

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Silverback Operating II, LLC IH 10 West, Suite 201 San Antonio, TX 78257		² OGRID Number 330968	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30-015-49748	⁵ Pool Name N. SEVEN RIVERS; GLORIETA-YESO		⁶ Pool Code 97565
⁷ Property Code 333043	⁸ Property Name BOYD Y		⁹ Well Number 103H

II. ¹⁰ Surface Location

UL or lot no. J	Section 14	Township 19S	Range 25E	Lot Idn	Feet from the 2043	North/South Line S	Feet from the 2138	East/West line E	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. J	Section 15	Township 19S	Range 25E	Lot Idn	Feet from the 2339	North/South line S	Feet from the 2604	East/West line E	County EDDY
¹² Lse Code P	¹³ Producing Method Code P	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
35246	SHELL TRADING US COMPANY	O
237722	CENTURION PIPELINE L.P.	O
36785	DCP OPERATING COMPANY LP	G

IV. Well Completion Data

²¹ Spud Date 8/7/2022	²² Ready Date 9/13/2022	²³ TD 8335’	²⁴ PBDT 8260’	²⁵ Perforations 3177-8237’	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
12.25”		9.625”	1220’		845 SX – 35% B-Poz+65% CI C 100 SX – 100% CI C
8.75”		7”	3013’		365 SX – 50% B-Poz+50% CI C
8.75”		5.5”	8325’		1560 SX – 50% B-Pox+50% CI H

V. Well Test Data

³¹ Date New Oil 9/26/2022	³² Gas Delivery Date 10/02/2022	³³ Test Date 10/02/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 349	³⁶ Csg. Pressure 76
³⁷ Choke Size 34	³⁸ Oil 124	³⁹ Water 2,913	⁴⁰ Gas 59		⁴¹ Test Method ESP
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Fatma Abdallah</i>			OIL CONSERVATION DIVISION		
Printed name: Fatma Abdallah			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Regulatory Manager			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: fabdallah@silverbackexp.com			Approval Date: <i>6/5/2024</i>		
Date: 5/31/2023		Phone: 210-585-3316			

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 30-015-49748	² Pool Code 97565	³ Pool Name N. Seven Rivers; Glorieta-Yeso
⁴ Property Code 333043	⁵ Property Name BOYD Y	
⁷ OGRID No. 3330968	⁸ Operator Name SILVERBACK OPERATING II, LLC	⁶ Well Number 103H
		⁹ Elevation 3,427'

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
J	14	19-S	25-E		2,043'	SOUTH	2,138'	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
J	15	19-S	25-E		2,339'	SOUTH	2,604'	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
480			

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.

SURFACE HOLE LOCATION (SHL)
 NAD 83, NM EAST ZONE, U.S. FOOT
 X: 504297.04
 Y: 603635.23
 LAT.: N32.659382
 LONG.: W104.453693

FIRST TAKE POINT (FTP)
MEASURED DEPTH: 3,163'
 NAD 83, NM EAST ZONE, U.S. FOOT
 X: 503662.52
 Y: 603943.82
 LAT.: N32.660228
 LONG.: W104.455756

LAST TAKE POINT (LTP)
MEASURED DEPTH: 8,265'
 NAD 83, NM EAST ZONE, U.S. FOOT
 X: 498562.58
 Y: 603956.36
 LAT.: N32.660246
 LONG.: W104.472327

BOTTOM HOLE LOCATION (BHL)
MEASURED DEPTH: 8,335'
 NAD 83, NM EAST ZONE, U.S. FOOT
 X: 498492.69
 Y: 603954.94
 LAT.: N32.660241
 LONG.: W104.472555

GPS DATUM
 NAD83
 NM EAST ZONE

0' 1000' 2000'

N
W E
S

SECTION 10 L1 L2 L3 SECTION 11 L4

FOUND 1/2" IRON ROD

FOUND ROCK PILE

NW/4 NE/4 NW/4 NE/4

T19S-R25E

(BHL) MD:8,335' (LTP) MD:8,265' (FTP) MD:3,163' (SHL)

30' 100' 2,534' 2,566' 100' 2,138'

2,339' 2,341' 2,604' 2,349' 2,043'

SW/4 SE/4 SW/4 SE/4

FOUND 1/2" IRON ROD

L10 SECTION 22 L9 L8 SECTION 23 L7

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 10/03/2022
Signature Date

Fatma Abdallah
Printed Name

fabdallah@silverbackexp.com
E-mail Address

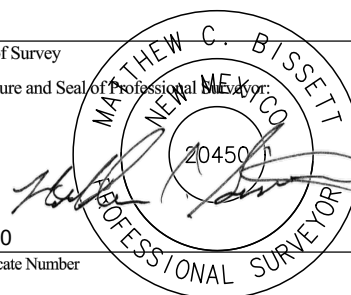
18 SURVEYOR CERTIFICATION

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.

