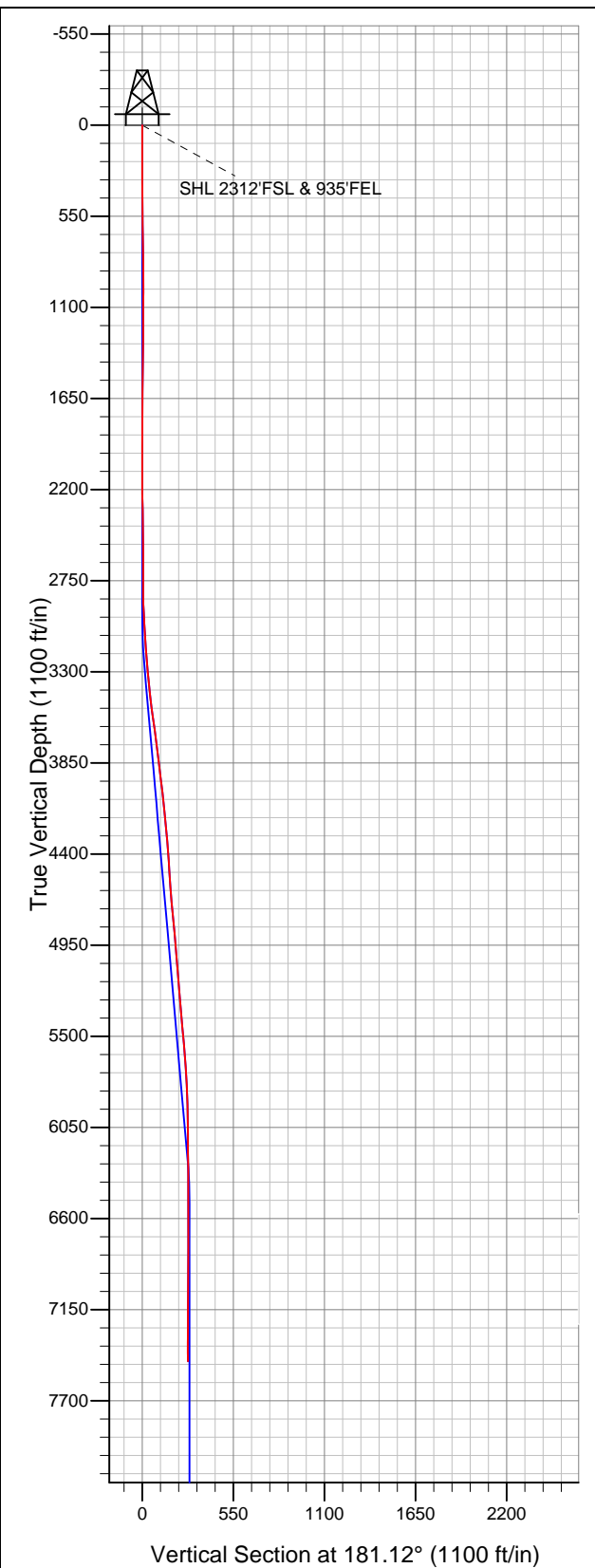


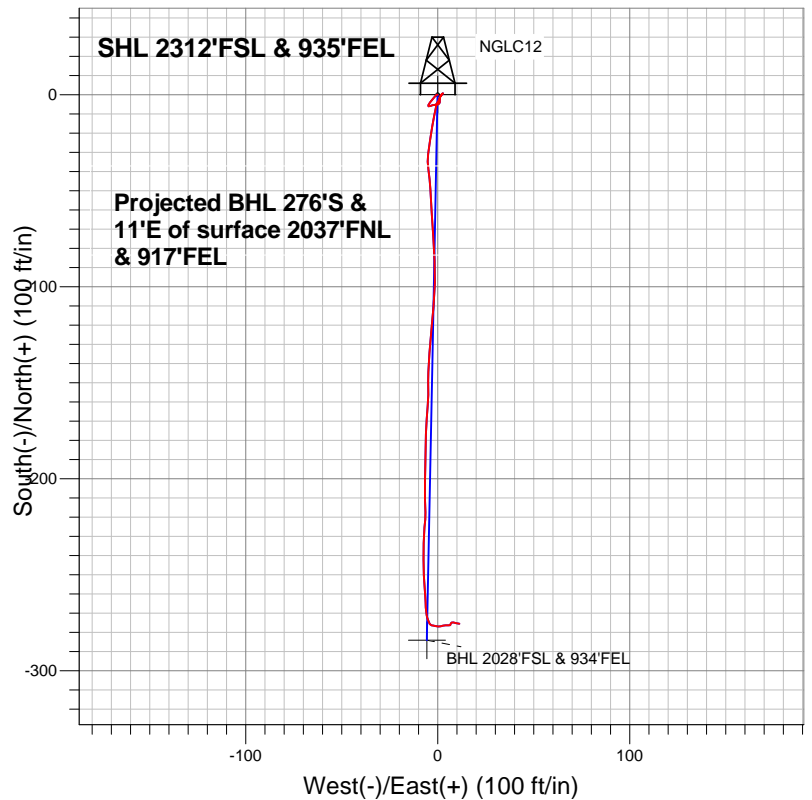


Well Name: NGL C12

Surface Location: NGL C12 pad
North American Datum 1983 US State Plane 1983 Colorado Northern Zone
Ground Elevation: 4595.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1379303.05 3302058.52 40.369520 -104.415910
Ensign Rig #138 RKB - 13' WELL @ 4608.0ft (Ensign Rig #138 RKB - 13')



NGL Water Solutions DJ, LLC



LEGEND

- NGL C12, Wellbore #1, Plan #1 (4-1-15) V0
- Wellbore #1
- Survey #1

Final Survey Plot

Projected Final Survey -
7474'MD & 7461'TVD @ 275'VS
1.8 deg Inc 102.0 deg AZ

Project: SEC.27-T5N-R63W
Site: NGL C12 pad
Well: NGL C12
Plan: Wellbore #1



NGL Water Solutions DJ, LLC

SEC.27-T5N-R63W

NGL C12 pad

NGL C12

Wellbore #1

Survey: Survey #1

Standard Survey Report

13 April, 2015

Company:	NGL Water Solutions DJ, LLC	Local Co-ordinate Reference:	Well NGL C12
Project:	SEC.27-T5N-R63W	TVD Reference:	WELL @ 4608.0ft (Ensign Rig #138 RKB - 13')
Site:	NGL C12 pad	MD Reference:	WELL @ 4608.0ft (Ensign Rig #138 RKB - 13')
Well:	NGL C12	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Project	SEC.27-T5N-R63W		
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	NGL C12 pad		
Site Position:		Northing:	1,379,355.51 ft
