

NOBLE ENERGY, INC



Location: COLORADO Slot: SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12)
 Field: WELD COUNTY (NOBLE NAD 83 GRID) Well: Guttersen Y12-734
 Facility: SEC.12-T2N-R64W Wellbore: Guttersen Y12-734 PWB

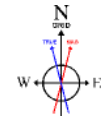
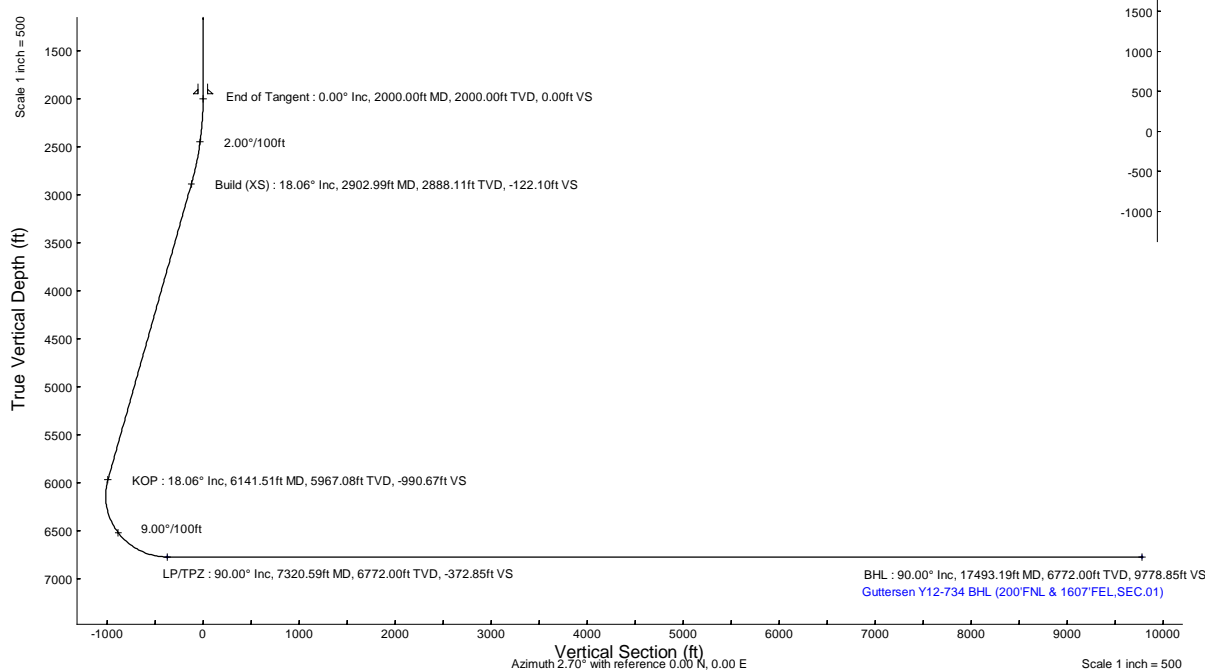
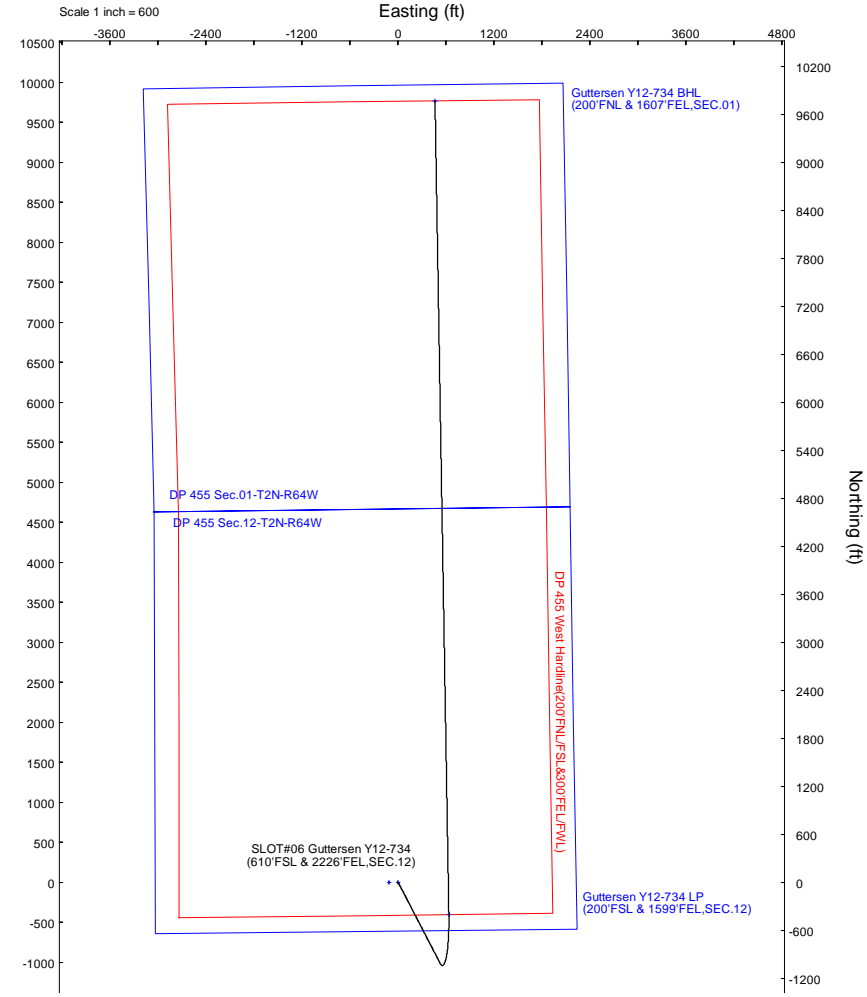
Plot reference wellpath is Guttersen Y12-734 (REV-B.1) PWP
 Grid System: NAD83 / Lambert Colorado SP, Northern Zone (501), US feet
 True vertical depths are referenced to RIG (4866'GL+30'KB@4896'RKB) (RKB)
 North Reference: Grid north
 Reference wellpath measured depths are referenced to RIG (4866'GL+30'KB@4896'RKB) (RKB)
 Scale: True distance
 RIG (4866'GL+30'KB@4896'RKB) (RKB) to Mean Sea Level: 4894 feet
 Coordinates are in feet referenced to Slot
 Mean Sea Level to Ground level (At Slot: SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12)): 0 feet
 Depths are in feet
 Offset wellpath MDs are referenced to each path's default MD datum
 Created by: guemaler on 2023-12-05; Database: WA_Denver