Date of Survey _____

Signature and Seal of Professional Surveyor: _____

20450
Certificate Number





Aim Directional Services, LLC

Survey Report



Company:	Silverback Exploration	Local Co-ordinate Reference:	Well Boyd Y 103H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3442.00usft (Ensign T436)
Site:	Boyd Y 103H	MD Reference:	Well @ 3442.00usft (Ensign T436)
Well:	Boyd Y 103H	North Reference:	Grid
Wellbore:	Planning	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	RTOC- EDM 5000.1 Single User Db

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 Y 103H		
Site Position:		Northing:	603,635.23 usft
From:	Map	Easting:	504,297.04 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 39' 33.776 N
		Longitude:	104° 27' 13.293 W
		Grid Convergence:	-0.06 °

Well	Boyd Y 103H		
Well Position	+N/-S	0.00 usft	Northing: 603,635.23 usft
	+E/-W	0.00 usft	Easting: 504,297.04 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 39' 33.776 N
		Longitude:	104° 27' 13.293 W
		Ground Level:	3,426.00 usft

Wellbore	Planning		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	7/17/2022	6.94
			Dip Angle (°) 60.31
			Field Strength (nT) 47,709,557

Design	Surveys		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°) 270.23

Survey Program	Date 8/18/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
287.00	8,335.00	Aim MWD Surveys (Planning)	MWD+HRGM
			Description OWSG MWD + HRGM

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
287.00	0.79	246.42	286.99	-0.79	-1.81	1.81	0.275	0.275	0.000
First Aim Svy									
348.00	0.97	253.46	347.98	-1.11	-2.69	2.69	0.344	0.295	11.541
408.00	1.05	251.26	407.97	-1.43	-3.70	3.70	0.148	0.133	-3.667
469.00	0.97	282.28	468.97	-1.50	-4.73	4.73	0.894	-0.131	50.852
528.00	1.41	334.23	527.95	-0.74	-5.54	5.54	1.890	0.746	88.051
589.00	2.64	352.86	588.92	1.33	-6.04	6.04	2.261	2.016	30.541
650.00	4.18	3.58	649.81	4.95	-6.08	6.10	2.722	2.525	17.574
711.00	4.92	8.50	710.61	9.75	-5.55	5.59	1.370	1.213	8.066
772.00	5.32	12.72	771.37	15.10	-4.54	4.60	0.900	0.656	6.918



Aim Directional Services, LLC

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Well:	Boyd Y 103H	North Reference:	Grid
Wellbore:	Planning	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	RTOC- EDM 5000.1 Single User Db

