

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 – 015-49723	⁵ Pool Name N. SEVEN RIVERS; GLORIETA-YESO		⁶ Pool Code 97565
⁷ Property Code 333043	⁸ Property Name BOYD Y		⁹ Well Number 102H

II. ¹⁰ Surface Location

UL or lot no. J	Section 14	Township 19S	Range 25E	Lot Idn	Feet from the 1860'	North/South Line S	Feet from the 2240'	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 J	Feet from the 1556'	North/South line S	Feet from the 2599'	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 7/28/2022	²² Ready Date 9/10/2022	²³ TD 8431’	²⁴ PBSD 8355’	²⁵ Perforations 3263-8335’	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
12.25”		9.625”	1260’		845 SX - 35% B-Poz+65% CI C 100 SX – 100% CI C
8.75”		7”	3010’		365 SX - 50% B-Poz+50% CI C
8.75”		5.5”	8421’		1560 SX - 50% B-Poz+50% CI C

V. Well Test Data

³¹ Date New Oil 9/26/2022	³² Gas Delivery Date 10/13/2022	³³ Test Date 10/2/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 332	³⁶ Csg. Pressure 88
³⁷ Choke Size 34	³⁸ Oil 145	³⁹ Water 3310	⁴⁰ Gas 64		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 Approved by: <i>PATRICIA MARTINEZ</i>		
Printed name: Fatma Abdallah			Title: <i>PETROLEUM SPECIALIST</i>		
Title: Regulatory Manager			Approval Date: <i>6/13/2024</i>		
E-mail Address: fabdallah@silverbackexp.com					
Date: 1/12/2023		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 30-015-49723	² Pool Code 97565	³ Pool Name N. Seven Rivers; Glorieta-Yeso
⁴ Property Code 333043	⁵ Property Name BOYD Y	
⁷ OGRID No. 330968	⁸ Operator Name SILVERBACK OPERATING II, LLC	⁶ Well Number 102H
		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		1,860'	SOUTH	2,240'	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		1,556'	SOUTH	2,599'	EAST	EDDY

¹² Dedicated Acres 480	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.

SURFACE HOLE LOCATION (SHL)
 NAD 83, NM EAST ZONE, U.S. FOOT
 X: 504199.72
 Y: 603452.44
 LAT.: N32.658879
 LONG.: W104.454008

KICK OFF POINT (KOP)
MEASURED DEPTH: 2,075'
 NAD 83, NM EAST ZONE, U.S. FOOT
 X: 504384.93
 Y: 603219.25
 LAT.: N32.658239
 LONG.: W104.453405

FIRST TAKE POINT (FTP)
MEASURED DEPTH: 3,251'
 NAD 83, NM EAST ZONE, U.S. FOOT
 X: 503670.89
 Y: 603136.50
 LAT.: N32.658009
 LONG.: W104.455725

LAST TAKE POINT (LTP)
MEASURED DEPTH: 8,360'
 NAD 83, NM EAST ZONE, U.S. FOOT
 X: 498563.73
 Y: 603170.81
 LAT.: N32.658086
 LONG.: W104.472320

BOTTOM HOLE LOCATION (BHL)
MEASURED DEPTH: 8,431'
 NAD 83, NM EAST ZONE, U.S. FOOT
 X: 498493.27
 Y: 603172.19
 LAT.: N32.658090
 LONG.: W104.472549

GPS DATUM
 NAD83
 NM EAST ZONE

0' 1000' 2000'

N
W
E
S

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 02/15/2023

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.

