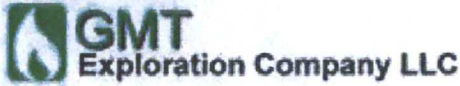


HOBBS OGD
AUG 29 2016
RECEIVED



Briard 22 Federal State Com 2H
Lea Co, NM

Plan Data for Briard 22 Federal State Com 2H

Plan Point Information:										
DogLeg Severity Unit: °/100.00ft				Position offsets from Slot centre						
MD	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS	
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)	
0.00	0.00	0.00	0.00	0.00	0.00	467930.30	810929.10	0.00	0.00	
10827.04	0.00	0.00	10827.04	0.00	0.00	467930.30	810929.10	0.00	0.00	
11727.04	90.00	359.49	11400.00	572.94	-5.12	468503.24	810923.98	572.96	10.00	
15905.97	90.00	359.49	11400.00	4751.70	-42.50	472682.00	810886.60	4751.89	0.00	

Plan Data for Briard 22 Federal State Com 2H

Slot: Briard 22 Federal State Com 2H
Position:
Offset is from Site centre
+N/-S: 0.00USft Northing: 467930.30USft Latitude: 32°17'0.2"
+E/-W: 0.00USft Easting: 810929.10USft Longitude: -103°27'39.5"
Elevation Above VRD: 3453.00USft

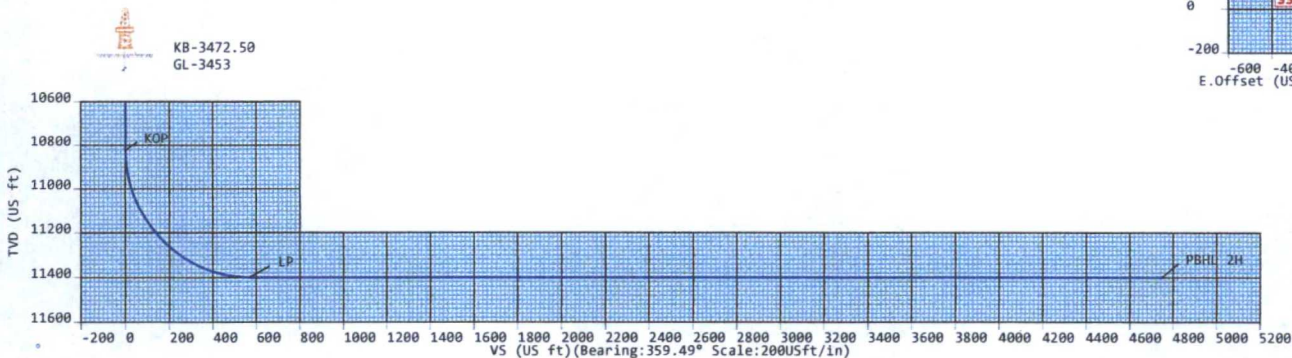
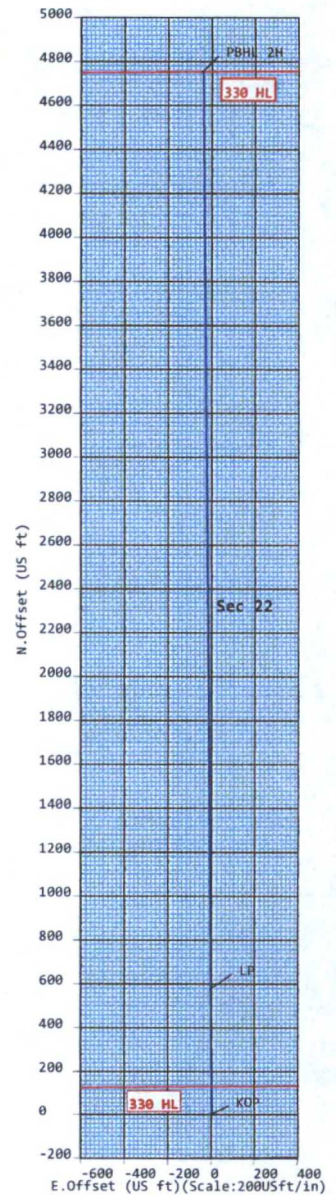
Plan Data for Briard 22 Federal State Com 2H

Target Set Information:
Name: Briard 22 Federal State Com 2H
Position offsets from Slot centre
Name TVD +N/-S +E/-W Northing Easting Shape Comment
(USft) (USft) (USft) (USft) (USft)
PBHL 2H 11400.00 4751.70 -42.50 472682.00 810886.60 Cuboid

Plan Data for Briard 22 Federal State Com 2H

Well: Briard 22 Federal State Com 2H
Type: Main-Well
File Number:
Plan Folder: P1 Plan: P1.V1
Vertical Section: Position offset of origin from Slot centre:
+N/-S: 0.00USft Azimuth: 359.49°
+E/-W: 0.00USft
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
BGGM 48255(nT) 7.16° 60.22° 2015-10-30

Briard 22 Federal State Com 2H



KB-3472.50
GL-3453

Sign Off: Russell Joyner

5D Plan Report

GMT Exploration Co., LLC**Field Name:** *Lea Co., New Mexico (NAD 83 NME)***Site Name:** *Briard 22 Federal State Com 2H***Well Name:** *Briard 22 Federal State Com 2H***Plan:** *P1:V1*

28 May 2015



Briard 22 Federal State Com 2H

Field Name Lea Co., New Mexico (NAD 83 NME)	Map Units : US ft		Company Name : GMT Exploration Co., LLC	
	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : NAD83 / New Mexico East (ftUS)			
	Comment :			
Site Name Briard 22 Federal State Com 2H	Units : US ft	North Reference : Grid	Convergence Angle : 0.47	
	Position	Northing : 467930.30 US ft	Latitude : 32° 17' 0.24"	
		Easting : 810929.10 US ft	Longitude : -103° 27' 39.49"	
	Elevation above Mean Sea Level:3453.00 US ft			
Comment :				
Slot Name Briard 22 Federal State Com 2H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing :467930.30 US ft	Latitude : 32°17'0.24"	
	+E / -W : 0.00 US ft	Easting :810929.10 US ft	Longitude : -103°27'39.49"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3453.00 US ft				
Comment :				
Well Name Briard 22 Federal State Com 2H	Type : Main well		UWI :	Plan : P1:V1
	Rig Height <i>Kelly Bushing</i> : 19.50 US ft		Comment :	
	Relative to Mean Sea Level: 3472.50 US ft			
	Closure Distance : 4751.89 US ft		Closure Azimuth : 359.488°	
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az :359.49°
	Magnetic Parameters			
	Model : BGGM	Field Strength : 48255.9nT	Dec : 7.16°	Dip : 60.22°

Target Set

Name : Briard 22 Federal State Com 2H **Number of Targets :** 1

Comment :

Target Name: PBHL 2H Shape: Cuboid	Position (Relative to Slot centre)		
	+N / -S : 4751.70US ft	Northing : 472682.00 US ft	Latitude : 32°17'47.26"
	+E / -W : -42.50 US ft	Easting : 810886.60US ft	Longitude : -103°27'39.54"
TVD (Kelly Bushing) : 11400.00 US ft			
Orientation Azimuth : 0.00° Inclination : 0.00°			
Dimensions Length : 0.00 US ft Breadth : 0.00 US ft Height : 0.00 US ft			

Well path created using minimum curvature

5D Plan Report

Salient Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	B.Rate (°/100 US ft)	T.Rate (°/100 US ft)	T.Face (°)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10827.04	0.00	0.00	10827.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
11727.04	90.00	359.49	11400.00	572.94	-5.12	572.96	10.00	10.00	0.00	359.49	LP
15905.97	90.00	359.49	11400.00	4751.70	-42.50	4751.89	0.00	0.00	0.00	0.00	PBHL 2H

