.34' MD
5	3251.85	60.00	270.36	3053.91	319.44	123.00	9.000	-154.06	-120.99	Hold: 60.00° Inc, 270.36° Azm
6	3451.85	60.00	270.36	3153.91	320.53	-50.21	0.000	0.00	52.22	Build: 9°/100'
7	3801.12	91.43	270.36	3239.00	322.62	-384.44	9.000	-0.01	386.46	LP/Hold: 91.43° Inc, 270.36° Azm
8	8876.08	91.43	270.36	3112.00	354.17	-5457.72	0.000	0.00	5459.84	PBHL

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
LTP/BHL - Boyd X State Com 203H Plan 0.3	33112.00	354.17	-5457.72	603925.87	490659.68	32° 39' 36.471 N	104° 29' 52.826 W
FTP - Boyd X State Com 203H Plan 0.3	3239.00	322.62	-384.44	603894.32	495732.96	32° 39' 36.232 N	104° 28' 53.478 W

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

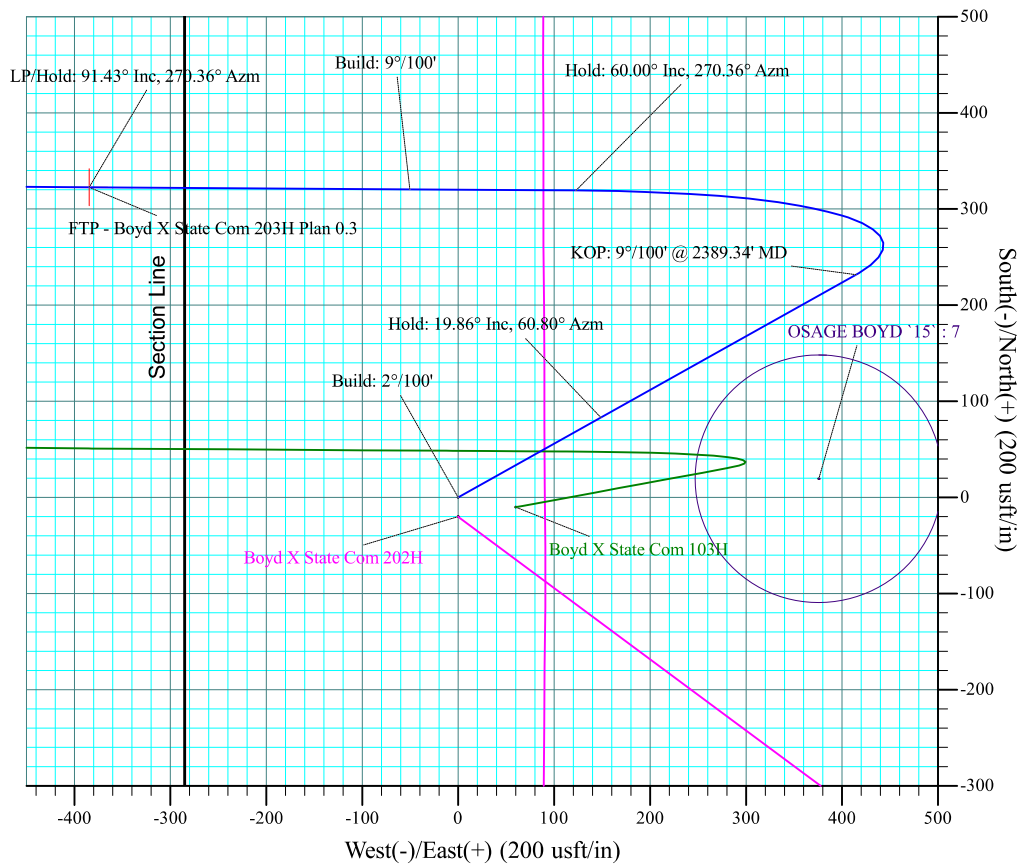
SITE DETAILS: Boyd X State Com 203H

Site Centre Northing: 603571.70
 Easting: 496117.40

Positional Uncertainty: 0.00
 Convergence: -0.08
 Local North: Grid

Azimuths to Grid North
 True North: 0.08°
 Magnetic North: 7.01°

Magnetic Field
 Strength: 47679.4nT
 Dip Angle: 60.29°
 Date: 12/5/2022
 Model: MVHD