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)
834.00	5.67	17.64	833.09	20.82	-2.98	3.06	0.946	0.565	7.935
897.00	6.95	20.46	895.70	27.36	-0.70	0.81	2.090	2.032	4.476
960.00	8.31	21.34	958.14	35.17	2.29	-2.14	2.167	2.159	1.397
1,023.00	10.11	19.93	1,020.33	44.61	5.83	-5.65	2.879	2.857	-2.238
1,086.00	12.09	15.97	1,082.15	56.15	9.53	-9.30	3.366	3.143	-6.286
1,147.00	12.88	12.20	1,141.71	68.94	12.72	-12.45	1.860	1.295	-6.180
1,196.00	12.88	11.23	1,189.47	79.63	14.94	-14.62	0.441	0.000	-1.980
1,318.00	13.32	11.32	1,308.30	106.75	20.35	-19.92	0.361	0.361	0.074
1,381.00	13.67	11.32	1,369.56	121.17	23.23	-22.75	0.556	0.556	0.000
1,444.00	13.58	3.85	1,430.79	135.85	25.19	-24.64	2.795	-0.143	-11.857
1,507.00	13.85	3.41	1,491.99	150.75	26.14	-25.53	0.459	0.429	-0.698
1,569.00	12.44	6.31	1,552.37	164.80	27.31	-26.65	2.510	-2.274	4.677
1,632.00	12.62	6.83	1,613.87	178.38	28.88	-28.16	0.337	0.286	0.825
1,695.00	11.78	9.56	1,675.45	191.55	30.76	-29.99	1.617	-1.333	4.333
1,758.00	11.82	10.44	1,737.11	204.24	33.00	-32.18	0.293	0.063	1.397
1,821.00	11.91	10.44	1,798.77	216.98	35.35	-34.47	0.143	0.143	0.000
1,884.00	12.04	10.61	1,860.40	229.83	37.73	-36.81	0.214	0.206	0.270
1,947.00	12.09	11.76	1,922.01	242.75	40.29	-39.31	0.390	0.079	1.825
2,009.00	11.96	12.02	1,982.65	255.39	42.95	-41.92	0.227	-0.210	0.419
2,072.00	12.09	9.21	2,044.26	268.28	45.36	-44.29	0.952	0.206	-4.460
2,135.00	12.13	346.18	2,105.90	281.23	44.84	-43.71	7.620	0.063	-36.555
2,197.00	14.37	323.77	2,166.28	293.77	38.73	-37.55	8.966	3.613	-36.145
2,260.00	16.66	304.70	2,227.02	305.23	26.68	-25.45	8.824	3.635	-30.270
2,323.00	18.86	287.64	2,287.06	313.46	9.53	-8.28	8.928	3.492	-27.079
2,385.00	24.26	278.77	2,344.71	318.45	-12.63	13.90	10.151	8.710	-14.306
2,468.00	32.04	276.39	2,417.84	323.50	-51.42	52.72	9.469	9.373	-2.867
2,531.00	38.42	274.11	2,469.28	326.77	-87.59	88.90	10.338	10.127	-3.619
2,593.00	44.04	269.98	2,515.90	328.15	-128.39	129.71	10.068	9.064	-6.661
2,656.00	51.03	269.36	2,558.40	327.86	-174.84	176.15	11.119	11.095	-0.984
2,719.00	57.41	269.28	2,595.22	327.26	-225.92	227.23	10.127	10.127	-0.127
2,763.00	60.62	267.87	2,617.87	326.31	-263.62	264.93	7.795	7.295	-3.205
2,778.00	61.23	267.34	2,625.16	325.76	-276.72	278.02	5.106	4.067	-3.533
2,782.00	61.49	267.25	2,627.08	325.60	-280.23	281.53	6.793	6.500	-2.250
2,808.00	62.55	267.08	2,639.27	324.46	-303.16	304.46	4.118	4.077	-0.654
2,838.00	63.65	266.90	2,652.85	323.06	-329.87	331.17	3.705	3.667	-0.600
2,844.00	63.82	266.73	2,655.50	322.76	-335.25	336.54	3.806	2.833	-2.833
2,868.00	64.62	266.73	2,665.94	321.52	-356.82	358.11	3.333	3.333	0.000
2,898.00	65.58	266.64	2,678.57	319.95	-383.99	385.27	3.212	3.200	-0.300
2,907.00	65.76	266.46	2,682.28	319.46	-392.17	393.45	2.706	2.000	-2.000
2,928.00	66.42	266.55	2,690.79	318.29	-411.34	412.61	3.167	3.143	0.429
2,958.00	67.12	266.46	2,702.62	316.61	-438.85	440.12	2.350	2.333	-0.300
2,970.00	67.34	266.20	2,707.27	315.90	-449.89	451.16	2.712	1.833	-2.167
2,988.00	67.87	266.38	2,714.13	314.82	-466.50	467.76	3.086	2.944	1.000



Aim Directional Services, LLC

Survey Report



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Site:	Boyd Y 103H	MD Reference:	Well @ 3442.00usft (Ensign T436)
Well:	Boyd Y 103H	North Reference:	Grid
Wellbore:	Planning	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	RTOC- EDM 5000.1 Single User Db

