

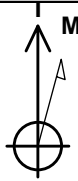
Magpie Operating, Inc.

Well Name: Bunker 8-1H
 Surface Location: Bunker 8 Well Pad Sec.29-T5N-R68W
 North American Datum 1983, US State Plane 1983, Colorado Northern Zone
 Ground Elevation: 4997.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1377695.09 3130398.62 40.369230 -105.032010
 Original Well Elev WELL @ 5013.0ft (Original Well Elev)

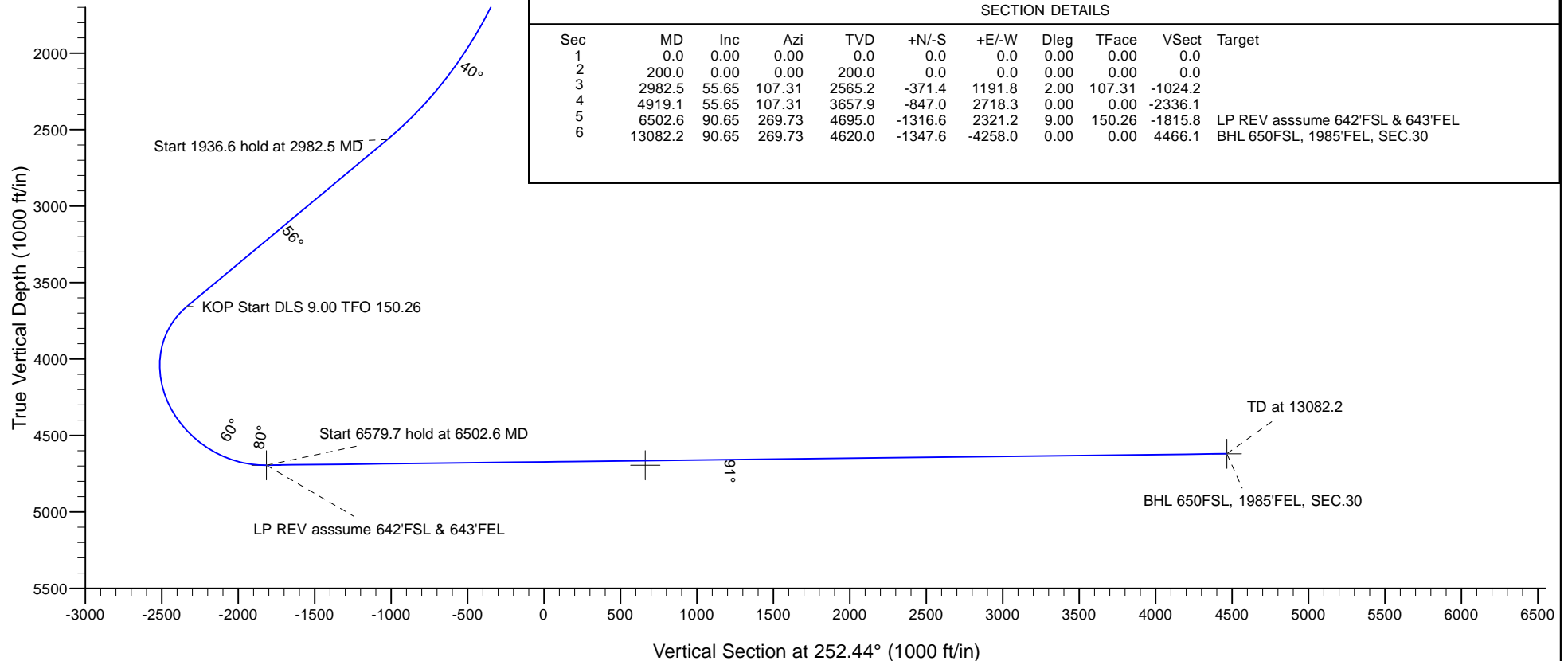
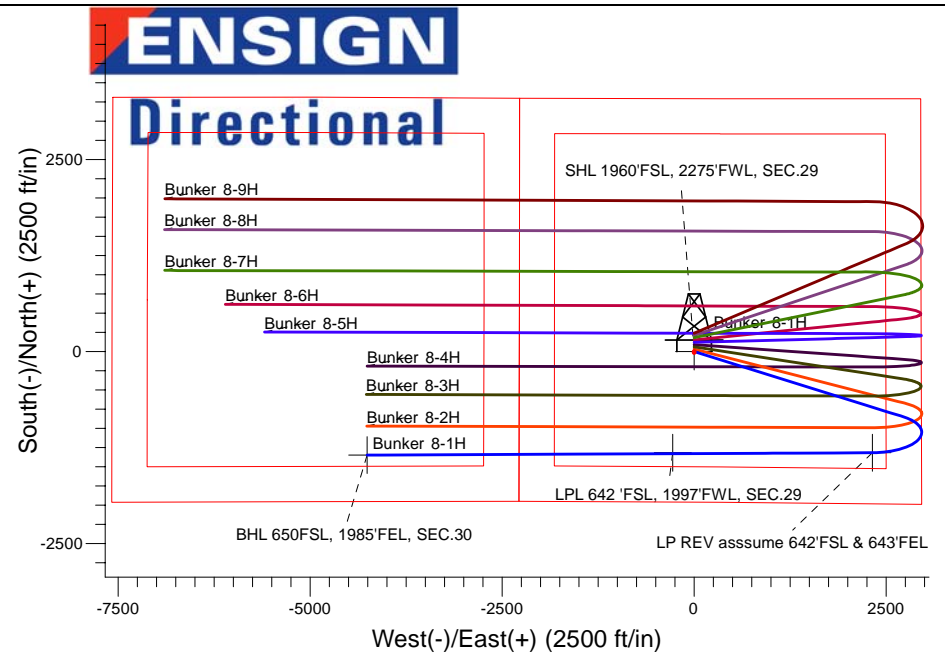
DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude
SHL 1960'FSL, 2275'FWL, SEC.29	1.0	0.0	0.0	40.369230	-105.032010
BHL 650'FSL, 1985'FEL, SEC.30	4620.0	-1347.6	-4258.0	40.365530	-105.047290
LP REV assume 642'FSL & 643'FEL	4695.0	-1316.6	2321.2	40.365616	-105.023680
LPL 642 'FSL, 1997'FWL, SEC.29	4695.0	-1316.6	-278.7	40.365616	-105.033010

Bunker 8 Well Pad Sec.29-T5N-R68W
 Bunker 8-1H
 Plan #3 (2-1-21)
 10:08, February 04 2021



Azimuths to True North
 Magnetic North: 8.23°
 Magnetic Field
 Strength: 51908.8snT
 Dip Angle: 66.55°
 Date: 02/04/2021
 Model: HDGM





Magpie Operating, Inc.

SEC.29-T5N-R68W

Bunker 8 Well Pad Sec.29-T5N-R68W

Bunker 8-1H

Wellbore #1

Plan: Plan #3 (2-1-21)

Standard Planning Report

04 February, 2021

Database:	US_EDM	Local Co-ordinate Reference:	Well Bunker 8-1H
Company:	Magpie Operating, Inc.	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Project:	SEC.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	North Reference:	True
Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 (2-1-21)		

Project	SEC.29-T5N-R68W, Laramier County, CO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site						Bunker 8 Well Pad Sec.29-T5N-R68W											
Site Position:			Northing:			1,377,695.11 usft			Latitude:			40.369230					
From:			Lat/Long			Easting:			3,130,398.62 usft			Longitude:			-105.032010		
Position Uncertainty:			0.0 ft			Slot Radius:			13-3/16 "			Grid Convergence:			0.30		

Well	Bunker 8-1H					
Well Position	+N/-S	0.0 ft	Northing:	1,377,695.09 usft	Latitude:	40.369230
	+E/-W	0.0 ft	Easting:	3,130,398.62 usft	Longitude:	-105.032010
Position Uncertainty		0.0 ft	Wellhead Elevation:	0.0 ft	Ground Level:	4,997.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	12/07/2018	8.45	66.63	52,137
	HDGM	02/04/2021	8.23	66.55	51,909

Design	Plan #3 (2-1-21)			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	252.44

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(°/100usft)	(°/100usft)	(°/100usft)	(°)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,982.5	55.65	107.31	2,565.2	-371.4	1,191.8	2.00	2.00	0.00	107.31	
4,919.1	55.65	107.31	3,657.9	-847.0	2,718.3	0.00	0.00	0.00	0.00	
6,502.6	90.65	269.73	4,695.0	-1,316.6	2,321.2	9.00	2.21	10.26	150.26	LP REV asssume 642
13,082.2	90.65	269.73	4,620.0	-1,347.6	-4,258.0	0.00	0.00	0.00	0.00	BHL 650FSL, 1985'FE

