

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 New Well-NW
⁴ API Number 30-015-49708	⁵ Pool Name N. SEVEN RIVERS; GLORIETA-YESO	⁶ Pool Code 97565
⁷ Property Code 333043	⁸ Property Name BOYD Y	⁹ Well Number 101H

II. ¹⁰ Surface Location

UL or lot no. O	Section 14	Township 19S	Range 25E	Lot Idn	Feet from the 673	North/South Line S	Feet from the 2,149	East/West line E	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. O	Section 15	Township 19S	Range 25E	Lot Idn	Feet from the 755	North/South line S	Feet from the 2,575	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 7/19/2022	²² Ready Date 9/8/2022	²³ TD 8322’	²⁴ PBDT 8265’	²⁵ Perforations 3176-8246’	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
12.25”		9.625”	1258’		840 SX - 35% B-Poz+65% CI C 100 SX – 100% CI C
8.75”		7”	3099’		320 SX - 50% B-Poz+50% CI H
8.75”		5.5”	8312’		1565 SX - 50% B-Poz+50% CI H

V. Well Test Data

³¹ Date New Oil 09/30/2022	³² Gas Delivery Date 10/03/2022	³³ Test Date 11/10/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 566	³⁶ Csg. Pressure 90
³⁷ Choke Size 22	³⁸ Oil 174	³⁹ Water 1612	⁴⁰ Gas 53		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>7/24/2024</i>		
Date: 1/11/2023		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 30-015-49708	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 101H
		⁹ Elevation 3,437'

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
O	14	19-S	25-E		673'	SOUTH	2,149'	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
O	15	19-S	25-E		755'	SOUTH	2,575'	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
480			NSP - 2151

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: 504323.56
Y: 602265.08
LAT.: N32.655616
LONG.: W104.453601

KICK OFF POINT (KOP)
MEASURED DEPTH: 2,090'
NAD 83, NM EAST ZONE, U.S. FOOT
X: 504377.96
Y: 602311.59
LAT.: N32.655744
LONG.: W104.453425

FIRST TAKE POINT (FTP)
MEASURED DEPTH: 3,153'
NAD 83, NM EAST ZONE, U.S. FOOT
X: 503679.52
Y: 602335.37
LAT.: N32.655807
LONG.: W104.455694

LAST TAKE POINT (LTP)
MEASURED DEPTH: 8,270'
NAD 83, NM EAST ZONE, U.S. FOOT
X: 498564.61
Y: 602371.90
LAT.: N32.655890
LONG.: W104.472314

BOTTOM HOLE LOCATION (BHL)
MEASURED DEPTH: 8,322'
NAD 83, NM EAST ZONE, U.S. FOOT
X: 498512.94
Y: 602370.60
LAT.: N32.655887
LONG.: W104.472482

The site map displays a grid of sections (10, 11, 12, 13, 14, 15, 22, 23) and lines (L1-L14). A red line indicates the well path from the surface hole location (SHL) through the kick-off point (KOP), first take point (FTP), last take point (LTP), and bottom hole location (BHL). The path is labeled with measured depths (MD) at each point. The map also shows section corners, bearings, and distances between key points. A north arrow and scale bar are included.

LINE #	BEARING	LENGTH
L1	S87°51'57"E	2,629.0'
L2	N89°50'34"E	2,652.1'
L3	S88°58'44"E	2,620.7'
L4	S88°58'36"E	2,620.7'
L5	S01°33'32"E	2,555.4'
L6	S01°33'32"E	2,555.4'
L7	N89°45'28"W	2,703.9'

LINE #	BEARING	LENGTH
L8	N89°45'28"W	2,703.9'
L9	N89°46'32"W	2,618.2'
L10	S89°54'33"W	2,632.2'
L11	N00°00'25"W	2,632.0'
L12	N00°00'25"W	2,632.0'
L13	N00°18'43"E	2,589.8'
L14	N00°18'43"E	2,589.8'