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)		Comment
10800.00	0.00	0.00	10800.00	0.00	0.00	0.00	0.00	467930.30	810929.10		
10827.04	0.00	0.00	10827.04	0.00	0.00	0.00	0.00	467930.30	810929.10		KOP
10900.00	7.30	359.49	10899.80	4.64	-0.04	4.64	10.00	467934.94	810929.06		
11000.00	17.30	359.49	10997.39	25.91	-0.23	25.91	10.00	467956.21	810928.87		
11100.00	27.30	359.49	11089.79	63.80	-0.57	63.80	10.00	467994.10	810928.53		
11200.00	37.30	359.49	11174.21	117.16	-1.05	117.16	10.00	468047.46	810928.05		
11300.00	47.30	359.49	11248.09	184.36	-1.65	184.37	10.00	468114.66	810927.45		
11400.00	57.30	359.49	11309.17	263.38	-2.36	263.39	10.00	468193.68	810926.74		
11500.00	67.30	359.49	11355.60	351.80	-3.15	351.81	10.00	468282.10	810925.95		
11600.00	77.30	359.49	11385.97	446.94	-4.00	446.96	10.00	468377.24	810925.10		
11700.00	87.30	359.49	11399.36	545.91	-4.88	545.93	10.00	468476.21	810924.22		
11727.04	90.00	359.49	11400.00	572.94	-5.12	572.96	10.00	468503.24	810923.98		LP
11800.00	90.00	359.49	11400.00	645.89	-5.78	645.92	0.00	468576.19	810923.32		
11900.00	90.00	359.49	11400.00	745.89	-6.67	745.92	0.00	468676.19	810922.43		
12000.00	90.00	359.49	11400.00	845.88	-7.57	845.92	0.00	468776.18	810921.53		
12100.00	90.00	359.49	11400.00	945.88	-8.46	945.92	0.00	468876.18	810920.64		
12200.00	90.00	359.49	11400.00	1045.88	-9.35	1045.92	0.00	468976.18	810919.75		
12300.00	90.00	359.49	11400.00	1145.87	-10.25	1145.92	0.00	469076.17	810918.85		
12400.00	90.00	359.49	11400.00	1245.87	-11.14	1245.92	0.00	469176.17	810917.96		
12500.00	90.00	359.49	11400.00	1345.86	-12.04	1345.92	0.00	469276.16	810917.06		
12600.00	90.00	359.49	11400.00	1445.86	-12.93	1445.92	0.00	469376.16	810916.17		
12700.00	90.00	359.49	11400.00	1545.86	-13.83	1545.92	0.00	469476.16	810915.27		
12800.00	90.00	359.49	11400.00	1645.85	-14.72	1645.92	0.00	469576.15	810914.38		
12900.00	90.00	359.49	11400.00	1745.85	-15.62	1745.92	0.00	469676.15	810913.48		
13000.00	90.00	359.49	11400.00	1845.84	-16.51	1845.92	0.00	469776.14	810912.59		
13100.00	90.00	359.49	11400.00	1945.84	-17.40	1945.92	0.00	469876.14	810911.70		
13200.00	90.00	359.49	11400.00	2045.84	-18.30	2045.92	0.00	469976.14	810910.80		
13300.00	90.00	359.49	11400.00	2145.83	-19.19	2145.92	0.00	470076.13	810909.91		
13400.00	90.00	359.49	11400.00	2245.83	-20.09	2245.92	0.00	470176.13	810909.01		
13500.00	90.00	359.49	11400.00	2345.82	-20.98	2345.92	0.00	470276.12	810908.12		
13600.00	90.00	359.49	11400.00	2445.82	-21.88	2445.92	0.00	470376.12	810907.22		
13700.00	90.00	359.49	11400.00	2545.82	-22.77	2545.92	0.00	470476.12	810906.33		
13800.00	90.00	359.49	11400.00	2645.81	-23.66	2645.92	0.00	470576.11	810905.44		
13900.00	90.00	359.49	11400.00	2745.81	-24.56	2745.92	0.00	470676.11	810904.54		
14000.00	90.00	359.49	11400.00	2845.80	-25.45	2845.92	0.00	470776.10	810903.65		
14100.00	90.00	359.49	11400.00	2945.80	-26.35	2945.92	0.00	470876.10	810902.75		
14200.00	90.00	359.49	11400.00	3045.80	-27.24	3045.92	0.00	470976.10	810901.86		
14300.00	90.00	359.49	11400.00	3145.79	-28.14	3145.92	0.00	471076.09	810900.96		
14400.00	90.00	359.49	11400.00	3245.79	-29.03	3245.92	0.00	471176.09	810900.07		
14500.00	90.00	359.49	11400.00	3345.78	-29.93	3345.92	0.00	471276.08	810899.17		
14600.00	90.00	359.49	11400.00	3445.78	-30.82	3445.92	0.00	471376.08	810898.28		
14700.00	90.00	359.49	11400.00	3545.78	-31.71	3545.92	0.00	471476.08	810897.39		
14800.00	90.00	359.49	11400.00	3645.77	-32.61	3645.92	0.00	471576.07	810896.49		
14900.00	90.00	359.49	11400.00	3745.77	-33.50	3745.92	0.00	471676.07	810895.60		
15000.00	90.00	359.49	11400.00	3845.76	-34.40	3845.92	0.00	471776.06	810894.70		
15100.00	90.00	359.49	11400.00	3945.76	-35.29	3945.92	0.00	471876.06	810893.81		
15200.00	90.00	359.49	11400.00	4045.76	-36.19	4045.92	0.00	471976.06	810892.91		
15300.00	90.00	359.49	11400.00	4145.75	-37.08	4145.92	0.00	472076.05	810892.02		
15400.00	90.00	359.49	11400.00	4245.75	-37.97	4245.92	0.00	472176.05	810891.13		
15500.00	90.00	359.49	11400.00	4345.74	-38.87	4345.92	0.00	472276.04	810890.23		
15600.00	90.00	359.49	11400.00	4445.74	-39.76	4445.92	0.00	472376.04	810889.34		

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
15700.00	90.00	359.49	11400.00	4545.74	-40.66	4545.92	0.00	472476.04	810888.44	
15800.00	90.00	359.49	11400.00	4645.73	-41.55	4645.92	0.00	472576.03	810887.55	
15900.00	90.00	359.49	11400.00	4745.73	-42.45	4745.92	0.00	472676.03	810886.65	
15905.97	90.00	359.49	11400.00	4751.70	-42.50	4751.89	0.00	472682.00	810886.60	PBHL 2H

**Weatherford**

Weatherford Drilling Services

GeoDec4 v2.1.0.0

Report Date: May 28, 2015
Job Number: _____
Customer: GMT Exploration Company, LLC
Well Name: Briard 22 Federal State Com 2H
API Number: _____
Rig Name: _____
Location: Lea Co, NM Nad83 NME
Block: _____
Engineer: RWJ

NAD83 / New Mexico East (ftUS)	NAD83 (1986)
Projected Coordinate System	Geodetic Coordinate System
Datum: North American Datum 1983 (1986)	Datum: North American Datum 1983 (1986)
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
EPSG: 2257	EPSG: 4269
North: 467930.30 US Survey Foot	Latitude: 32.283401 Degree
East: 810929.10 US Survey Foot	Longitude: -103.46097 Degree
Convergence: 0.47°	
Declination: 7.16°	
Total Correction: 6.69°	
Datum Transformation: none	