Database:	US_EDM	Local Co-ordinate Reference:	Well Bunker 8-1H
Company:	Magpie Operating, Inc.	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Project:	SEC.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	North Reference:	True
Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 (2-1-21)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
300.0	2.00	107.31	300.0	-0.5	1.7	-1.4	2.00	2.00	0.00
400.0	4.00	107.31	399.8	-2.1	6.7	-5.7	2.00	2.00	0.00
500.0	6.00	107.31	499.5	-4.7	15.0	-12.9	2.00	2.00	0.00
600.0	8.00	107.31	598.7	-8.3	26.6	-22.9	2.00	2.00	0.00
700.0	10.00	107.31	697.5	-12.9	41.6	-35.7	2.00	2.00	0.00
800.0	12.00	107.31	795.6	-18.6	59.8	-51.4	2.00	2.00	0.00
900.0	14.00	107.31	893.1	-25.3	81.2	-69.8	2.00	2.00	0.00
1,000.0	16.00	107.31	989.6	-33.0	106.0	-91.1	2.00	2.00	0.00
1,100.0	18.00	107.31	1,085.3	-41.7	133.9	-115.0	2.00	2.00	0.00
1,200.0	20.00	107.31	1,179.8	-51.4	164.9	-141.7	2.00	2.00	0.00
1,300.0	22.00	107.31	1,273.2	-62.1	199.2	-171.2	2.00	2.00	0.00
1,400.0	24.00	107.31	1,365.2	-73.7	236.5	-203.2	2.00	2.00	0.00
1,500.0	26.00	107.31	1,455.8	-86.3	276.8	-237.9	2.00	2.00	0.00
1,600.0	28.00	107.31	1,544.9	-99.8	320.1	-275.1	2.00	2.00	0.00
1,700.0	30.00	107.31	1,632.4	-114.2	366.4	-314.9	2.00	2.00	0.00
1,800.0	32.00	107.31	1,718.1	-129.5	415.6	-357.2	2.00	2.00	0.00
1,900.0	34.00	107.31	1,802.0	-145.7	467.6	-401.8	2.00	2.00	0.00
2,000.0	36.00	107.31	1,883.9	-162.8	522.4	-448.9	2.00	2.00	0.00
2,100.0	38.00	107.31	1,963.7	-180.7	579.8	-498.3	2.00	2.00	0.00
2,200.0	40.00	107.31	2,041.5	-199.4	639.9	-549.9	2.00	2.00	0.00
2,300.0	42.00	107.31	2,116.9	-218.9	702.5	-603.7	2.00	2.00	0.00
2,400.0	44.00	107.31	2,190.1	-239.2	767.6	-659.7	2.00	2.00	0.00
2,500.0	46.00	107.31	2,260.8	-260.2	835.1	-717.7	2.00	2.00	0.00
2,600.0	48.00	107.31	2,329.0	-282.0	905.0	-777.7	2.00	2.00	0.00
2,700.0	50.00	107.31	2,394.6	-304.4	977.0	-839.6	2.00	2.00	0.00
2,800.0	52.00	107.31	2,457.5	-327.6	1,051.2	-903.4	2.00	2.00	0.00
2,900.0	54.00	107.31	2,517.7	-351.3	1,127.4	-968.9	2.00	2.00	0.00
2,982.5	55.65	107.31	2,565.2	-371.4	1,191.8	-1,024.2	2.00	2.00	0.00
Start 1936.6 hold at 2982.5 MD									
3,000.0	55.65	107.31	2,575.1	-375.7	1,205.6	-1,036.1	0.00	0.00	0.00
3,100.0	55.65	107.31	2,631.5	-400.2	1,284.4	-1,103.8	0.00	0.00	0.00
3,200.0	55.65	107.31	2,687.9	-424.8	1,363.3	-1,171.5	0.00	0.00	0.00
3,300.0	55.65	107.31	2,744.3	-449.4	1,442.1	-1,239.3	0.00	0.00	0.00
3,400.0	55.65	107.31	2,800.8	-473.9	1,520.9	-1,307.0	0.00	0.00	0.00
3,500.0	55.65	107.31	2,857.2	-498.5	1,599.7	-1,374.8	0.00	0.00	0.00
3,600.0	55.65	107.31	2,913.6	-523.0	1,678.5	-1,442.5	0.00	0.00	0.00
3,700.0	55.65	107.31	2,970.0	-547.6	1,757.4	-1,510.2	0.00	0.00	0.00
3,800.0	55.65	107.31	3,026.5	-572.2	1,836.2	-1,578.0	0.00	0.00	0.00
3,900.0	55.65	107.31	3,082.9	-596.7	1,915.0	-1,645.7	0.00	0.00	0.00
4,000.0	55.65	107.31	3,139.3	-621.3	1,993.8	-1,713.5	0.00	0.00	0.00
4,100.0	55.65	107.31	3,195.7	-645.8	2,072.7	-1,781.2	0.00	0.00	0.00
4,200.0	55.65	107.31	3,252.2	-670.4	2,151.5	-1,848.9	0.00	0.00	0.00
4,300.0	55.65	107.31	3,308.6	-695.0	2,230.3	-1,916.7	0.00	0.00	0.00
4,400.0	55.65	107.31	3,365.0	-719.5	2,309.1	-1,984.4	0.00	0.00	0.00
4,500.0	55.65	107.31	3,421.4	-744.1	2,388.0	-2,052.1	0.00	0.00	0.00
4,600.0	55.65	107.31	3,477.9	-768.7	2,466.8	-2,119.9	0.00	0.00	0.00
4,700.0	55.65	107.31	3,534.3	-793.2	2,545.6	-2,187.6	0.00	0.00	0.00
4,800.0	55.65	107.31	3,590.7	-817.8	2,624.4	-2,255.4	0.00	0.00	0.00
4,900.0	55.65	107.31	3,647.1	-842.3	2,703.2	-2,323.1	0.00	0.00	0.00
4,919.1	55.65	107.31	3,657.9	-847.0	2,718.3	-2,336.1	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well Bunker 8-1H
Company:	Maggie Operating, Inc.	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Project:	SEC.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	North Reference:	True
Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 (2-1-21)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
KOP Start DLS 9.00 TFO 150.26									
5,000.0	49.42	112.05	3,707.1	-868.5	2,778.7	-2,387.2	9.00	-7.70	5.87
5,100.0	42.05	119.29	3,776.9	-899.2	2,843.3	-2,439.4	9.00	-7.37	7.24
5,200.0	35.28	128.82	3,855.0	-933.8	2,895.1	-2,478.4	9.00	-6.77	9.53
5,300.0	29.54	141.83	3,939.5	-971.4	2,932.9	-2,503.1	9.00	-5.74	13.00
5,400.0	25.55	159.36	4,028.3	-1,011.0	2,955.8	-2,513.0	9.00	-3.99	17.54
5,500.0	24.18	180.62	4,119.2	-1,051.8	2,963.2	-2,507.7	9.00	-1.37	21.26
5,600.0	25.87	201.63	4,210.0	-1,092.6	2,954.9	-2,487.5	9.00	1.69	21.01
5,700.0	30.10	218.66	4,298.4	-1,132.5	2,931.1	-2,452.8	9.00	4.23	17.03
5,800.0	35.97	231.22	4,382.3	-1,170.6	2,892.5	-2,404.5	9.00	5.88	12.56
5,900.0	42.82	240.46	4,459.6	-1,205.8	2,839.9	-2,343.7	9.00	6.85	9.23
6,000.0	50.24	247.50	4,528.4	-1,237.3	2,774.7	-2,272.1	9.00	7.42	7.04
6,100.0	58.00	253.14	4,587.0	-1,264.4	2,698.5	-2,191.2	9.00	7.76	5.64
6,200.0	65.97	257.89	4,634.0	-1,286.3	2,613.1	-2,103.2	9.00	7.97	4.75
6,300.0	74.07	262.07	4,668.1	-1,302.6	2,520.6	-2,010.1	9.00	8.10	4.18
6,400.0	82.24	265.93	4,688.6	-1,312.7	2,423.4	-1,914.3	9.00	8.17	3.86
6,500.0	90.44	269.64	4,695.0	-1,316.6	2,323.8	-1,818.2	9.00	8.21	3.71
6,502.6	90.65	269.73	4,695.0	-1,316.6	2,321.2	-1,815.8	9.00	8.21	3.69
Start 6579.7 hold at 6502.6 MD									
6,600.0	90.65	269.73	4,693.9	-1,317.1	2,223.8	-1,722.7	0.00	0.00	0.00
6,700.0	90.65	269.73	4,692.7	-1,317.5	2,123.8	-1,627.3	0.00	0.00	0.00
6,800.0	90.65	269.73	4,691.6	-1,318.0	2,023.8	-1,531.8	0.00	0.00	0.00
6,900.0	90.65	269.73	4,690.5	-1,318.5	1,923.8	-1,436.3	0.00	0.00	0.00
7,000.0	90.65	269.73	4,689.3	-1,318.9	1,823.8	-1,340.8	0.00	0.00	0.00
7,100.0	90.65	269.73	4,688.2	-1,319.4	1,723.8	-1,245.4	0.00	0.00	0.00
7,200.0	90.65	269.73	4,687.0	-1,319.9	1,623.8	-1,149.9	0.00	0.00	0.00
7,300.0	90.65	269.73	4,685.9	-1,320.4	1,523.8	-1,054.4	0.00	0.00	0.00
7,400.0	90.65	269.73	4,684.8	-1,320.8	1,423.8	-958.9	0.00	0.00	0.00
7,500.0	90.65	269.73	4,683.6	-1,321.3	1,323.8	-863.5	0.00	0.00	0.00
7,600.0	90.65	269.73	4,682.5	-1,321.8	1,223.8	-768.0	0.00	0.00	0.00
7,700.0	90.65	269.73	4,681.4	-1,322.2	1,123.8	-672.5	0.00	0.00	0.00
7,800.0	90.65	269.73	4,680.2	-1,322.7	1,023.9	-577.0	0.00	0.00	0.00
7,900.0	90.65	269.73	4,679.1	-1,323.2	923.9	-481.6	0.00	0.00	0.00
8,000.0	90.65	269.73	4,677.9	-1,323.6	823.9	-386.1	0.00	0.00	0.00
8,100.0	90.65	269.73	4,676.8	-1,324.1	723.9	-290.6	0.00	0.00	0.00
8,200.0	90.65	269.73	4,675.7	-1,324.6	623.9	-195.1	0.00	0.00	0.00
8,300.0	90.65	269.73	4,674.5	-1,325.1	523.9	-99.7	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well Bunker 8-1H
Company:	Magpie Operating, Inc.	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Project:	SEC.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	North Reference:	True
Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 (2-1-21)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,100.0	90.65	269.73	4,654.0	-1,333.5	-1,276.0	1,618.9	0.00	0.00	0.00
10,200.0	90.65	269.73	4,652.9	-1,334.0	-1,376.0	1,714.3	0.00	0.00	0.00
10,300.0	90.65	269.73	4,651.7	-1,334.5	-1,476.0	1,809.8	0.00	0.00	0.00
10,400.0	90.65	269.73	4,650.6	-1,334.9	-1,575.9	1,905.3	0.00	0.00	0.00
10,500.0	90.65	269.73	4,649.4	-1,335.4	-1,675.9	2,000.8	0.00	0.00	0.00
10,600.0	90.65	269.73	4,648.3	-1,335.9	-1,775.9	2,096.2	0.00	0.00	0.00
10,700.0	90.65	269.73	4,647.2	-1,336.4	-1,875.9	2,191.7	0.00	0.00	0.00
10,800.0	90.65	269.73	4,646.0	-1,336.8	-1,975.9	2,287.2	0.00	0.00	0.00
10,900.0	90.65	269.73	4,644.9	-1,337.3	-2,075.9	2,382.7	0.00	0.00	0.00
11,000.0	90.65	269.73	4,643.7	-1,337.8	-2,175.9	2,478.1	0.00	0.00	0.00
11,100.0	90.65	269.73	4,642.6	-1,338.2	-2,275.9	2,573.6	0.00	0.00	0.00
11,200.0	90.65	269.73	4,641.5	-1,338.7	-2,375.9	2,669.1	0.00	0.00	0.00
11,300.0	90.65	269.73	4,640.3	-1,339.2	-2,475.9	2,764.6	0.00	0.00	0.00
11,400.0	90.65	269.73	4,639.2	-1,339.6	-2,575.9	2,860.0	0.00	0.00	0.00
11,500.0	90.65	269.73	4,638.0	-1,340.1	-2,675.9	2,955.5	0.00	0.00	0.00
11,600.0	90.65	269.73	4,636.9	-1,340.6	-2,775.9	3,051.0	0.00	0.00	0.00
11,700.0	90.65	269.73	4,635.8	-1,341.1	-2,875.8	3,146.5	0.00	0.00	0.00
11,800.0	90.65	269.73	4,634.6	-1,341.5	-2,975.8	3,241.9	0.00	0.00	0.00
11,900.0	90.65	269.73	4,633.5	-1,342.0	-3,075.8	3,337.4	0.00	0.00	0.00
12,000.0	90.65	269.73	4,632.3	-1,342.5	-3,175.8	3,432.9	0.00	0.00	0.00
12,100.0	90.65	269.73	4,631.2	-1,342.9	-3,275.8	3,528.3	0.00	0.00	0.00
12,200.0	90.65	269.73	4,630.1	-1,343.4	-3,375.8	3,623.8	0.00	0.00	0.00
12,300.0	90.65	269.73	4,628.9	-1,343.9	-3,475.8	3,719.3	0.00	0.00	0.00
12,400.0	90.65	269.73	4,627.8	-1,344.4	-3,575.8	3,814.8	0.00	0.00	0.00
12,500.0	90.65	269.73	4,626.6	-1,344.8	-3,675.8	3,910.2	0.00	0.00	0.00
12,600.0	90.65	269.73	4,625.5	-1,345.3	-3,775.8	4,005.7	0.00	0.00	0.00
12,700.0	90.65	269.73	4,624.4	-1,345.8	-3,875.8	4,101.2	0.00	0.00	0.00
12,800.0	90.65	269.73	4,623.2	-1,346.2	-3,975.8	4,196.7	0.00	0.00	0.00
12,900.0	90.65	269.73	4,622.1	-1,346.7	-4,075.8	4,292.1	0.00	0.00	0.00
13,000.0	90.65	269.73	4,620.9	-1,347.2	-4,175.7	4,387.6	0.00	0.00	0.00
13,082.2	90.65	269.73	4,620.0	-1,347.6	-4,258.0	4,466.1	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL 1960'FSL, 2275'FW - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,377,695.11	3,130,398.62	40.369230	-105.032010
BHL 650FSL, 1985'FEL, - plan hits target center - Point	0.00	0.00	4,620.0	-1,347.6	-4,258.0	1,376,325.14	3,126,147.98	40.365530	-105.047290
LP REV assume 642'F ¹ - plan hits target center - Point	0.00	0.00	4,695.0	-1,316.6	2,321.2	1,376,390.82	3,132,726.63	40.365616	-105.023681
LPL 642'FSL, 1997'FWI - plan misses target center by 32.1ft at 9102.2ft MD (4665.4 TVD, -1328.8 N, -278.3 E) - Point	0.00	0.00	4,695.0	-1,316.6	-278.7	1,376,377.10	3,130,126.91	40.365616	-105.033010

Database:	US_EDM	Local Co-ordinate Reference:	Well Bunker 8-1H
Company:	Magpie Operating, Inc.	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Project:	SEC.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	North Reference:	True
Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #3 (2-1-21)		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
200.0	200.0	0.0	0.0	Start Build 2.00
2,982.5	2,565.2	-371.4	1,191.8	Start 1936.6 hold at 2982.5 MD
4,919.1	3,657.9	-847.0	2,718.3	KOP Start DLS 9.00 TFO 150.26
6,502.6	4,695.0	-1,316.6	2,321.2	Start 6579.7 hold at 6502.6 MD
13,082.2	4,620.0	-1,347.6	-4,258.0	TD at 13082.2



Magpie Operating, Inc.

SEC.29-T5N-R68W

Bunker 8 Well Pad Sec.29-T5N-R68W

Bunker 8-1H

Wellbore #1

Plan #3 (2-1-21)

Anticollision Report

04 February, 2021

Company:	Maggie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Reference	Plan #3 (2-1-21)		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0ft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 1,000.0 ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.45 Sigma	Casing Method:	Not applied

Survey Tool Program	Date 02/04/2021			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	13,082.2	Plan #3 (2-1-21) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Bunker 8 Well Pad Sec.29-T5N-R68W						
Bunker 8-2H - Wellbore #1 - Plan #2 (12-06-18)	200.0	197.0	32.8	32.0	40.100	CC
Bunker 8-2H - Wellbore #1 - Plan #2 (12-06-18)	13,082.2	13,060.5	401.5	-98.7	0.803	Level 1, ES, SF
Bunker 8-3H - Wellbore #1 - Plan #2 (12-06-18)	200.0	195.0	61.9	61.1	76.254	CC
Bunker 8-3H - Wellbore #1 - Plan #2 (12-06-18)	300.0	295.4	62.2	60.8	46.531	ES
Bunker 8-3H - Wellbore #1 - Plan #2 (12-06-18)	13,082.2	12,757.9	819.2	309.5	1.607	SF
Bunker 8-4H - Wellbore #1 - Plan #2 (12-06-18)	200.0	194.0	91.1	90.3	112.517	CC
Bunker 8-4H - Wellbore #1 - Plan #2 (12-06-18)	300.0	294.0	91.6	90.3	68.088	ES
Bunker 8-4H - Wellbore #1 - Plan #2 (12-06-18)	4,900.0	4,829.6	742.3	573.8	4.404	SF
Bunker 8-5H - Wellbore #1 - Plan #2 (12-06-18)	200.0	192.0	120.2	119.4	149.538	CC, ES
Bunker 8-5H - Wellbore #1 - Plan #2 (12-06-18)	4,700.0	4,515.3	982.3	830.3	6.463	SF
Bunker 8-6H - Wellbore #1 - Plan #2 (12-06-18)	200.0	190.0	153.0	152.2	191.632	CC, ES
Bunker 8-6H - Wellbore #1 - Plan #2 (12-06-18)	3,900.0	3,678.7	980.7	867.3	8.648	SF
Bunker 8-7H - Wellbore #1 - Plan #2 (12-06-18)	200.0	188.0	182.2	181.4	229.716	CC
Bunker 8-7H - Wellbore #1 - Plan #2 (12-06-18)	300.0	288.0	182.7	181.4	137.467	ES
Bunker 8-7H - Wellbore #1 - Plan #2 (12-06-18)	3,400.0	3,174.9	979.8	894.4	11.472	SF
Bunker 8-8H - Wellbore #1 - Plan #2 (12-06-18)	200.0	186.0	211.3	210.5	268.328	CC
Bunker 8-8H - Wellbore #1 - Plan #2 (12-06-18)	300.0	286.0	211.8	210.5	160.058	ES
Bunker 8-8H - Wellbore #1 - Plan #2 (12-06-18)	3,000.0	2,758.0	967.3	905.0	15.512	SF
Bunker 8-9H - Wellbore #1 - Plan #2 (12-06-18)	200.0	185.0	240.5	239.7	306.421	CC, ES
Bunker 8-9H - Wellbore #1 - Plan #2 (12-06-18)	2,700.0	2,346.2	974.3	925.3	19.862	SF