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target	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: 2°/100'
3	1493.24	19.86	60.80	1473.46	83.17	148.79	2.000	60.80	-148.27		Hold: 19.86° Inc, 60.80° Azm
4	2389.34	19.86	60.80	2316.24	231.75	414.58	0.000	0.00	-413.12		KOP: 9°/100' @ 2389.34' MD
5	3251.85	60.00	270.36	3053.91	319.44	123.00	9.000	-154.06	-120.99		Hold: 60.00° Inc, 270.36° Azm
6	3451.85	60.00	270.36	3153.91	320.53	-50.21	0.000	0.00	52.22		Build: 9°/100'
7	3801.12	91.43	270.36	3239.00	322.62	-384.44	9.000	-0.01	386.46	FTP - Boyd X State Com 203H Plan 0.3	LP/Hold: 91.43° Inc, 270.36° Azm
8	8876.08	91.43	270.36	3112.00	354.17	-5457.72	0.000	0.00	5459.84	LTP/BHL - Boyd X State Com 203H Plan 0.3	PBHL

SITE DETAILS: Boyd X State Com 203H

Site Centre Northing: 603571.70
 Easting: 496117.40

Positional Uncertainty: 0.00
 Convergence: -0.08
 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

Drawn By: PBR

Date Created: 10/13/2022

Date Revised: 12/6/2022

File: Silverback - Boyd X State Com 203H
 Plan 0.3.wpc

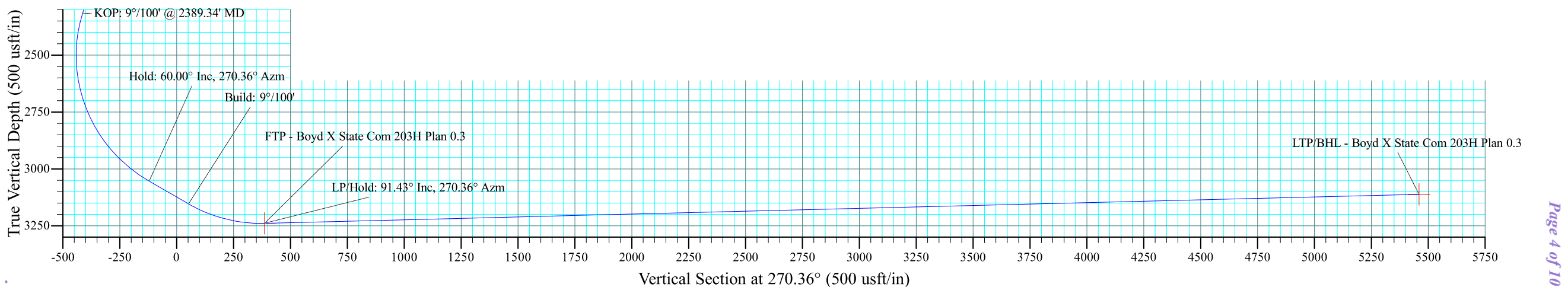
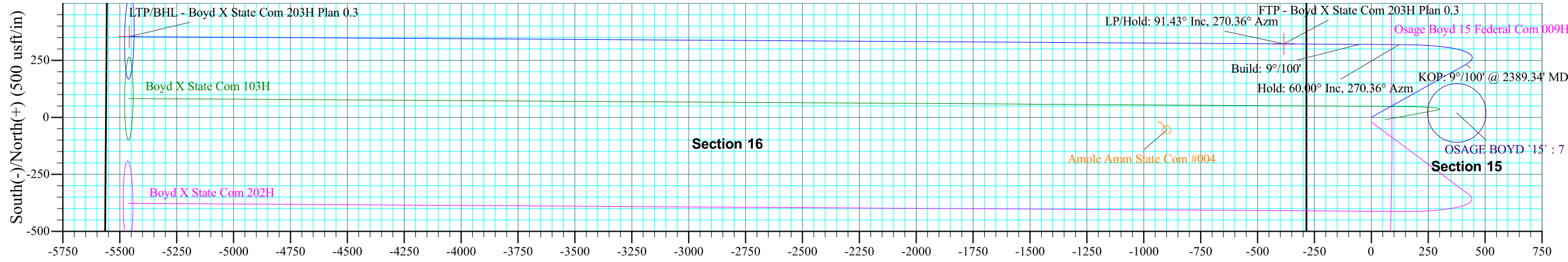