Location Information						
Facility Name		Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
SEC.12-T2N-R64W		3279878.757	1298091.404	40°08'50.3448"N	104°29'55.6692"W	
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12)	112.38	112.38	3279991.133	1298092.309	40°08'50.3412"N	104°29'54.2220"W
RIG (4866'GL+30'KB@4896'RKB) (RKB) to Ground level (At Slot: SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12))						4894ft
Mean Sea Level to Ground level (At Slot: SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12))						0ft
RIG (4866'GL+30'KB@4896'RKB) (RKB) to Mean Sea Level						4894ft

Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	VS (ft)
Tie On	30.00	0.000	152.599	30.00	0.00	0.00	0.00
End of Tangent	2000.00	0.000	152.599	2000.00	0.00	0.00	0.00
Build (XS)	2902.99	18.060	152.599	2888.11	-125.30	64.95	-122.10
KOP	6141.51	18.060	152.599	5967.08	-1016.63	527.00	-990.67
LP/TPZ	7320.59	90.000	359.027	6772.00	-403.14	633.42	-372.85
BHL	17493.19	90.000	359.027	6772.00	9767.99	460.74	9778.85

Targets								
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
DP 455 Sec.01-T2N-R64W	N/A	-2.00	-0.90	-112.38	3279878.76	1298091.40	40°08'50.3448"N	104°29'55.6692"W
DP 455 Sec.12-T2N-R64W	N/A	-2.00	-0.90	-112.38	3279878.76	1298091.40	40°08'50.3448"N	104°29'55.6692"W
Guttersen Y12-734 BHL (200'FNL & 1607'FEL,SEC.01)	17493.19	6772.00	9767.99	460.74	3280451.85	1307659.88	40°10'26.8114"N	104°29'46.8657"W
Guttersen Y12-734 LP (200'FNL & 1599'FEL,SEC.12)	7320.59	6772.00	-403.14	633.42	3280624.52	1297688.19	40°08'46.2868"N	104°29'46.1245"W
DP 455 West Hardline(200'FNL&300'FEL,FWL)	N/A	6850.00	0.00	0.00	3279991.13	1298092.31	40°08'50.3412"N	104°29'54.2220"W

Survey Program					
Start MD (ft)	End MD (ft)	Tool	Model	Log Name/Comment	Wellbore
30.00	1950.00	OWSG MWD rev2	OWSG MWD rev2 (MS+IFR1)		Guttersen Y12-734 PWB
1950.00	17493.19	OWSG MWD rev2	OWSG MWD rev2 (MS+IFR1)		Guttersen Y12-734 PWB



BGGM (1900.0 to 2024.0) Dip: 66.38° Field: 51693.3 nT
 Magnetic North is 7.63 degrees East of True North (at 3/31/2023)
 Grid North is 0.65 degrees East of True North
 To correct azimuth from True to Grid subtract 0.65 degrees
 To correct azimuth from Magnetic to Grid add 6.98 degrees



Planned Wellpath Report

Guttersen Y12-734 (REV-B.1) PWP

Page 1 of 8



REFERENCE WELLPATH IDENTIFICATION

Operator	NOBLE ENERGY, INC	Well	Guttersen Y12-734
Field	WELD COUNTY (NOBLE NAD 83 GRID)	API/Legal	
Facility	SEC.12-T02N-R64W	Wellbore	Guttersen Y12-734 PWB
Slot	SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12)		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Guenaler
Scale	0.999958	Report Generated	2/12/2024 at 12:34:24 PM
Convergence at slot	0.65° East	Database	WA_Denver

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.90	112.38	3279991.13	1298092.31	40.1473170°	-104.4983950°
Facility Reference Pt			3279878.76	1298091.40	40.1473180°	-104.4987970°
Field Reference Pt			3000000.00	4454105.15	48.7761986°	-105.5000000°

WELLPATH DATUM

Calculation method	Minimum curvature	RIG (4866'GL+30'KB@4896'RKB) (RKB) to Facility Vertical Datum	4894.00ft
Horizontal Reference Pt	Slot	RIG (4866'GL+30'KB@4896'RKB) (RKB) to Mean Sea Level	4894.00ft
Vertical Reference Pt	RIG (4866'GL+30'KB@4896'RKB) (RKB)	RIG (4866'GL+30'KB@4896'RKB) (RKB) to Ground Level at Slot (SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12))	4894.00ft
MD Reference Pt	RIG (4866'GL+30'KB@4896'RKB) (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	2.70°



Planned Wellpath Report

Guttersen Y12-734 (REV-B.1) PWP
Page 2 of 8



REFERENCE WELLPATH IDENTIFICATION			
Operator	NOBLE ENERGY, INC	Well	Guttersen Y12-734
Field	WELD COUNTY (NOBLE NAD 83 GRID)	API/Legal	
Facility	SEC.12-T02N-R64W	Wellbore	Guttersen Y12-734 PWB
Slot	SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12)		