GPS DATUM
NAD83
NM EAST ZONE

0' 1000' 2000' W

SECTION 10 SECTION 11 SECTION 12 SECTION 13 SECTION 14 SECTION 22 SECTION 23

FOUND 1/2" IRON ROD FOUND ROCK PILE FOUND 1/2" IRON ROD FOUND 1/2" IRON ROD

(BHL) MD: 8,322' (LTP) MD: 8,270' (FTP) MD: 3,153' (SHL) MD: 2,090'

NE/4 NW/4 SE/4 SW/4 NE/4 NW/4 SE/4 SW/4

T19S-R25E

48' 755' 756' 100' 2,575' 2,523' 2,592' 100' 741' 673' 720' 2,149'

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 07/22/2024
Signature Date

Fatma Abdallah
Printed Name
fabdallah@silverbackexp.com
E-mail Address

18 SURVEYOR CERTIFICATION

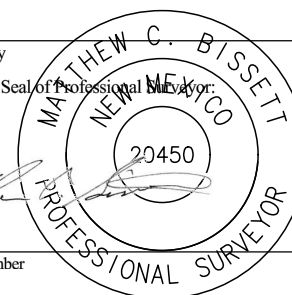
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

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 101H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3453.00usft
Site:	Boyd Y 101H	MD Reference:	Well @ 3453.00usft
Well:	Boyd Y 101H	North Reference:	Grid
Wellbore:	Planning	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	ROTOC- 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 101H		
Site Position:		Northing:	602,265.08 usft
From:	Map	Easting:	504,323.56 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 39' 20.218 N
		Longitude:	104° 27' 12.965 W
		Grid Convergence:	-0.06 °

Well	Boyd Y 101H		
Well Position	+N/-S	0.00 usft	Northing: 602,265.08 usft
	+E/-W	0.00 usft	Easting: 504,323.56 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 39' 20.218 N
		Longitude:	104° 27' 12.965 W
		Ground Level:	3,437.00 usft

Wellbore	Planning		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	7/17/2022	6.94
			Dip Angle (°) 60.30
			Field Strength (nT) 47,709.329

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 7/26/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
228.00	8,322.00	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
228.00	0.75	33.37	227.99	1.25	0.82	-0.82	0.329	0.329	0.000
First Aim Svy									
350.00	0.88	26.86	349.98	2.75	1.68	-1.67	0.131	0.107	-5.336
410.00	1.14	7.53	409.97	3.75	1.97	-1.95	0.708	0.433	-32.217
471.00	1.05	2.25	470.96	4.91	2.07	-2.05	0.222	-0.148	-8.656
530.00	1.14	358.21	529.95	6.04	2.07	-2.05	0.201	0.153	-6.847
590.00	0.75	20.27	589.94	7.00	2.19	-2.16	0.878	-0.650	36.767
650.00	0.66	31.96	649.94	7.66	2.51	-2.48	0.282	-0.150	19.483
714.00	0.53	11.22	713.93	8.27	2.76	-2.73	0.390	-0.203	-32.406
776.00	0.57	38.20	775.93	8.79	3.01	-2.97	0.419	0.065	43.516