From:	Lat/Long	Easting:	3,301,578.59 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40.369680
		Longitude:	-104.417630
		Grid Convergence:	0.70 °

Well	NGL C12		
Well Position	+N/-S	0.0 ft	Northing:
	+E/-W	0.0 ft	Easting:
Position Uncertainty		0.0 ft	Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2010	4/1/2015	8.16
			Dip Angle (°)
			66.95
			Field Strength (nT)
			52,753

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)
	0.0	0.0	0.0
			Direction (°)
			181.12

Survey Program	Date	4/13/2015		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
164.0	7,474.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
1.0	0.00	271.80	1.0	0.0	0.0	0.0	0.00	0.00	0.00	
SHL 2312'FSL & 935'FEL										
164.0	0.10	271.80	164.0	0.0	-0.1	0.0	0.06	0.06	0.00	
255.0	0.10	295.00	255.0	0.0	-0.3	0.0	0.04	0.00	25.49	
346.0	0.30	232.90	346.0	-0.1	-0.6	0.1	0.29	0.22	-68.24	
437.0	0.40	222.70	437.0	-0.4	-1.0	0.5	0.13	0.11	-11.21	
528.0	0.50	226.60	528.0	-1.0	-1.5	1.0	0.11	0.11	4.29	
619.0	1.10	214.30	619.0	-1.9	-2.2	2.0	0.68	0.66	-13.52	
715.0	1.70	223.10	715.0	-3.7	-3.7	3.8	0.66	0.63	9.17	
808.0	0.90	194.30	807.9	-5.5	-4.9	5.6	1.09	-0.86	-30.97	
866.0	0.40	120.60	865.9	-6.0	-4.8	6.1	1.51	-0.86	-127.07	
998.0	0.70	60.50	997.9	-5.8	-3.7	5.9	0.46	0.23	-45.53	