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)
3,018.00	69.32	266.64	2,725.07	313.12	-494.38	495.63	4.900	4.833	0.867
3,032.00	70.33	266.64	2,729.90	312.35	-507.50	508.75	7.214	7.214	0.000
3,095.00	75.74	268.84	2,748.28	309.99	-567.68	568.92	9.213	8.587	3.492
3,158.00	82.99	268.75	2,759.90	308.69	-629.55	630.78	11.509	11.508	-0.143
3,221.00	85.71	269.01	2,766.10	307.47	-692.22	693.45	4.337	4.317	0.413
3,284.00	89.23	269.98	2,768.88	306.91	-755.15	756.37	5.795	5.587	1.540
3,347.00	90.51	270.33	2,769.02	307.08	-818.15	819.37	2.106	2.032	0.556
3,410.00	89.41	270.24	2,769.07	307.40	-881.14	882.37	1.752	-1.746	-0.143
3,473.00	90.29	269.98	2,769.23	307.52	-944.14	945.37	1.457	1.397	-0.413
3,536.00	89.10	269.28	2,769.57	307.11	-1,007.14	1,008.36	2.191	-1.889	-1.111
3,599.00	90.07	269.01	2,770.03	306.17	-1,070.13	1,071.35	1.598	1.540	-0.429
3,661.00	91.47	268.66	2,769.19	304.91	-1,132.11	1,133.33	2.328	2.258	-0.565
3,724.00	89.54	268.22	2,768.64	303.19	-1,195.08	1,196.29	3.142	-3.063	-0.698
3,787.00	90.64	267.78	2,768.54	301.00	-1,258.04	1,259.24	1.881	1.746	-0.698
3,849.00	89.10	267.87	2,768.68	298.64	-1,320.00	1,321.18	2.488	-2.484	0.145
3,912.00	90.11	267.69	2,769.11	296.20	-1,382.95	1,384.12	1.628	1.603	-0.286
3,975.00	91.43	267.52	2,768.27	293.57	-1,445.88	1,447.05	2.113	2.095	-0.270
4,038.00	92.79	267.17	2,765.95	290.65	-1,508.77	1,509.93	2.229	2.159	-0.556
4,100.00	91.08	268.13	2,763.85	288.11	-1,570.68	1,571.83	3.163	-2.758	1.548
4,163.00	89.80	269.98	2,763.37	287.08	-1,633.67	1,634.81	3.571	-2.032	2.937
4,225.00	89.80	272.09	2,763.59	288.20	-1,695.65	1,696.80	3.403	0.000	3.403
4,288.00	88.75	272.88	2,764.38	290.93	-1,758.59	1,759.74	2.086	-1.667	1.254
4,351.00	88.75	272.35	2,765.76	293.80	-1,821.51	1,822.67	0.841	0.000	-0.841
4,414.00	89.41	271.91	2,766.77	296.14	-1,884.45	1,885.63	1.259	1.048	-0.698
4,476.00	90.86	271.65	2,766.62	298.07	-1,946.42	1,947.60	2.376	2.339	-0.419
4,539.00	89.76	271.03	2,766.28	299.54	-2,009.40	2,010.59	2.004	-1.746	-0.984
4,603.00	90.77	270.15	2,765.99	300.20	-2,073.40	2,074.59	2.093	1.578	-1.375
4,665.00	89.05	270.33	2,766.08	300.46	-2,135.39	2,136.58	2.789	-2.774	0.290
4,728.00	89.71	270.33	2,766.76	300.82	-2,198.39	2,199.58	1.048	1.048	0.000
4,791.00	89.10	271.91	2,767.42	302.05	-2,261.37	2,262.57	2.688	-0.968	2.508
4,853.00	89.85	271.91	2,767.99	304.12	-2,323.33	2,324.54	1.210	1.210	0.000
4,916.00	91.56	271.39	2,767.21	305.93	-2,386.30	2,387.51	2.837	2.714	-0.825
4,979.00	90.20	271.47	2,766.24	307.51	-2,449.27	2,450.49	2.162	-2.159	0.127
5,042.00	88.84	271.91	2,766.77	309.36	-2,512.24	2,513.46	2.269	-2.159	0.698
5,105.00	89.36	271.56	2,767.76	311.27	-2,575.20	2,576.43	0.995	0.825	-0.556
5,168.00	90.29	271.30	2,767.95	312.84	-2,638.18	2,639.42	1.533	1.476	-0.413
5,230.00	91.30	270.86	2,767.09	314.01	-2,700.17	2,701.40	1.777	1.629	-0.710
5,293.00	90.11	271.21	2,766.32	315.15	-2,763.15	2,764.39	1.969	-1.889	0.556
5,356.00	89.23	271.82	2,766.68	316.81	-2,826.13	2,827.37	1.700	-1.397	0.968
5,419.00	89.45	271.91	2,767.41	318.86	-2,889.09	2,890.34	0.377	0.349	0.143
5,481.00	90.55	271.47	2,767.41	320.69	-2,951.06	2,952.32	1.911	1.774	-0.710
5,544.00	91.69	271.03	2,766.18	322.07	-3,014.03	3,015.30	1.940	1.810	-0.698
5,608.00	91.25	271.03	2,764.53	323.22	-3,078.00	3,079.27	0.687	-0.687	0.000