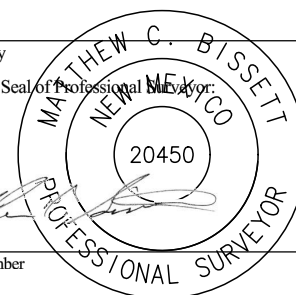
01/20/23

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 102H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3443.00usft
Site:	Boyd Y 102H	MD Reference:	Well @ 3443.00usft
Well:	Boyd Y 102H	North Reference:	Grid
Wellbore:	Planning	Survey Calculation Method:	Minimum Curvature
Design:	Drilling	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 102H		
Site Position:		Northing:	603,452.44 usft
From:	Map	Easting:	504,199.72 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 39' 31.966 N
		Longitude:	104° 27' 14.429 W
		Grid Convergence:	-0.07 °

Well	Boyd Y 102H		
Well Position	+N/-S	0.00 usft	Northing: 603,452.44 usft
	+E/-W	0.00 usft	Easting: 504,199.72 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 39' 31.966 N
		Longitude:	104° 27' 14.429 W
		Ground Level:	3,427.00 usft

Wellbore	Planning		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	7/29/2022	6.94
			Dip Angle (°) 60.30
			Field Strength (nT) 47,706.402

Design	Drilling		
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 8/4/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
226.00	8,431.00	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
226.00	1.49	14.92	225.97	2.84	0.76	-0.75	0.659	0.659	0.000
First Aim Svy									
287.00	1.36	15.54	286.96	4.30	1.15	-1.14	0.215	-0.213	1.016
348.00	1.49	15.01	347.94	5.77	1.55	-1.53	0.214	0.213	-0.869
408.00	1.71	16.68	407.91	7.38	2.01	-1.98	0.375	0.367	2.783
469.00	1.49	38.91	468.89	8.87	2.77	-2.74	1.071	-0.361	36.443
528.00	1.80	80.75	527.87	9.61	4.17	-4.13	2.050	0.525	70.915
589.00	2.73	108.44	588.82	9.31	6.49	-6.46	2.313	1.525	45.393
650.00	4.53	122.06	649.70	7.57	9.91	-9.88	3.252	2.951	22.328
711.00	6.15	127.42	710.43	4.30	14.55	-14.53	2.776	2.656	8.787