WELLPATH DATA (191 stations) † = interpolated, ‡ = extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	152.599	0.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
30.00	0.000	152.599	30.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	Tie On
130.00†	0.000	152.599	130.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
230.00†	0.000	152.599	230.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
330.00†	0.000	152.599	330.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
430.00†	0.000	152.599	430.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
530.00†	0.000	152.599	530.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
630.00†	0.000	152.599	630.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
730.00†	0.000	152.599	730.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
738.00†	0.000	152.599	738.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	Upper Pierre Aquifer Top
830.00†	0.000	152.599	830.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
930.00†	0.000	152.599	930.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
1030.00†	0.000	152.599	1030.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
1130.00†	0.000	152.599	1130.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
1230.00†	0.000	152.599	1230.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
1330.00†	0.000	152.599	1330.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
1430.00†	0.000	152.599	1430.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
1530.00†	0.000	152.599	1530.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
1630.00†	0.000	152.599	1630.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
1652.00†	0.000	152.599	1652.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	Upper Pierre Aquifer Base
1730.00†	0.000	152.599	1730.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
1830.00†	0.000	152.599	1830.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
1930.00†	0.000	152.599	1930.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	
2000.00	0.000	152.599	2000.00	0.00	0.00	0.00	40.1473170	-104.4983950	0.00	End of Tangent
2030.00†	0.600	152.599	2030.00	-0.14	-0.14	0.07	40.1473166	-104.4983947	2.00	
2130.00†	2.600	152.599	2129.96	-2.55	-2.62	1.36	40.1473098	-104.4983903	2.00	
2230.00†	4.600	152.599	2229.75	-7.98	-8.19	4.25	40.1472944	-104.4983801	2.00	
2330.00†	6.600	152.599	2329.27	-16.43	-16.86	8.74	40.1472705	-104.4983644	2.00	
2430.00†	8.600	152.599	2428.39	-27.87	-28.60	14.82	40.1472380	-104.4983431	2.00	
2530.00†	10.600	152.599	2526.98	-42.29	-43.40	22.50	40.1471972	-104.4983163	2.00	
2630.00†	12.600	152.599	2624.93	-59.69	-61.25	31.75	40.1471479	-104.4982839	2.00	
2730.00†	14.600	152.599	2722.13	-80.03	-82.13	42.57	40.1470903	-104.4982460	2.00	
2830.00†	16.600	152.599	2818.44	-103.29	-106.00	54.95	40.1470243	-104.4982027	2.00	
2902.99	18.060	152.599	2888.11	-122.10	-125.30	64.95	40.1469711	-104.4981677	2.00	Build (XS)
2930.00†	18.060	152.599	2913.79	-129.35	-132.74	68.81	40.1469505	-104.4981543	0.00	
3030.00†	18.060	152.599	3008.86	-156.17	-160.26	83.08	40.1468745	-104.4981043	0.00	
3130.00†	18.060	152.599	3103.94	-182.99	-187.78	97.34	40.1467985	-104.4980544	0.00	
3230.00†	18.060	152.599	3199.01	-209.81	-215.31	111.61	40.1467226	-104.4980045	0.00	
3330.00†	18.060	152.599	3294.08	-236.63	-242.83	125.88	40.1466466	-104.4979546	0.00	
3430.00†	18.060	152.599	3389.16	-263.45	-270.35	140.14	40.1465706	-104.4979047	0.00	
3530.00†	18.060	152.599	3484.23	-290.27	-297.87	154.41	40.1464946	-104.4978547	0.00	
3630.00†	18.060	152.599	3579.30	-317.09	-325.40	168.68	40.1464186	-104.4978048	0.00	
3730.00†	18.060	152.599	3674.38	-343.91	-352.92	182.95	40.1463426	-104.4977549	0.00	
3830.00†	18.060	152.599	3769.45	-370.73	-380.44	197.21	40.1462666	-104.4977050	0.00	
3930.00†	18.060	152.599	3864.52	-397.55	-407.96	211.48	40.1461906	-104.4976551	0.00	



Planned Wellpath Report

Guttersen Y12-734 (REV-B.1) PWP
Page 3 of 8



REFERENCE WELLPATH IDENTIFICATION			
Operator	NOBLE ENERGY, INC	Well	Guttersen Y12-734
Field	WELD COUNTY (NOBLE NAD 83 GRID)	API/Legal	
Facility	SEC.12-T02N-R64W	Wellbore	Guttersen Y12-734 PWB
Slot	SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL, SEC.12)		