Azimuths to Grid North
 True North: 0.00°
 Magnetic North: 7.00°

Magnetic Field
 Strength: 47679.4nT
 Dip Angle: 60.29°
 Date: 12/5/2022
 Model: MVHD

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
LTP/BHL - Boyd X State Com 203H Plan 0.3	3112.00	354.17	-5457.72	603925.87	490659.68	32° 39' 36.471 N	104° 29' 52.826 W
FTP - Boyd X State Com 203H Plan 0.3	3239.00	322.62	-384.44	603894.32	495732.96	32° 39' 36.232 N	104° 28' 53.478 W





Silverback Exploration

Eddy County, NM (NAD 83 NME)

Boyd X State Com 203H

Boyd X State Com 203H

OH

Plan: Plan 0.3

Standard Planning Report

06 December, 2022



Aim Directional Services
Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Boyd X State Com 203H
Company:	Silverback Exploration	TVD Reference:	Well @ 3491.00usft (Precision 826)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3491.00usft (Precision 826)
Site:	Boyd X State Com 203H	North Reference:	Grid
Well:	Boyd X State Com 203H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 0.3		

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	Boyd X State Com 203H				
Site Position:		Northing:	603,571.70 usft	Latitude:	32° 39' 33.045 N
From:	Map	Easting:	496,117.40 usft	Longitude:	104° 28' 48.976 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.08 °

Well	Boyd X State Com 203H					
Well Position	+N/-S	0.00 usft	Northing:	603,571.70 usft	Latitude:	32° 39' 33.045 N
	+E/-W	0.00 usft	Easting:	496,117.40 usft	Longitude:	104° 28' 48.976 W
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	3,477.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	12/5/2022	6.93	60.29	47,679.425

Design	Plan 0.3			
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	270.36

Plan Survey Tool Program	Date	12/6/2022		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	8,876.08 Plan 0.3 (OH)	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	
1,493.24	19.86	60.80	1,473.46	83.17	148.79	2.000	2.000	0.000	60.80	
2,389.34	19.86	60.80	2,316.24	231.75	414.58	0.000	0.000	0.000	0.00	
3,251.85	60.00	270.36	3,053.91	319.44	123.00	9.000	4.653	-17.441	-154.06	
3,451.85	60.00	270.36	3,153.91	320.53	-50.21	0.000	0.000	0.000	0.00	
3,801.12	91.43	270.36	3,239.00	322.62	-384.44	9.000	9.000	0.000	-0.01	FTP - Boyd X State
8,876.08	91.43	270.36	3,112.00	354.17	-5,457.72	0.000	0.000	0.000	0.00	LTP/BHL - Boyd X State



Aim Directional Services Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Boyd X State Com 203H
Company:	Silverback Exploration	TVD Reference:	Well @ 3491.00usft (Precision 826)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3491.00usft (Precision 826)
Site:	Boyd X State Com 203H	North Reference:	Grid
Well:	Boyd X State Com 203H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 0.3		