Aim Directional Services, LLC

Survey Report



Company:	Silverback Exploration	Local Co-ordinate Reference:	Well Boyd Y 103H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3442.00usft (Ensign T436)
Site:	Boyd Y 103H	MD Reference:	Well @ 3442.00usft (Ensign T436)
Well:	Boyd Y 103H	North Reference:	Grid
Wellbore:	Planning	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	RTOC- EDM 5000.1 Single User Db

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)
5,671.00	91.69	270.95	2,762.92	324.31	-3,140.97	3,142.25	0.710	0.698	-0.127
5,734.00	90.68	270.24	2,761.62	324.96	-3,203.95	3,205.23	1.960	-1.603	-1.127
5,797.00	89.85	270.68	2,761.32	325.46	-3,266.95	3,268.23	1.491	-1.317	0.698
5,859.00	90.02	270.86	2,761.39	326.30	-3,328.94	3,330.23	0.399	0.274	0.290
5,922.00	91.21	270.59	2,760.72	327.10	-3,391.93	3,393.22	1.937	1.889	-0.429
5,985.00	92.31	270.24	2,758.78	327.55	-3,454.90	3,456.19	1.832	1.746	-0.556
6,047.00	90.37	270.33	2,757.33	327.86	-3,516.88	3,518.17	3.132	-3.129	0.145
6,110.00	91.16	270.24	2,756.49	328.17	-3,579.87	3,581.16	1.262	1.254	-0.143
6,172.00	89.05	270.15	2,756.38	328.38	-3,641.87	3,643.16	3.406	-3.403	-0.145
6,232.00	89.71	270.07	2,757.03	328.50	-3,701.86	3,703.15	1.108	1.100	-0.133
6,294.00	90.64	269.80	2,756.84	328.43	-3,763.86	3,765.15	1.562	1.500	-0.435
6,355.00	91.96	269.72	2,755.45	328.17	-3,824.85	3,826.13	2.168	2.164	-0.131
6,416.00	89.85	270.15	2,754.49	328.10	-3,885.83	3,887.12	3.530	-3.459	0.705
6,477.00	90.86	269.98	2,754.11	328.17	-3,946.83	3,948.12	1.679	1.656	-0.279
6,537.00	89.32	271.03	2,754.02	328.70	-4,006.83	4,008.11	3.106	-2.567	1.750
6,598.00	90.20	270.86	2,754.27	329.71	-4,067.82	4,069.11	1.469	1.443	-0.279
6,657.00	91.69	270.24	2,753.30	330.27	-4,126.81	4,128.10	2.735	2.525	-1.051
6,718.00	88.79	269.89	2,753.05	330.34	-4,187.80	4,189.09	4.789	-4.754	-0.574
6,779.00	89.36	269.36	2,754.03	329.94	-4,248.79	4,250.08	1.276	0.934	-0.869
6,839.00	90.59	268.57	2,754.06	328.86	-4,308.78	4,310.06	2.436	2.050	-1.317
6,900.00	91.78	268.22	2,752.80	327.15	-4,369.74	4,371.02	2.033	1.951	-0.574
6,963.00	91.21	268.84	2,751.15	325.54	-4,432.70	4,433.97	1.337	-0.905	0.984
7,026.00	89.05	270.15	2,751.01	324.98	-4,495.69	4,496.96	4.010	-3.429	2.079
7,088.00	89.89	270.07	2,751.58	325.10	-4,557.69	4,558.95	1.361	1.355	-0.129
7,151.00	91.08	269.45	2,751.05	324.84	-4,620.68	4,621.95	2.130	1.889	-0.984
7,213.00	89.19	270.33	2,750.90	324.72	-4,682.68	4,683.94	3.363	-3.048	1.419
7,276.00	89.98	270.24	2,751.36	325.03	-4,745.67	4,746.94	1.262	1.254	-0.143
7,339.00	88.31	270.68	2,752.30	325.54	-4,808.66	4,809.93	2.741	-2.651	0.698
7,402.00	89.36	270.59	2,753.58	326.24	-4,871.65	4,872.92	1.673	1.667	-0.143
7,465.00	90.51	270.15	2,753.65	326.64	-4,934.64	4,935.91	1.954	1.825	-0.698
7,528.00	91.56	269.89	2,752.51	326.66	-4,997.63	4,998.90	1.717	1.667	-0.413
7,591.00	90.86	270.07	2,751.18	326.64	-5,060.62	5,061.89	1.147	-1.111	0.286
7,654.00	89.01	270.15	2,751.25	326.76	-5,123.61	5,124.88	2.939	-2.937	0.127
7,717.00	89.71	269.89	2,751.96	326.79	-5,186.61	5,187.88	1.185	1.111	-0.413
7,780.00	90.95	269.28	2,751.60	326.33	-5,249.61	5,250.87	2.194	1.968	-0.968
7,843.00	89.58	269.63	2,751.30	325.73	-5,312.60	5,313.86	2.244	-2.175	0.556
7,906.00	90.15	269.54	2,751.45	325.27	-5,375.60	5,376.86	0.916	0.905	-0.143
7,969.00	91.16	269.01	2,750.73	324.48	-5,438.59	5,439.85	1.810	1.603	-0.841
8,032.00	90.07	269.80	2,750.06	323.82	-5,501.58	5,502.83	2.137	-1.730	1.254
8,095.00	90.51	269.63	2,749.74	323.51	-5,564.58	5,565.83	0.749	0.698	-0.270
8,157.00	91.47	269.28	2,748.67	322.92	-5,626.56	5,627.82	1.648	1.548	-0.565
8,220.00	92.48	269.01	2,746.49	321.98	-5,689.52	5,690.77	1.659	1.603	-0.429
8,258.00	93.01	268.84	2,744.68	321.27	-5,727.47	5,728.71	1.465	1.395	-0.447
Last Aim Svy									