WELLPATH DATA (191 stations) † = interpolated, ‡ = extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3954.69†	18.060	152.599	3888.00	-404.17	-414.76	215.00	40.1461719	-104.4976427	0.00	Parkman
4030.00†	18.060	152.599	3959.60	-424.37	-435.49	225.75	40.1461147	-104.4976052	0.00	
4130.00†	18.060	152.599	4054.67	-451.19	-463.01	240.01	40.1460387	-104.4975552	0.00	
4230.00†	18.060	152.599	4149.74	-478.01	-490.53	254.28	40.1459627	-104.4975053	0.00	
4330.00†	18.060	152.599	4244.82	-504.83	-518.06	268.55	40.1458867	-104.4974554	0.00	
4383.83†	18.060	152.599	4296.00	-519.27	-532.87	276.23	40.1458458	-104.4974285	0.00	Sussex
4430.00†	18.060	152.599	4339.89	-531.65	-545.58	282.82	40.1458107	-104.4974055	0.00	
4530.00†	18.060	152.599	4434.97	-558.47	-573.10	297.08	40.1457347	-104.4973556	0.00	
4630.00†	18.060	152.599	4530.04	-585.29	-600.62	311.35	40.1456587	-104.4973057	0.00	
4730.00†	18.060	152.599	4625.11	-612.11	-628.15	325.62	40.1455827	-104.4972557	0.00	
4830.00†	18.060	152.599	4720.19	-638.93	-655.67	339.88	40.1455067	-104.4972058	0.00	
4930.00†	18.060	152.599	4815.26	-665.75	-683.19	354.15	40.1454308	-104.4971559	0.00	
5030.00†	18.060	152.599	4910.33	-692.57	-710.71	368.42	40.1453548	-104.4971060	0.00	
5130.00†	18.060	152.599	5005.41	-719.39	-738.24	382.69	40.1452788	-104.4970561	0.00	
5141.14†	18.060	152.599	5016.00	-722.38	-741.30	384.28	40.1452703	-104.4970505	0.00	Shannon
5230.00†	18.060	152.599	5100.48	-746.21	-765.76	396.95	40.1452028	-104.4970062	0.00	
5330.00†	18.060	152.599	5195.55	-773.03	-793.28	411.22	40.1451268	-104.4969562	0.00	
5430.00†	18.060	152.599	5290.63	-799.85	-820.80	425.49	40.1450508	-104.4969063	0.00	
5530.00†	18.060	152.599	5385.70	-826.67	-848.33	439.76	40.1449748	-104.4968564	0.00	
5630.00†	18.060	152.599	5480.77	-853.49	-875.85	454.02	40.1448988	-104.4968065	0.00	
5730.00†	18.060	152.599	5575.85	-880.31	-903.37	468.29	40.1448229	-104.4967566	0.00	
5830.00†	18.060	152.599	5670.92	-907.13	-930.90	482.56	40.1447469	-104.4967067	0.00	
5930.00†	18.060	152.599	5765.99	-933.95	-958.42	496.82	40.1446709	-104.4966567	0.00	
6030.00†	18.060	152.599	5861.07	-960.77	-985.94	511.09	40.1445949	-104.4966068	0.00	
6130.00†	18.060	152.599	5956.14	-987.59	-1013.46	525.36	40.1445189	-104.4965569	0.00	
6141.51	18.060	152.599	5967.08	-990.67	-1016.63	527.00	40.1445101	-104.4965512	0.00	KOP
6230.00†	11.585	133.957	6052.63	-1008.43	-1035.01	539.73	40.1444593	-104.4965064	9.00	
6330.00†	8.301	83.153	6151.29	-1013.86	-1041.13	554.15	40.1444421	-104.4964550	9.00	
6407.79†	11.373	45.208	6228.00	-1007.27	-1035.05	565.19	40.1444584	-104.4964153	9.00	Teepee Buttes
6430.00†	12.825	38.635	6249.72	-1003.66	-1031.58	568.28	40.1444678	-104.4964041	9.00	
6530.00†	20.516	21.847	6345.50	-978.06	-1006.59	581.76	40.1445360	-104.4963549	9.00	
6630.00†	28.951	14.237	6436.27	-937.71	-966.79	594.26	40.1446449	-104.4963086	9.00	
6730.00†	37.632	9.877	6519.79	-883.60	-913.14	605.47	40.1447918	-104.4962663	9.00	
6830.00†	46.421	6.966	6594.01	-817.05	-846.97	615.12	40.1449731	-104.4962291	9.00	
6846.61†	47.886	6.566	6605.30	-804.90	-834.88	616.55	40.1450062	-104.4962235	9.00	Sharon Springs
6905.91†	53.130	5.276	6643.00	-759.23	-789.38	621.25	40.1451310	-104.4962049	9.00	Top A Chalk, Top A Marl
6930.00†	55.264	4.803	6657.09	-739.71	-769.92	622.97	40.1451844	-104.4961979	9.00	
6971.66†	58.958	4.038	6679.71	-704.75	-735.04	625.66	40.1452800	-104.4961869	9.00	Top B Chalk
7030.00†	64.138	3.062	6707.50	-653.48	-683.86	628.82	40.1454204	-104.4961735	9.00	
7065.20†	67.267	2.514	6721.98	-621.40	-651.82	630.38	40.1455083	-104.4961666	9.00	Top B Marl
7130.00†	73.030	1.566	6743.98	-560.48	-590.94	632.54	40.1456753	-104.4961565	9.00	
7230.00†	81.932	0.206	6765.63	-463.01	-493.43	634.03	40.1459429	-104.4961472	9.00	
7320.59	90.000	359.027	6772.00†	-372.85	-403.14	633.42	40.1461908	-104.4961457	9.00	LP/TPZ
7330.00†	90.000	359.027	6772.00	-363.46	-393.73	633.26	40.1462166	-104.4961459	0.00	
7430.00†	90.000	359.027	6772.00	-263.67	-293.75	631.56	40.1464911	-104.4961479	0.00	



Planned Wellpath Report

Guttersen Y12-734 (REV-B.1) PWP

Page 4 of 8



REFERENCE WELLPATH IDENTIFICATION

Operator	NOBLE ENERGY, INC	Well	Guttersen Y12-734
Field	WELD COUNTY (NOBLE NAD 83 GRID)	API/Legal	
Facility	SEC.12-T02N-R64W	Wellbore	Guttersen Y12-734 PWB
Slot	SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12)		