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: 2°/100'									
600.00	2.00	60.80	599.98	0.85	1.52	-1.52	2.000	2.000	0.000
700.00	4.00	60.80	699.84	3.41	6.09	-6.07	2.000	2.000	0.000
800.00	6.00	60.80	799.45	7.66	13.70	-13.65	2.000	2.000	0.000
900.00	8.00	60.80	898.70	13.60	24.34	-24.25	2.000	2.000	0.000
1,000.00	10.00	60.80	997.47	21.24	37.99	-37.86	2.000	2.000	0.000
1,100.00	12.00	60.80	1,095.62	30.55	54.64	-54.45	2.000	2.000	0.000
1,200.00	14.00	60.80	1,193.06	41.52	74.28	-74.02	2.000	2.000	0.000
1,300.00	16.00	60.80	1,289.64	54.15	96.87	-96.53	2.000	2.000	0.000
1,400.00	18.00	60.80	1,385.27	68.41	122.39	-121.96	2.000	2.000	0.000
1,493.24	19.86	60.80	1,473.46	83.17	148.79	-148.27	2.000	2.000	0.000
Hold: 19.86° Inc, 60.80° Azm									
1,500.00	19.86	60.80	1,479.82	84.30	150.80	-150.27	0.000	0.000	0.000
1,600.00	19.86	60.80	1,573.87	100.88	180.46	-179.82	0.000	0.000	0.000
1,700.00	19.86	60.80	1,667.92	117.46	210.12	-209.38	0.000	0.000	0.000
1,800.00	19.86	60.80	1,761.97	134.04	239.78	-238.93	0.000	0.000	0.000
1,900.00	19.86	60.80	1,856.02	150.62	269.44	-268.49	0.000	0.000	0.000
2,000.00	19.86	60.80	1,950.07	167.20	299.10	-298.05	0.000	0.000	0.000
2,100.00	19.86	60.80	2,044.12	183.78	328.76	-327.60	0.000	0.000	0.000
2,200.00	19.86	60.80	2,138.17	200.36	358.42	-357.16	0.000	0.000	0.000
2,300.00	19.86	60.80	2,232.22	216.94	388.08	-386.71	0.000	0.000	0.000
2,389.34	19.86	60.80	2,316.24	231.75	414.58	-413.12	0.000	0.000	0.000
KOP: 9°/100' @ 2389.34' MD									
2,400.00	19.01	59.51	2,326.29	233.51	417.66	-416.19	9.002	-8.053	-12.092
2,450.00	15.14	51.62	2,374.09	241.70	429.80	-428.27	9.000	-7.738	-15.765
2,500.00	11.71	38.92	2,422.72	249.71	438.11	-436.53	9.000	-6.846	-25.416
2,550.00	9.25	17.97	2,471.90	257.48	442.54	-440.91	9.000	-4.934	-41.890
2,600.00	8.60	348.94	2,521.32	264.98	443.06	-441.39	9.000	-1.290	-58.055
2,650.00	10.13	322.64	2,570.68	272.15	439.68	-437.96	9.000	3.062	-52.616
2,700.00	13.10	305.63	2,619.66	278.95	432.40	-430.64	9.000	5.930	-34.017
2,750.00	16.75	295.34	2,667.97	285.33	421.27	-419.47	9.000	7.308	-20.571
2,800.00	20.73	288.78	2,715.32	291.27	406.37	-404.54	9.000	7.964	-13.126
2,850.00	24.89	284.29	2,761.40	296.72	387.79	-385.92	9.000	8.305	-8.980
2,900.00	29.14	281.03	2,805.94	301.65	365.63	-363.73	9.000	8.501	-6.526
2,950.00	33.45	278.53	2,848.66	306.02	340.05	-338.12	9.000	8.622	-4.981
3,000.00	37.80	276.56	2,889.29	309.82	311.18	-309.23	9.000	8.701	-3.957
3,050.00	42.18	274.93	2,927.59	313.01	279.22	-277.25	9.000	8.755	-3.248
3,100.00	46.57	273.56	2,963.32	315.58	244.36	-242.37	9.000	8.794	-2.741
3,150.00	50.98	272.38	2,996.26	317.52	206.81	-204.81	9.000	8.822	-2.369
3,200.00	55.41	271.33	3,026.21	318.80	166.81	-164.80	9.000	8.843	-2.090
3,251.85	60.00	270.36	3,053.91	319.44	123.00	-120.99	9.000	8.860	-1.875
Hold: 60.00° Inc, 270.36° Azm									
3,300.00	60.00	270.36	3,077.98	319.70	81.30	-79.29	0.000	0.000	0.000
3,400.00	60.00	270.36	3,127.98	320.25	-5.30	7.32	0.000	0.000	0.000
3,451.85	60.00	270.36	3,153.91	320.53	-50.21	52.22	0.000	0.000	0.000
Build: 9°/100'									
3,500.00	64.33	270.36	3,176.38	320.80	-92.77	94.79	9.000	9.000	-0.001



Aim Directional Services

Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Boyd X State Com 203H
Company:	Silverback Exploration	TVD Reference:	Well @ 3491.00usft (Precision 826)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3491.00usft (Precision 826)
Site:	Boyd X State Com 203H	North Reference:	Grid
Well:	Boyd X State Com 203H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 0.3		