Offset Design												
Bunker 8 Well Pad Sec.29-T5N-R68W - Bunker 8-2H - Wellbore #1 - Plan #2 (12-06-18)												
Survey Program: 0-MWD												
Reference												
Offset												
Semi Major Axis												
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor
0.0	0.0	0.0	0.0	0.0	0.0	0.00	32.8	0.0	32.9			
100.0	100.0	97.0	97.0	0.1	0.1	0.00	32.8	0.0	32.8	32.5	0.27	120.908
200.0	200.0	197.0	197.0	0.4	0.4	0.00	32.8	0.0	32.8	32.0	0.82	40.100 CC
300.0	300.0	297.0	297.0	0.7	0.7	-110.16	32.8	0.0	33.4	32.0	1.35	24.629
400.0	399.8	397.4	397.4	0.9	0.9	-115.03	32.3	2.0	34.7	32.8	1.89	18.379
500.0	499.5	498.0	497.8	1.2	1.2	-118.11	30.7	8.3	36.0	33.5	2.46	14.656
600.0	598.7	598.7	597.9	1.6	1.5	-119.60	28.0	18.8	37.1	34.0	3.10	11.987
700.0	697.5	699.5	697.4	2.0	1.9	-119.67	24.1	33.6	38.0	34.2	3.84	9.909

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company:	Maggie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
800.0	795.6	800.2	796.2	2.5	2.4	-118.41	19.3	52.7	38.7	34.0	4.72	8.210		
900.0	893.1	900.9	894.0	3.0	2.9	-115.87	13.3	75.9	39.2	33.4	5.77	6.795		
1,000.0	989.6	1,001.5	990.6	3.7	3.6	-112.08	6.3	103.2	39.6	32.5	7.04	5.625		
1,100.0	1,085.3	1,101.9	1,085.7	4.4	4.4	-107.08	-1.8	134.5	40.1	31.5	8.56	4.683		
1,200.0	1,179.8	1,202.2	1,179.1	5.2	5.3	-100.96	-10.9	169.8	40.9	30.6	10.33	3.958		
1,300.0	1,273.2	1,302.2	1,270.6	6.1	6.3	-93.94	-20.9	208.9	42.3	30.0	12.31	3.434		
1,400.0	1,365.2	1,401.9	1,360.0	7.1	7.4	-86.37	-31.9	251.7	44.5	30.1	14.41	3.088		
1,500.0	1,455.8	1,501.3	1,447.1	8.1	8.6	-78.66	-43.8	298.0	47.8	31.3	16.52	2.893		
1,600.0	1,544.9	1,600.0	1,531.4	9.3	10.0	-71.26	-56.6	347.6	52.3	33.7	18.52	2.821		
1,700.0	1,632.4	1,699.0	1,613.7	10.6	11.5	-64.40	-70.3	400.9	58.0	37.6	20.40	2.842		
1,800.0	1,718.1	1,797.2	1,692.9	12.0	13.1	-58.33	-84.7	457.0	64.9	42.8	22.12	2.935		
1,900.0	1,802.0	1,894.9	1,769.2	13.4	14.8	-53.06	-99.9	516.1	73.1	49.3	23.73	3.078		
2,000.0	1,883.9	1,992.1	1,842.5	15.0	16.6	-48.55	-115.8	578.0	82.3	57.0	25.27	3.257		
2,100.0	1,963.7	2,088.7	1,912.6	16.7	18.5	-44.70	-132.4	642.4	92.6	65.8	26.77	3.459		
2,200.0	2,041.5	2,184.8	1,979.4	18.4	20.6	-41.42	-149.6	709.3	103.8	75.6	28.25	3.675		
2,300.0	2,116.9	2,280.3	2,042.9	20.3	22.7	-38.62	-167.3	778.4	116.0	86.2	29.74	3.899		
2,400.0	2,190.1	2,378.6	2,106.1	22.3	25.0	-36.47	-186.1	851.3	127.9	96.5	31.40	4.075		
2,500.0	2,260.8	2,478.2	2,170.0	24.4	27.3	-35.49	-205.1	925.2	137.3	103.7	33.56	4.091		
2,600.0	2,329.0	2,577.9	2,234.1	26.5	29.6	-35.46	-224.1	999.3	143.8	107.6	36.26	3.966		
2,700.0	2,394.6	2,677.8	2,298.2	28.8	32.0	-36.23	-243.2	1,073.4	147.5	108.0	39.57	3.728		
2,800.0	2,457.5	2,777.7	2,362.4	31.2	34.3	-37.81	-262.2	1,147.6	148.5	104.9	43.62	3.404		
2,900.0	2,517.7	2,877.5	2,426.4	33.6	36.7	-40.26	-281.3	1,221.7	146.9	98.3	48.58	3.024		
3,000.0	2,575.1	2,977.1	2,490.3	36.1	39.0	-43.70	-300.3	1,295.6	143.1	88.4	54.65	2.618		
3,100.0	2,631.5	3,076.5	2,554.2	38.7	41.4	-47.63	-319.3	1,369.5	138.9	77.5	61.44	2.261		
3,200.0	2,687.9	3,176.0	2,618.0	41.3	43.7	-51.78	-338.3	1,443.3	135.5	66.9	68.62	1.975		
3,300.0	2,744.3	3,275.4	2,681.9	43.9	46.1	-56.11	-357.3	1,517.2	132.9	56.8	76.09	1.746		
3,400.0	2,800.8	3,374.9	2,745.7	46.5	48.4	-60.59	-376.2	1,591.0	131.0	47.3	83.70	1.565		
3,500.0	2,857.2	3,474.3	2,809.6	49.1	50.8	-65.17	-395.2	1,664.9	130.0	38.7	91.31	1.424 Level 3		
3,571.7	2,897.6	3,545.6	2,855.3	50.9	52.5	-68.48	-408.8	1,717.8	129.8	33.1	96.67	1.342 Level 3		
3,600.0	2,913.6	3,573.7	2,873.4	51.7	53.1	-69.79	-414.2	1,738.7	129.8	31.0	98.75	1.314 Level 3		
3,700.0	2,970.0	3,673.2	2,937.3	54.3	55.5	-74.39	-433.2	1,812.5	130.5	24.6	105.90	1.232 Level 2		
3,800.0	3,026.5	3,772.6	3,001.1	56.9	57.9	-78.92	-452.2	1,886.4	132.0	19.4	112.61	1.172 Level 2		
3,900.0	3,082.9	3,872.1	3,064.9	59.5	60.2	-83.32	-471.2	1,960.2	134.3	15.5	118.82	1.130 Level 2		
4,000.0	3,139.3	3,971.5	3,128.8	62.1	62.6	-87.55	-490.1	2,034.1	137.4	12.9	124.47	1.104 Level 2		
4,100.0	3,195.7	4,071.0	3,192.6	64.7	65.0	-91.58	-509.1	2,107.9	141.2	11.6	129.55	1.090 Level 2		
4,200.0	3,252.2	4,170.4	3,256.5	67.3	67.3	-95.38	-528.1	2,181.7	145.7	11.6	134.10	1.086 Level 2		
4,300.0	3,308.6	4,269.8	3,320.3	69.9	69.7	-98.93	-547.1	2,255.6	150.8	12.6	138.14	1.091 Level 2		
4,400.0	3,365.0	4,369.3	3,384.2	72.5	72.0	-102.25	-566.1	2,329.4	156.4	14.6	141.74	1.103 Level 2		
4,500.0	3,421.4	4,468.7	3,448.0	75.1	74.4	-105.33	-585.1	2,403.3	162.5	17.5	144.95	1.121 Level 2		
4,600.0	3,477.9	4,568.2	3,511.9	77.8	76.8	-108.18	-604.0	2,477.1	169.0	21.2	147.83	1.143 Level 2		
4,700.0	3,534.3	4,667.6	3,575.7	80.4	79.2	-110.81	-623.0	2,550.9	176.0	25.5	150.45	1.170 Level 2		
4,800.0	3,590.7	4,767.1	3,639.5	83.0	81.5	-113.24	-642.0	2,624.8	183.3	30.4	152.84	1.199 Level 2		
4,900.0	3,647.1	4,866.5	3,703.4	85.6	83.9	-115.48	-661.0	2,698.6	190.8	35.8	155.07	1.231 Level 2		
5,000.0	3,703.7	4,965.7	3,767.4	88.0	86.2	-119.70	-680.0	2,772.0	199.0	41.3	157.71	1.262 Level 3		
5,100.0	3,760.3	5,064.8	3,831.9	89.9	88.0	-125.07	-701.0	2,836.7	208.4	47.9	160.55	1.298 Level 3		
5,200.0	3,816.9	5,163.9	3,896.3	91.5	89.5	-132.92	-724.6	2,899.5	219.2	56.8	162.43	1.350 Level 3		
5,300.0	3,873.5	5,263.0	3,960.8	93.1	91.1	-140.48	-750.2	2,963.0	231.1	67.7	163.43	1.414 Level 3		
5,400.0	3,930.1	5,362.1	4,025.3	94.7	92.2	-148.47	-777.3	3,026.1	243.8	80.1	163.73	1.489 Level 3		
5,500.0	3,986.7	5,461.2	4,090.4	96.3	94.3	-156.46	-805.3	3,089.2	257.0	93.5	163.51	1.572		
5,600.0	4,043.3	5,560.3	4,155.5	97.9	96.3	-164.45	-833.6	3,152.3	270.4	107.4	163.00	1.659		
5,700.0	4,100.0	5,659.4	4,220.6	99.5	97.9	-172.44	-861.4	3,215.4	283.6	121.2	162.42	1.746		
5,800.0	4,156.7	5,758.5	4,285.9	101.1	99.5	-180.43	-888.0	3,278.5	296.3	134.3	161.98	1.829		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company:	Maggie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,900.0	4,459.6	5,859.4	4,551.8	93.3	91.1	125.54	-912.9	2,851.5	308.2	146.4	161.84	1.904		
6,000.0	4,528.4	5,961.2	4,627.3	93.2	90.9	120.19	-935.3	2,787.1	319.0	156.9	162.13	1.968		
6,100.0	4,587.0	6,063.7	4,692.5	93.2	91.0	116.44	-954.6	2,710.5	328.5	165.5	162.92	2.016		
6,200.0	4,634.0	6,166.8	4,745.2	93.3	91.1	113.82	-970.2	2,623.5	336.3	172.1	164.22	2.048		
6,300.0	4,668.1	6,270.4	4,784.0	93.6	91.5	112.08	-981.7	2,528.3	342.3	176.3	165.95	2.063		
6,400.0	4,688.6	6,374.3	4,807.5	94.1	92.1	111.06	-988.6	2,427.4	346.3	178.3	168.02	2.061		
6,500.0	4,695.0	6,478.3	4,815.0	94.7	92.8	110.68	-990.8	2,323.7	348.2	178.0	170.24	2.045		
6,600.0	4,693.9	6,578.4	4,814.0	95.4	93.5	110.66	-990.5	2,223.6	349.0	177.0	172.04	2.029		
6,700.0	4,692.7	6,678.4	4,813.0	96.2	94.4	110.63	-990.1	2,123.7	349.8	175.8	174.04	2.010		
6,800.0	4,691.6	6,778.4	4,812.1	97.2	95.4	110.61	-989.8	2,023.7	350.7	174.4	176.24	1.990		
6,900.0	4,690.5	6,878.4	4,811.1	98.2	96.5	110.59	-989.5	1,923.7	351.5	172.8	178.66	1.967		
7,000.0	4,689.3	6,978.4	4,810.1	99.3	97.7	110.56	-989.1	1,823.7	352.3	171.0	181.27	1.943		
7,100.0	4,688.2	7,078.4	4,809.1	100.6	99.0	110.54	-988.8	1,723.7	353.1	169.0	184.08	1.918		
7,200.0	4,687.0	7,178.4	4,808.1	101.9	100.4	110.52	-988.5	1,623.7	353.9	166.8	187.07	1.892		
7,300.0	4,685.9	7,278.4	4,807.1	103.4	101.9	110.50	-988.1	1,523.7	354.7	164.5	190.23	1.865		
7,400.0	4,684.8	7,378.4	4,806.1	104.9	103.5	110.47	-987.8	1,423.7	355.5	161.9	193.56	1.837		
7,500.0	4,683.6	7,478.4	4,805.2	106.6	105.2	110.45	-987.4	1,323.7	356.3	159.3	197.04	1.808		
7,600.0	4,682.5	7,578.4	4,804.2	108.3	107.0	110.43	-987.1	1,223.7	357.1	156.4	200.68	1.780		
7,700.0	4,681.4	7,678.4	4,803.2	110.1	108.8	110.41	-986.8	1,123.7	357.9	153.5	204.46	1.751		
7,800.0	4,680.2	7,778.4	4,802.2	112.0	110.8	110.39	-986.4	1,023.8	358.7	150.4	208.37	1.722		
7,900.0	4,679.1	7,878.4	4,801.2	113.9	112.8	110.36	-986.1	923.8	359.5	147.1	212.41	1.693		
8,000.0	4,677.9	7,978.4	4,800.2	116.0	114.9	110.34	-985.8	823.8	360.4	143.8	216.57	1.664		
8,100.0	4,676.8	8,078.4	4,799.2	118.1	117.0	110.32	-985.4	723.8	361.2	140.3	220.84	1.635		
8,200.0	4,675.7	8,178.4	4,798.2	120.3	119.2	110.30	-985.1	623.8	362.0	136.8	225.22	1.607		
8,300.0	4,674.5	8,278.4	4,797.3	122.5	121.5	110.28	-984.8	523.8	362.8	133.1	229.70	1.579		
8,400.0	4,673.4	8,378.4	4,796.3	124.8	123.8	110.26	-984.4	423.8	363.6	129.3	234.28	1.552		
8,500.0	4,672.2	8,478.4	4,795.3	127.1	126.2	110.23	-984.1	323.8	364.4	125.5	238.95	1.525		
8,600.0	4,671.1	8,578.4	4,794.3	129.5	128.6	110.21	-983.8	223.8	365.2	121.5	243.70	1.499 Level 3		
8,700.0	4,670.0	8,678.4	4,793.3	132.0	131.1	110.19	-983.4	123.8	366.0	117.5	248.53	1.473 Level 3		
8,800.0	4,668.8	8,778.4	4,792.3	134.5	133.6	110.17	-983.1	23.8	366.8	113.4	253.44	1.447 Level 3		
8,900.0	4,667.7	8,878.4	4,791.3	137.0	136.2	110.15	-982.7	-76.2	367.6	109.2	258.42	1.423 Level 3		
9,000.0	4,666.5	8,978.4	4,790.3	139.6	138.8	110.13	-982.4	-176.1	368.5	105.0	263.46	1.398 Level 3		
9,100.0	4,665.4	9,078.4	4,789.4	142.3	141.5	110.11	-982.1	-276.1	369.3	100.7	268.58	1.375 Level 3		
9,200.0	4,664.3	9,178.4	4,788.4	144.9	144.1	110.09	-981.7	-376.1	370.1	96.3	273.75	1.352 Level 3		
9,300.0	4,663.1	9,278.4	4,787.4	147.6	146.8	110.07	-981.4	-476.1	370.9	91.9	278.97	1.329 Level 3		
9,400.0	4,662.0	9,378.4	4,786.4	150.4	149.6	110.05	-981.1	-576.1	371.7	87.4	284.26	1.308 Level 3		
9,500.0	4,660.8	9,478.3	4,785.4	153.1	152.4	110.03	-980.7	-676.1	372.5	82.9	289.59	1.286 Level 3		
9,600.0	4,659.7	9,578.3	4,784.4	155.9	155.2	110.00	-980.4	-776.1	373.3	78.3	294.97	1.266 Level 3		
9,700.0	4,658.6	9,678.3	4,783.4	158.7	158.0	109.98	-980.1	-876.1	374.1	73.7	300.40	1.245 Level 2		
9,800.0	4,657.4	9,778.3	4,782.5	161.6	160.8	109.96	-979.7	-976.1	374.9	69.1	305.87	1.226 Level 2		
9,900.0	4,656.3	9,878.3	4,781.5	164.4	163.7	109.94	-979.4	-1,076.1	375.7	64.4	311.38	1.207 Level 2		
10,000.0	4,655.1	9,978.3	4,780.5	167.3	166.6	109.92	-979.1	-1,176.1	376.6	59.6	316.94	1.188 Level 2		
10,100.0	4,654.0	10,078.3	4,779.5	170.2	169.5	109.90	-978.7	-1,276.0	377.4	54.8	322.53	1.170 Level 2		
10,200.0	4,652.9	10,178.3	4,778.5	173.2	172.5	109.88	-978.4	-1,376.0	378.2	50.0	328.15	1.152 Level 2		
10,300.0	4,651.7	10,278.3	4,777.5	176.1	175.4	109.86	-978.0	-1,476.0	379.0	45.2	333.81	1.135 Level 2		
10,400.0	4,650.6	10,378.3	4,776.5	179.1	178.4	109.85	-977.7	-1,576.0	379.8	40.3	339.50	1.119 Level 2		
10,500.0	4,649.4	10,478.3	4,775.5	182.1	181.4	109.83	-977.4	-1,676.0	380.6	35.4	345.22	1.102 Level 2		
10,600.0	4,648.3	10,578.3	4,774.6	185.1	184.4	109.81	-977.0	-1,776.0	381.4	30.4	350.97	1.087 Level 2		
10,700.0	4,647.2	10,678.3	4,773.6	188.1	187.4	109.79	-976.7	-1,876.0	382.2	25.5	356.75	1.071 Level 2		
10,800.0	4,646.0	10,778.3	4,772.6	191.1	190.5	109.77	-976.4	-1,976.0	383.0	20.5	362.56	1.056 Level 2		
10,900.0	4,644.9	10,878.3	4,771.6	194.2	193.5	109.75	-976.0	-2,076.0	383.8	15.5	368.39	1.042 Level 2		
11,000.0	4,643.7	10,978.3	4,770.6	197.3	196.6	109.73	-975.7	-2,176.0	384.7	10.4	374.24	1.028 Level 2		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company:	Maggie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
11,100.0	4,642.6	11,078.3	4,769.6	200.3	199.7	109.71	-975.4	-2,276.0	385.5	5.3	380.12	1.014	Level 2	
11,200.0	4,641.5	11,178.3	4,768.6	203.4	202.8	109.69	-975.0	-2,375.9	386.3	0.3	386.02	1.001	Level 2	
11,300.0	4,640.3	11,278.3	4,767.6	206.5	205.9	109.67	-974.7	-2,475.9	387.1	-4.9	391.95	0.988	Level 1	
11,400.0	4,639.2	11,378.3	4,766.7	209.6	209.0	109.65	-974.4	-2,575.9	387.9	-10.0	397.89	0.975	Level 1	
11,500.0	4,638.0	11,478.3	4,765.7	212.8	212.1	109.63	-974.0	-2,675.9	388.7	-15.1	403.85	0.963	Level 1	
11,600.0	4,636.9	11,578.3	4,764.7	215.9	215.2	109.62	-973.7	-2,775.9	389.5	-20.3	409.83	0.950	Level 1	
11,700.0	4,635.8	11,678.3	4,763.7	219.0	218.4	109.60	-973.3	-2,875.9	390.3	-25.5	415.83	0.939	Level 1	
11,800.0	4,634.6	11,778.3	4,762.7	222.2	221.5	109.58	-973.0	-2,975.9	391.1	-30.7	421.84	0.927	Level 1	
11,900.0	4,633.5	11,878.3	4,761.7	225.3	224.7	109.56	-972.7	-3,075.9	392.0	-35.9	427.88	0.916	Level 1	
12,000.0	4,632.3	11,978.3	4,760.7	228.5	227.9	109.54	-972.3	-3,175.9	392.8	-41.2	433.92	0.905	Level 1	
12,100.0	4,631.2	12,078.3	4,759.7	231.7	231.1	109.52	-972.0	-3,275.9	393.6	-46.4	439.99	0.895	Level 1	
12,200.0	4,630.1	12,178.3	4,758.8	234.9	234.2	109.51	-971.7	-3,375.9	394.4	-51.7	446.07	0.884	Level 1	
12,300.0	4,628.9	12,278.3	4,757.8	238.1	237.4	109.49	-971.3	-3,475.9	395.2	-57.0	452.16	0.874	Level 1	
12,400.0	4,627.8	12,378.2	4,756.8	241.3	240.6	109.47	-971.0	-3,575.8	396.0	-62.3	458.26	0.864	Level 1	
12,500.0	4,626.6	12,478.2	4,755.8	244.5	243.8	109.45	-970.7	-3,675.8	396.8	-67.6	464.38	0.855	Level 1	
12,600.0	4,625.5	12,578.2	4,754.8	247.7	247.0	109.43	-970.3	-3,775.8	397.6	-72.9	470.52	0.845	Level 1	
12,700.0	4,624.4	12,678.2	4,753.8	250.9	250.3	109.41	-970.0	-3,875.8	398.4	-78.2	476.66	0.836	Level 1	
12,800.0	4,623.2	12,778.2	4,752.8	254.1	253.5	109.40	-969.7	-3,975.8	399.3	-83.6	482.82	0.827	Level 1	
12,900.0	4,622.1	12,878.2	4,751.9	257.4	256.7	109.38	-969.3	-4,075.8	400.1	-88.9	488.98	0.818	Level 1	
13,000.0	4,620.9	12,978.2	4,750.9	260.6	259.9	109.36	-969.0	-4,175.8	400.9	-94.3	495.16	0.810	Level 1	
13,082.2	4,620.0	13,060.5	4,750.1	263.3	262.6	109.35	-968.7	-4,258.0	401.5	-98.7	500.25	0.803	Level 1, ES, SF	