Aim Directional Services, LLC
Survey Report



Company:	Silverback Exploration	Local Co-ordinate Reference:	Well Boyd Y 103H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3442.00usft (Ensign T436)
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Wellbore:	Planning	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	RTOC- EDM 5000.1 Single User Db

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)
8,335.00	93.01	268.84	2,740.63	319.71	-5,804.35	5,805.58	0.000	0.000	0.000
Proj to BHL									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
287.00	286.99	-0.79	-1.81	First Aim Svy
8,258.00	2,744.68	321.27	-5,727.47	Last Aim Svy
8,335.00	2,740.63	319.71	-5,804.35	Proj to BHL

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	Form C-103 August 1, 2011 Permit 332600 WELL API NUMBER 30-015-49748 5. Indicate Type of Lease P 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name BOYD Y																																								
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: O		8. Well Number 103H																																								
2. Name of Operator Silverback Operating II, LLC		9. OGRID Number 330968																																								
3. Address of Operator 19707 IH10 West Suite 201, San Antonio, TX 78256		10. Pool name or Wildcat																																								
4. Well Location Unit Letter <u>J</u> : <u>2043</u> feet from the <u>S</u> line and feet <u>2138</u> from the <u>E</u> line Section <u>14</u> Township <u>19S</u> Range <u>25E</u> NMPM _____ County <u>Eddy</u>																																										
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3426 GR																																										
Pit or Below-grade Tank Application ☐ or Closure ☐ Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____																																										
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width: 100%;"> <tr> <td colspan="2" style="text-align: center;">NOTICE OF INTENTION TO:</td> <td colspan="2" style="text-align: center;">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>PERFORM REMEDIAL WORK ☐</td> <td>PLUG AND ABANDON ☐</td> <td>REMEDIAL WORK ☐</td> <td>ALTER CASING ☐</td> </tr> <tr> <td>TEMPORARILY ABANDON ☐</td> <td>CHANGE OF PLANS ☐</td> <td>COMMENCE DRILLING OPNS. ☐</td> <td>PLUG AND ABANDON ☐</td> </tr> <tr> <td>PULL OR ALTER CASING ☐</td> <td>MULTIPLE COMPL ☐</td> <td>CASING/CEMENT JOB ☐</td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: Perforations/Tubing ☒</td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTER CASING ☐	TEMPORARILY ABANDON ☐	CHANGE OF PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDON ☐	PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐		Other: _____		Other: Perforations/Tubing ☒																					
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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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Perforated well from 3088'-8142' from 8/29/2022-9/3/2022. 9/12/2022 Ran and set tubing @ 2821'. Well SI and turn over to production Perforations Pool: N. SEVEN RIVERS; GLORIETA-YESO , 97565 Location: J -15-19S-25E 2350 S 2534 E <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>TOP</th> <th>BOT</th> <th>Open Hole</th> <th>Shots/ft</th> <th>Shot Size</th> <th>Material</th> <th>Stimulation</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>3177</td> <td>8237</td> <td>N</td> <td>6</td> <td>0.42</td> <td>SlickWater</td> <td>Frac</td> <td>306856</td> </tr> <tr> <td>3177</td> <td>8237</td> <td>N</td> <td>6</td> <td>0.42</td> <td>Sand</td> <td>Frac</td> <td>18485644</td> </tr> <tr> <td>3177</td> <td>8237</td> <td>N</td> <td>6</td> <td>0.42</td> <td></td> <td>Acid</td> <td>59976</td> </tr> </tbody> </table> Tubing N. SEVEN RIVERS; GLORIETA-YESO , 97565 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Tubing Size</th> <th>Type</th> <th>Depth Set</th> <th>Packer Set</th> </tr> </thead> <tbody> <tr> <td>2.875</td> <td>J-55</td> <td>2821</td> <td></td> </tr> </tbody> </table>			TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount	3177	8237	N	6	0.42	SlickWater	Frac	306856	3177	8237	N	6	0.42	Sand	Frac	18485644	3177	8237	N	6	0.42		Acid	59976	Tubing Size	Type	Depth Set	Packer Set	2.875	J-55	2821	
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I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .																																										
<table style="width: 100%;"> <tr> <td style="width: 20%;">SIGNATURE</td> <td style="width: 30%;"><u>Electronically Signed</u></td> <td style="width: 20%;">TITLE</td> <td style="width: 20%;"><u>Chief Financial Officer</u></td> <td style="width: 10%;">DATE</td> <td style="width: 10%;"><u>5/31/2023</u></td> </tr> <tr> <td>Type or print name</td> <td><u>Matthew Alley</u></td> <td>E-mail address</td> <td><u>malley@silverbackexp.com</u></td> <td>Telephone No.</td> <td><u>303-513-0990</u></td> </tr> </table>			SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Chief Financial Officer</u>	DATE	<u>5/31/2023</u>	Type or print name	<u>Matthew Alley</u>	E-mail address	<u>malley@silverbackexp.com</u>	Telephone No.	<u>303-513-0990</u>																												
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For State Use Only: APPROVED BY: _____ TITLE _____ DATE _____																																										