Company:	NGL Water Solutions DJ, LLC	Local Co-ordinate Reference:	Well NGL C12
Project:	SEC.27-T5N-R63W	TVD Reference:	WELL @ 4608.0ft (Ensign Rig #138 RKB - 13')
Site:	NGL C12 pad	MD Reference:	WELL @ 4608.0ft (Ensign Rig #138 RKB - 13')
Well:	NGL C12	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,092.0	0.80	81.10	1,091.9	-5.5	-2.6	5.5	0.30	0.11	21.91
1,186.0	0.80	76.10	1,185.9	-5.2	-1.3	5.2	0.07	0.00	-5.32
1,279.0	1.00	85.50	1,278.9	-5.0	0.2	5.0	0.27	0.22	10.11
1,374.0	1.30	7.80	1,373.9	-3.8	1.1	3.8	1.54	0.32	-81.79
1,467.0	0.50	341.90	1,466.9	-2.4	1.2	2.4	0.94	-0.86	-27.85
1,562.0	0.30	5.70	1,561.9	-1.8	1.1	1.8	0.27	-0.21	25.05
1,657.0	0.40	17.10	1,656.9	-1.2	1.2	1.2	0.13	0.11	12.00
1,752.0	0.50	56.10	1,751.9	-0.7	1.6	0.6	0.33	0.11	41.05
1,847.0	0.40	32.40	1,846.9	-0.2	2.1	0.1	0.22	-0.11	-24.95
1,943.0	0.40	44.70	1,942.9	0.4	2.6	-0.4	0.09	0.00	12.81
2,038.0	0.20	24.50	2,037.9	0.8	2.9	-0.8	0.24	-0.21	-21.26
2,133.0	0.50	241.40	2,132.9	0.7	2.6	-0.8	0.71	0.32	-150.63
2,227.0	0.90	211.10	2,226.8	-0.1	1.8	0.1	0.57	0.43	-32.23
2,323.0	1.20	201.10	2,322.8	-1.7	1.1	1.7	0.37	0.31	-10.42
2,418.0	1.20	211.10	2,417.8	-3.5	0.2	3.5	0.22	0.00	10.53
2,513.0	0.20	185.30	2,512.8	-4.5	-0.3	4.5	1.08	-1.05	-27.16
2,608.0	0.10	292.40	2,607.8	-4.6	-0.4	4.6	0.26	-0.11	112.74
2,703.0	0.10	199.50	2,702.8	-4.7	-0.5	4.7	0.15	0.00	-97.79
2,798.0	0.10	166.50	2,797.8	-4.8	-0.5	4.9	0.06	0.00	-34.74
2,893.0	1.80	191.80	2,892.8	-6.4	-0.8	6.4	1.80	1.79	26.63
2,988.0	3.20	190.80	2,987.7	-10.4	-1.6	10.5	1.47	1.47	-1.05
3,083.0	3.90	191.10	3,082.5	-16.2	-2.7	16.3	0.74	0.74	0.32
3,178.0	4.60	187.80	3,177.2	-23.2	-3.9	23.2	0.78	0.74	-3.47
3,273.0	4.70	187.90	3,271.9	-30.8	-4.9	30.9	0.11	0.11	0.11
3,368.0	5.60	171.60	3,366.6	-39.2	-4.8	39.3	1.80	0.95	-17.16
3,464.0	6.60	176.20	3,462.0	-49.4	-3.7	49.4	1.16	1.04	4.79
3,559.0	7.80	177.00	3,556.3	-61.3	-3.0	61.3	1.27	1.26	0.84
3,653.0	7.80	175.60	3,649.4	-74.0	-2.2	74.0	0.20	0.00	-1.49
3,749.0	7.30	178.10	3,744.6	-86.6	-1.5	86.6	0.62	-0.52	2.60
3,844.0	6.70	181.60	3,838.9	-98.2	-1.5	98.2	0.77	-0.63	3.68
3,939.0	7.30	184.40	3,933.1	-109.7	-2.1	109.7	0.73	0.63	2.95
4,034.0	6.70	185.80	4,027.4	-121.2	-3.1	121.3	0.66	-0.63	1.47
4,129.0	5.50	183.40	4,121.9	-131.3	-3.9	131.4	1.29	-1.26	-2.53
4,224.0	5.40	185.30	4,216.5	-140.3	-4.6	140.4	0.22	-0.11	2.00
4,319.0	5.30	179.10	4,311.1	-149.1	-5.0	149.2	0.62	-0.11	-6.53
4,414.0	3.40	178.80	4,405.8	-156.3	-4.8	156.4	2.00	-2.00	-0.32
4,509.0	3.60	187.10	4,500.6	-162.1	-5.1	162.2	0.57	0.21	8.74
4,604.0	4.50	182.30	4,595.4	-168.8	-5.7	168.9	1.01	0.95	-5.05
4,699.0	5.00	183.40	4,690.0	-176.7	-6.1	176.7	0.53	0.53	1.16
4,794.0	5.40	179.90	4,784.6	-185.3	-6.3	185.3	0.54	0.42	-3.68
4,889.0	4.90	181.60	4,879.3	-193.8	-6.4	193.9	0.55	-0.53	1.79
4,984.0	5.30	180.90	4,973.9	-202.2	-6.6	202.3	0.43	0.42	-0.74
5,079.0	4.50	177.60	5,068.5	-210.3	-6.5	210.4	0.89	-0.84	-3.47
5,174.0	4.20	180.20	5,163.3	-217.5	-6.4	217.6	0.38	-0.32	2.74
5,269.0	5.10	186.20	5,257.9	-225.2	-6.8	225.3	1.08	0.95	6.32
5,364.0	4.90	179.90	5,352.6	-233.5	-7.3	233.6	0.61	-0.21	-6.63
5,459.0	5.30	181.40	5,447.2	-241.9	-7.4	242.0	0.44	0.42	1.58
5,554.0	4.70	175.50	5,541.9	-250.2	-7.2	250.3	0.83	-0.63	-6.21
5,650.0	4.50	176.20	5,637.5	-257.9	-6.6	257.9	0.22	-0.21	0.73
5,745.0	3.50	178.30	5,732.3	-264.5	-6.3	264.6	1.06	-1.05	2.21
5,840.0	2.50	173.00	5,827.2	-269.4	-5.9	269.5	1.09	-1.05	-5.58
5,935.0	1.40	163.20	5,922.1	-272.6	-5.4	272.7	1.21	-1.16	-10.32
6,030.0	0.90	152.60	6,017.1	-274.4	-4.7	274.4	0.57	-0.53	-11.16
6,125.0	0.60	152.30	6,112.1	-275.5	-4.1	275.5	0.32	-0.32	-0.32