Company:	Magpie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
0.0	0.0	0.0	0.0	0.0	0.0	0.00	61.9	0.0	62.1						
100.0	100.0	95.0	95.0	0.1	0.1	0.00	61.9	0.0	61.9	61.7	0.27	230.705			
200.0	200.0	195.0	195.0	0.4	0.4	0.00	61.9	0.0	61.9	61.1	0.81	76.254	CC		
300.0	300.0	295.4	295.4	0.7	0.7	-107.04	61.6	2.0	62.2	60.8	1.34	46.531	ES		
400.0	399.8	395.8	395.5	0.9	0.9	-105.85	60.7	8.3	62.8	60.9	1.88	33.347			
500.0	499.5	496.0	495.2	1.2	1.3	-103.81	59.0	18.9	63.8	61.3	2.51	25.401			
600.0	598.7	596.2	594.2	1.6	1.7	-101.00	56.8	33.8	65.5	62.2	3.26	20.090			
700.0	697.5	696.1	692.2	2.0	2.1	-97.54	53.8	52.9	67.7	63.6	4.14	16.346			
800.0	795.6	795.8	789.1	2.5	2.7	-93.62	50.3	76.1	70.8	65.6	5.19	13.649			
900.0	893.1	895.2	884.6	3.0	3.4	-89.40	46.1	103.4	74.9	68.5	6.40	11.699			
1,000.0	989.6	994.3	978.5	3.7	4.1	-85.09	41.3	134.7	79.9	72.2	7.76	10.294			
1,100.0	1,085.3	1,092.9	1,070.5	4.4	5.0	-80.85	35.9	169.8	86.1	76.8	9.27	9.288			
1,200.0	1,179.8	1,191.2	1,160.6	5.2	6.0	-76.80	30.0	208.6	93.4	82.5	10.90	8.572			
1,300.0	1,273.2	1,289.0	1,248.5	6.1	7.1	-73.02	23.5	251.0	101.9	89.3	12.64	8.066			
1,400.0	1,365.2	1,386.3	1,334.0	7.1	8.3	-69.56	16.5	296.8	111.6	97.1	14.47	7.711			
1,500.0	1,455.8	1,483.1	1,417.1	8.1	9.6	-66.44	8.9	345.8	122.3	105.9	16.39	7.463			
1,600.0	1,544.9	1,579.3	1,497.5	9.3	11.1	-63.65	0.9	398.0	134.2	115.8	18.40	7.292			
1,700.0	1,632.4	1,674.9	1,575.2	10.6	12.6	-61.15	-7.5	453.2	147.1	126.6	20.49	7.175			
1,800.0	1,718.1	1,770.0	1,650.0	12.0	14.2	-58.93	-16.4	511.1	160.9	138.2	22.67	7.097			
1,900.0	1,802.0	1,864.3	1,721.9	13.4	16.0	-56.96	-25.6	571.6	175.7	150.7	24.93	7.046			
2,000.0	1,883.9	1,958.1	1,790.6	15.0	17.8	-55.20	-35.3	634.5	191.3	164.1	27.28	7.014			
2,100.0	1,963.7	2,051.1	1,856.3	16.7	19.8	-53.63	-45.3	699.6	207.8	178.1	29.71	6.996			
2,200.0	2,041.5	2,143.5	1,918.8	18.4	21.8	-52.22	-55.6	766.9	225.1	192.8	32.22	6.986			
2,300.0	2,116.9	2,235.2	1,978.1	20.3	23.9	-50.95	-66.2	836.1	243.1	208.2	34.81	6.982			
2,400.0	2,190.1	2,326.4	2,034.2	22.3	26.1	-49.80	-77.1	907.1	261.7	224.2	37.48	6.983			
2,500.0	2,260.8	2,424.7	2,093.2	24.4	28.5	-49.01	-89.0	984.8	279.6	239.1	40.47	6.908			
2,600.0	2,329.0	2,523.5	2,152.5	26.5	31.0	-48.83	-100.9	1,062.9	295.2	251.3	43.83	6.734			
2,700.0	2,394.6	2,622.6	2,212.0	28.8	33.4	-49.18	-112.9	1,141.2	308.5	260.9	47.59	6.482			
2,800.0	2,457.5	2,721.8	2,271.6	31.2	35.9	-49.99	-124.9	1,219.6	319.6	267.8	51.79	6.171			
2,900.0	2,517.7	2,821.1	2,331.2	33.6	38.4	-51.23	-137.0	1,298.1	328.6	272.2	56.45	5.821			
3,000.0	2,575.1	2,920.3	2,390.8	36.1	40.9	-52.91	-149.0	1,376.5	335.8	274.2	61.62	5.450			
3,100.0	2,631.5	3,019.4	2,450.3	38.7	43.4	-54.77	-161.0	1,454.9	342.5	275.5	67.03	5.110			
3,200.0	2,687.9	3,118.6	2,509.8	41.3	45.9	-56.55	-173.0	1,533.3	349.7	277.1	72.53	4.821			
3,300.0	2,744.3	3,217.8	2,569.4	43.9	48.4	-58.26	-185.0	1,611.7	357.1	279.0	78.09	4.573			
3,400.0	2,800.8	3,316.9	2,628.9	46.5	50.9	-59.90	-197.0	1,690.1	364.9	281.2	83.69	4.359			
3,500.0	2,857.2	3,416.1	2,688.5	49.1	53.4	-61.47	-209.0	1,768.4	372.9	283.6	89.33	4.174			
3,600.0	2,913.6	3,515.2	2,748.0	51.7	55.9	-62.98	-221.1	1,846.8	381.2	286.2	95.00	4.013			
3,700.0	2,970.0	3,614.4	2,807.5	54.3	58.4	-64.42	-233.1	1,925.2	389.8	289.1	100.68	3.871			
3,800.0	3,026.5	3,713.6	2,867.1	56.9	60.9	-65.80	-245.1	2,003.6	398.6	292.2	106.36	3.747			
3,900.0	3,082.9	3,812.7	2,926.6	59.5	63.4	-67.12	-257.1	2,082.0	407.6	295.5	112.05	3.637			
4,000.0	3,139.3	3,911.9	2,986.1	62.1	65.9	-68.38	-269.1	2,160.4	416.8	299.1	117.74	3.540			
4,100.0	3,195.7	4,011.0	3,045.7	64.7	68.4	-69.58	-281.1	2,238.7	426.2	302.8	123.41	3.454			
4,200.0	3,252.2	4,110.2	3,105.2	67.3	70.9	-70.74	-293.1	2,317.1	435.8	306.7	129.08	3.376			
4,300.0	3,308.6	4,209.4	3,164.7	69.9	73.4	-71.84	-305.1	2,395.5	445.6	310.8	134.73	3.307			
4,400.0	3,365.0	4,308.5	3,224.3	72.5	75.9	-72.90	-317.1	2,473.9	455.5	315.1	140.37	3.245			
4,500.0	3,421.4	4,407.7	3,283.8	75.1	78.4	-73.91	-329.1	2,552.3	465.6	319.6	145.98	3.189			
4,600.0	3,477.9	4,506.8	3,343.4	77.8	80.9	-74.88	-341.2	2,630.6	475.8	324.2	151.58	3.139			
4,700.0	3,534.3	4,606.0	3,402.9	80.4	83.4	-75.81	-353.2	2,709.0	486.1	329.0	157.16	3.093			
4,800.0	3,590.7	4,722.6	3,518.6	83.0	86.8	-79.42	-376.5	2,825.9	489.7	324.4	165.32	2.962			
4,900.0	3,647.1	4,918.5	3,641.3	85.6	88.7	-86.10	-401.3	2,900.2	483.0	310.3	172.74	2.796			
5,000.0	3,707.1	5,039.6	3,753.6	88.0	89.6	-96.18	-424.0	2,938.9	475.3	299.3	175.97	2.701			
5,048.7	3,740.0	5,093.0	3,805.0	89.0	89.8	-101.89	-434.4	2,948.9	474.3	298.3	176.01	2.695			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company:	Maggie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	3,776.9	5,145.9	3,856.6	89.9	89.9	-108.39	-444.8	2,954.4	475.4	300.1	175.35	2.711		
5,200.0	3,855.0	5,241.5	3,950.2	91.5	90.0	-122.99	-463.7	2,953.3	484.1	312.1	172.02	2.814		
5,300.0	3,939.5	5,329.4	4,035.3	92.5	89.9	-141.04	-480.9	2,939.7	500.7	333.7	166.98	2.999		
5,400.0	4,028.3	5,411.6	4,112.4	93.2	89.8	-163.44	-496.5	2,916.2	523.6	362.4	161.22	3.248		
5,500.0	4,119.2	5,489.7	4,182.4	93.6	89.6	170.80	-510.7	2,884.8	550.9	395.3	155.62	3.540		
5,600.0	4,210.0	5,564.6	4,245.5	93.7	89.4	145.85	-523.5	2,846.6	580.8	429.8	150.93	3.848		
5,700.0	4,298.4	5,637.2	4,302.1	93.6	89.4	125.56	-534.9	2,802.6	611.4	463.7	147.66	4.140		
5,800.0	4,382.3	5,708.1	4,352.2	93.5	89.4	110.48	-545.1	2,753.6	641.3	495.1	146.11	4.389		
5,900.0	4,459.6	5,777.7	4,395.9	93.3	89.4	99.52	-553.9	2,700.2	669.3	522.8	146.45	4.570		
6,000.0	4,528.4	5,850.0	4,435.1	93.2	89.6	91.51	-561.9	2,639.9	694.4	545.9	148.56	4.674		
6,100.0	4,587.0	5,914.4	4,464.1	93.2	89.9	85.78	-567.7	2,582.8	716.0	563.6	152.41	4.698		
6,200.0	4,634.0	5,981.9	4,488.2	93.3	90.2	81.70	-572.6	2,520.0	733.4	575.9	157.50	4.656		
6,300.0	4,668.1	6,050.0	4,505.9	93.6	90.6	78.99	-576.2	2,454.3	746.1	582.7	163.40	4.566		
6,400.0	4,688.6	6,116.3	4,516.3	94.1	91.1	77.47	-578.4	2,389.0	754.0	584.4	169.60	4.446		
6,500.0	4,695.0	6,183.3	4,520.1	94.7	91.6	77.02	-579.1	2,322.1	756.8	581.2	175.59	4.310		
6,600.0	4,693.9	6,276.0	4,518.6	95.4	92.4	77.00	-578.9	2,229.4	757.6	580.2	177.40	4.271		
6,700.0	4,692.7	6,376.0	4,516.8	96.2	93.4	76.96	-578.5	2,129.4	758.5	579.2	179.36	4.229		
6,800.0	4,691.6	6,476.0	4,514.9	97.2	94.5	76.93	-578.2	2,029.4	759.5	577.9	181.56	4.183		
6,900.0	4,690.5	6,576.0	4,513.1	98.2	95.7	76.89	-577.9	1,929.4	760.4	576.5	183.97	4.134		
7,000.0	4,689.3	6,676.0	4,511.3	99.3	97.0	76.85	-577.5	1,829.4	761.4	574.8	186.59	4.081		
7,100.0	4,688.2	6,776.0	4,509.5	100.6	98.4	76.82	-577.2	1,729.5	762.3	572.9	189.41	4.025		
7,200.0	4,687.0	6,876.0	4,507.6	101.9	99.9	76.78	-576.8	1,629.5	763.3	570.8	192.42	3.967		
7,300.0	4,685.9	6,976.0	4,505.8	103.4	101.5	76.75	-576.5	1,529.5	764.2	568.6	195.61	3.907		
7,400.0	4,684.8	7,076.0	4,504.0	104.9	103.2	76.71	-576.2	1,429.5	765.1	566.2	198.98	3.845		
7,500.0	4,683.6	7,176.0	4,502.2	106.6	105.0	76.67	-575.8	1,329.6	766.1	563.6	202.51	3.783		
7,600.0	4,682.5	7,276.0	4,500.3	108.3	106.8	76.64	-575.5	1,229.6	767.0	560.8	206.20	3.720		
7,700.0	4,681.4	7,376.0	4,498.5	110.1	108.8	76.60	-575.2	1,129.6	768.0	557.9	210.04	3.656		
7,800.0	4,680.2	7,476.0	4,496.7	112.0	110.8	76.57	-574.8	1,029.6	768.9	554.9	214.02	3.593		
7,900.0	4,679.1	7,576.0	4,494.9	113.9	112.9	76.53	-574.5	929.7	769.9	551.7	218.12	3.529		
8,000.0	4,677.9	7,676.0	4,493.0	116.0	115.0	76.50	-574.2	829.7	770.8	548.4	222.36	3.467		
8,100.0	4,676.8	7,775.9	4,491.2	118.1	117.2	76.46	-573.8	729.7	771.7	545.0	226.70	3.404		
8,200.0	4,675.7	7,875.9	4,489.4	120.3	119.5	76.42	-573.5	629.7	772.7	541.5	231.16	3.343		
8,300.0	4,674.5	7,975.9	4,487.6	122.5	121.8	76.39	-573.2	529.7	773.6	537.9	235.73	3.282		
8,400.0	4,673.4	8,075.9	4,485.7	124.8	124.2	76.35	-572.8	429.8	774.6	534.2	240.39	3.222		
8,500.0	4,672.2	8,175.9	4,483.9	127.1	126.6	76.32	-572.5	329.8	775.5	530.4	245.14	3.164		
8,600.0	4,671.1	8,275.9	4,482.1	129.5	129.1	76.28	-572.1	229.8	776.5	526.5	249.98	3.106		
8,700.0	4,670.0	8,375.9	4,480.3	132.0	131.6	76.25	-571.8	129.8	777.4	522.5	254.91	3.050		
8,800.0	4,668.8	8,475.9	4,478.4	134.5	134.2	76.21	-571.5	29.9	778.4	518.5	259.90	2.995		
8,900.0	4,667.7	8,575.9	4,476.6	137.0	136.8	76.18	-571.1	-70.1	779.3	514.3	264.98	2.941		
9,000.0	4,666.5	8,675.9	4,474.8	139.6	139.4	76.15	-570.8	-170.1	780.3	510.1	270.12	2.889		
9,100.0	4,665.4	8,775.9	4,473.0	142.3	142.1	76.11	-570.5	-270.1	781.2	505.9	275.32	2.837		
9,200.0	4,664.3	8,875.9	4,471.1	144.9	144.8	76.08	-570.1	-370.1	782.1	501.6	280.58	2.788		
9,300.0	4,663.1	8,975.9	4,469.3	147.6	147.5	76.04	-569.8	-470.0	783.1	497.2	285.91	2.739		
9,400.0	4,662.0	9,075.9	4,467.5	150.4	150.3	76.01	-569.5	-570.0	784.0	492.8	291.28	2.692		
9,500.0	4,660.8	9,175.9	4,465.7	153.1	153.1	75.97	-569.1	-670.0	785.0	488.3	296.71	2.646		
9,600.0	4,659.7	9,275.9	4,463.8	155.9	155.9	75.94	-568.8	-770.0	785.9	483.8	302.18	2.601		
9,700.0	4,658.6	9,375.9	4,462.0	158.7	158.8	75.90	-568.4	-869.9	786.9	479.2	307.70	2.557		
9,800.0	4,657.4	9,475.9	4,460.2	161.6	161.6	75.87	-568.1	-969.9	787.8	474.6	313.26	2.515		
9,900.0	4,656.3	9,575.8	4,458.4	164.4	164.5	75.84	-567.8	-1,069.9	788.8	469.9	318.86	2.474		
10,000.0	4,655.1	9,675.8	4,456.6	167.3	167.4	75.80	-567.4	-1,169.9	789.7	465.2	324.50	2.434		
10,100.0	4,654.0	9,775.8	4,454.7	170.2	170.4	75.77	-567.1	-1,269.8	790.7	460.5	330.18	2.395		
10,200.0	4,652.9	9,875.8	4,452.9	173.2	173.3	75.74	-566.8	-1,369.8	791.6	455.8	335.89	2.357		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company:	Maggie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
10,300.0	4,651.7	9,975.8	4,451.1	176.1	176.3	75.70	-566.4	-1,469.8	792.6	451.0	341.63	2.320		
10,400.0	4,650.6	10,075.8	4,449.3	179.1	179.3	75.67	-566.1	-1,569.8	793.5	446.1	347.41	2.284		
10,500.0	4,649.4	10,175.8	4,447.4	182.1	182.3	75.64	-565.8	-1,669.8	794.5	441.3	353.21	2.249		
10,600.0	4,648.3	10,275.8	4,445.6	185.1	185.3	75.60	-565.4	-1,769.7	795.4	436.4	359.04	2.215		
10,700.0	4,647.2	10,375.8	4,443.8	188.1	188.3	75.57	-565.1	-1,869.7	796.4	431.5	364.90	2.183		
10,800.0	4,646.0	10,475.8	4,442.0	191.1	191.4	75.54	-564.7	-1,969.7	797.4	426.6	370.78	2.150		
10,900.0	4,644.9	10,575.8	4,440.1	194.2	194.4	75.50	-564.4	-2,069.7	798.3	421.6	376.68	2.119		
11,000.0	4,643.7	10,675.8	4,438.3	197.3	197.5	75.47	-564.1	-2,169.6	799.3	416.6	382.61	2.089		
11,100.0	4,642.6	10,775.8	4,436.5	200.3	200.6	75.44	-563.7	-2,269.6	800.2	411.7	388.56	2.059		
11,200.0	4,641.5	10,875.8	4,434.7	203.4	203.7	75.40	-563.4	-2,369.6	801.2	406.6	394.53	2.031		
11,300.0	4,640.3	10,975.8	4,432.8	206.5	206.8	75.37	-563.1	-2,469.6	802.1	401.6	400.51	2.003		
11,400.0	4,639.2	11,075.8	4,431.0	209.6	209.9	75.34	-562.7	-2,569.5	803.1	396.5	406.52	1.975		
11,500.0	4,638.0	11,175.8	4,429.2	212.8	213.0	75.30	-562.4	-2,669.5	804.0	391.5	412.54	1.949		
11,600.0	4,636.9	11,275.8	4,427.4	215.9	216.2	75.27	-562.1	-2,769.5	805.0	386.4	418.58	1.923		
11,700.0	4,635.8	11,375.7	4,425.5	219.0	219.3	75.24	-561.7	-2,869.5	805.9	381.3	424.64	1.898		
11,800.0	4,634.6	11,475.7	4,423.7	222.2	222.5	75.21	-561.4	-2,969.5	806.9	376.2	430.71	1.873		
11,900.0	4,633.5	11,575.7	4,421.9	225.3	225.6	75.18	-561.0	-3,069.4	807.8	371.0	436.79	1.849		
12,000.0	4,632.3	11,675.7	4,420.1	228.5	228.8	75.14	-560.7	-3,169.4	808.8	365.9	442.89	1.826		
12,100.0	4,631.2	11,775.7	4,418.2	231.7	232.0	75.11	-560.4	-3,269.4	809.8	360.8	449.00	1.803		
12,200.0	4,630.1	11,875.7	4,416.4	234.9	235.2	75.08	-560.0	-3,369.4	810.7	355.6	455.12	1.781		
12,300.0	4,628.9	11,975.7	4,414.6	238.1	238.4	75.05	-559.7	-3,469.3	811.7	350.4	461.26	1.760		
12,400.0	4,627.8	12,075.7	4,412.8	241.3	241.6	75.01	-559.4	-3,569.3	812.6	345.2	467.41	1.739		
12,500.0	4,626.6	12,175.7	4,410.9	244.5	244.8	74.98	-559.0	-3,669.3	813.6	340.0	473.56	1.718		
12,600.0	4,625.5	12,275.7	4,409.1	247.7	248.0	74.95	-558.7	-3,769.3	814.5	334.8	479.73	1.698		
12,700.0	4,624.4	12,375.7	4,407.3	250.9	251.2	74.92	-558.4	-3,869.3	815.5	329.6	485.91	1.678		
12,800.0	4,623.2	12,475.7	4,405.5	254.1	254.4	74.89	-558.0	-3,969.2	816.4	324.4	492.10	1.659		
12,900.0	4,622.1	12,575.7	4,403.6	257.4	257.7	74.86	-557.7	-4,069.2	817.4	319.1	498.29	1.640		
13,000.0	4,620.9	12,675.7	4,401.8	260.6	260.9	74.82	-557.3	-4,169.2	818.4	313.9	504.50	1.622		
13,082.2	4,620.0	12,757.9	4,400.3	263.3	263.6	74.80	-557.1	-4,251.4	819.2	309.5	509.60	1.607 SF		