Geodetic Location WGS84

MSL Elevation = 0 m
Latitude = 32° 17' 00.24" N
Longitude = 103° 27' 39.49" W

Magnetic Declination = 7.16 deg	[True North Offset]
Local Gravity = .9988 g	Checksum = 6608
Local Field Strength = 48256 nT	Magnetic Vector X = 23783 nT
Magnetic Dip = 60.22 deg	Magnetic Vector Y = 2989 nT
Magnetic Model = bggm2015.dat	Magnetic Vector Z = 41882 nT
Run Date = October 30, 2015	Magnetic Vector H = 23970 nT

Signed: _____ Date: _____

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Briard 22 Federal State Com 2H
Lea Co, NM

Plan Data for Briard 22 Federal State Com 2H

Plan Point Information:											
Dogleg Severity Unit: °/100.00ft			Position offsets from Slot centre								
MD	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS		
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)		
0.00	0.00	0.00	0.00	0.00	0.00	467930.30	810929.10	0.00	0.00		
10827.04	0.00	0.00	10827.04	0.00	0.00	467930.30	810929.10	0.00	0.00		
11727.04	90.00	359.49	11400.00	572.94	-5.12	468503.24	810923.98	572.96	10.00		
15905.97	90.00	359.49	11400.00	4751.70	-42.50	472682.00	810886.60	4751.89	0.00		

Plan Data for Briard 22 Federal State Com 2H

Slot: Briard 22 Federal State Com 2H
Position:

Offset is from Site centre

+N/-S: 0.00USft Northing: 467930.30USft Latitude: 32°17'0.2"
+E/-W: 0.00USft Easting: 810929.10USft Longitude: -103°27'39.5"
Elevation Above VRD: 3453.00USft

Plan Data for Briard 22 Federal State Com 2H

Target Set Information:

Name: Briard 22 Federal State Com 2H

Position offsets from Slot centre

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	Comment
PBHL 2H	11400.00	4751.70	-42.50	472682.00	810886.60	Cuboid	

Plan Data for Briard 22 Federal State Com 2H

Well: Briard 22 Federal State Com 2H
Type: Main-Well
File Number:

Plan Folder: P1 Plan: P1-V1

Vertical Section: Position offset of origin from Slot centre:
+N/-S: 0.00USft Azimuth: 359.49°

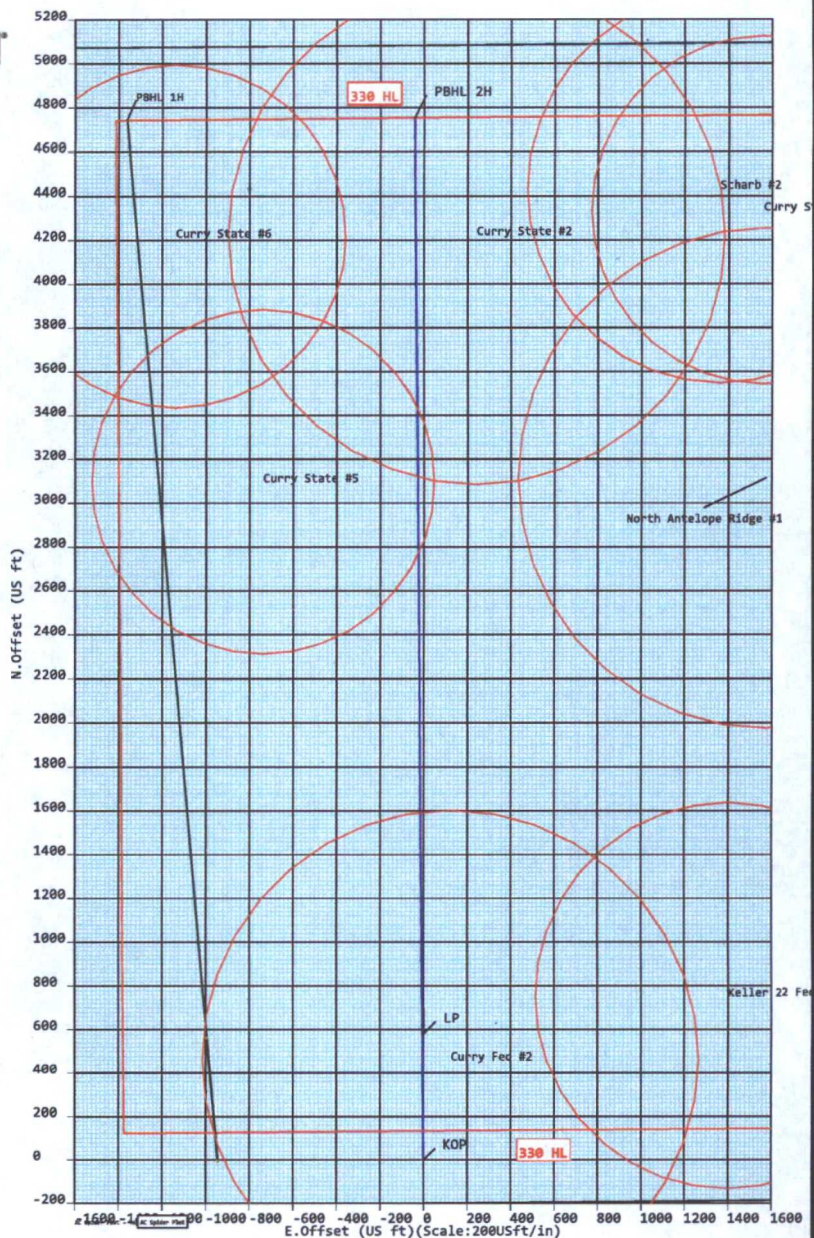
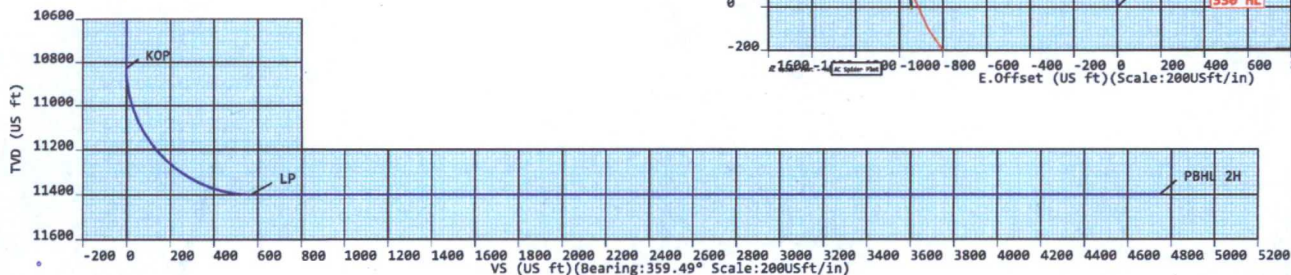
+E/-W: 0.00USft

Magnetic Parameters:

Model: Field Strength: Declination: Dip: Date:
BGGM 48255(NT) 7.16° 60.22° 2015-10-30



KB-3472.50
GL-3453



Sign Off: Russell Joyner

5D Plan Report**GMT Exploration Co., LLC****Field Name:** *Lea Co., New Mexico (NAD 83 NME)***Site Name:** *Briard 22 Federal State Com 2H***Well Name:** *Briard 22 Federal State Com 2H***Plan:** *P1:V1*