WELLPATH DATA (191 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
7530.00†	90.000	359.027	6772.00	-163.87	-193.76	629.86	40.1467656	-104.4961499	0.00	
7630.00†	90.000	359.027	6772.00	-64.08	-93.78	628.17	40.1470401	-104.4961520	0.00	
7730.00†	90.000	359.027	6772.00	35.72	6.21	626.47	40.1473146	-104.4961540	0.00	
7830.00†	90.000	359.027	6772.00	135.51	106.19	624.77	40.1475891	-104.4961560	0.00	
7930.00†	90.000	359.027	6772.00	235.31	206.18	623.07	40.1478636	-104.4961580	0.00	
8030.00†	90.000	359.027	6772.00	335.10	306.16	621.38	40.1481381	-104.4961601	0.00	
8130.00†	90.000	359.027	6772.00	434.90	406.15	619.68	40.1484126	-104.4961621	0.00	
8230.00†	90.000	359.027	6772.00	534.69	506.14	617.98	40.1486871	-104.4961641	0.00	
8330.00†	90.000	359.027	6772.00	634.48	606.12	616.28	40.1489616	-104.4961661	0.00	
8430.00†	90.000	359.027	6772.00	734.28	706.11	614.59	40.1492361	-104.4961681	0.00	
8530.00†	90.000	359.027	6772.00	834.07	806.09	612.89	40.1495106	-104.4961702	0.00	
8630.00†	90.000	359.027	6772.00	933.87	906.08	611.19	40.1497851	-104.4961722	0.00	
8730.00†	90.000	359.027	6772.00	1033.66	1006.06	609.49	40.1500596	-104.4961742	0.00	
8830.00†	90.000	359.027	6772.00	1133.46	1106.05	607.80	40.1503341	-104.4961762	0.00	
8930.00†	90.000	359.027	6772.00	1233.25	1206.03	606.10	40.1506086	-104.4961783	0.00	
9030.00†	90.000	359.027	6772.00	1333.05	1306.02	604.40	40.1508831	-104.4961803	0.00	
9130.00†	90.000	359.027	6772.00	1432.84	1406.01	602.70	40.1511576	-104.4961823	0.00	
9230.00†	90.000	359.027	6772.00	1532.64	1505.99	601.01	40.1514321	-104.4961843	0.00	
9330.00†	90.000	359.027	6772.00	1632.43	1605.98	599.31	40.1517066	-104.4961864	0.00	
9430.00†	90.000	359.027	6772.00	1732.23	1705.96	597.61	40.1519811	-104.4961884	0.00	
9530.00†	90.000	359.027	6772.00	1832.02	1805.95	595.91	40.1522555	-104.4961904	0.00	
9630.00†	90.000	359.027	6772.00	1931.81	1905.93	594.22	40.1525300	-104.4961924	0.00	
9730.00†	90.000	359.027	6772.00	2031.61	2005.92	592.52	40.1528045	-104.4961944	0.00	
9830.00†	90.000	359.027	6772.00	2131.40	2105.91	590.82	40.1530790	-104.4961965	0.00	
9930.00†	90.000	359.027	6772.00	2231.20	2205.89	589.12	40.1533535	-104.4961985	0.00	
10030.00†	90.000	359.027	6772.00	2330.99	2305.88	587.43	40.1536280	-104.4962005	0.00	
10130.00†	90.000	359.027	6772.00	2430.79	2405.86	585.73	40.1539025	-104.4962025	0.00	
10230.00†	90.000	359.027	6772.00	2530.58	2505.85	584.03	40.1541770	-104.4962046	0.00	
10330.00†	90.000	359.027	6772.00	2630.38	2605.83	582.33	40.1544515	-104.4962066	0.00	
10430.00†	90.000	359.027	6772.00	2730.17	2705.82	580.64	40.1547260	-104.4962086	0.00	
10530.00†	90.000	359.027	6772.00	2829.97	2805.80	578.94	40.1550005	-104.4962106	0.00	
10630.00†	90.000	359.027	6772.00	2929.76	2905.79	577.24	40.1552750	-104.4962127	0.00	
10730.00†	90.000	359.027	6772.00	3029.55	3005.78	575.54	40.1555495	-104.4962147	0.00	
10830.00†	90.000	359.027	6772.00	3129.35	3105.76	573.85	40.1558240	-104.4962167	0.00	
10930.00†	90.000	359.027	6772.00	3229.14	3205.75	572.15	40.1560985	-104.4962187	0.00	
11030.00†	90.000	359.027	6772.00	3328.94	3305.73	570.45	40.1563730	-104.4962208	0.00	
11130.00†	90.000	359.027	6772.00	3428.73	3405.72	568.75	40.1566475	-104.4962228	0.00	
11230.00†	90.000	359.027	6772.00	3528.53	3505.70	567.06	40.1569220	-104.4962248	0.00	
11330.00†	90.000	359.027	6772.00	3628.32	3605.69	565.36	40.1571965	-104.4962268	0.00	
11430.00†	90.000	359.027	6772.00	3728.12	3705.67	563.66	40.1574710	-104.4962288	0.00	
11530.00†	90.000	359.027	6772.00	3827.91	3805.66	561.96	40.1577455	-104.4962309	0.00	
11630.00†	90.000	359.027	6772.00	3927.71	3905.65	560.27	40.1580200	-104.4962329	0.00	
11730.00†	90.000	359.027	6772.00	4027.50	4005.63	558.57	40.1582945	-104.4962349	0.00	
11830.00†	90.000	359.027	6772.00	4127.29	4105.62	556.87	40.1585690	-104.4962369	0.00	
11930.00†	90.000	359.027	6772.00	4227.09	4205.60	555.17	40.1588435	-104.4962390	0.00	

REFERENCE WELLPATH IDENTIFICATION			
Operator	NOBLE ENERGY, INC	Well	Guttersen Y12-734
Field	WELD COUNTY (NOBLE NAD 83 GRID)	API/Legal	
Facility	SEC.12-T02N-R64W	Wellbore	Guttersen Y12-734 PWB
Slot	SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12)		

WELLPATH DATA (191 stations) † = interpolated, ‡ = extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
12030.00†	90.000	359.027	6772.00	4326.88	4305.59	553.48	40.1591180	-104.4962410	0.00	
12130.00†	90.000	359.027	6772.00	4426.68	4405.57	551.78	40.1593925	-104.4962430	0.00	
12230.00†	90.000	359.027	6772.00	4526.47	4505.56	550.08	40.1596670	-104.4962450	0.00	
12330.00†	90.000	359.027	6772.00	4626.27	4605.55	548.38	40.1599415	-104.4962471	0.00	
12430.00†	90.000	359.027	6772.00	4726.06	4705.53	546.69	40.1602160	-104.4962491	0.00	
12530.00†	90.000	359.027	6772.00	4825.86	4805.52	544.99	40.1604905	-104.4962511	0.00	
12630.00†	90.000	359.027	6772.00	4925.65	4905.50	543.29	40.1607650	-104.4962531	0.00	
12730.00†	90.000	359.027	6772.00	5025.45	5005.49	541.59	40.1610395	-104.4962552	0.00	
12830.00†	90.000	359.027	6772.00	5125.24	5105.47	539.90	40.1613140	-104.4962572	0.00	
12930.00†	90.000	359.027	6772.00	5225.04	5205.46	538.20	40.1615885	-104.4962592	0.00	
13030.00†	90.000	359.027	6772.00	5324.83	5305.44	536.50	40.1618629	-104.4962612	0.00	
13130.00†	90.000	359.027	6772.00	5424.62	5405.43	534.80	40.1621374	-104.4962633	0.00	
13230.00†	90.000	359.027	6772.00	5524.42	5505.42	533.11	40.1624119	-104.4962653	0.00	
13330.00†	90.000	359.027	6772.00	5624.21	5605.40	531.41	40.1626864	-104.4962673	0.00	
13430.00†	90.000	359.027	6772.00	5724.01	5705.39	529.71	40.1629609	-104.4962693	0.00	
13530.00†	90.000	359.027	6772.00	5823.80	5805.37	528.01	40.1632354	-104.4962713	0.00	
13630.00†	90.000	359.027	6772.00	5923.60	5905.36	526.32	40.1635099	-104.4962734	0.00	
13730.00†	90.000	359.027	6772.00	6023.39	6005.34	524.62	40.1637844	-104.4962754	0.00	
13830.00†	90.000	359.027	6772.00	6123.19	6105.33	522.92	40.1640589	-104.4962774	0.00	
13930.00†	90.000	359.027	6772.00	6222.98	6205.31	521.22	40.1643334	-104.4962794	0.00	
14030.00†	90.000	359.027	6772.00	6322.78	6305.30	519.53	40.1646079	-104.4962815	0.00	
14130.00†	90.000	359.027	6772.00	6422.57	6405.29	517.83	40.1648824	-104.4962835	0.00	
14230.00†	90.000	359.027	6772.00	6522.36	6505.27	516.13	40.1651569	-104.4962855	0.00	
14330.00†	90.000	359.027	6772.00	6622.16	6605.26	514.43	40.1654314	-104.4962875	0.00	
14430.00†	90.000	359.027	6772.00	6721.95	6705.24	512.73	40.1657059	-104.4962896	0.00	
14530.00†	90.000	359.027	6772.00	6821.75	6805.23	511.04	40.1659804	-104.4962916	0.00	
14630.00†	90.000	359.027	6772.00	6921.54	6905.21	509.34	40.1662549	-104.4962936	0.00	
14730.00†	90.000	359.027	6772.00	7021.34	7005.20	507.64	40.1665294	-104.4962956	0.00	
14830.00†	90.000	359.027	6772.00	7121.13	7105.18	505.94	40.1668039	-104.4962977	0.00	
14930.00†	90.000	359.027	6772.00	7220.93	7205.17	504.25	40.1670784	-104.4962997	0.00	
15030.00†	90.000	359.027	6772.00	7320.72	7305.16	502.55	40.1673529	-104.4963017	0.00	
15130.00†	90.000	359.027	6772.00	7420.52	7405.14	500.85	40.1676274	-104.4963037	0.00	
15230.00†	90.000	359.027	6772.00	7520.31	7505.13	499.15	40.1679019	-104.4963058	0.00	
15330.00†	90.000	359.027	6772.00	7620.10	7605.11	497.46	40.1681764	-104.4963078	0.00	
15430.00†	90.000	359.027	6772.00	7719.90	7705.10	495.76	40.1684509	-104.4963098	0.00	
15530.00†	90.000	359.027	6772.00	7819.69	7805.08	494.06	40.1687254	-104.4963118	0.00	
15630.00†	90.000	359.027	6772.00	7919.49	7905.07	492.36	40.1689999	-104.4963139	0.00	
15730.00†	90.000	359.027	6772.00	8019.28	8005.06	490.67	40.1692744	-104.4963159	0.00	
15830.00†	90.000	359.027	6772.00	8119.08	8105.04	488.97	40.1695489	-104.4963179	0.00	
15930.00†	90.000	359.027	6772.00	8218.87	8205.03	487.27	40.1698234	-104.4963199	0.00	
16030.00†	90.000	359.027	6772.00	8318.67	8305.01	485.57	40.1700979	-104.4963220	0.00	
16130.00†	90.000	359.027	6772.00	8418.46	8405.00	483.88	40.1703724	-104.4963240	0.00	
16230.00†	90.000	359.027	6772.00	8518.26	8504.98	482.18	40.1706468	-104.4963260	0.00	
16330.00†	90.000	359.027	6772.00	8618.05	8604.97	480.48	40.1709213	-104.4963280	0.00	
16430.00†	90.000	359.027	6772.00	8717.85	8704.95	478.78	40.1711958	-104.4963300	0.00	