Company:	NGL Water Solutions DJ, LLC	Local Co-ordinate Reference:	Well NGL C12
Project:	SEC.27-T5N-R63W	TVD Reference:	WELL @ 4608.0ft (Ensign Rig #138 RKB - 13')
Site:	NGL C12 pad	MD Reference:	WELL @ 4608.0ft (Ensign Rig #138 RKB - 13')
Well:	NGL C12	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
6,221.0	0.50	124.00	6,208.1	-276.2	-3.5	276.2	0.30	-0.10	-29.48	
6,316.0	0.30	90.00	6,303.1	-276.4	-2.9	276.4	0.32	-0.21	-35.79	
6,411.0	0.30	95.10	6,398.1	-276.4	-2.4	276.4	0.03	0.00	5.37	
6,506.0	0.40	112.50	6,493.1	-276.6	-1.9	276.5	0.15	0.11	18.32	
6,601.0	0.40	95.50	6,588.1	-276.7	-1.2	276.7	0.12	0.00	-17.89	
6,696.0	0.40	105.10	6,683.1	-276.8	-0.6	276.8	0.07	0.00	10.11	
6,791.0	0.80	89.90	6,778.1	-276.9	0.4	276.9	0.45	0.42	-16.00	
6,886.0	0.70	79.50	6,873.1	-276.8	1.6	276.7	0.18	-0.11	-10.95	
6,981.0	0.80	76.70	6,968.1	-276.6	2.8	276.4	0.11	0.11	-2.95	
7,076.0	0.80	85.80	7,063.0	-276.4	4.1	276.2	0.13	0.00	9.58	
7,171.0	1.20	93.70	7,158.0	-276.4	5.8	276.2	0.44	0.42	8.32	
7,266.0	1.10	5.80	7,253.0	-275.5	6.9	275.3	1.68	-0.11	-92.53	
7,361.0	1.40	100.40	7,348.0	-274.8	8.1	274.6	1.95	0.32	99.58	
7,426.0	1.80	102.00	7,413.0	-275.2	9.9	274.9	0.62	0.62	2.46	
7,474.0	1.80	102.00	7,461.0	-275.5	11.4	275.2	0.00	0.00	0.00	
BHL 2028'FSL & 934'FEL										

Checked By: _____ Approved By: _____ Date: _____