28 May 2015



Briard 22 Federal State Com 2H

Field Name Lea Co., New Mexico (NAD 83 NME)	Map Units : US ft		Company Name : GMT Exploration Co., LLC	
	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : NAD83 / New Mexico East (ftUS)			
	Comment :			
Site Name Briard 22 Federal State Com 2H	Units : US ft	North Reference : Grid	Convergence Angle : 0.47	
	Position	Northing : 467930.30 US ft	Latitude : 32° 17' 0.24"	
		Easting : 810929.10 US ft	Longitude : -103° 27' 39.49"	
		Elevation above Mean Sea Level:3453.00 US ft		
Comment :				
Slot Name Briard 22 Federal State Com 2H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing :467930.30 US ft	Latitude : 32°17'0.24"	
	+E / -W : 0.00 US ft	Easting :810929.10 US ft	Longitude : -103°27'39.49"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3453.00 US ft				
Comment :				
Well Name Briard 22 Federal State Com 2H	Type : Main well		UWI :	Plan : P1:V1
	Rig Height <i>Kelly Bushing</i> : 19.50 US ft		Comment :	
	Relative to Mean Sea Level: 3472.50 US ft			
	Closure Distance : 4751.89 US ft		Closure Azimuth : 359.488°	
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az :359.49°
	Magnetic Parameters			
	Model : BGGM	Field Strength : 48255.9nT	Dec : 7.16°	Dip : 60.22°

Target Set

Name : Briard 22 Federal State Com 2H
Number of Targets : 1

Comment :

Target Name:	Position (Relative to Slot centre)		
	+N / -S : 4751.70US ft	Northing : 472682.00 US ft	Latitude : 32°17'47.26"
PBHL 2H	+E / -W : -42.50 US ft	Easting : 810886.60US ft	Longitude : -103°27'39.54"
Shape:	TVD (Kelly Bushing) : 11400.00 US ft		
Cuboid	Orientation	Azimuth : 0.00°	Inclination : 0.00°
	Dimensions	Length : 0.00 US ft	Breadth : 0.00 US ft
			Height : 0.00 US ft

Well path created using minimum curvature

5D Plan Report

Salient Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	B.Rate (°/100 US ft)	T.Rate (°/100 US ft)	T.Face (°)	Comments
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10827.04	0.00	0.00	10827.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
11727.04	90.00	359.49	11400.00	572.94	-5.12	572.96	10.00	10.00	0.00	359.49	LP
15905.97	90.00	359.49	11400.00	4751.70	-42.50	4751.89	0.00	0.00	0.00	0.00	PBHL 2H

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
10800.00	0.00	0.00	10800.00	0.00	0.00	0.00	0.00	467930.30	810929.10	
10827.04	0.00	0.00	10827.04	0.00	0.00	0.00	0.00	467930.30	810929.10	KOP
10900.00	7.30	359.49	10899.80	4.64	-0.04	4.64	10.00	467934.94	810929.06	
11000.00	17.30	359.49	10997.39	25.91	-0.23	25.91	10.00	467956.21	810928.87	
11100.00	27.30	359.49	11089.79	63.80	-0.57	63.80	10.00	467994.10	810928.53	
11200.00	37.30	359.49	11174.21	117.16	-1.05	117.16	10.00	468047.46	810928.05	
11300.00	47.30	359.49	11248.09	184.36	-1.65	184.37	10.00	468114.66	810927.45	
11400.00	57.30	359.49	11309.17	263.38	-2.36	263.39	10.00	468193.68	810926.74	
11500.00	67.30	359.49	11355.60	351.80	-3.15	351.81	10.00	468282.10	810925.95	
11600.00	77.30	359.49	11385.97	446.94	-4.00	446.96	10.00	468377.24	810925.10	
11700.00	87.30	359.49	11399.36	545.91	-4.88	545.93	10.00	468476.21	810924.22	
11727.04	90.00	359.49	11400.00	572.94	-5.12	572.96	10.00	468503.24	810923.98	LP
11800.00	90.00	359.49	11400.00	645.89	-5.78	645.92	0.00	468576.19	810923.32	
11900.00	90.00	359.49	11400.00	745.89	-6.67	745.92	0.00	468676.19	810922.43	
12000.00	90.00	359.49	11400.00	845.88	-7.57	845.92	0.00	468776.18	810921.53	
12100.00	90.00	359.49	11400.00	945.88	-8.46	945.92	0.00	468876.18	810920.64	
12200.00	90.00	359.49	11400.00	1045.88	-9.35	1045.92	0.00	468976.18	810919.75	
12300.00	90.00	359.49	11400.00	1145.87	-10.25	1145.92	0.00	469076.17	810918.85	
12400.00	90.00	359.49	11400.00	1245.87	-11.14	1245.92	0.00	469176.17	810917.96	
12500.00	90.00	359.49	11400.00	1345.86	-12.04	1345.92	0.00	469276.16	810917.06	
12600.00	90.00	359.49	11400.00	1445.86	-12.93	1445.92	0.00	469376.16	810916.17	
12700.00	90.00	359.49	11400.00	1545.86	-13.83	1545.92	0.00	469476.16	810915.27	
12800.00	90.00	359.49	11400.00	1645.85	-14.72	1645.92	0.00	469576.15	810914.38	
12900.00	90.00	359.49	11400.00	1745.85	-15.62	1745.92	0.00	469676.15	810913.48	
13000.00	90.00	359.49	11400.00	1845.84	-16.51	1845.92	0.00	469776.14	810912.59	
13100.00	90.00	359.49	11400.00	1945.84	-17.40	1945.92	0.00	469876.14	810911.70	
13200.00	90.00	359.49	11400.00	2045.84	-18.30	2045.92	0.00	469976.14	810910.80	
13300.00	90.00	359.49	11400.00	2145.83	-19.19	2145.92	0.00	470076.13	810909.91	
13400.00	90.00	359.49	11400.00	2245.83	-20.09	2245.92	0.00	470176.13	810909.01	
13500.00	90.00	359.49	11400.00	2345.82	-20.98	2345.92	0.00	470276.12	810908.12	
13600.00	90.00	359.49	11400.00	2445.82	-21.88	2445.92	0.00	470376.12	810907.22	
13700.00	90.00	359.49	11400.00	2545.82	-22.77	2545.92	0.00	470476.12	810906.33	
13800.00	90.00	359.49	11400.00	2645.81	-23.66	2645.92	0.00	470576.11	810905.44	
13900.00	90.00	359.49	11400.00	2745.81	-24.56	2745.92	0.00	470676.11	810904.54	
14000.00	90.00	359.49	11400.00	2845.80	-25.45	2845.92	0.00	470776.10	810903.65	
14100.00	90.00	359.49	11400.00	2945.80	-26.35	2945.92	0.00	470876.10	810902.75	
14200.00	90.00	359.49	11400.00	3045.80	-27.24	3045.92	0.00	470976.10	810901.86	
14300.00	90.00	359.49	11400.00	3145.79	-28.14	3145.92	0.00	471076.09	810900.96	
14400.00	90.00	359.49	11400.00	3245.79	-29.03	3245.92	0.00	471176.09	810900.07	
14500.00	90.00	359.49	11400.00	3345.78	-29.93	3345.92	0.00	471276.08	810899.17	
14600.00	90.00	359.49	11400.00	3445.78	-30.82	3445.92	0.00	471376.08	810898.28	
14700.00	90.00	359.49	11400.00	3545.78	-31.71	3545.92	0.00	471476.08	810897.39	
14800.00	90.00	359.49	11400.00	3645.77	-32.61	3645.92	0.00	471576.07	810896.49	
14900.00	90.00	359.49	11400.00	3745.77	-33.50	3745.92	0.00	471676.07	810895.60	
15000.00	90.00	359.49	11400.00	3845.76	-34.40	3845.92	0.00	471776.06	810894.70	
15100.00	90.00	359.49	11400.00	3945.76	-35.29	3945.92	0.00	471876.06	810893.81	
15200.00	90.00	359.49	11400.00	4045.76	-36.19	4045.92	0.00	471976.06	810892.91	
15300.00	90.00	359.49	11400.00	4145.75	-37.08	4145.92	0.00	472076.05	810892.02	
15400.00	90.00	359.49	11400.00	4245.75	-37.97	4245.92	0.00	472176.05	810891.13	
15500.00	90.00	359.49	11400.00	4345.74	-38.87	4345.92	0.00	472276.04	810890.23	
15600.00	90.00	359.49	11400.00	4445.74	-39.76	4445.92	0.00	472376.04	810889.34	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
15700.00	90.00	359.49	11400.00	4545.74	-40.66	4545.92	0.00	472476.04	810888.44	
15800.00	90.00	359.49	11400.00	4645.73	-41.55	4645.92	0.00	472576.03	810887.55	
15900.00	90.00	359.49	11400.00	4745.73	-42.45	4745.92	0.00	472676.03	810886.65	
15905.97	90.00	359.49	11400.00	4751.70	-42.50	4751.89	0.00	472682.00	810886.60	PBHL 2H