REFERENCE WELLPATH IDENTIFICATION			
Operator	NOBLE ENERGY, INC	Well	Guttersen Y12-734
Field	WELD COUNTY (NOBLE NAD 83 GRID)	API/Legal	
Facility	SEC.12-T02N-R64W	Wellbore	Guttersen Y12-734 PWB
Slot	SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12)		

WELLPATH DATA (191 stations) † = interpolated, ‡ = extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
16530.00†	90.000	359.027	6772.00	8817.64	8804.94	477.09	40.1714703	-104.4963321	0.00	
16630.00†	90.000	359.027	6772.00	8917.43	8904.93	475.39	40.1717448	-104.4963341	0.00	
16730.00†	90.000	359.027	6772.00	9017.23	9004.91	473.69	40.1720193	-104.4963361	0.00	
16830.00†	90.000	359.027	6772.00	9117.02	9104.90	471.99	40.1722938	-104.4963381	0.00	
16930.00†	90.000	359.027	6772.00	9216.82	9204.88	470.30	40.1725683	-104.4963402	0.00	
17030.00†	90.000	359.027	6772.00	9316.61	9304.87	468.60	40.1728428	-104.4963422	0.00	
17130.00†	90.000	359.027	6772.00	9416.41	9404.85	466.90	40.1731173	-104.4963442	0.00	
17230.00†	90.000	359.027	6772.00	9516.20	9504.84	465.20	40.1733918	-104.4963462	0.00	
17330.00†	90.000	359.027	6772.00	9616.00	9604.82	463.51	40.1736663	-104.4963483	0.00	
17430.00†	90.000	359.027	6772.00	9715.79	9704.81	461.81	40.1739408	-104.4963503	0.00	
17493.19	90.000	359.027	6772.00 [‡]	9778.85	9767.99	460.74	40.1741143	-104.4963516	0.00	BHL

HOLE & CASING SECTIONS - Ref Wellbore: Guttersen Y12-734 PWB Ref Wellpath: Guttersen Y12-734 (REV-B.1) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	30.00	1950.00	1920.00	30.00	1950.00	0.00	0.00	0.00	0.00
8.5in Open Hole	1950.00	17495.00	15545.00	1950.00	N/A	0.00	0.00	N/A	N/A

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
DP 455 Sec.01-T2N-R64W	N/A	-2.00	-0.90	-112.38	3279878.76	1298091.40	40.1473180	-104.4987970	polygon
2D Polygon: dimensions not calculated									
DP 455 Sec.12-T2N-R64W	N/A	-2.00	-0.90	-112.38	3279878.76	1298091.40	40.1473180	-104.4987970	polygon
2D Polygon: dimensions not calculated									
2) Guttersen Y12-734 BHL (200'FNL & 1607'FEL,SEC.01)	17493.19	6772.00	9767.99	460.74	3280451.85	1307859.88	40.1741143	-104.4963516	point
Guttersen Y12-734 BPZ (200'FNL & 1607'FEL,SEC.01)	N/A	6772.00	9767.99	460.74	3280451.85	1307859.88	40.1741143	-104.4963516	point
1) Guttersen Y12-734 LP (200'FSL & 1599'FEL,SEC.12)	7320.59	6772.00	-403.14	633.42	3280624.52	1297689.19	40.1461908	-104.4961457	point
DP 455 West Hardline(200'FNL/FSL&300'FEL/FWL)	N/A	6850.00	0.00	0.00	3279991.13	1298092.31	40.1473170	-104.4983950	polygon
2D Polygon: dimensions not calculated									