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)	
3,550.00	68.83	270.36	3,196.25	321.09	-138.64	140.66	9.000	9.000	-0.001	
3,600.00	73.33	270.36	3,212.46	321.38	-185.93	187.95	9.000	9.000	-0.001	
3,650.00	77.83	270.36	3,224.90	321.68	-234.34	236.36	9.000	9.000	-0.001	
3,700.00	82.33	270.36	3,233.51	321.99	-283.58	285.60	9.000	9.000	-0.001	
3,750.00	86.83	270.36	3,238.23	322.30	-333.35	335.36	9.000	9.000	-0.001	
3,801.12	91.43	270.36	3,239.00	322.62	-384.44	386.46	8.999	8.999	-0.001	
LP/Hold: 91.43° Inc, 270.36° Azm										
3,900.00	91.43	270.36	3,236.53	323.23	-483.29	485.31	0.000	0.000	0.000	
4,000.00	91.43	270.36	3,234.02	323.86	-583.26	585.28	0.000	0.000	0.000	
4,100.00	91.43	270.36	3,231.52	324.48	-683.23	685.25	0.000	0.000	0.000	
4,200.00	91.43	270.36	3,229.02	325.10	-783.19	785.22	0.000	0.000	0.000	
4,300.00	91.43	270.36	3,226.52	325.72	-883.16	885.19	0.000	0.000	0.000	
4,400.00	91.43	270.36	3,224.01	326.34	-983.13	985.16	0.000	0.000	0.000	
4,500.00	91.43	270.36	3,221.51	326.96	-1,083.09	1,085.13	0.000	0.000	0.000	
4,600.00	91.43	270.36	3,219.01	327.59	-1,183.06	1,185.09	0.000	0.000	0.000	
4,700.00	91.43	270.36	3,216.51	328.21	-1,283.03	1,285.06	0.000	0.000	0.000	
4,800.00	91.43	270.36	3,214.00	328.83	-1,382.99	1,385.03	0.000	0.000	0.000	
4,900.00	91.43	270.36	3,211.50	329.45	-1,482.96	1,485.00	0.000	0.000	0.000	
5,000.00	91.43	270.36	3,209.00	330.07	-1,582.93	1,584.97	0.000	0.000	0.000	
5,100.00	91.43	270.36	3,206.50	330.69	-1,682.89	1,684.94	0.000	0.000	0.000	
5,200.00	91.43	270.36	3,203.99	331.32	-1,782.86	1,784.91	0.000	0.000	0.000	
5,300.00	91.43	270.36	3,201.49	331.94	-1,882.83	1,884.87	0.000	0.000	0.000	
5,400.00	91.43	270.36	3,198.99	332.56	-1,982.79	1,984.84	0.000	0.000	0.000	
5,500.00	91.43	270.36	3,196.49	333.18	-2,082.76	2,084.81	0.000	0.000	0.000	
5,600.00	91.43	270.36	3,193.98	333.80	-2,182.73	2,184.78	0.000	0.000	0.000	
5,700.00	91.43	270.36	3,191.48	334.42	-2,282.69	2,284.75	0.000	0.000	0.000	
5,800.00	91.43	270.36	3,188.98	335.05	-2,382.66	2,384.72	0.000	0.000	0.000	
5,900.00	91.43	270.36	3,186.48	335.67	-2,482.63	2,484.69	0.000	0.000	0.000	
6,000.00	91.43	270.36	3,183.97	336.29	-2,582.59	2,584.66	0.000	0.000	0.000	
6,100.00	91.43	270.36	3,181.47	336.91	-2,682.56	2,684.62	0.000	0.000	0.000	
6,200.00	91.43	270.36	3,178.97	337.53	-2,782.53	2,784.59	0.000	0.000	0.000	
6,300.00	91.43	270.36	3,176.47	338.16	-2,882.49	2,884.56	0.000	0.000	0.000	
6,400.00	91.43	270.36	3,173.96	338.78	-2,982.46	2,984.53	0.000	0.000	0.000	
6,500.00	91.43	270.36	3,171.46	339.40	-3,082.43	3,084.50	0.000	0.000	0.000	
6,600.00	91.43	270.36	3,168.96	340.02	-3,182.39	3,184.47	0.000	0.000	0.000	
6,700.00	91.43	270.36	3,166.46	340.64	-3,282.36	3,284.44	0.000	0.000	0.000	
6,800.00	91.43	270.36	3,163.95	341.26	-3,382.33	3,384.40	0.000	0.000	0.000	
6,900.00	91.43	270.36	3,161.45	341.89	-3,482.29	3,484.37	0.000	0.000	0.000	
7,000.00	91.43	270.36	3,158.95	342.51	-3,582.26	3,584.34	0.000	0.000	0.000	
7,100.00	91.43	270.36	3,156.45	343.13	-3,682.23	3,684.31	0.000	0.000	0.000	
7,200.00	91.43	270.36	3,153.94	343.75	-3,782.19	3,784.28	0.000	0.000	0.000	
7,300.00	91.43	270.36	3,151.44	344.37	-3,882.16	3,884.25	0.000	0.000	0.000	
7,400.00	91.43	270.36	3,148.94	344.99	-3,982.13	3,984.22	0.000	0.000	0.000	
7,500.00	91.43	270.36	3,146.44	345.62	-4,082.09	4,084.19	0.000	0.000	0.000	
7,600.00	91.43	270.36	3,143.93	346.24	-4,182.06	4,184.15	0.000	0.000	0.000	
7,700.00	91.43	270.36	3,141.43	346.86	-4,282.03	4,284.12	0.000	0.000	0.000	
7,800.00	91.43	270.36	3,138.93	347.48	-4,381.99	4,384.09	0.000	0.000	0.000	
7,900.00	91.43	270.36	3,136.43	348.10	-4,481.96	4,484.06	0.000	0.000	0.000	
8,000.00	91.43	270.36	3,133.92	348.72	-4,581.93	4,584.03	0.000	0.000	0.000	
8,100.00	91.43	270.36	3,131.42	349.35	-4,681.90	4,684.00	0.000	0.000	0.000	
8,200.00	91.43	270.36	3,128.92	349.97	-4,781.86	4,783.97	0.000	0.000	0.000	
8,300.00	91.43	270.36	3,126.42	350.59	-4,881.83	4,883.94	0.000	0.000	0.000	
8,400.00	91.43	270.36	3,123.91	351.21	-4,981.80	4,983.90	0.000	0.000	0.000	