Aim Directional Services, LLC

Survey Report



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Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3443.00usft
Site:	Boyd Y 102H	MD Reference:	Well @ 3443.00usft
Well:	Boyd Y 102H	North Reference:	Grid
Wellbore:	Planning	Survey Calculation Method:	Minimum Curvature
Design:	Drilling	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)
772.00	7.65	131.73	770.99	-0.38	20.18	-20.18	2.600	2.459	7.066
834.00	8.66	134.63	832.36	-6.41	26.58	-26.60	1.758	1.629	4.677
897.00	9.98	141.57	894.53	-14.02	33.35	-33.40	2.748	2.095	11.016
960.00	11.08	146.49	956.47	-23.34	40.08	-40.17	2.254	1.746	7.810
1,023.00	11.74	148.78	1,018.22	-33.87	46.75	-46.88	1.270	1.048	3.635
1,086.00	12.62	149.66	1,079.80	-45.29	53.54	-53.73	1.428	1.397	1.397
1,148.00	12.79	150.89	1,140.29	-57.14	60.30	-60.53	0.515	0.274	1.984
1,197.00	12.57	151.59	1,188.09	-66.56	65.48	-65.75	0.548	-0.449	1.429
1,327.00	12.40	152.12	1,315.02	-91.34	78.74	-79.10	0.158	-0.131	0.408
1,391.00	13.49	146.40	1,377.39	-103.64	86.08	-86.50	2.627	1.703	-8.937
1,453.00	13.49	146.23	1,437.68	-115.67	94.10	-94.57	0.064	0.000	-0.274
1,516.00	13.54	146.76	1,498.94	-127.95	102.23	-102.74	0.212	0.079	0.841
1,579.00	13.36	146.05	1,560.21	-140.15	110.34	-110.90	0.388	-0.286	-1.127
1,641.00	14.24	140.78	1,620.42	-152.00	119.16	-119.77	2.474	1.419	-8.500
1,704.00	14.11	140.25	1,681.50	-163.91	128.97	-129.63	0.292	-0.206	-0.841
1,767.00	14.07	139.29	1,742.61	-175.62	138.88	-139.58	0.376	-0.063	-1.524
1,829.00	13.80	138.76	1,802.78	-186.89	148.67	-149.41	0.482	-0.435	-0.855
1,892.00	13.85	139.11	1,863.96	-198.24	158.55	-159.35	0.155	0.079	0.556
1,955.00	14.11	142.45	1,925.09	-210.03	168.17	-169.01	1.345	0.413	5.302
2,017.00	13.93	142.54	1,985.25	-221.95	177.32	-178.21	0.292	-0.290	0.145
2,080.00	13.49	147.37	2,046.45	-234.16	185.89	-186.83	1.946	-0.698	7.667
2,143.00	12.84	170.66	2,107.84	-247.26	190.99	-191.98	8.426	-1.032	36.968
2,205.00	14.33	193.51	2,168.15	-261.53	190.32	-191.37	8.920	2.403	36.855
2,267.00	18.20	209.25	2,227.68	-277.45	183.79	-184.90	9.409	6.242	25.387
2,299.00	20.35	215.31	2,257.89	-286.36	178.13	-179.28	9.169	6.719	18.937
2,330.00	21.85	221.11	2,286.82	-295.10	171.22	-172.40	8.288	4.839	18.710
2,361.00	23.12	227.26	2,315.46	-303.58	162.96	-164.17	8.617	4.097	19.839
2,392.00	24.26	233.77	2,343.85	-311.48	153.35	-154.60	9.198	3.677	21.000
2,424.00	25.36	243.44	2,372.91	-318.43	141.91	-143.19	13.123	3.437	30.219
2,455.00	27.47	251.43	2,400.68	-323.68	129.19	-130.49	13.320	6.806	25.774
2,487.00	29.93	259.70	2,428.76	-327.46	114.33	-115.64	14.583	7.687	25.844
2,518.00	33.23	265.58	2,455.17	-329.50	98.24	-99.56	14.549	10.645	18.968
2,539.00	36.18	267.17	2,472.44	-330.24	86.31	-87.64	14.693	14.048	7.571
2,570.00	40.22	267.69	2,496.79	-331.10	67.16	-68.49	13.073	13.032	1.677
2,602.00	44.44	267.87	2,520.44	-331.93	45.64	-46.97	13.193	13.187	0.562
2,664.00	50.95	269.63	2,562.15	-332.90	-0.18	-1.16	10.707	10.500	2.839
2,728.00	56.09	271.74	2,600.19	-332.25	-51.61	50.28	8.457	8.031	3.297
2,791.00	60.40	272.44	2,633.34	-330.29	-105.13	103.81	6.906	6.841	1.111
2,854.00	59.78	273.05	2,664.76	-327.68	-159.68	158.36	1.293	-0.984	0.968
2,917.00	59.38	272.88	2,696.66	-324.86	-213.93	212.63	0.676	-0.635	-0.270
2,980.00	61.71	272.70	2,727.63	-322.20	-268.72	267.43	3.707	3.698	-0.286
3,043.00	70.42	271.74	2,753.17	-319.98	-326.20	324.92	13.895	13.825	-1.524
3,106.00	73.67	271.03	2,772.59	-318.54	-386.11	384.83	5.269	5.159	-1.127