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
1. WELL API NO. 30-015-49748										
2. Type of Lease ☐ STATE ☒ FEE ☐ FED/INDIAN										
3. State Oil & Gas Lease No.										
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name BOYD Y				
						6. Well Number: 103H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Silverback Operating II, LLC						9. OGRID 330968				
10. Address of Operator IH 10 West, Suite 201 San Antonio, TX 78257						11. Pool name or Wildcat N. SEVEN RIVERS; GLORIETA-YESO				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	J	14	19S	25E		2043	S	2138	E	EDDY
BH:	J	15	19S	25E		2339	S	2604	E	EDDY
13. Date Spudded 8/7/2022	14. Date T.D. Reached 08/19/2022		15. Date Rig Released 08/20/2022		16. Date Completed (Ready to Produce) 9/13/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3,427' GR		
18. Total Measured Depth of Well 8335'			19. Plug Back Measured Depth 8260'		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run Gamma Ray		
22. Producing Interval(s), of this completion - Top, Bottom, Name 3177' - 8237'							Paddock			
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9.625"		36		1220'		12.25"		945 SX Cl C		
7"		32		3013'		8.75"		365 SX Cl C		
5.5"		20		8325'		8.75"		1560 SX Cl C		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
						2 7/8	2821			
26. Perforation record (interval, size, and number) 3177' - 8237', 0.42, 24 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						3177' - 8237'		Slickwater; 306,856 bbls		
								15% HCL Acid; 59,976 Gal		
								Sand; 18,485,644 lbs		
28. PRODUCTION										
Date First Production 9/26/2022		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Pumping - ESP				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 10/2/2022	Hours Tested 24 Hrs	Choke Size 34	Prod'n For Test Period	Oil - Bbl 124	Gas - MCF 59	Water - Bbl. 2,913		Gas - Oil Ratio 475		
Flow Tubing Press. 349	Casing Pressure 76	Calculated 24- Hour Rate	Oil - Bbl. 124	Gas - MCF 59	Water - Bbl. 2,913		Oil Gravity - API - (<i>Corr.</i>) 38			
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold							30. Test Witnessed By			
31. List Attachments C-104, C-103 Drilling Cement, Directional Survey, C-102 As drilled, Wellbore Schematic.										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date: 08/20/2022			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Fatma Abdallah</i>			Name Fatma Abdallah			Title Regulatory Manager			Date 5/31/2023	
E-mail Address fabdallah@silverbackexp.com										

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres _841MD; 840 TVD	T. Simpson	T. Mancos	T. McCracken
T. Glorieta _2488 MD; 2434 TVD	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock _2584 MD; 2510 TVD	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