Aim Directional Services, LLC

Survey Report



Company:	Silverback Exploration	Local Co-ordinate Reference:	Well Boyd Y 101H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3453.00usft
Site:	Boyd Y 101H	MD Reference:	Well @ 3453.00usft
Well:	Boyd Y 101H	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)
839.00	0.66	21.50	838.93	9.38	3.34	-3.30	0.317	0.143	-26.508
902.00	0.62	9.29	901.92	10.05	3.52	-3.48	0.225	-0.063	-19.381
964.00	0.62	10.34	963.92	10.71	3.64	-3.60	0.018	0.000	1.694
1,027.00	0.75	21.06	1,026.92	11.43	3.85	-3.80	0.289	0.206	17.016
1,089.00	0.66	18.25	1,088.91	12.15	4.11	-4.06	0.155	-0.145	-4.532
1,152.00	0.48	29.59	1,151.91	12.72	4.35	-4.30	0.336	-0.286	18.000
1,196.00	0.44	23.96	1,195.91	13.04	4.51	-4.46	0.137	-0.091	-12.795
1,292.00	0.62	33.72	1,291.90	13.81	4.95	-4.89	0.209	0.187	10.167
1,323.00	0.53	32.22	1,322.90	14.07	5.12	-5.06	0.294	-0.290	-4.839
1,386.00	2.90	40.57	1,385.87	15.52	6.31	-6.25	3.773	3.762	13.254
1,449.00	3.74	40.75	1,448.76	18.29	8.69	-8.61	1.333	1.333	0.286
1,512.00	3.65	40.22	1,511.63	21.38	11.32	-11.24	0.153	-0.143	-0.841
1,574.00	5.54	63.34	1,573.43	24.23	15.27	-15.17	4.210	3.048	37.290
1,637.00	5.58	63.43	1,636.14	26.96	20.73	-20.62	0.065	0.063	0.143
1,700.00	5.41	62.81	1,698.85	29.69	26.11	-25.99	0.286	-0.270	-0.984
1,763.00	5.32	63.51	1,761.57	32.35	31.37	-31.24	0.177	-0.143	1.111
1,827.00	5.05	63.16	1,825.31	34.95	36.54	-36.39	0.425	-0.422	-0.547
1,890.00	4.88	61.23	1,888.07	37.49	41.36	-41.21	0.378	-0.270	-3.063
1,953.00	4.79	58.59	1,950.85	40.15	45.95	-45.79	0.381	-0.143	-4.190
2,015.00	4.75	55.34	2,012.63	42.96	50.27	-50.10	0.441	-0.065	-5.242
2,078.00	4.53	52.09	2,075.43	45.97	54.38	-54.20	0.544	-0.349	-5.159
2,140.00	4.18	304.95	2,137.33	48.77	54.46	-54.26	11.304	-0.565	-172.806
2,202.00	11.87	279.90	2,198.69	51.17	46.31	-46.11	13.342	12.403	-40.403
2,265.00	20.48	275.33	2,259.14	53.31	28.92	-28.71	13.805	13.667	-7.254
2,328.00	27.65	278.85	2,316.63	56.59	3.47	-3.24	11.602	11.381	5.587
2,391.00	32.53	277.35	2,371.12	61.00	-27.79	28.04	7.837	7.746	-2.381
2,476.00	40.31	274.01	2,439.48	65.86	-77.97	78.23	9.443	9.153	-3.929
2,539.00	43.03	272.61	2,486.53	68.26	-119.78	120.05	4.563	4.317	-2.222
2,602.00	45.23	271.55	2,531.75	69.85	-163.61	163.89	3.683	3.492	-1.683
2,665.00	50.77	271.73	2,573.89	71.19	-210.39	210.68	8.796	8.794	0.286
2,728.00	55.03	271.20	2,611.88	72.47	-260.61	260.90	6.795	6.762	-0.841
2,790.00	61.19	270.23	2,644.62	73.11	-313.22	313.51	10.024	9.935	-1.565
2,823.00	61.58	269.79	2,660.43	73.11	-342.19	342.48	1.663	1.182	-1.333
2,853.00	61.71	269.62	2,674.67	72.98	-368.59	368.88	0.661	0.433	-0.567
2,886.00	61.67	269.27	2,690.32	72.70	-397.64	397.93	0.942	-0.121	-1.061
2,916.00	61.54	269.09	2,704.59	72.32	-424.03	424.32	0.683	-0.433	-0.600
2,949.00	61.41	268.47	2,720.35	71.70	-453.02	453.30	1.697	-0.394	-1.879
2,979.00	61.98	268.47	2,734.57	71.00	-479.42	479.70	1.900	1.900	0.000
3,042.00	69.98	269.18	2,760.20	69.83	-536.91	537.18	12.740	12.698	1.127
3,105.00	76.48	270.41	2,778.37	69.62	-597.19	597.47	10.485	10.317	1.952
3,167.00	81.45	271.20	2,790.23	70.48	-658.02	658.30	8.113	8.016	1.274
3,230.00	85.01	271.29	2,797.66	71.84	-720.56	720.84	5.653	5.651	0.143
3,293.00	87.96	271.55	2,801.52	73.40	-783.41	783.70	4.701	4.683	0.413