Aim Directional Services, LLC

Survey Report



Company:	Silverback Exploration	Local Co-ordinate Reference:	Well Boyd Y 102H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3443.00usft
Site:	Boyd Y 102H	MD Reference:	Well @ 3443.00usft
Well:	Boyd Y 102H	North Reference:	Grid
Wellbore:	Planning	Survey Calculation Method:	Minimum Curvature
Design:	Drilling	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)
3,169.00	79.60	271.39	2,787.14	-317.24	-447.36	446.09	9.429	9.413	0.571
3,231.00	88.22	270.51	2,793.72	-316.23	-508.95	507.67	13.975	13.903	-1.419
3,294.00	90.99	271.12	2,794.15	-315.33	-571.93	570.66	4.502	4.397	0.968
3,357.00	90.59	271.74	2,793.28	-313.76	-634.91	633.64	1.171	-0.635	0.984
3,420.00	90.59	271.65	2,792.63	-311.89	-697.87	696.62	0.143	0.000	-0.143
3,483.00	90.81	271.56	2,791.86	-310.13	-760.85	759.59	0.377	0.349	-0.143
3,546.00	90.55	271.30	2,791.11	-308.56	-823.82	822.58	0.584	-0.413	-0.413
3,609.00	90.55	271.12	2,790.51	-307.23	-886.80	885.56	0.286	0.000	-0.286
3,672.00	90.68	271.12	2,789.83	-306.00	-949.79	948.55	0.206	0.206	0.000
3,735.00	90.64	271.12	2,789.11	-304.76	-1,012.77	1,011.54	0.063	-0.063	0.000
3,798.00	90.59	271.30	2,788.43	-303.43	-1,075.75	1,074.53	0.297	-0.079	0.286
3,861.00	90.81	271.56	2,787.66	-301.86	-1,138.73	1,137.51	0.541	0.349	0.413
3,924.00	90.95	271.65	2,786.69	-300.10	-1,201.70	1,200.48	0.264	0.222	0.143
3,987.00	91.34	271.82	2,785.44	-298.19	-1,264.66	1,263.45	0.675	0.619	0.270
4,050.00	91.65	272.09	2,783.79	-296.04	-1,327.60	1,326.40	0.652	0.492	0.429
4,113.00	91.34	270.59	2,782.15	-294.57	-1,390.56	1,389.36	2.430	-0.492	-2.381
4,176.00	91.38	270.86	2,780.65	-293.77	-1,453.53	1,452.34	0.433	0.063	0.429
4,239.00	90.20	270.07	2,779.78	-293.26	-1,516.53	1,515.34	2.254	-1.873	-1.254
4,302.00	90.11	270.33	2,779.61	-293.04	-1,579.52	1,578.34	0.437	-0.143	0.413
4,365.00	90.15	270.77	2,779.47	-292.44	-1,642.52	1,641.33	0.701	0.063	0.698
4,427.00	90.29	270.86	2,779.23	-291.55	-1,704.51	1,703.33	0.268	0.226	0.145
4,490.00	91.34	270.24	2,778.34	-290.95	-1,767.50	1,766.32	1.935	1.667	-0.984
4,553.00	91.78	270.59	2,776.62	-290.49	-1,830.48	1,829.30	0.892	0.698	0.556
4,616.00	90.42	269.45	2,775.41	-290.47	-1,893.46	1,892.28	2.817	-2.159	-1.810
4,679.00	90.64	269.45	2,774.83	-291.08	-1,956.46	1,955.27	0.349	0.349	0.000
4,741.00	90.90	269.28	2,774.00	-291.76	-2,018.45	2,017.26	0.501	0.419	-0.274
4,804.00	91.12	269.28	2,772.89	-292.56	-2,081.43	2,080.24	0.349	0.349	0.000
4,867.00	91.47	269.36	2,771.46	-293.30	-2,144.41	2,143.22	0.570	0.556	0.127
4,929.00	91.87	269.54	2,769.66	-293.90	-2,206.38	2,205.19	0.707	0.645	0.290
4,992.00	90.46	269.28	2,768.37	-294.55	-2,269.37	2,268.17	2.276	-2.238	-0.413
5,055.00	90.55	269.36	2,767.82	-295.29	-2,332.36	2,331.16	0.191	0.143	0.127
5,118.00	90.64	269.19	2,767.17	-296.09	-2,395.35	2,394.14	0.305	0.143	-0.270
5,180.00	90.86	269.01	2,766.35	-297.06	-2,457.34	2,456.13	0.458	0.355	-0.290
5,243.00	89.58	268.22	2,766.11	-298.59	-2,520.32	2,519.10	2.388	-2.032	-1.254
5,306.00	89.98	267.96	2,766.35	-300.69	-2,583.28	2,582.05	0.757	0.635	-0.413
5,369.00	90.46	267.78	2,766.11	-303.03	-2,646.24	2,645.00	0.814	0.762	-0.286
5,432.00	90.86	267.25	2,765.39	-305.76	-2,709.17	2,707.92	1.054	0.635	-0.841
5,494.00	91.47	266.99	2,764.13	-308.87	-2,771.08	2,769.82	1.069	0.984	-0.419
5,557.00	90.81	268.05	2,762.87	-311.60	-2,834.01	2,832.74	1.982	-1.048	1.683
5,620.00	90.55	269.72	2,762.12	-312.83	-2,896.99	2,895.71	2.683	-0.413	2.651
5,683.00	90.81	271.03	2,761.38	-312.41	-2,959.98	2,958.71	2.120	0.413	2.079
5,746.00	90.86	271.03	2,760.46	-311.28	-3,022.97	3,021.69	0.079	0.079	0.000
5,808.00	90.29	271.65	2,759.84	-309.83	-3,084.95	3,083.68	1.358	-0.919	1.000