5D Anti-Collision Report**GMT Exploration Co., LLC****Field Name:** *Lea Co., New Mexico (NAD 83 NME)***Site Name:** *Briard 22 Federal State Com 2H***Well Name:** *Briard 22 Federal State Com 2H*

28 April 2016





Briard 22 Federal State Com 2H

Field Name: Lea Co., New Mexico (NAD 83 NME)	Map Units: US ft		Company Name: GMT Exploration Co., LLC	
	Vertical Reference Datum (VRD): Mean Sea Level			
	Projected Coordinate System: NAD83 / New Mexico East (ftUS)			
	Comment:			
Site: Briard 22 Federal State Com 2H	Units: US ft	North Reference: Grid	Convergence Angle: 0.47	
	Position:	Northing: 467930.30US ft	Latitude: 32° 17' 0.24"	
		Easting: 810929.10US ft	Longitude: -103° 27' 39.49"	
	Elevation above MSL:3453.00 US ft		Comment:	
Slot: Briard 22 Federal State Com 2H	Position (Relative to Site Centre)			
	+N/-S: 0.00US ft	Northing: 467930.30US ft	Latitude: 32°17'0.24"	
	+E/-W: 0.00US ft	Easting: 810929.10US ft	Longitude: -103°27'39.49"	
	Slot TVD Reference: Ground Elevation			
Elevation above MSL: 3453.00US ft		Comment:		
Well: Briard 22 Federal State Com 2H	Type:Main well	UWI:	Plan:Working Plan	
	File Number:	Comment:		
	Closure Distance:4751.89US ft	Closure Azimuth:359.49°		
	Vertical Section: Position of Origin (Relative to Slot centre)			
	+N/-S: 0.00US ft	+E/-W: 0.00US ft	Az: 359.49°	
	Magnetic Parameters:			
	Model: BGGM	Field Strength: 48255.9nT	Declination: 7.16°	Dip: 60.22°

Drill floor: Plan: Working Plan

Rig Height (Kelly Bushing): **Elevation above MSL:** 19.50us ft 3472.50us ft **Inclination:** 0.00° **Azimuth:** 0.00°

Collision / Uncertainty Analysis

Primary Well	Start MD (USFt)	End MD (USFt)	Collision Risk Interval	No. of Std. Deviations in Error Computation
Briard 22 Federal State Com 2H (p)	0.00	15905.97	100.00	2

Secondary Well Names:

Curry Fed #3 (s)
 Curry Fed #1 (s)
 Curry State #4 (Active) (s)
 Curry State #1 (s)
 Curry Fed #2 (Active) (s)
 Keller 22 Fed #1 (s)
 North Antelope Ridge #1 (s)
 Curry State #3 (Active) (s)
 Scharb #2 (s)
 Curry State #2 (Active) (s)
 Curry State #5 (Active) (s)

5D Anti-Collision Report

Secondary Well Names:

Curry State #6(Active) (s)

Anti-Collision Report Terminology**S.Minor, S.Major:** Radii of the ellipse of uncertainty at the current location as seen in the along hole direction.**PHI:** Angle between high-side vector and semi-minor axis**TVD Spread:** Total TVD range of the ellipsoid of uncertainty at the current location.**ES:** Distance between the extremities of the primary and secondary uncertainty ellipsoids in the direction Cr-Cr.**T.Face to Sec:** Angle between the Hi-Side vector of the primary well at the current location and line of closest approach between the two wells.**AC Filter Info: No filter has been applied.**

Separation factors calculated using Pedal Curve (Independent Uncertainty). Surface Uncertainty (S.U.) Not Applied. Wellpath created using minimum curvature.

Anti-Collision Summary (TVD relative to Kelly Bushing)

SF	Secondary Well Name	Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	ES (US ft)	CC (US ft)	SF	Risk
	Curry Fed #2 (Active) (s)	11614.06	11388.90	11392.40	-1036.22	130.25	0.11	SF(Hi)
	Curry State #2 (Active) (s)	15377.34	11400.00	11374.50	-938.49	280.22	0.23	SF(Hi)
	North Antelope Ridge #1 (s)	14278.52	11400.00	11352.50	403.23	1600.97	1.34	SF(Med)
	Keller 22 Fed #1 (s)	8877.54	8877.54	8850.00	684.22	1589.25	1.76	SF(Lo)
	Curry State #1 (s)	15645.90	11400.00	11342.50	1701.47	2921.50	2.39	SF(Lo)
	Curry Fed #3 (s)	12688.67	11400.00	11342.50	1649.47	2821.63	2.41	SF(Lo)
	Curry State#4 (Active) (s)	14324.41	11400.00	11329.50	1725.59	2921.67	2.44	SF(Lo)
	Curry Fed #1 (s)	12996.09	11400.00	11344.50	1745.09	2921.71	2.48	SF(Lo)
	Curry State #5(Active) (s)	7884.77	7884.77	7850.00	2381.22	3183.05	3.97	
	Scharb #2 (s)	8927.15	8927.15	8850.00	3732.12	4636.51	5.13	
	Curry State #6(Active) (s)	7837.30	7837.30	7796.00	3569.54	4364.36	5.49	
	Curry State #3 (Active) (s)	7981.05	7981.05	7900.00	3798.22	4606.66	5.70	

Primary Well: Briard 22 Federal State Com 2H (p)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)

MD (US ft)	TVD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	Nearest Well	ES (US ft)	CC (US ft)	SF	Risk
0.00	0.00	15.30	0.00	0.00	0.00	Curry Fed #2 (Active) (s)	477.04	478.03	483.67	
100.00	100.00	15.30	0.11	0.11	4.60	Curry Fed #2 (Active) (s)	466.97	478.03	43.21	
200.00	200.00	15.30	0.34	0.34	4.62	Curry Fed #2 (Active) (s)	456.78	478.03	22.49	
300.00	300.00	15.30	0.56	0.56	4.65	Curry Fed #2 (Active) (s)	446.59	478.03	15.20	
400.00	400.00	15.30	0.79	0.79	4.69	Curry Fed #2 (Active) (s)	436.40	478.03	11.48	
500.00	500.00	15.30	1.01	1.01	4.75	Curry Fed #2 (Active) (s)	426.21	478.03	9.22	
600.00	600.00	15.30	1.24	1.24	4.81	Curry Fed #2 (Active) (s)	416.02	478.03	7.71	
700.00	700.00	15.30	1.46	1.46	4.89	Curry Fed #2 (Active) (s)	405.83	478.03	6.62	
800.00	800.00	15.30	1.69	1.69	4.97	Curry Fed #2 (Active) (s)	395.63	478.03	5.80	
900.00	900.00	15.30	1.91	1.91	5.07	Curry Fed #2 (Active) (s)	385.44	478.03	5.16	
1000.00	1000.00	15.30	2.14	2.14	5.17	Curry Fed #2 (Active) (s)	375.25	478.03	4.65	
1100.00	1100.00	15.30	2.36	2.36	5.27	Curry Fed #2 (Active) (s)	365.06	478.03	4.23	
1200.00	1200.00	15.30	2.59	2.59	5.39	Curry Fed #2 (Active) (s)	354.87	478.03	3.88	
1300.00	1300.00	15.30	2.81	2.81	5.51	Curry Fed #2 (Active) (s)	344.68	478.03	3.58	
1400.00	1400.00	15.30	3.03	3.03	5.63	Curry Fed #2 (Active) (s)	334.49	478.03	3.33	