Aim Directional Services, LLC

Survey Report



Company:	Silverback Exploration	Local Co-ordinate Reference:	Well Boyd Y 101H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3453.00usft
Site:	Boyd Y 101H	MD Reference:	Well @ 3453.00usft
Well:	Boyd Y 101H	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)
3,355.00	89.36	271.55	2,802.97	75.08	-845.37	845.67	2.258	2.258	0.000
3,418.00	89.93	271.20	2,803.36	76.59	-908.35	908.65	1.062	0.905	-0.556
3,481.00	90.33	270.67	2,803.21	77.62	-971.34	971.65	1.054	0.635	-0.841
3,544.00	90.99	270.06	2,802.49	78.02	-1,034.34	1,034.64	1.426	1.048	-0.968
3,607.00	91.60	269.71	2,801.06	77.89	-1,097.32	1,097.62	1.116	0.968	-0.556
3,670.00	91.52	271.81	2,799.35	78.73	-1,160.29	1,160.59	3.335	-0.127	3.333
3,733.00	92.04	271.64	2,797.39	80.62	-1,223.23	1,223.54	0.868	0.825	-0.270
3,796.00	92.79	271.38	2,794.74	82.28	-1,286.15	1,286.47	1.260	1.190	-0.413
3,859.00	90.81	272.69	2,792.76	84.52	-1,349.08	1,349.40	3.768	-3.143	2.079
3,922.00	91.34	272.52	2,791.58	87.38	-1,412.00	1,412.34	0.883	0.841	-0.270
3,985.00	91.69	272.25	2,789.91	90.00	-1,474.92	1,475.27	0.702	0.556	-0.429
4,047.00	89.98	271.38	2,789.01	91.96	-1,536.88	1,537.24	3.094	-2.758	-1.403
4,111.00	90.68	271.29	2,788.64	93.45	-1,600.86	1,601.23	1.103	1.094	-0.141
4,173.00	91.43	271.20	2,787.50	94.80	-1,662.84	1,663.20	1.218	1.210	-0.145
4,236.00	90.24	270.50	2,786.58	95.74	-1,725.82	1,726.19	2.191	-1.889	-1.111
4,299.00	87.96	270.14	2,787.57	96.09	-1,788.81	1,789.18	3.664	-3.619	-0.571
4,362.00	88.48	269.97	2,789.53	96.15	-1,851.78	1,852.15	0.868	0.825	-0.270
4,424.00	88.84	269.97	2,790.98	96.12	-1,913.76	1,914.13	0.581	0.581	0.000
4,487.00	89.36	269.88	2,791.97	96.03	-1,976.75	1,977.12	0.838	0.825	-0.143
4,550.00	89.98	269.88	2,792.33	95.90	-2,039.75	2,040.12	0.984	0.984	0.000