Aim Directional Services, LLC

Survey Report



Company:	Silverback Exploration	Local Co-ordinate Reference:	Well Boyd Y 102H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3443.00usft
Site:	Boyd Y 102H	MD Reference:	Well @ 3443.00usft
Well:	Boyd Y 102H	North Reference:	Grid
Wellbore:	Planning	Survey Calculation Method:	Minimum Curvature
Design:	Drilling	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)
5,871.00	90.46	271.65	2,759.42	-308.02	-3,147.92	3,146.66	0.270	0.270	0.000
5,933.00	90.73	271.47	2,758.78	-306.33	-3,209.89	3,208.64	0.523	0.435	-0.290
5,995.00	90.99	271.39	2,757.85	-304.78	-3,271.87	3,270.62	0.439	0.419	-0.129
6,058.00	90.07	272.26	2,757.27	-302.78	-3,334.83	3,333.59	2.010	-1.460	1.381
6,120.00	90.02	272.09	2,757.22	-300.42	-3,396.79	3,395.55	0.286	-0.081	-0.274
6,183.00	90.11	272.00	2,757.15	-298.18	-3,459.75	3,458.52	0.202	0.143	-0.143
6,245.00	90.33	272.26	2,756.91	-295.87	-3,521.70	3,520.49	0.549	0.355	0.419
6,308.00	90.42	272.44	2,756.50	-293.29	-3,584.65	3,583.44	0.319	0.143	0.286
6,370.00	90.46	272.53	2,756.02	-290.60	-3,646.59	3,645.39	0.159	0.065	0.145
6,433.00	89.76	270.68	2,755.90	-288.84	-3,709.56	3,708.37	3.140	-1.111	-2.937
6,496.00	90.07	270.42	2,755.99	-288.23	-3,772.56	3,771.37	0.642	0.492	-0.413
6,558.00	89.93	270.24	2,755.99	-287.87	-3,834.56	3,833.37	0.368	-0.226	-0.290
6,621.00	89.89	269.80	2,756.09	-287.85	-3,897.56	3,896.37	0.701	-0.063	-0.698
6,681.00	90.15	269.63	2,756.07	-288.15	-3,957.55	3,956.37	0.518	0.433	-0.283
6,742.00	90.29	269.45	2,755.84	-288.64	-4,018.55	4,017.36	0.374	0.230	-0.295
6,803.00	90.46	269.45	2,755.44	-289.23	-4,079.55	4,078.35	0.279	0.279	0.000
6,865.00	90.42	269.28	2,754.96	-289.91	-4,141.54	4,140.35	0.282	-0.065	-0.274
6,926.00	90.51	269.19	2,754.47	-290.73	-4,202.53	4,201.33	0.209	0.148	-0.148
6,986.00	90.51	269.10	2,753.93	-291.62	-4,262.53	4,261.32	0.150	0.000	-0.150