5D Anti-Collision Report

Primary Well: Briard 22 Federal State Com 2H (p)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
MD (US ft)	TVD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	Nearest Well	ES (US ft)	CC (US ft)	SF	Risk
1500.00	1500.00	15.30	3.26	3.26	5.76	Curry Fed #2 (Active) (s)	324.30	478.03	3.11	
1600.00	1600.00	15.30	3.48	3.48	5.90	Curry Fed #2 (Active) (s)	314.11	478.03	2.92	
1700.00	1700.00	15.30	3.71	3.71	6.04	Curry Fed #2 (Active) (s)	303.92	478.03	2.75	
1800.00	1800.00	15.30	3.93	3.93	6.18	Curry Fed #2 (Active) (s)	293.73	478.03	2.59	
1900.00	1900.00	15.30	4.16	4.16	6.33	Curry Fed #2 (Active) (s)	283.54	478.03	2.46	SF(Lo)
2000.00	2000.00	15.30	4.38	4.38	6.48	Curry Fed #2 (Active) (s)	273.35	478.03	2.34	SF(Lo)
2100.00	2100.00	15.30	4.61	4.61	6.63	Curry Fed #2 (Active) (s)	263.16	478.03	2.22	SF(Lo)
2200.00	2200.00	15.30	4.83	4.83	6.79	Curry Fed #2 (Active) (s)	252.97	478.03	2.12	SF(Lo)
2300.00	2300.00	15.30	5.06	5.06	6.95	Curry Fed #2 (Active) (s)	242.78	478.03	2.03	SF(Lo)
2400.00	2400.00	15.30	5.28	5.28	7.11	Curry Fed #2 (Active) (s)	232.59	478.03	1.95	SF(Lo)
2500.00	2500.00	15.30	5.51	5.51	7.28	Curry Fed #2 (Active) (s)	222.40	478.03	1.87	SF(Lo)
2600.00	2600.00	15.30	5.73	5.73	7.45	Curry Fed #2 (Active) (s)	212.21	478.03	1.80	SF(Lo)
2700.00	2700.00	15.30	5.96	5.96	7.62	Curry Fed #2 (Active) (s)	202.02	478.03	1.73	SF(Lo)
2800.00	2800.00	15.30	6.18	6.18	7.80	Curry Fed #2 (Active) (s)	191.83	478.03	1.67	SF(Lo)
2900.00	2900.00	15.30	6.41	6.41	7.97	Curry Fed #2 (Active) (s)	181.64	478.03	1.61	SF(Lo)
3000.00	3000.00	15.30	6.63	6.63	8.15	Curry Fed #2 (Active) (s)	171.45	478.03	1.56	SF(Lo)
3100.00	3100.00	15.30	6.86	6.86	8.33	Curry Fed #2 (Active) (s)	161.26	478.03	1.51	SF(Lo)
3200.00	3200.00	15.30	7.08	7.08	8.52	Curry Fed #2 (Active) (s)	151.07	478.03	1.46	SF(Med)
3300.00	3300.00	15.30	7.31	7.31	8.70	Curry Fed #2 (Active) (s)	140.88	478.03	1.42	SF(Med)
3400.00	3400.00	15.30	7.53	7.53	8.89	Curry Fed #2 (Active) (s)	130.68	478.03	1.38	SF(Med)
3500.00	3500.00	15.30	7.76	7.76	9.09	Curry Fed #2 (Active) (s)	120.49	478.03	1.34	SF(Med)
3600.00	3600.00	15.30	7.98	7.98	9.28	Curry Fed #2 (Active) (s)	110.30	478.03	1.30	SF(Med)
3700.00	3700.00	15.30	8.20	8.20	9.48	Curry Fed #2 (Active) (s)	100.11	478.03	1.26	SF(Med)
3800.00	3800.00	15.30	8.43	8.43	9.68	Curry Fed #2 (Active) (s)	89.92	478.03	1.23	SF(Med)
3900.00	3900.00	15.30	8.65	8.65	9.88	Curry Fed #2 (Active) (s)	79.73	478.03	1.20	SF(Med)
4000.00	4000.00	15.30	8.88	8.88	10.09	Curry Fed #2 (Active) (s)	69.54	478.03	1.17	SF(Med)
4100.00	4100.00	15.30	9.10	9.10	10.30	Curry Fed #2 (Active) (s)	59.35	478.03	1.14	SF(Med)
4200.00	4200.00	15.30	9.33	9.33	10.51	Curry Fed #2 (Active) (s)	49.16	478.03	1.11	SF(Med)
4300.00	4300.00	15.30	9.55	9.55	10.73	Curry Fed #2 (Active) (s)	38.97	478.03	1.09	SF(Med)
4400.00	4400.00	15.30	9.78	9.78	10.94	Curry Fed #2 (Active) (s)	28.78	478.03	1.06	SF(Med)
4500.00	4500.00	15.30	10.00	10.00	11.17	Curry Fed #2 (Active) (s)	18.59	478.03	1.04	SF(Med)
4600.00	4600.00	15.30	10.23	10.23	11.39	Curry Fed #2 (Active) (s)	8.40	478.03	1.02	SF(Med)
4700.00	4700.00	15.30	10.45	10.45	11.62	Curry Fed #2 (Active) (s)	-1.79	478.03	1.00	SF(Hi)
4800.00	4800.00	15.30	10.68	10.68	11.85	Curry Fed #2 (Active) (s)	-11.98	478.03	0.98	SF(Hi)
4900.00	4900.00	15.30	10.90	10.90	12.09	Curry Fed #2 (Active) (s)	-22.17	478.03	0.96	SF(Hi)
5000.00	5000.00	15.30	11.13	11.13	12.33	Curry Fed #2 (Active) (s)	-32.36	478.03	0.94	SF(Hi)