Company:	Maggie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.01	91.1	0.0	91.3					
100.0	100.0	94.0	94.0	0.1	0.1	0.01	91.1	0.0	91.1	90.8	0.27	341.011		
200.0	200.0	194.0	194.0	0.4	0.4	0.01	91.1	0.0	91.1	90.3	0.81	112.517 CC		
300.0	300.0	294.0	294.0	0.7	0.7	-108.34	91.1	0.0	91.6	90.3	1.35	68.088 ES		
400.0	399.8	394.3	394.3	0.9	0.9	-110.19	90.9	1.9	93.1	91.3	1.88	49.557		
500.0	499.5	494.8	494.6	1.2	1.2	-111.31	90.5	8.3	95.4	93.0	2.45	38.868		
600.0	598.7	595.4	594.6	1.6	1.5	-111.72	89.8	19.0	98.4	95.2	3.11	31.599		
700.0	697.5	696.0	694.0	2.0	1.9	-111.47	88.7	34.0	102.0	98.1	3.88	26.257		
800.0	795.6	796.5	792.6	2.5	2.4	-110.63	87.3	53.4	106.2	101.4	4.79	22.150		
900.0	893.1	896.9	890.2	3.0	2.9	-109.28	85.7	77.1	111.1	105.2	5.87	18.921		
1,000.0	989.6	997.2	986.5	3.7	3.6	-107.51	83.7	105.0	116.8	109.6	7.14	16.359		
1,100.0	1,085.3	1,097.3	1,081.3	4.4	4.3	-105.41	81.5	136.9	123.2	114.6	8.61	14.322		
1,200.0	1,179.8	1,197.0	1,174.3	5.2	5.2	-103.08	79.0	172.9	130.6	120.3	10.28	12.702		
1,300.0	1,273.2	1,296.5	1,265.4	6.1	6.2	-100.60	76.2	212.7	138.9	126.7	12.17	11.415		
1,400.0	1,365.2	1,395.5	1,354.3	7.1	7.3	-98.04	73.1	256.3	148.2	133.9	14.26	10.393		
1,500.0	1,455.8	1,494.2	1,440.9	8.1	8.5	-95.45	69.8	303.4	158.6	142.0	16.55	9.580		
1,600.0	1,544.9	1,592.4	1,525.0	9.3	9.8	-92.90	66.3	354.0	170.0	151.0	19.03	8.933		
1,700.0	1,632.4	1,690.0	1,606.4	10.6	11.3	-90.42	62.5	407.8	182.5	160.8	21.69	8.417		
1,800.0	1,718.1	1,787.2	1,685.0	12.0	12.9	-88.03	58.5	464.7	196.2	171.7	24.51	8.004		
1,900.0	1,802.0	1,883.7	1,760.6	13.4	14.5	-85.75	54.3	524.5	210.9	183.4	27.49	7.673		
2,000.0	1,883.9	1,979.6	1,833.3	15.0	16.3	-83.59	49.9	587.0	226.7	196.1	30.61	7.406		
2,100.0	1,963.7	2,074.9	1,902.7	16.7	18.2	-81.56	45.3	652.0	243.6	209.7	33.87	7.191		
2,200.0	2,041.5	2,169.6	1,969.0	18.4	20.2	-79.65	40.6	719.4	261.4	224.2	37.26	7.017		
2,300.0	2,116.9	2,263.5	2,032.0	20.3	22.3	-77.85	35.7	789.0	280.3	239.5	40.76	6.876		
2,400.0	2,190.1	2,356.8	2,091.6	22.3	24.4	-76.17	30.7	860.5	300.0	255.7	44.38	6.761		
2,500.0	2,260.8	2,453.4	2,151.2	24.4	26.8	-74.75	25.4	936.4	320.2	272.0	48.20	6.644		
2,600.0	2,329.0	2,551.5	2,211.7	26.5	29.1	-74.01	20.0	1,013.4	339.6	287.3	52.28	6.496		
2,700.0	2,394.6	2,649.8	2,272.2	28.8	31.5	-73.87	14.6	1,090.6	358.1	301.4	56.62	6.324		
2,800.0	2,457.5	2,748.1	2,332.8	31.2	33.9	-74.25	9.2	1,167.9	375.6	314.4	61.23	6.134		
2,900.0	2,517.7	2,846.4	2,393.4	33.6	36.3	-75.08	3.7	1,245.1	392.3	326.2	66.11	5.934		
3,000.0	2,575.1	2,944.5	2,453.9	36.1	38.7	-76.35	-1.7	1,322.2	408.3	337.1	71.24	5.732		
3,100.0	2,631.5	3,042.6	2,514.3	38.7	41.1	-77.92	-7.1	1,399.2	424.4	347.9	76.49	5.548		
3,200.0	2,687.9	3,140.6	2,574.7	41.3	43.5	-79.37	-12.5	1,476.3	440.8	359.0	81.74	5.392		
3,300.0	2,744.3	3,238.7	2,635.1	43.9	45.9	-80.72	-17.9	1,553.3	457.4	370.4	86.97	5.259		
3,400.0	2,800.8	3,336.7	2,695.5	46.5	48.4	-81.98	-23.3	1,630.3	474.2	382.0	92.19	5.144		
3,500.0	2,857.2	3,434.8	2,756.0	49.1	50.8	-83.15	-28.7	1,707.4	491.3	393.9	97.39	5.045		
3,600.0	2,913.6	3,532.8	2,816.4	51.7	53.2	-84.24	-34.1	1,784.4	508.5	406.0	102.57	4.958		
3,700.0	2,970.0	3,630.9	2,876.8	54.3	55.6	-85.26	-39.5	1,861.4	525.9	418.2	107.73	4.882		
3,800.0	3,026.5	3,728.9	2,937.2	56.9	58.0	-86.22	-44.9	1,938.5	543.5	430.6	112.88	4.815		
3,900.0	3,082.9	3,827.0	2,997.6	59.5	60.4	-87.11	-50.3	2,015.5	561.2	443.2	118.01	4.756		
4,000.0	3,139.3	3,925.0	3,058.1	62.1	62.9	-87.95	-55.7	2,092.5	579.0	455.9	123.12	4.703		
4,100.0	3,195.7	4,023.1	3,118.5	64.7	65.3	-88.74	-61.1	2,169.6	597.0	468.8	128.21	4.656		
4,200.0	3,252.2	4,121.1	3,178.9	67.3	67.7	-89.49	-66.5	2,246.6	615.0	481.7	133.29	4.614		
4,300.0	3,308.6	4,219.2	3,239.3	69.9	70.1	-90.19	-71.9	2,323.6	633.2	494.8	138.36	4.576		
4,400.0	3,365.0	4,317.2	3,299.7	72.5	72.5	-90.86	-77.3	2,400.7	651.4	508.0	143.41	4.542		
4,500.0	3,421.4	4,415.3	3,360.2	75.1	75.0	-91.48	-82.7	2,477.7	669.7	521.3	148.44	4.512		
4,600.0	3,477.9	4,513.3	3,420.6	77.8	77.4	-92.08	-88.1	2,554.7	688.1	534.6	153.47	4.484		
4,700.0	3,534.3	4,611.4	3,481.0	80.4	79.8	-92.64	-93.5	2,631.8	706.6	548.1	158.48	4.458		
4,800.0	3,590.7	4,709.4	3,541.4	83.0	82.2	-93.18	-98.9	2,708.8	725.1	561.6	163.48	4.435		
4,900.0	3,647.1	4,829.6	3,622.5	85.6	84.8	-94.52	-106.2	2,796.9	742.3	573.8	168.55	4.404 SF		
5,000.0	3,707.1	4,945.3	3,714.8	88.0	86.6	-100.98	-114.4	2,885.9	759.3	588.0	171.22	4.434		
5,100.0	3,776.9	5,054.2	3,811.7	89.9	87.8	-110.28	-123.1	2,914.6	780.5	609.0	171.53	4.550		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company:	Maggie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,200.0	3,855.0	5,157.0	3,909.5	91.5	88.4	-122.25	-131.8	2,944.7	805.8	635.6	170.19	4.735	
5,300.0	3,939.5	5,254.9	4,005.9	92.5	88.7	-137.89	-140.4	2,958.4	834.5	666.7	167.79	4.974	
5,400.0	4,028.3	5,348.6	4,099.2	93.2	88.7	-158.12	-148.7	2,957.4	865.7	700.8	164.92	5.250	
5,500.0	4,119.2	5,439.2	4,188.3	93.6	88.6	178.00	-156.6	2,943.4	898.5	736.4	162.11	5.542	
5,600.0	4,210.0	5,527.5	4,272.3	93.7	88.4	154.61	-164.1	2,917.7	931.8	771.9	159.83	5.830	
5,700.0	4,298.4	5,614.1	4,350.6	93.6	88.2	135.55	-171.1	2,881.4	964.5	806.1	158.39	6.090	
5,800.0	4,382.3	5,700.0	4,422.6	93.5	88.1	121.39	-177.5	2,835.2	995.9	837.9	157.99	6.303	