7,047.00	90.37	268.92	2,753.46	-292.68	-4,323.51	4,322.30	0.374	-0.230	-0.295
7,106.00	90.55	268.75	2,752.99	-293.88	-4,382.50	4,381.29	0.420	0.305	-0.288
7,166.00	90.42	268.48	2,752.48	-295.33	-4,442.48	4,441.26	0.499	-0.217	-0.450
7,228.00	90.11	268.22	2,752.20	-297.11	-4,504.45	4,503.23	0.653	-0.500	-0.419
7,289.00	90.51	268.57	2,751.86	-298.82	-4,565.43	4,564.19	0.871	0.656	0.574
7,350.00	90.55	268.40	2,751.30	-300.43	-4,626.41	4,625.16	0.286	0.066	-0.279
7,412.00	90.59	268.48	2,750.68	-302.12	-4,688.38	4,687.13	0.144	0.065	0.129
7,475.00	90.02	269.63	2,750.35	-303.16	-4,751.37	4,750.11	2.037	-0.905	1.825
7,537.00	90.46	269.89	2,750.09	-303.42	-4,813.37	4,812.11	0.824	0.710	0.419
7,600.00	90.64	271.39	2,749.48	-302.71	-4,876.36	4,875.10	2.398	0.286	2.381
7,663.00	90.20	270.95	2,749.02	-301.43	-4,939.34	4,938.09	0.988	-0.698	-0.698
7,726.00	90.11	270.86	2,748.85	-300.43	-5,002.34	5,001.09	0.202	-0.143	-0.143
7,788.00	90.24	270.68	2,748.66	-299.60	-5,064.33	5,063.09	0.358	0.210	-0.290
7,851.00	90.20	272.00	2,748.42	-298.13	-5,127.31	5,126.07	2.096	-0.063	2.095
7,914.00	89.80	272.79	2,748.42	-295.49	-5,190.25	5,189.03	1.406	-0.635	1.254
7,976.00	89.98	272.18	2,748.54	-292.81	-5,252.20	5,250.98	1.026	0.290	-0.984
8,039.00	92.57	271.91	2,747.14	-290.56	-5,315.13	5,313.93	4.133	4.111	-0.429
8,102.00	93.10	271.91	2,744.02	-288.46	-5,378.02	5,376.82	0.841	0.841	0.000
8,164.00	93.32	271.91	2,740.55	-286.40	-5,439.89	5,438.70	0.355	0.355	0.000
8,227.00	92.79	271.39	2,737.19	-284.59	-5,502.77	5,501.59	1.178	-0.841	-0.825
8,289.00	92.92	271.30	2,734.10	-283.13	-5,564.68	5,563.50	0.255	0.210	-0.145
8,361.00	93.14	271.12	2,730.30	-281.62	-5,636.56	5,635.39	0.395	0.306	-0.250
Last Aim Svy									
8,431.00	93.14	271.12	2,726.46	-280.25	-5,706.45	5,705.27	0.000	0.000	0.000
Proj to BHL									