Aim Directional Services
Planning Report

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well Boyd X State Com 203H
Company:	Silverback Exploration	TVD Reference:	Well @ 3491.00usft (Precision 826)
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	Well @ 3491.00usft (Precision 826)
Site:	Boyd X State Com 203H	North Reference:	Grid
Well:	Boyd X State Com 203H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 0.3		

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	91.43	270.36	3,121.41	351.83	-5,081.76	5,083.87	0.000	0.000	0.000	
8,600.00	91.43	270.36	3,118.91	352.45	-5,181.73	5,183.84	0.000	0.000	0.000	
8,700.00	91.43	270.36	3,116.41	353.08	-5,281.70	5,283.81	0.000	0.000	0.000	
8,800.00	91.43	270.36	3,113.90	353.70	-5,381.66	5,383.78	0.000	0.000	0.000	
8,876.08	91.43	270.36	3,112.00	354.17	-5,457.72	5,459.83	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/BHL - Boyd X Sta - plan hits target center - Point	0.00	0.00	3,112.00	354.17	-5,457.72	603,925.87	490,659.68	32° 39' 36.471 N	104° 29' 52.826 W	
FTP - Boyd X State C - plan hits target center - Point	0.00	360.00	3,239.00	322.62	-384.44	603,894.32	495,732.96	32° 39' 36.232 N	104° 28' 53.478 W	

Casing Points						
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")		
8,876.08	3,112.00	20" Casing	20	24		

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment	
500.00	500.00	0.00	0.00	Build: 2°/100'	
1,493.24	1,473.46	83.17	148.79	Hold: 19.86° Inc, 60.80° Azm	
2,389.34	2,316.24	231.75	414.58	KOP: 9°/100' @ 2389.34' MD	
3,251.85	3,053.91	319.44	123.00	Hold: 60.00° Inc, 270.36° Azm	
3,451.85	3,153.91	320.53	-50.21	Build: 9°/100'	
3,801.12	3,239.00	322.62	-384.44	LP/Hold: 91.43° Inc, 270.36° Azm	
8,876.08	3,112.00	354.17	-5,457.72	PBHL	

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 1625 N. French Dr., Hobbs, NM 88240
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 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 164599

CONDITIONS

Operator: Silverback Operating II, LLC IH10 West, Suite 201 San Antonio, TX 78257	OGRID: 330968
	Action Number: 164599
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	12/9/2022