4,613.00	90.90	270.14	2,791.84	95.91	-2,102.75	2,103.12	1.518	1.460	0.413
4,676.00	91.52	269.88	2,790.51	95.92	-2,165.73	2,166.10	1.067	0.984	-0.413
4,738.00	92.09	269.62	2,788.56	95.65	-2,227.70	2,228.07	1.010	0.919	-0.419
4,801.00	90.73	270.50	2,787.01	95.72	-2,290.68	2,291.05	2.571	-2.159	1.397
4,864.00	91.16	270.58	2,785.97	96.31	-2,353.67	2,354.04	0.694	0.683	0.127
4,927.00	92.00	270.58	2,784.24	96.95	-2,416.64	2,417.01	1.333	1.333	0.000
4,989.00	92.70	270.41	2,781.69	97.49	-2,478.59	2,478.96	1.162	1.129	-0.274
5,052.00	90.20	271.20	2,780.10	98.37	-2,541.56	2,541.93	4.162	-3.968	1.254
5,115.00	90.51	271.11	2,779.71	99.64	-2,604.54	2,604.92	0.512	0.492	-0.143
5,177.00	90.95	271.02	2,778.92	100.79	-2,666.53	2,666.91	0.724	0.710	-0.145
5,240.00	91.60	270.94	2,777.52	101.87	-2,729.50	2,729.89	1.040	1.032	-0.127
5,303.00	92.00	270.85	2,775.54	102.85	-2,792.46	2,792.85	0.651	0.635	-0.143
5,366.00	89.89	271.02	2,774.50	103.88	-2,855.44	2,855.84	3.360	-3.349	0.270
5,429.00	90.15	270.94	2,774.48	104.96	-2,918.43	2,918.83	0.432	0.413	-0.127
5,492.00	90.46	271.02	2,774.14	106.04	-2,981.42	2,981.82	0.508	0.492	0.127
5,555.00	91.12	271.11	2,773.27	107.21	-3,044.40	3,044.81	1.057	1.048	0.143
5,618.00	91.65	270.85	2,771.75	108.28	-3,107.38	3,107.79	0.937	0.841	-0.413
5,680.00	92.40	270.41	2,769.56	108.97	-3,169.33	3,169.75	1.402	1.210	-0.710
5,744.00	89.80	269.97	2,768.33	109.18	-3,233.32	3,233.73	4.120	-4.062	-0.687
5,807.00	89.93	269.71	2,768.48	109.00	-3,296.32	3,296.73	0.461	0.206	-0.413
5,869.00	90.37	269.53	2,768.32	108.59	-3,358.31	3,358.72	0.767	0.710	-0.290
5,932.00	90.81	269.00	2,767.67	107.78	-3,421.30	3,421.71	1.093	0.698	-0.841
5,994.00	91.56	268.65	2,766.39	106.51	-3,483.28	3,483.68	1.335	1.210	-0.565