Planned Wellpath Report

Guttersen Y12-734 (REV-B.1) PWP

Page 7 of 8



REFERENCE WELLPATH IDENTIFICATION			
Operator	NOBLE ENERGY, INC	Well	Guttersen Y12-734
Field	WELD COUNTY (NOBLE NAD 83 GRID)	API/Legal	
Facility	SEC.12-T02N-R64W	Wellbore	Guttersen Y12-734 PWB
Slot	SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL, SEC.12)		

SURVEY PROGRAM - Ref Wellbore: Guttersen Y12-734 PWB Ref Wellpath: Guttersen Y12-734 (REV-B.1) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
30.00	1950.00	OWSG MWD rev2 (MS+IFR1)		Guttersen Y12-734 PWB
1950.00	17493.19	OWSG MWD rev2 (MS+IFR1)		Guttersen Y12-734 PWB

REFERENCE WELLPATH IDENTIFICATION			
Operator	NOBLE ENERGY, INC	Well	Guttersen Y12-734
Field	WELD COUNTY (NOBLE NAD 83 GRID)	API/Legal	
Facility	SEC.12-T02N-R64W	Wellbore	Guttersen Y12-734 PWB
Slot	SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12)		

WELLPATH COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
738.00	0.000	152.599	738.00	Upper Pierre Aquifer Top
1652.00	0.000	152.599	1652.00	Upper Pierre Aquifer Base
3954.69	18.060	152.599	3888.00	Parkman
4383.83	18.060	152.599	4296.00	Sussex
5141.14	18.060	152.599	5016.00	Shannon
6407.79	11.373	45.208	6228.00	Teepee Buttes
6846.61	47.886	6.566	6605.30	Sharon Springs
6905.91	53.130	5.276	6643.00	Top A Chalk, Top A Marl
6971.66	58.958	4.038	6679.71	Top B Chalk
7065.20	67.267	2.514	6721.98	Top B Marl

DESIGN COMMENTS				
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
30.00	0.000	152.599	30.00	Tie On
2000.00	0.000	152.599	2000.00	End of Tangent
2902.99	18.060	152.599	2888.11	Build (XS)
6141.51	18.060	152.599	5967.08	KOP
7320.59	90.000	359.027	6772.00	LP/TPZ
17493.19	90.000	359.027	6772.00	BHL



Closest Approach Clearance Summary Report

Guttersen Y12-734 (REV-B.1) PWP - SPE WPTS Stop Drilling HSE Risk (2017)
Page 1 of 3



REFERENCE WELLPATH IDENTIFICATION			
Operator	NOBLE ENERGY, INC	Well	Guttersen Y12-734
Field	WELD COUNTY (NOBLE NAD 83 GRID)	API/Legal	
Facility	SEC.12-T02N-R64W	Wellbore	Guttersen Y12-734 PWB
Slot	SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12)		

REPORT SETUP INFORMATION			
Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Guenaler
Scale	0.999958	Report Generated	2/12/2024 at 10:39:36 AM
Convergence at slot	0.65° East	Database	WA_Denver

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.90	112.38	3279991.13	1298092.31	40°08'50.3412"N	104°29'54.2220"W
Facility Reference Pt			3279878.76	1298091.40	40°08'50.3448"N	104°29'55.6692"W
Field Reference Pt			3000000.00	4454105.15	48°46'34.3150"N	105°30'0.0000"W

WELLPATH DATUM			
Calculation method	Minimum Curvature	RIG (4866'GL+30'KB@4896'RKB) (RKB) to Facility Vertical Datum	4894.00ft
Horizontal Reference Pt	Slot	RIG (4866'GL+30'KB@4896'RKB) (RKB) to Mean Sea Level	4894.00ft
Vertical Reference Pt	RIG (4866'GL+30'KB@4896'RKB) (RKB)	RIG (4866'GL+30'KB@4896'RKB) (RKB) to Ground Level at Slot (SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12))	4894.00ft
MD Reference Pt	RIG (4866'GL+30'KB@4896'RKB) (RKB)		
Field Vertical Reference	Mean Sea Level		

POSITIONAL UNCERTAINTY CALCULATION SETTINGS					
Ellipse Confidence Limit	3.50 Std Dev	Ellipse Start MD	30.00ft	Surface Position Uncertainty	included
Declination	7.63° East of TN	Dip Angle	66.38°	Mag Field Strength	51693 nT
Slot Surface Uncertainty @1SD		Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft	Vertical	3.000ft
Positional Uncertainty values in the WELLPATH DATA table are the projection of the ellipsoid of uncertainty onto the vertical and horizontal planes					



Closest Approach Clearance Summary Report

Guttersen Y12-734 (REV-B.1) PWP - SPE WPTS Stop Drilling HSE Risk (2017)



REFERENCE WELLPATH IDENTIFICATION			
Operator	NOBLE ENERGY, INC	Well	Guttersen Y12-734
Field	WELD COUNTY (NOBLE NAD 83 GRID)	API/Legal	
Facility	SEC.12-T02N-R64W	Wellbore	Guttersen Y12-734 PWB
Slot	SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL, SEC.12)		

PROXIMITY-SCAN RULE			
Rule Name	SPE WPTS Stop Drilling HSE Risk (2017)	Rule Based On	Ratio
Plane of Rule	Closest Approach	Threshold Value	1.00
Include Casing & Hole Size	yes	Apply Cone of Safety	no

HOLE & CASING SECTIONS - Ref Wellbore: Guttersen Y12-734 PWB Ref Wellpath: Guttersen Y12-734 (REV-B.1) PWP									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.625in Casing Surface	30.00	1950.00	1920.00	30.00	1950.00	0.00	0.00	0.00	0.00
8.5in Open Hole	1950.00	17495.00	15545.00	1950.00	N/A	0.00	0.00	N/A	N/A

SURVEY PROGRAM - Ref Wellbore: Guttersen Y12-734 PWB Ref Wellpath: Guttersen Y12-734 (REV-B.1) PWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
30.00	1950.00	OWSG MWD rev2 (MS+IFR1)		Guttersen Y12-734 PWB
1950.00	17493.19	OWSG MWD rev2 (MS+IFR1)		Guttersen Y12-734 PWB