Company:	Magpie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
0.0	0.0	0.0	0.0	0.0	0.0	0.00	120.2	0.0	120.5						
100.0	100.0	92.0	92.0	0.1	0.1	0.00	120.2	0.0	120.2	120.0	0.26	454.810	CC, ES		
200.0	200.0	192.0	192.0	0.4	0.4	0.00	120.2	0.0	120.2	119.4	0.80	149.538			
300.0	300.0	291.9	291.8	0.7	0.7	-107.21	120.3	1.8	120.8	119.5	1.33	90.865			
400.0	399.8	391.7	391.4	0.9	0.9	-106.63	120.4	8.0	122.5	120.6	1.88	65.240			
500.0	499.5	491.4	490.6	1.2	1.3	-105.58	120.7	18.5	125.4	122.9	2.51	50.033			
600.0	598.7	590.9	589.0	1.6	1.6	-104.14	121.1	33.2	129.6	126.4	3.24	39.949			
700.0	697.5	690.1	686.4	2.0	2.1	-102.38	121.6	52.2	135.0	130.9	4.11	32.824			
800.0	795.6	789.0	782.6	2.5	2.7	-100.38	122.3	75.2	141.8	136.7	5.14	27.612			
900.0	893.1	887.6	877.3	3.0	3.3	-98.24	123.0	102.3	150.0	143.7	6.32	23.722			
1,000.0	989.6	985.7	970.4	3.7	4.1	-96.02	123.8	133.3	159.6	151.9	7.68	20.780			
1,100.0	1,085.3	1,083.3	1,061.6	4.4	4.9	-93.79	124.8	168.1	170.7	161.5	9.21	18.529			
1,200.0	1,179.8	1,180.4	1,150.7	5.2	5.9	-91.61	125.8	206.4	183.2	172.3	10.91	16.788			
1,300.0	1,273.2	1,276.8	1,237.6	6.1	6.9	-89.52	126.9	248.3	197.2	184.4	12.78	15.426			
1,400.0	1,365.2	1,372.7	1,322.2	7.1	8.1	-87.52	128.2	293.4	212.6	197.8	14.82	14.349			
1,500.0	1,455.8	1,467.9	1,404.2	8.1	9.4	-85.64	129.5	341.7	229.5	212.5	17.01	13.487			
1,600.0	1,544.9	1,562.3	1,483.5	9.3	10.7	-83.89	130.9	393.0	247.7	228.3	19.37	12.788			
1,700.0	1,632.4	1,656.1	1,560.1	10.6	12.2	-82.25	132.3	447.0	267.2	245.3	21.87	12.215			
1,800.0	1,718.1	1,749.1	1,633.8	12.0	13.8	-80.73	133.8	503.7	288.0	263.5	24.53	11.740			
1,900.0	1,802.0	1,841.3	1,704.5	13.4	15.5	-79.31	135.4	562.8	310.0	282.7	27.33	11.342			
2,000.0	1,883.9	1,932.7	1,772.3	15.0	17.2	-77.99	137.1	624.1	333.2	302.9	30.28	11.004			
2,100.0	1,963.7	2,023.3	1,837.0	16.7	19.1	-76.76	138.8	687.6	357.5	324.1	33.36	10.715			
2,200.0	2,041.5	2,113.1	1,898.6	18.4	21.0	-75.61	140.6	752.9	382.8	346.2	36.58	10.467			
2,300.0	2,116.9	2,209.2	1,962.8	20.3	23.1	-74.71	142.5	824.3	408.4	368.3	40.07	10.191			
2,400.0	2,190.1	2,306.1	2,027.6	22.3	25.3	-74.33	144.5	896.3	433.1	389.3	43.79	9.891			
2,500.0	2,260.8	2,403.1	2,092.5	24.4	27.4	-74.38	146.4	968.4	456.9	409.2	47.73	9.574			
2,600.0	2,329.0	2,500.2	2,157.5	26.5	29.6	-74.82	148.4	1,040.5	479.9	428.0	51.89	9.248			
2,700.0	2,394.6	2,597.1	2,222.3	28.8	31.8	-75.58	150.3	1,112.6	502.1	445.9	56.28	8.923			
2,800.0	2,457.5	2,693.9	2,287.1	31.2	34.0	-76.61	152.2	1,184.5	523.8	462.9	60.87	8.605			
2,900.0	2,517.7	2,790.3	2,351.6	33.6	36.2	-77.89	154.2	1,256.1	545.0	479.4	65.66	8.302			
3,000.0	2,575.1	2,886.3	2,415.8	36.1	38.3	-79.45	156.1	1,327.4	566.1	495.5	70.62	8.017			
3,100.0	2,631.5	2,982.1	2,479.9	38.7	40.5	-81.34	158.0	1,398.6	587.6	512.0	75.66	7.767			
3,200.0	2,687.9	3,078.0	2,544.0	41.3	42.7	-83.09	160.0	1,469.8	609.7	529.1	80.68	7.557			
3,300.0	2,744.3	3,173.8	2,608.1	43.9	44.8	-84.72	161.9	1,541.0	632.3	546.7	85.66	7.382			
3,400.0	2,800.8	3,269.6	2,672.2	46.5	47.0	-86.25	163.8	1,612.2	655.4	564.8	90.61	7.233			
3,500.0	2,857.2	3,365.4	2,736.3	49.1	49.2	-87.67	165.7	1,683.4	678.9	583.4	95.52	7.108			
3,600.0	2,913.6	3,461.2	2,800.4	51.7	51.3	-89.00	167.7	1,754.6	702.8	602.4	100.39	7.000			
3,700.0	2,970.0	3,557.1	2,864.5	54.3	53.5	-90.24	169.6	1,825.8	727.0	621.8	105.23	6.909			
3,800.0	3,026.5	3,652.9	2,928.6	56.9	55.7	-91.40	171.5	1,897.0	751.6	641.5	110.04	6.830			
3,900.0	3,082.9	3,748.7	2,992.7	59.5	57.9	-92.49	173.4	1,968.2	776.4	661.6	114.81	6.762			
4,000.0	3,139.3	3,844.5	3,056.7	62.1	60.1	-93.52	175.4	2,039.4	801.4	681.9	119.55	6.704			
4,100.0	3,195.7	3,940.3	3,120.8	64.7	62.2	-94.48	177.3	2,110.6	826.7	702.5	124.26	6.653			
4,200.0	3,252.2	4,036.2	3,184.9	67.3	64.4	-95.39	179.2	2,181.8	852.2	723.3	128.94	6.609			
4,300.0	3,308.6	4,132.0	3,249.0	69.9	66.6	-96.24	181.1	2,253.0	877.9	744.3	133.60	6.571			
4,400.0	3,365.0	4,227.8	3,313.1	72.5	68.8	-97.05	183.1	2,324.2	903.8	765.6	138.23	6.538			
4,500.0	3,421.4	4,323.6	3,377.2	75.1	70.9	-97.81	185.0	2,395.4	929.8	787.0	142.84	6.510			
4,600.0	3,477.9	4,419.4	3,441.3	77.8	73.1	-98.54	186.9	2,466.6	956.0	808.6	147.42	6.485			
4,700.0	3,534.3	4,515.3	3,505.4	80.4	75.3	-99.22	188.8	2,537.8	982.3	830.3	151.99	6.463	SF		