Aim Directional Services, LLC

Survey Report



Company:	Silverback Exploration	Local Co-ordinate Reference:	Well Boyd Y 101H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3453.00usft
Site:	Boyd Y 101H	MD Reference:	Well @ 3453.00usft
Well:	Boyd Y 101H	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)
6,057.00	92.09	268.12	2,764.38	104.74	-3,546.22	3,546.61	1.189	0.841	-0.841
6,119.00	90.68	268.91	2,762.88	103.13	-3,608.18	3,608.56	2.607	-2.274	1.274
6,182.00	90.86	268.65	2,762.03	101.79	-3,671.16	3,671.54	0.502	0.286	-0.413
6,245.00	91.30	268.56	2,760.85	100.26	-3,734.13	3,734.50	0.713	0.698	-0.143
6,308.00	91.74	268.47	2,759.18	98.62	-3,797.09	3,797.45	0.713	0.698	-0.143
6,371.00	90.86	270.67	2,757.75	98.15	-3,860.06	3,860.43	3.760	-1.397	3.492
6,434.00	91.16	270.50	2,756.64	98.79	-3,923.05	3,923.42	0.547	0.476	-0.270
6,496.00	89.93	271.02	2,756.05	99.62	-3,985.04	3,985.41	2.154	-1.984	0.839
6,557.00	90.42	271.02	2,755.86	100.70	-4,046.03	4,046.40	0.803	0.803	0.000
6,618.00	91.03	270.76	2,755.09	101.65	-4,107.02	4,107.39	1.087	1.000	-0.426
6,678.00	91.47	270.32	2,753.78	102.22	-4,167.00	4,167.38	1.037	0.733	-0.733
6,740.00	90.29	271.20	2,752.83	103.04	-4,228.99	4,229.37	2.374	-1.903	1.419
6,800.00	90.59	271.02	2,752.37	104.20	-4,288.97	4,289.36	0.583	0.500	-0.300
6,861.00	91.12	270.85	2,751.46	105.20	-4,349.96	4,350.35	0.912	0.869	-0.279
6,920.00	91.74	270.50	2,749.98	105.89	-4,408.94	4,409.32	1.207	1.051	-0.593
6,980.00	92.35	270.23	2,747.84	106.27	-4,468.90	4,469.29	1.112	1.017	-0.450
7,040.00	90.29	271.02	2,746.46	106.93	-4,528.87	4,529.27	3.677	-3.433	1.317
7,103.00	90.59	270.76	2,745.98	107.91	-4,591.86	4,592.26	0.630	0.476	-0.413
7,166.00	91.08	270.67	2,745.06	108.69	-4,654.85	4,655.25	0.791	0.778	-0.143
7,228.00	91.52	270.41	2,743.65	109.28	-4,716.83	4,717.23	0.824	0.710	-0.419
7,291.00	92.09	270.06	2,741.67	109.53	-4,779.80	4,780.20	1.062	0.905	-0.556
7,354.00	89.76	270.41	2,740.65	109.79	-4,842.79	4,843.19	3.740	-3.698	0.556
7,417.00	90.11	270.50	2,740.72	110.29	-4,905.78	4,906.19	0.574	0.556	0.143
7,480.00	90.68	270.14	2,740.29	110.64	-4,968.78	4,969.19	1.070	0.905	-0.571
7,542.00	91.43	269.79	2,739.15	110.61	-5,030.77	5,031.17	1.335	1.210	-0.565
7,605.00	92.31	269.53	2,737.09	110.23	-5,093.74	5,094.14	1.456	1.397	-0.413
7,668.00	90.24	270.50	2,735.69	110.25	-5,156.72	5,157.12	3.628	-3.286	1.540
7,731.00	90.73	270.41	2,735.16	110.75	-5,219.71	5,220.11	0.791	0.778	-0.143
7,794.00	90.99	270.23	2,734.21	111.10	-5,282.70	5,283.11	0.502	0.413	-0.286
7,856.00	90.20	269.97	2,733.57	111.21	-5,344.70	5,345.10	1.341	-1.274	-0.419
7,919.00	89.71	270.06	2,733.62	111.23	-5,407.70	5,408.10	0.791	-0.778	0.143
7,982.00	89.98	269.79	2,733.79	111.14	-5,470.70	5,471.10	0.606	0.429	-0.429
8,044.00	90.20	269.53	2,733.69	110.78	-5,532.70	5,533.10	0.549	0.355	-0.419
8,107.00	90.46	269.18	2,733.33	110.07	-5,595.69	5,596.09	0.692	0.413	-0.556
8,170.00	90.68	269.00	2,732.70	109.07	-5,658.68	5,659.07	0.451	0.349	-0.286
8,195.00	90.73	268.83	2,732.39	108.59	-5,683.67	5,684.06	0.709	0.200	-0.680
8,247.00	90.86	268.56	2,731.67	107.41	-5,735.66	5,736.04	0.576	0.250	-0.519
Last Aim Svy									
8,322.00	90.86	268.56	2,730.54	105.52	-5,810.62	5,811.00	0.000	0.000	0.000
Proj to BHL									

Company:	Silverback Exploration	Local Co-ordinate Reference:	Well Boyd Y 101H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Well @ 3453.00usft
Site:	Boyd Y 101H	MD Reference:	Well @ 3453.00usft
Well:	Boyd Y 101H	North Reference:	Grid
Wellbore:	Planning	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	RTOC- EDM 5000.1 Single User Db