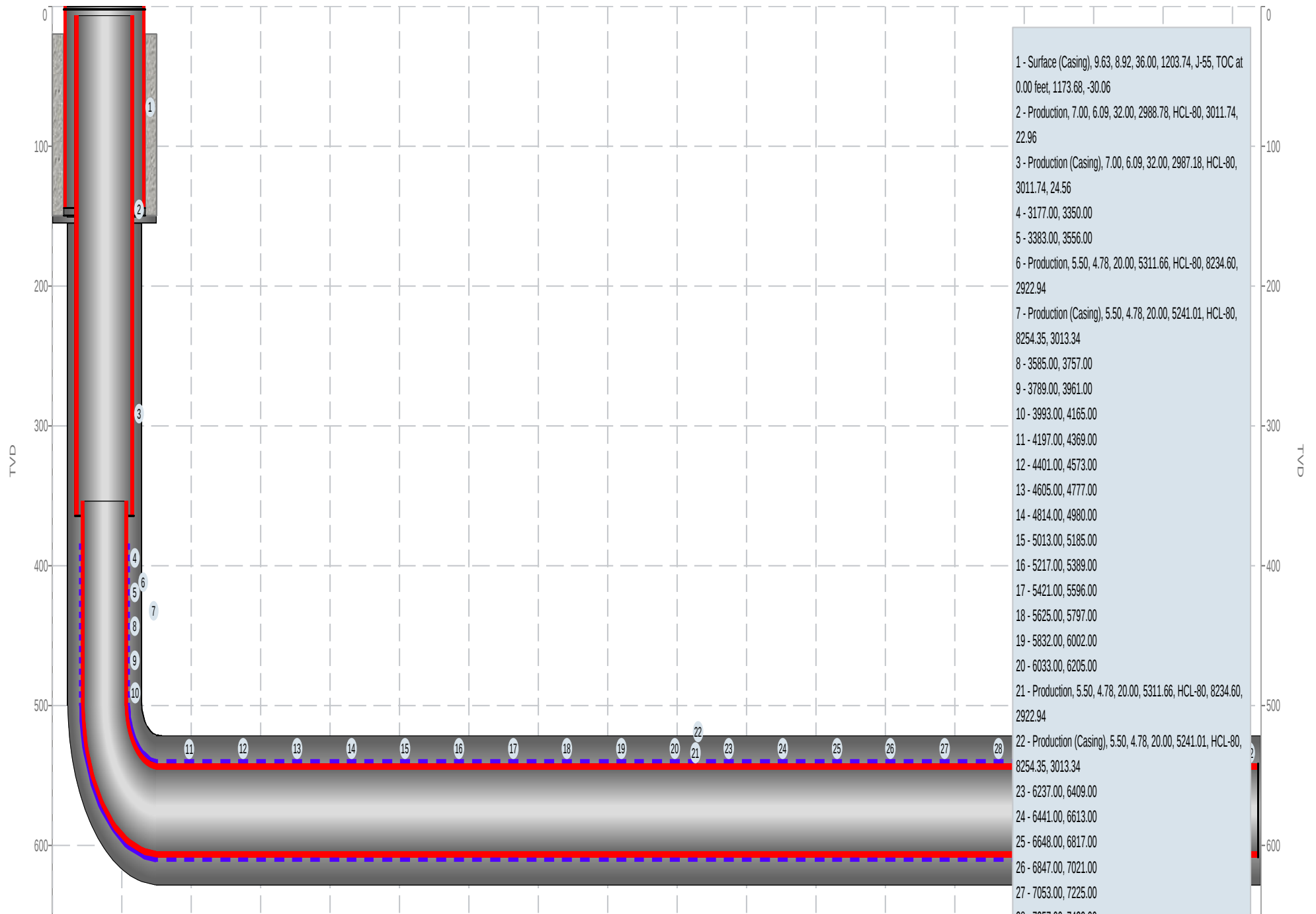
No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
42	841	798	Dolomite, Sandstone, Siltstone				
841	2488	1594	Dolomite, Limestone				
2488	2584	75	Sandstone, Siltstone, Dolomite, Anhydritic Dolomite				
2584	8367		Dolomite, Anhydritic Dolomite				



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

ACKNOWLEDGMENTS

Action 350995

ACKNOWLEDGMENTS

Operator: Silverback Operating II, LLC 19707 IH10 West, Suite 201 San Antonio, TX 78256	OGRID: 330968
	Action Number: 350995
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 350995

CONDITIONS

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	Action Number: 350995
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	Submit GAMMA RAY Well Log (s) in OCD Permitting as [UF-WL] EP Well Log Submission.	6/5/2024