5D Anti-Collision Report

Primary Well: Briard 22 Federal State Com 2H (p)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
MD (US ft)	TVD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	Nearest Well	ES (US ft)	CC (US ft)	SF	Risk
5100.00	5100.00	15.30	11.35	11.35	12.57	Curry Fed #2 (Active) (s)	-42.55	478.03	0.92	SF(HI)
5200.00	5200.00	15.30	11.58	11.58	12.82	Curry Fed #2 (Active) (s)	-52.74	478.03	0.90	SF(HI)
5300.00	5300.00	15.30	11.80	11.80	13.07	Curry Fed #2 (Active) (s)	-62.93	478.03	0.88	SF(HI)
5400.00	5400.00	15.30	12.03	12.03	13.32	Curry Fed #2 (Active) (s)	-73.12	478.03	0.87	SF(HI)
5500.00	5500.00	15.30	12.25	12.25	13.58	Curry Fed #2 (Active) (s)	-83.31	478.03	0.85	SF(HI)
5600.00	5600.00	15.30	12.48	12.48	13.84	Curry Fed #2 (Active) (s)	-93.50	478.03	0.84	SF(HI)
5700.00	5700.00	15.30	12.70	12.70	14.11	Curry Fed #2 (Active) (s)	-103.69	478.03	0.82	SF(HI)
5800.00	5800.00	15.30	12.93	12.93	14.38	Curry Fed #2 (Active) (s)	-113.88	478.03	0.81	SF(HI)
5900.00	5900.00	15.30	13.15	13.15	14.66	Curry Fed #2 (Active) (s)	-124.07	478.03	0.79	SF(HI)
6000.00	6000.00	15.30	13.37	13.37	14.94	Curry Fed #2 (Active) (s)	-134.27	478.03	0.78	SF(HI)
6100.00	6100.00	15.30	13.60	13.60	15.22	Curry Fed #2 (Active) (s)	-144.46	478.03	0.77	SF(HI)
6200.00	6200.00	15.30	13.82	13.82	15.51	Curry Fed #2 (Active) (s)	-154.65	478.03	0.76	SF(HI)
6300.00	6300.00	15.30	14.05	14.05	15.80	Curry Fed #2 (Active) (s)	-164.84	478.03	0.74	SF(HI)
6400.00	6400.00	15.30	14.27	14.27	16.10	Curry Fed #2 (Active) (s)	-175.03	478.03	0.73	SF(HI)
6500.00	6500.00	15.30	14.50	14.50	16.40	Curry Fed #2 (Active) (s)	-185.22	478.03	0.72	SF(HI)
6600.00	6600.00	15.30	14.72	14.72	16.71	Curry Fed #2 (Active) (s)	-195.41	478.03	0.71	SF(HI)
6700.00	6700.00	15.30	14.95	14.95	17.02	Curry Fed #2 (Active) (s)	-205.60	478.03	0.70	SF(HI)
6800.00	6800.00	15.30	15.17	15.17	17.34	Curry Fed #2 (Active) (s)	-215.79	478.03	0.69	SF(HI)
6900.00	6900.00	15.30	15.40	15.40	17.66	Curry Fed #2 (Active) (s)	-225.98	478.03	0.68	SF(HI)
7000.00	7000.00	15.30	15.62	15.62	17.99	Curry Fed #2 (Active) (s)	-236.17	478.03	0.67	SF(HI)
7100.00	7100.00	15.30	15.85	15.85	18.32	Curry Fed #2 (Active) (s)	-246.36	478.03	0.66	SF(HI)
7200.00	7200.00	15.30	16.07	16.07	18.66	Curry Fed #2 (Active) (s)	-256.55	478.03	0.65	SF(HI)
7300.00	7300.00	15.30	16.30	16.30	19.00	Curry Fed #2 (Active) (s)	-266.74	478.03	0.64	SF(HI)
7400.00	7400.00	15.30	16.52	16.52	19.35	Curry Fed #2 (Active) (s)	-276.93	478.03	0.63	SF(HI)
7500.00	7500.00	15.30	16.75	16.75	19.70	Curry Fed #2 (Active) (s)	-287.12	478.03	0.62	SF(HI)
7600.00	7600.00	15.30	16.97	16.97	20.06	Curry Fed #2 (Active) (s)	-297.31	478.03	0.62	SF(HI)
7700.00	7700.00	15.30	17.20	17.20	20.42	Curry Fed #2 (Active) (s)	-307.50	478.03	0.61	SF(HI)
7800.00	7800.00	15.30	17.42	17.42	20.79	Curry Fed #2 (Active) (s)	-317.69	478.03	0.60	SF(HI)
7900.00	7900.00	15.30	17.65	17.65	21.16	Curry Fed #2 (Active) (s)	-327.88	478.03	0.59	SF(HI)
8000.00	8000.00	15.30	17.87	17.87	21.54	Curry Fed #2 (Active) (s)	-338.07	478.03	0.59	SF(HI)
8100.00	8100.00	15.30	18.10	18.10	21.93	Curry Fed #2 (Active) (s)	-348.26	478.03	0.58	SF(HI)
8200.00	8200.00	15.30	18.32	18.32	22.32	Curry Fed #2 (Active) (s)	-358.45	478.03	0.57	SF(HI)
8300.00	8300.00	15.30	18.54	18.54	22.71	Curry Fed #2 (Active) (s)	-368.64	478.03	0.56	SF(HI)
8400.00	8400.00	15.30	18.77	18.77	23.11	Curry Fed #2 (Active) (s)	-378.83	478.03	0.56	SF(HI)
8500.00	8500.00	15.30	18.99	18.99	23.52	Curry Fed #2 (Active) (s)	-389.03	478.03	0.55	SF(HI)
8600.00	8600.00	15.30	19.22	19.22	23.93	Curry Fed #2 (Active) (s)	-399.22	478.03	0.54	SF(HI)

5D Anti-Collision Report

Primary Well: Briard 22 Federal State Com 2H (p)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
MD (US ft)	TVD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	Nearest Well	ES (US ft)	CC (US ft)	SF	Risk
8700.00	8700.00	15.30	19.44	19.44	24.35	Curry Fed #2 (Active) (s)	-409.41	478.03	0.54	SF(Hi)
8800.00	8800.00	15.30	19.67	19.67	24.78	Curry Fed #2 (Active) (s)	-419.60	478.03	0.53	SF(Hi)
8900.00	8900.00	15.30	19.89	19.89	25.21	Curry Fed #2 (Active) (s)	-429.79	478.03	0.53	SF(Hi)
9000.00	9000.00	15.30	20.12	20.12	25.64	Curry Fed #2 (Active) (s)	-439.98	478.03	0.52	SF(Hi)
9100.00	9100.00	15.30	20.34	20.34	26.08	Curry Fed #2 (Active) (s)	-450.17	478.03	0.52	SF(Hi)
9200.00	9200.00	15.30	20.57	20.57	26.53	Curry Fed #2 (Active) (s)	-460.36	478.03	0.51	SF(Hi)
9300.00	9300.00	15.30	20.79	20.79	26.98	Curry Fed #2 (Active) (s)	-470.55	478.03	0.50	SF(Hi)
9400.00	9400.00	15.30	21.02	21.02	27.44	Curry Fed #2 (Active) (s)	-480.74	478.03	0.50	SF(Hi)
9500.00	9500.00	15.30	21.24	21.24	27.90	Curry Fed #2 (Active) (s)	-490.93	478.03	0.49	SF(Hi)
9600.00	9600.00	15.30	21.47	21.47	28.37	Curry Fed #2 (Active) (s)	-501.12	478.03	0.49	SF(Hi)
9700.00	9700.00	15.30	21.69	21.69	28.85	Curry Fed #2 (Active) (s)	-511.31	478.03	0.48	SF(Hi)
9800.00	9800.00	15.30	21.92	21.92	29.33	Curry Fed #2 (Active) (s)	-521.50	478.03	0.48	SF(Hi)
9900.00	9900.00	15.30	22.14	22.14	29.82	Curry Fed #2 (Active) (s)	-531.69	478.03	0.47	SF(Hi)
10000.00	10000.00	15.30	22.37	22.37	30.31	Curry Fed #2 (Active) (s)	-541.88	478.03	0.47	SF(Hi)
10100.00	10100.00	15.30	22.59	22.59	30.81	Curry Fed #2 (Active) (s)	-552.07	478.03	0.46	SF(Hi)
10200.00	10200.00	15.30	22.82	22.82	31.31	Curry Fed #2 (Active) (s)	-562.26	478.03	0.46	SF(Hi)
10300.00	10300.00	15.30	23.04	23.04	31.83	Curry Fed #2 (Active) (s)	-572.45	478.03	0.46	SF(Hi)
10400.00	10400.00	15.30	23.27	23.27	32.34	Curry Fed #2 (Active) (s)	-582.64	478.03	0.45	SF(Hi)
10500.00	10500.00	15.30	23.49	23.49	32.87	Curry Fed #2 (Active) (s)	-592.83	478.03	0.45	SF(Hi)
10600.00	10600.00	15.30	23.71	23.71	33.39	Curry Fed #2 (Active) (s)	-603.02	478.03	0.44	SF(Hi)
10700.00	10700.00	15.30	23.94	23.94	33.93	Curry Fed #2 (Active) (s)	-613.21	478.03	0.44	SF(Hi)
10800.00	10800.00	15.30	24.16	24.16	34.47	Curry Fed #2 (Active) (s)	-623.40	478.03	0.43	SF(Hi)
10900.00	10899.80	16.09	24.39	24.29	35.01	Curry Fed #2 (Active) (s)	-638.34	473.57	0.43	SF(Hi)
11000.00	10997.39	17.45	24.60	24.07	35.53	Curry Fed #2 (Active) (s)	-669.73	453.16	0.40	SF(Hi)
11100.00	11089.79	20.30	24.81	23.52	36.00	Curry Fed #2 (Active) (s)	-716.82	417.01	0.37	SF(Hi)
11200.00	11174.21	25.53	25.03	22.71	36.42	Curry Fed #2 (Active) (s)	-776.67	366.69	0.32	SF(Hi)
11300.00	11248.09	34.87	25.30	21.72	36.77	Curry Fed #2 (Active) (s)	-842.23	304.80	0.27	SF(Hi)
11400.00	11309.17	50.81	25.62	20.70	37.07	Curry Fed #2 (Active) (s)	-919.85	235.79	0.20	SF(Hi)
11500.00	11355.60	72.23	26.03	19.79	37.33	Curry Fed #2 (Active) (s)	-993.02	169.28	0.15	SF(Hi)
11600.00	11385.97	88.74	26.52	19.15	37.57	Curry Fed #2 (Active) (s)	-1032.62	130.89	0.11	SF(Hi)
11700.00	11399.36	91.78	27.11	18.92	37.82	Curry Fed #2 (Active) (s)	-1009.99	156.07	0.13	SF(Hi)
11800.00	11400.00	90.00	27.78	19.04	38.09	Curry Fed #2 (Active) (s)	-936.70	227.05	0.20	SF(Hi)
11900.00	11400.00	90.00	28.56	19.20	38.41	Curry Fed #2 (Active) (s)	-848.44	314.24	0.27	SF(Hi)
12000.00	11400.00	90.00	29.43	19.39	38.78	Curry Fed #2 (Active) (s)	-759.44	407.36	0.35	SF(Hi)
12100.00	11400.00	90.00	30.38	19.61	39.21	Curry Fed #2 (Active) (s)	-660.24	503.13	0.43	SF(Hi)
12200.00	11400.00	90.00	31.42	19.84	39.69	Curry Fed #2 (Active) (s)	-564.88	600.27	0.52	SF(Hi)