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
228.00	227.99	1.25	0.82	First Aim Svy
8,247.00	2,731.67	107.41	-5,735.66	Last Aim Svy
8,322.00	2,730.54	105.52	-5,810.62	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 332595 WELL API NUMBER 30-015-49708 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 101H																																
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>O</u> : <u>673</u> feet from the <u>S</u> line and feet <u>2149</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.) 3437 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: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____ </td> <td> SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ Other: Perforations/Tubing ☒ </td> </tr> </table>			NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ Other: _____		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTER CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐ CASING/CEMENT JOB ☐ 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 3176'-8246' from 8/19/2022-8/25/2022. 09/07/2022 Ran and set tubing @ 2790' . Well SI and turn over to production Perforations <table style="width:100%;"> <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> <tr> <td>3176</td> <td>8246</td> <td>N</td> <td>6</td> <td>0.42</td> <td>SlickWater</td> <td>Frac</td> <td>8450001</td> </tr> <tr> <td>3176</td> <td>8246</td> <td>N</td> <td>6</td> <td>0.42</td> <td>Sand</td> <td>Frac</td> <td>8943902</td> </tr> </table> Tubing <table style="width:100%;"> <tr> <th>Tubing Size</th> <th>Type</th> <th>Depth Set</th> <th>Packer Set</th> </tr> <tr> <td>2.875</td> <td>EUE 8R</td> <td>2790</td> <td>2790</td> </tr> </table>			TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount	3176	8246	N	6	0.42	SlickWater	Frac	8450001	3176	8246	N	6	0.42	Sand	Frac	8943902	Tubing Size	Type	Depth Set	Packer Set	2.875	EUE 8R	2790	2790
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Tubing Size	Type	Depth Set	Packer Set																															
2.875	EUE 8R	2790	2790																															
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					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-015-49708		
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)								2. Type of Lease ☐ STATE ☒ FEE ☐ FED/INDIAN		
								3. State Oil & Gas Lease No.		
5. Lease Name or Unit Agreement Name BOYD Y								6. Well Number: 101H		
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:	O	14	19S	25E		673	S	2,149	E	EDDY
BH:	O	15	19S	25E		755	S	2,575	E	EDDY
13. Date Spudded 7/19/2022	14. Date T.D. Reached 07/24/2022		15. Date Rig Released 07/26/2022		16. Date Completed (Ready to Produce) 9/8/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3437' GR		
18. Total Measured Depth of Well 8322'			19. Plug Back Measured Depth 8265'		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 3176'-8246'								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		1258'		12.25"		840 SX - 35% B-Poz+65% CI C 100		
7"		32		3099'		8.75"		SX - 100% CI C		
5.5"		20		8312'		8.75"		320 SX - 50% B-Poz+50% CI H		
								1565 SX - 50% B-Poz+50% CI H		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD					
					SIZE	DEPTH SET	PACKER SET			
					2 7/8	2790.48				
26. Perforation record (interval, size, and number) 3176'-8246', 0.42, 22 stages					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					3176'-8246'		268,254 bbls slickwater; 15% HCL Acid-1320 bbls			
							6,579,097 #-100 Mesh			
							40/70 White -1,918,054#; 20/40 White-446,751#			
28. PRODUCTION										
Date First Production 9/29/2022		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 11/10/2022	Hours Tested 24 Hrs	Choke Size 22	Prod'n For Test Period	Oil - Bbl 174	Gas - MCF 53	Water - Bbl. 1612	Gas - Oil Ratio			
Flow Tubing Press. 566	Casing Pressure 90	Calculated 24-Hour Rate	Oil - Bbl. 174	Gas - MCF 53	Water - Bbl. 1612	Oil Gravity - API - (<i>Corr.</i>) 40				
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: 07/26/2022			
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 Fatma Abdallah			Printed Name Fatma Abdallah		Title Regulatory Manager			Date 1/11/2023		
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 861	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 2505	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 2609	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.