Company:	Maggie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	153.0	0.0	153.3					
100.0	100.0	90.0	90.0	0.1	0.1	0.00	153.0	0.0	153.0	152.8	0.26	584.926		
200.0	200.0	190.0	190.0	0.4	0.4	0.00	153.0	0.0	153.0	152.2	0.80	191.632 CC, ES		
300.0	300.0	289.4	289.4	0.7	0.7	-107.26	153.2	1.7	153.7	152.4	1.32	116.093		
400.0	399.8	388.7	388.5	0.9	0.9	-106.84	153.8	7.7	155.9	154.0	1.87	83.239		
500.0	499.5	487.8	487.1	1.2	1.2	-106.07	154.8	18.0	159.5	157.0	2.50	63.829		
600.0	598.7	586.8	584.9	1.6	1.6	-104.98	156.3	32.4	164.7	161.5	3.23	50.983		
700.0	697.5	685.4	681.8	2.0	2.1	-103.63	158.1	51.0	171.4	167.3	4.09	41.906		
800.0	795.6	783.7	777.4	2.5	2.6	-102.10	160.4	73.6	179.7	174.6	5.10	35.253		
900.0	893.1	881.5	871.5	3.0	3.3	-100.43	163.1	100.1	189.7	183.4	6.27	30.264		
1,000.0	989.6	978.9	964.0	3.7	4.0	-98.69	166.1	130.4	201.2	193.6	7.60	26.466		
1,100.0	1,085.3	1,075.7	1,054.6	4.4	4.8	-96.92	169.5	164.5	214.4	205.3	9.11	23.535		
1,200.0	1,179.8	1,171.9	1,143.0	5.2	5.8	-95.17	173.3	202.0	229.3	218.5	10.79	21.248		
1,300.0	1,273.2	1,267.5	1,229.3	6.1	6.8	-93.46	177.4	242.9	245.8	233.1	12.64	19.439		
1,400.0	1,365.2	1,362.3	1,313.1	7.1	8.0	-91.82	181.8	287.0	263.8	249.2	14.66	17.994		
1,500.0	1,455.8	1,456.4	1,394.4	8.1	9.2	-90.24	186.5	334.1	283.5	266.6	16.85	16.825		
1,600.0	1,544.9	1,549.7	1,473.0	9.3	10.5	-88.75	191.5	384.1	304.6	285.4	19.20	15.868		
1,700.0	1,632.4	1,642.2	1,548.8	10.6	12.0	-87.33	196.8	436.8	327.2	305.5	21.71	15.076		
1,800.0	1,718.1	1,733.8	1,621.8	12.0	13.5	-86.00	202.4	491.9	351.3	326.9	24.37	14.414		
1,900.0	1,802.0	1,824.6	1,691.9	13.4	15.1	-84.73	208.1	549.3	376.7	349.5	27.19	13.855		
2,000.0	1,883.9	1,914.5	1,759.0	15.0	16.8	-83.54	214.1	608.9	403.4	373.2	30.15	13.378		
2,100.0	1,963.7	2,000.0	1,820.6	16.7	18.5	-82.43	220.0	667.9	431.3	398.1	33.20	12.994		
2,200.0	2,041.5	2,091.8	1,884.2	18.4	20.4	-81.33	226.6	733.8	460.4	423.9	36.51	12.609		
2,300.0	2,116.9	2,179.1	1,942.1	20.3	22.4	-80.31	233.1	798.7	490.7	450.7	39.91	12.295		
2,400.0	2,190.1	2,265.6	1,997.1	22.3	24.4	-79.33	239.8	865.1	521.9	478.5	43.43	12.018		
2,500.0	2,260.8	2,352.9	2,050.0	24.4	26.5	-78.40	246.7	934.2	554.2	507.1	47.10	11.766		
2,600.0	2,329.0	2,447.6	2,106.5	26.5	28.8	-77.73	254.3	1,009.9	586.3	535.2	51.09	11.476		
2,700.0	2,394.6	2,542.5	2,163.1	28.8	31.1	-77.41	261.9	1,085.6	617.7	562.5	55.27	11.177		
2,800.0	2,457.5	2,637.4	2,219.7	31.2	33.5	-77.38	269.5	1,161.4	648.5	588.8	59.64	10.874		
2,900.0	2,517.7	2,732.3	2,276.3	33.6	35.8	-77.62	277.1	1,237.2	678.6	614.4	64.19	10.571		
3,000.0	2,575.1	2,827.0	2,332.8	36.1	38.2	-78.18	284.7	1,312.9	708.2	639.2	68.95	10.271		
3,100.0	2,631.5	2,921.6	2,389.3	38.7	40.5	-79.24	292.3	1,388.4	737.8	663.9	73.88	9.987		
3,200.0	2,687.9	3,016.3	2,445.7	41.3	42.9	-80.23	299.9	1,464.0	767.6	688.8	78.81	9.740		
3,300.0	2,744.3	3,110.9	2,502.2	43.9	45.3	-81.14	307.4	1,539.6	797.6	713.8	83.75	9.523		
3,400.0	2,800.8	3,205.5	2,558.6	46.5	47.6	-81.99	315.0	1,615.2	827.8	739.1	88.69	9.333		
3,500.0	2,857.2	3,300.2	2,615.1	49.1	50.0	-82.77	322.6	1,690.7	858.1	764.5	93.64	9.164		
3,600.0	2,913.6	3,394.8	2,671.5	51.7	52.3	-83.51	330.2	1,766.3	888.6	790.0	98.58	9.014		
3,700.0	2,970.0	3,489.5	2,728.0	54.3	54.7	-84.20	337.8	1,841.9	919.2	815.6	103.52	8.879		
3,800.0	3,026.5	3,584.1	2,784.5	56.9	57.1	-84.84	345.3	1,917.5	949.9	841.4	108.46	8.758		
3,900.0	3,082.9	3,678.7	2,840.9	59.5	59.4	-85.44	352.9	1,993.0	980.7	867.3	113.40	8.648 SF		