REFERENCE WELLPATH IDENTIFICATION			
Operator	NOBLE ENERGY, INC	Well	Guttersen Y12-734
Field	WELD COUNTY (NOBLE NAD 83 GRID)	API/Legal	
Facility	SEC.12-T02N-R64W	Wellbore	Guttersen Y12-734 PWB
Slot	SLOT#06 Guttersen Y12-734 (610'FSL & 2226'FEL,SEC.12)		

CALCULATION RANGE & CUTOFF		
From: 30.00ft MD	To: 17493.19ft MD	C-C Cutoff: (none)

OFFSET WELL CLEARANCE SUMMARY (15 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane												
Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	Wellbore Status	C-C Clearance Distance			Rule Separation Ratio			
						Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	Rule Status
SEC.12-T02N-R64W	SLOT#05 Guttersen Y12-744 (610'FSL & 2248'FEL,SEC.12)	Guttersen Y12-744	Guttersen Y12-744 PWB	Guttersen Y12-744 (REV-B.1) PWP	Planned	30.00	22.36	17493.19	2001.31	1.14	17493.19	PASS
SEC.12-T02N-R64W	SLOT#07 Guttersen Y12-725 (610'FSL & 2203'FEL,SEC.12)	Guttersen Y12-725	Guttersen Y12-725 PWB	Guttersen Y12-725 (REV-B.1) PWP	Planned	30.00	22.64	17493.19	2002.30	1.16	17493.19	PASS
SEC.12-T02N-R64W	SLOT#08 Guttersen Y12-715 (610'FSL & 2181'FEL,SEC.12)	Guttersen Y12-715	Guttersen Y12-715 PWB	Guttersen Y12-715 (REV-B.1) PWP	Planned	30.00	45.01	17493.19	2003.19	2.39	17493.19	PASS
SEC.12-T02N-R64W	SLOT#04 Guttersen Y12-754 (610'FSL & 2271'FEL,SEC.12)	Guttersen Y12-754	Guttersen Y12-754 PWB	Guttersen Y12-754 (REV-B.1) PWP	Planned	30.00	45.01	17493.19	2001.36	2.39	17493.19	PASS
SEC.12-T02N-R64W	SLOT#03 Guttersen Y12-763 (610'FSL & 2293'FEL,SEC.12)	Guttersen Y12-763	Guttersen Y12-763 PWB	Guttersen Y12-763 (REV-B.1) PWP	Planned	30.00	67.38	17493.19	2001.59	3.63	17493.19	PASS
SEC.25-T03N-R64W	SLOT#27 GUTTERSEN STATE D36-743 (1729'FNL & 1206'FEL,SEC.25)	GUTTERSEN STATE D36-743 (05-123-48638)	GUTTERSEN STATE D36-743 AWB	GUTTERSEN STATE D36-743 AWP	Drilling	17493.19	659.85	17493.19	17493.19	3.78	17493.19	PASS
SEC.25-T03N-R64W	SLOT#25 GUTTERSEN STATE D36-724 (1730'FNL & 1131'FEL,SEC.25)	GUTTERSEN STATE D36-724 (05-123-48633)	GUTTERSEN STATE D36-724 AWB	GUTTERSEN STATE D36-724 AWP	Drilling	17493.19	821.07	17493.19	17493.19	4.50	17493.19	PASS
SEC.25-T03N-R64W	SLOT#26 GUTTERSEN STATE D36-733 (1729'FNL & 1169'FEL,SEC.25)	GUTTERSEN STATE D36-733 (05-123-48639)	GUTTERSEN STATE D36-733 AWB	GUTTERSEN STATE D36-733 AWP	Drilling	17493.19	418.02	17493.19	17493.19	4.68	17493.19	PASS
SEC.12-T02N-R64W	SLOT#02 Guttersen Y12-773 (610'FSL & 2316'FEL,SEC.12)	Guttersen Y12-773	Guttersen Y12-773 PWB	Guttersen Y12-773 (REV-B.1) PWP	Planned	30.00	90.02	17493.19	2048.73	4.81	17493.19	PASS
SEC.12-T02N-R64W	SLOT#01 Guttersen Y12-782 (610'FSL & 2338'FEL,SEC.12)	Guttersen Y12-782	Guttersen Y12-782 PWB	Guttersen Y12-782 (REV-B.1) PWP	Planned	30.00	112.38	17493.19	2002.93	6.11	17493.19	PASS
SEC.25-T03N-R64W	SLOT#28 GUTTERSEN STATE D36-752 (1322'FNL & 2088'FWL,SEC.25)	GUTTERSEN STATE D36-752 (05-123-48625)	GUTTERSEN STATE D36-752 AWB	GUTTERSEN STATE D36-752 AWP	Drilling	17493.19	1240.51	17493.19	17493.19	6.23	17493.19	PASS
SEC.25-T03N-R64W	SLOT#24 GUTTERSEN STATE D36-714 (1730'FNL & 1094'FEL,SEC.25)	GUTTERSEN STATE D36-714 (05-123-48842)	GUTTERSEN STATE D36-714 AWB	GUTTERSEN STATE D36-714 AWP	Drilling	17493.19	1401.77	17493.19	17493.19	7.08	17493.19	PASS
SEC.25-T03N-R64W	SLOT#29 GUTTERSEN STATE D36-762 (1295'FNL & 2062'FWL,SEC.25)	GUTTERSEN STATE D36-762 (05-123-48632)	GUTTERSEN STATE D36-762 AWB	GUTTERSEN STATE D36-762 AWP	Drilling	17493.19	1779.35	17493.19	17493.19	8.67	17493.19	PASS
SEC.25-T03N-R64W	SLOT#30 GUTTERSEN STATE D36-771 (1268'FNL & 2035'FWL,SEC.25)	GUTTERSEN STATE D36-771 (05-123-48629)	GUTTERSEN STATE D36-771 AWB	GUTTERSEN STATE D36-771 AWP	Drilling	17493.19	2446.75	17493.19	17493.19	11.79	17493.19	PASS
SEC.25-T03N-R64W	SLOT#31 GUTTERSEN STATE D36-781 (1242'FNL & 2009'FWL,SEC.25)	GUTTERSEN STATE D36-781 (05-123-48626)	GUTTERSEN STATE D36-781 AWB	GUTTERSEN STATE D36-781 AWP	Drilling	17493.19	3048.02	17493.19	17493.19	14.61	17493.19	PASS