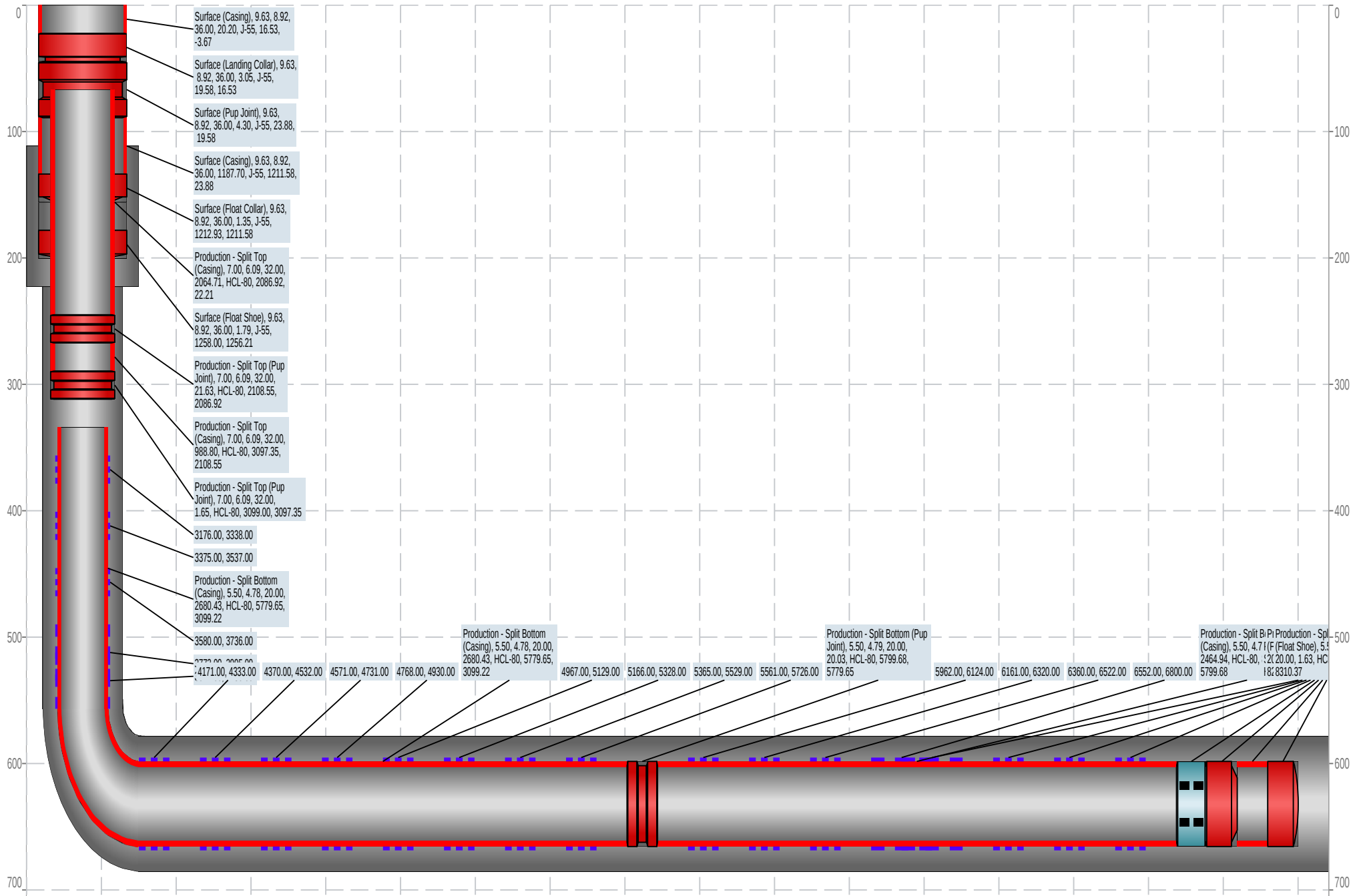
No. 1, from.....to.....feet.....

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
52	861	809	Dolomite, Sandstone, Siltstone				
861	2505	1600	Dolomite, Limestone				
2505	2609	75	Sandstone, Siltstone, Dolomite, Anhydritic Dolomite				
2609	8322		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 366270

ACKNOWLEDGMENTS

Operator: Silverback Operating II, LLC 19707 IH10 West, Suite 201 San Antonio, TX 78256	OGRID: 330968
	Action Number: 366270
	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 366270

CONDITIONS

Operator: Silverback Operating II, LLC 19707 IH10 West, Suite 201 San Antonio, TX 78256	OGRID: 330968
	Action Number: 366270
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	7/24/2024