Aim Directional Services, LLC

Survey Report



Company:	Silverback Exploration	Local Co-ordinate Reference:	Well Boyd Y 102H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3443.00usft
Site:	Boyd Y 102H	MD Reference:	Well @ 3443.00usft
Well:	Boyd Y 102H	North Reference:	Grid
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Design:	Drilling	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)
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Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
226.00	225.97	2.84	0.76	First Aim Svy
8,361.00	2,730.30	-281.62	-5,636.56	Last Aim Svy
8,431.00	2,726.46	-280.25	-5,706.45	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 332599 WELL API NUMBER 30-015-49723 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 102H																																
2. Name of Operator Silverback Operating II, LLC		9. OGRID Number 330968																																
3. Address of Operator IH10 West Suite 201, San Antonio, TX 78257		10. Pool name or Wildcat																																
4. Well Location Unit Letter <u>J</u> : <u>1860</u> feet from the <u>S</u> line and feet <u>2240</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.) 3427 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">NOTICE OF INTENTION TO:</td> <td colspan="2">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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Other: _____		Other: Perforations/Tubing ☒																																
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 3263'-8335' from 8/26/2022-9/3/2022. 9/10/2022 Ran and set tubing @ 2807'. Well SI and turn over to production Perforations Pool: N. SEVEN RIVERS; GLORIETA-YESO , 97565 Location: J -15-19S-25E 1550 S 2540 E <table style="width:100%;"> <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>3263</td> <td>8335</td> <td>N</td> <td>6</td> <td>0.42</td> <td>SlickWater</td> <td>Frac</td> <td>9311872</td> </tr> <tr> <td>3263</td> <td>8335</td> <td>N</td> <td>6</td> <td>0.42</td> <td>Sand</td> <td>Frac</td> <td>9734086</td> </tr> </tbody> </table> Tubing N. SEVEN RIVERS; GLORIETA-YESO , 97565 <table style="width:100%;"> <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>EUE 8R</td> <td>2807</td> <td>2807</td> </tr> </tbody> </table>			TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount	3263	8335	N	6	0.42	SlickWater	Frac	9311872	3263	8335	N	6	0.42	Sand	Frac	9734086	Tubing Size	Type	Depth Set	Packer Set	2.875	EUE 8R	2807	2807
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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>SIGNATURE</td> <td><u>Electronically Signed</u></td> <td>TITLE</td> <td><u>Chief Financial Officer</u></td> <td>DATE</td> <td><u>1/16/2023</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>1/16/2023</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. 30-015-49723								
		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: 102H				
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		1860	S	2240	E	EDDY
BH:	J	15	19S	25E		1556	S	2599	E	EDDY
13. Date Spudded 7/28/2022	14. Date T.D. Reached 08/04/2022	15. Date Rig Released 08/05/2022			16. Date Completed (Ready to Produce) 9/10/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3,427' GR		
18. Total Measured Depth of Well 8431'			19. Plug Back Measured Depth 8355'			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 3263'-8335'							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		1260'		12.25"		945 SX Cl C		0
7"		32		3010'		8.75"		365 SX Cl C		0
5.5"		20		8421'		8.75"		1560 SX Cl C		2075
24. LINER RECORD										25. TUBING RECORD
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					2 7/8	2807				
26. Perforation record (interval, size, and number) 3263'-8335', 0.42, 24 stages					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					3263'-8335'		295,615 bbls slickwater; 15% HCL Acid-1,428 bbls			
							7,154,362 #-100 Mesh			
							40/70 White-2,099,681#; 20/40 White-480,043#			
28. PRODUCTION										
Date First Production 9/26/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - ESP				Well Status (Prod. or Shut-in) Producing				
Date of Test 10/2/2022	Hours Tested 24 Hrs	Choke Size 34	Prod'n For Test Period	Oil - Bbl 145	Gas - MCF 64	Water - Bbl. 3310	Gas - Oil Ratio 441			
Flow Tubing Press. 332	Casing Pressure 88	Calculated 24- Hour Rate	Oil - Bbl. 145	Gas - MCF 64	Water - Bbl. 3310	Oil Gravity - API - (Corr.) 41				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) 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: 08/05/2022			
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>			Printed Name Fatma Abdallah		Title Regulatory Manager		Date 1/12/2023			
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 851	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 2510	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 2607	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.