Company:	Magpie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.01	182.2	0.0	182.6					
100.0	100.0	88.0	88.0	0.1	0.1	0.01	182.2	0.0	182.2	181.9	0.26	703.732		
200.0	200.0	188.0	188.0	0.4	0.4	0.01	182.2	0.0	182.2	181.4	0.79	229.716 CC		
300.0	300.0	288.0	288.0	0.7	0.7	-107.82	182.2	0.0	182.7	181.4	1.33	137.467 ES		
400.0	399.8	386.6	386.6	0.9	0.9	-108.81	182.5	1.6	184.6	182.8	1.86	99.085		
500.0	499.5	485.2	485.0	1.2	1.2	-109.46	183.7	7.3	188.5	186.1	2.44	77.222		
600.0	598.7	583.7	583.0	1.6	1.5	-109.77	185.7	17.2	194.2	191.1	3.10	62.737		
700.0	697.5	682.2	680.4	2.0	1.9	-109.74	188.5	31.1	201.8	197.9	3.86	52.336		
800.0	795.6	780.4	776.9	2.5	2.3	-109.42	192.2	49.1	211.2	206.5	4.75	44.502		
900.0	893.1	878.3	872.2	3.0	2.8	-108.85	196.7	71.1	222.4	216.6	5.79	38.446		
1,000.0	989.6	975.8	966.0	3.7	3.4	-108.06	202.0	96.9	235.4	228.4	6.99	33.692		
1,100.0	1,085.3	1,072.8	1,058.3	4.4	4.1	-107.12	208.0	126.5	250.3	241.9	8.36	29.922		
1,200.0	1,179.8	1,169.4	1,148.7	5.2	4.9	-106.05	214.8	159.6	266.9	257.0	9.92	26.909		
1,300.0	1,273.2	1,265.2	1,237.0	6.1	5.8	-104.89	222.3	196.2	285.4	273.7	11.66	24.480		
1,400.0	1,365.2	1,360.5	1,323.0	7.1	6.8	-103.68	230.4	236.1	305.6	292.0	13.58	22.508		
1,500.0	1,455.8	1,454.9	1,406.7	8.1	8.0	-102.45	239.2	279.1	327.6	311.9	15.68	20.894		
1,600.0	1,544.9	1,548.6	1,487.7	9.3	9.2	-101.20	248.6	325.1	351.3	333.3	17.96	19.562		
1,700.0	1,632.4	1,641.5	1,566.2	10.6	10.5	-99.95	258.5	373.8	376.7	356.3	20.41	18.453		
1,800.0	1,718.1	1,733.4	1,641.8	12.0	11.8	-98.72	269.0	425.1	403.8	380.7	23.04	17.524		
1,900.0	1,802.0	1,824.5	1,714.6	13.4	13.3	-97.51	280.0	478.7	432.5	406.6	25.84	16.738		
2,000.0	1,883.9	1,914.7	1,784.4	15.0	14.9	-96.32	291.4	534.6	462.7	433.9	28.79	16.068		
2,100.0	1,963.7	2,003.9	1,851.2	16.7	16.5	-95.15	303.2	592.5	494.4	462.5	31.91	15.494		
2,200.0	2,041.5	2,092.2	1,915.0	18.4	18.3	-94.01	315.4	652.3	527.5	492.4	35.18	14.995		
2,300.0	2,116.9	2,179.5	1,975.8	20.3	20.1	-92.90	328.0	713.7	562.0	523.4	38.60	14.560		
2,400.0	2,190.1	2,265.9	2,033.5	22.3	22.0	-91.81	340.9	776.7	597.9	555.7	42.16	14.180		
2,500.0	2,260.8	2,351.3	2,088.2	24.4	23.9	-90.74	354.0	841.0	634.9	589.0	45.85	13.847		
2,600.0	2,329.0	2,439.3	2,142.2	26.5	26.0	-89.71	367.9	909.1	673.0	623.3	49.73	13.534		
2,700.0	2,394.6	2,531.7	2,198.4	28.8	28.2	-88.95	382.6	980.9	711.3	657.4	53.83	13.214		
2,800.0	2,457.5	2,624.0	2,254.7	31.2	30.4	-88.47	397.2	1,052.6	749.5	691.5	58.05	12.910		
2,900.0	2,517.7	2,716.2	2,310.7	33.6	32.6	-88.24	411.9	1,124.2	787.7	725.3	62.40	12.623		
3,000.0	2,575.1	2,808.0	2,366.7	36.1	34.8	-88.34	426.5	1,195.6	825.9	759.0	66.89	12.348		
3,100.0	2,631.5	2,899.7	2,422.5	38.7	37.0	-89.14	441.0	1,266.9	864.2	792.7	71.51	12.085		
3,200.0	2,687.9	2,991.4	2,478.4	41.3	39.2	-89.88	455.6	1,338.1	902.6	826.5	76.14	11.855		
3,300.0	2,744.3	3,083.1	2,534.2	43.9	41.4	-90.55	470.2	1,409.4	941.2	860.4	80.77	11.652		
3,400.0	2,800.8	3,174.9	2,590.1	46.5	43.7	-91.18	484.7	1,480.7	979.8	894.4	85.41	11.472 SF		

Company:	Maggie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	211.3	0.0	211.8					
100.0	100.0	86.0	86.0	0.1	0.1	0.00	211.3	0.0	211.3	211.0	0.26	825.071		
200.0	200.0	186.0	186.0	0.4	0.4	0.00	211.3	0.0	211.3	210.5	0.79	268.328 CC		
300.0	300.0	286.0	286.0	0.7	0.6	-107.75	211.3	0.0	211.8	210.5	1.32	160.058 ES		
400.0	399.8	385.8	385.8	0.9	0.9	-109.05	211.3	0.0	213.5	211.6	1.87	114.206		
500.0	499.5	483.4	483.4	1.2	1.2	-110.73	211.8	1.4	216.9	214.4	2.44	88.975		
600.0	598.7	580.8	580.6	1.6	1.5	-112.09	213.6	6.8	222.8	219.7	3.05	72.990		
700.0	697.5	678.2	677.5	2.0	1.7	-113.10	216.6	16.0	231.1	227.3	3.74	61.739		
800.0	795.6	775.6	773.9	2.5	2.1	-113.77	221.0	29.1	241.7	237.2	4.53	53.309		
900.0	893.1	872.7	869.3	3.0	2.5	-114.11	226.7	46.1	254.6	249.2	5.45	46.723		
1,000.0	989.6	969.5	963.6	3.7	3.0	-114.15	233.6	66.8	269.7	263.2	6.51	41.451		
1,100.0	1,085.3	1,065.9	1,056.5	4.4	3.6	-113.94	241.7	91.1	287.0	279.3	7.72	37.167		
1,200.0	1,179.8	1,161.7	1,147.8	5.2	4.2	-113.50	251.0	119.0	306.4	297.3	9.10	33.656		
1,300.0	1,273.2	1,257.0	1,237.2	6.1	5.0	-112.90	261.5	150.2	327.9	317.3	10.66	30.765		
1,400.0	1,365.2	1,351.6	1,324.5	7.1	5.8	-112.15	273.0	184.7	351.5	339.1	12.40	28.358		
1,500.0	1,455.8	1,445.3	1,409.5	8.1	6.8	-111.30	285.5	222.2	377.1	362.8	14.31	26.361		
1,600.0	1,544.9	1,538.3	1,492.0	9.3	7.8	-110.36	299.0	262.6	404.8	388.4	16.40	24.686		
1,700.0	1,632.4	1,630.3	1,572.0	10.6	9.0	-109.37	313.4	305.8	434.4	415.7	18.66	23.274		
1,800.0	1,718.1	1,721.3	1,649.3	12.0	10.2	-108.33	328.6	351.4	465.9	444.8	21.10	22.078		
1,900.0	1,802.0	1,811.4	1,723.9	13.4	11.5	-107.25	344.7	399.4	499.2	475.5	23.71	21.058		
2,000.0	1,883.9	1,900.0	1,795.2	15.0	12.9	-106.16	361.3	449.2	534.4	507.9	26.47	20.189		
2,100.0	1,963.7	1,988.4	1,864.2	16.7	14.4	-105.06	378.8	501.5	571.3	541.9	29.42	19.421		
2,200.0	2,041.5	2,075.3	1,930.0	18.4	15.9	-103.94	396.8	555.4	610.0	577.4	32.51	18.761		
2,300.0	2,116.9	2,161.1	1,992.8	20.3	17.6	-102.82	415.3	610.8	650.2	614.4	35.75	18.185		
2,400.0	2,190.1	2,245.8	2,052.6	22.3	19.2	-101.70	434.3	667.7	692.0	652.8	39.13	17.682		
2,500.0	2,260.8	2,329.5	2,109.5	24.4	21.0	-100.58	453.7	725.9	735.2	692.5	42.65	17.239		
2,600.0	2,329.0	2,412.1	2,163.4	26.5	22.8	-99.45	473.6	785.3	779.8	733.5	46.29	16.848		
2,700.0	2,394.6	2,493.9	2,214.5	28.8	24.6	-98.33	493.8	845.9	825.8	775.7	50.06	16.497		
2,800.0	2,457.5	2,582.3	2,268.6	31.2	26.7	-97.34	515.9	912.2	872.6	818.5	54.07	16.138		
2,900.0	2,517.7	2,670.3	2,322.5	33.6	28.7	-96.57	538.0	978.2	919.8	861.6	58.17	15.812		
3,000.0	2,575.1	2,758.0	2,376.1	36.1	30.8	-96.17	560.0	1,044.0	967.3	905.0	62.36	15.512 SF		

Company:	Magpie Operating, Inc.	Local Co-ordinate Reference:	Well Bunker 8-1H
Project:	SEC.29-T5N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	Bunker 8 Well Pad Sec.29-T5N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0 ft	North Reference:	True
Reference Well:	Bunker 8-1H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #3 (2-1-21)	Offset TVD Reference:	Offset Datum

Offset Design		Bunker 8 Well Pad Sec.29-T5N-R68W - Bunker 8-9H - Wellbore #1 - Plan #2 (12-06-18)											Offset Site Error:	
Survey Program:		0-MWVD											Offset Well Error:	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
0.0	0.0	0.0	0.0	0.0	0.0	0.01	240.5	0.0	240.9					
100.0	100.0	85.0	85.0	0.1	0.1	0.01	240.5	0.0	240.5	240.2	0.25	943.972		
200.0	200.0	185.0	185.0	0.4	0.4	0.01	240.5	0.0	240.5	239.7	0.78	306.421	CC, ES	
300.0	300.0	281.7	281.6	0.7	0.6	-107.35	241.0	1.3	241.6	240.3	1.31	184.720		
400.0	399.8	377.6	377.5	0.9	0.9	-107.23	243.1	6.3	245.3	243.5	1.85	132.412		
500.0	499.5	473.4	472.7	1.2	1.2	-106.95	246.8	15.0	251.7	249.3	2.46	102.134		
600.0	598.7	568.8	567.2	1.6	1.6	-106.52	252.0	27.3	260.8	257.6	3.17	82.394		
700.0	697.5	663.7	660.5	2.0	2.0	-105.97	258.6	43.1	272.5	268.5	3.97	68.564		
800.0	795.6	758.0	752.5	2.5	2.5	-105.32	266.7	62.3	286.8	281.9	4.91	58.437		
900.0	893.1	851.6	842.8	3.0	3.1	-104.60	276.2	84.8	303.6	297.6	5.98	50.808		
1,000.0	989.6	944.4	931.4	3.7	3.7	-103.83	287.1	110.4	323.0	315.8	7.19	44.946		
1,100.0	1,085.3	1,036.3	1,017.8	4.4	4.5	-103.01	299.1	139.0	344.9	336.4	8.54	40.368		
1,200.0	1,179.8	1,127.2	1,102.1	5.2	5.3	-102.18	312.4	170.4	369.2	359.2	10.05	36.744		
1,300.0	1,273.2	1,217.0	1,183.9	6.1	6.2	-101.33	326.8	204.5	395.9	384.2	11.70	33.833		
1,400.0	1,365.2	1,305.7	1,263.3	7.1	7.2	-100.48	342.2	241.0	424.9	411.4	13.50	31.473		
1,500.0	1,455.8	1,393.3	1,340.1	8.1	8.2	-99.63	358.6	279.8	456.1	440.6	15.45	29.522		
1,600.0	1,544.9	1,479.6	1,414.1	9.3	9.3	-98.78	375.8	320.6	489.5	471.9	17.55	27.894		
1,700.0	1,632.4	1,564.7	1,485.4	10.6	10.6	-97.93	393.9	363.4	524.9	505.1	19.78	26.531		
1,800.0	1,718.1	1,648.5	1,554.0	12.0	11.8	-97.08	412.6	407.8	562.3	540.2	22.16	25.378		
1,900.0	1,802.0	1,731.0	1,619.7	13.4	13.1	-96.23	432.1	453.9	601.6	577.0	24.66	24.396		
2,000.0	1,883.9	1,812.3	1,682.5	15.0	14.5	-95.38	452.1	501.3	642.8	615.5	27.29	23.550		
2,100.0	1,963.7	1,892.2	1,742.6	16.7	15.9	-94.53	472.6	549.9	685.7	655.6	30.06	22.812		
2,200.0	2,041.5	1,970.9	1,799.9	18.4	17.4	-93.68	493.6	599.6	730.2	697.2	32.95	22.161		
2,300.0	2,116.9	2,048.4	1,854.4	20.3	19.0	-92.82	515.0	650.3	776.2	740.3	35.96	21.589		
2,400.0	2,190.1	2,124.6	1,906.2	22.3	20.5	-91.95	536.7	701.8	823.8	784.7	39.07	21.085		
2,500.0	2,260.8	2,200.0	1,955.6	24.4	22.1	-91.08	558.8	754.2	872.7	830.4	42.30	20.633		
2,600.0	2,329.0	2,273.5	2,002.0	26.5	23.8	-90.19	581.0	806.8	922.9	877.3	45.63	20.227		
2,700.0	2,394.6	2,346.2	2,046.0	28.8	25.5	-89.30	603.5	860.1	974.3	925.3	49.06	19.862	SF	

Reference Depths are relative to WELL @ 5013.0ft (Original Well Elev)	Coordinates are relative to: Bunker 8-1H
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000	Grid Convergence at Surface is: 0.30°



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