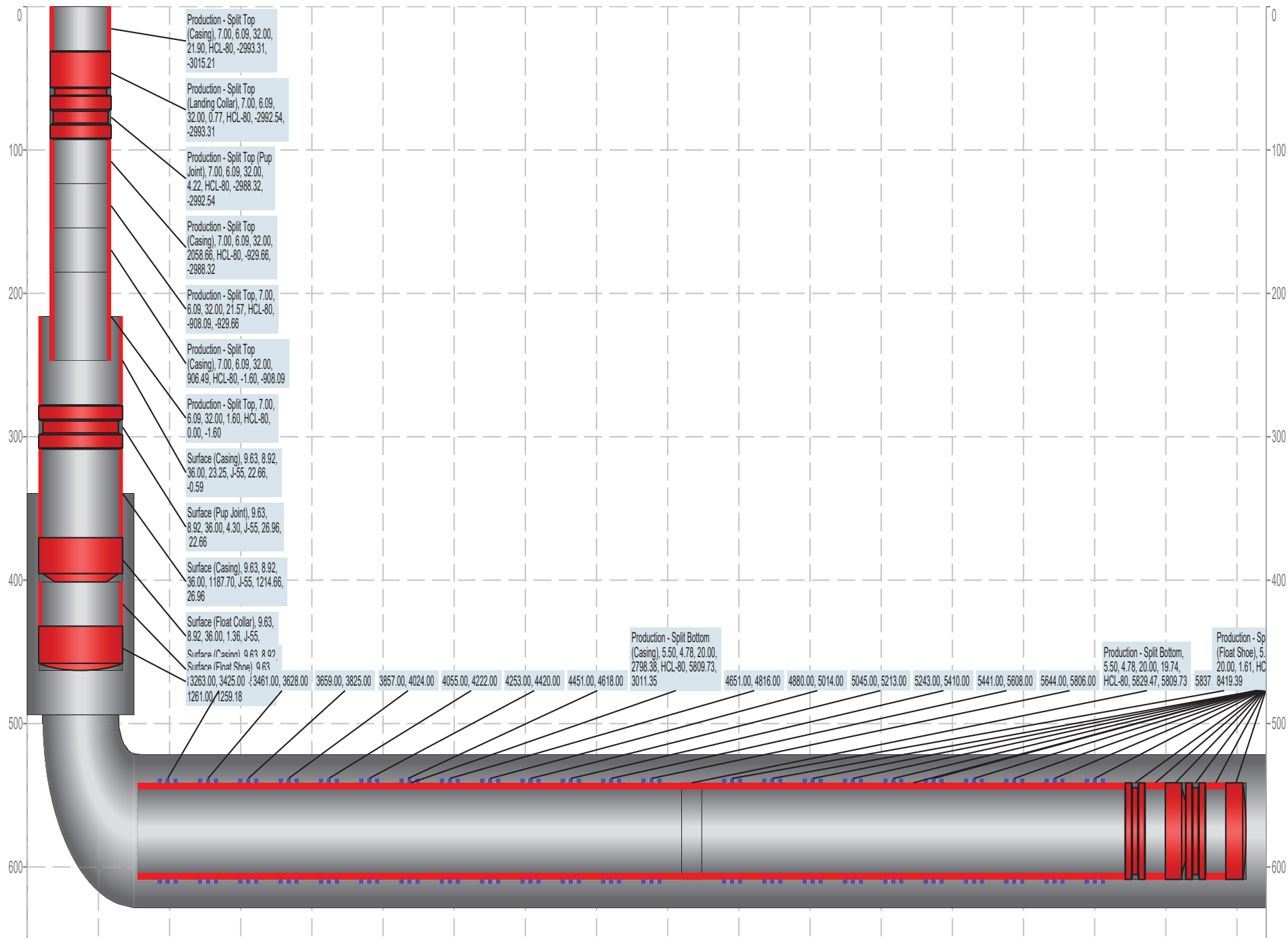
No. 1, from.....to.....feet.....

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	851	808	Dolomite, Sandstone, Siltstone				
851	2510	1599	Dolomite, Limestone				
2510	2607	75	Sandstone, Siltstone, Dolomite, Anhydritic Dolomite				
2607	8431		Dolomite, Anhydritic Dolomite				



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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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 352158

ACKNOWLEDGMENTS

Operator: Silverback Operating II, LLC 19707 IH10 West, Suite 201 San Antonio, TX 78256	OGRID: 330968
	Action Number: 352158
	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.

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 352158

CONDITIONS

Operator: Silverback Operating II, LLC 19707 IH10 West, Suite 201 San Antonio, TX 78256	OGRID: 330968
	Action Number: 352158
	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.	6/13/2024