5D Anti-Collision Report

Primary Well: Briard 22 Federal State Com 2H (p)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
MD (US ft)	TVD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	Nearest Well	ES (US ft)	CC (US ft)	SF	Risk
12300.00	11400.00	90.00	32.52	20.11	40.21	Curry Fed #2 (Active) (s)	-468.24	698.23	0.60	SF(HI)
12400.00	11400.00	90.00	33.69	20.39	40.78	Curry Fed #2 (Active) (s)	-370.07	796.69	0.68	SF(HI)
12500.00	11400.00	90.00	34.91	20.70	41.40	Curry Fed #2 (Active) (s)	-271.06	895.50	0.77	SF(HI)
12600.00	11400.00	90.00	36.18	21.03	42.05	Curry Fed #2 (Active) (s)	-171.57	994.54	0.85	SF(HI)
12700.00	11400.00	90.00	37.50	21.37	42.75	Curry Fed #2 (Active) (s)	-71.80	1093.76	0.94	SF(HI)
12800.00	11400.00	90.00	38.86	21.74	43.48	Curry Fed #2 (Active) (s)	28.14	1193.10	1.02	SF(Med)
12900.00	11400.00	90.00	40.26	22.13	44.26	Curry Fed #2 (Active) (s)	128.17	1292.55	1.11	SF(Med)
13000.00	11400.00	90.00	41.70	22.53	45.06	Curry Fed #2 (Active) (s)	228.21	1392.08	1.20	SF(Med)
13100.00	11400.00	90.00	43.16	22.95	45.90	Curry Fed #2 (Active) (s)	328.29	1491.67	1.28	SF(Med)
13200.00	11400.00	90.00	44.65	23.38	46.77	Curry Fed #2 (Active) (s)	428.40	1591.31	1.37	SF(Med)
13300.00	11400.00	90.00	46.16	23.83	47.67	Curry Fed #2 (Active) (s)	528.32	1691.00	1.45	SF(Med)
13400.00	11400.00	90.00	47.70	24.30	48.60	North Antelope Ridge #1 (s)	635.21	1814.16	1.54	SF(Lo)
13500.00	11400.00	90.00	49.25	24.77	49.55	North Antelope Ridge #1 (s)	591.02	1769.31	1.50	SF(Lo)
13600.00	11400.00	90.00	50.83	25.26	50.53	North Antelope Ridge #1 (s)	546.64	1729.08	1.46	SF(Med)
13700.00	11400.00	90.00	52.42	25.76	51.53	North Antelope Ridge #1 (s)	507.94	1693.81	1.43	SF(Med)
13800.00	11400.00	90.00	54.02	26.27	52.55	Curry State #2 (Active) (s)	435.14	1600.25	1.37	SF(Med)
13900.00	11400.00	90.00	55.64	26.80	53.59	Curry State #2 (Active) (s)	336.54	1501.90	1.29	SF(Med)
14000.00	11400.00	90.00	57.28	27.33	54.65	Curry State #2 (Active) (s)	238.18	1403.78	1.20	SF(Med)
14100.00	11400.00	90.00	58.92	27.87	55.74	Curry State #2 (Active) (s)	140.33	1305.94	1.12	SF(Med)
14200.00	11400.00	90.00	60.58	28.42	56.83	Curry State #2 (Active) (s)	43.11	1208.46	1.04	SF(Med)
14300.00	11400.00	90.00	62.24	28.97	57.95	Curry State #2 (Active) (s)	-53.15	1111.43	0.95	SF(HI)
14400.00	11400.00	90.00	63.91	29.54	59.08	Curry State #2 (Active) (s)	-149.99	1014.97	0.87	SF(HI)
14500.00	11400.00	90.00	65.60	30.11	60.22	Curry State #2 (Active) (s)	-249.09	919.27	0.79	SF(HI)
14600.00	11400.00	90.00	67.29	30.69	61.38	Curry State #2 (Active) (s)	-346.63	824.60	0.70	SF(HI)
14700.00	11400.00	90.00	68.98	31.28	62.55	Curry State #2 (Active) (s)	-441.52	731.34	0.62	SF(HI)
14800.00	11400.00	90.00	70.69	31.87	63.74	Curry State #2 (Active) (s)	-532.87	640.12	0.55	SF(HI)
14900.00	11400.00	90.00	72.40	32.47	64.93	Curry State #2 (Active) (s)	-628.83	551.95	0.47	SF(HI)
15000.00	11400.00	90.00	74.11	33.07	66.14	Curry State #2 (Active) (s)	-715.50	468.55	0.40	SF(HI)
15100.00	11400.00	90.00	75.83	33.68	67.35	Curry State #2 (Active) (s)	-797.53	392.98	0.33	SF(HI)

5D Anti-Collision Report

Primary Well: Briard 22 Federal State Com 2H (p)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
MD (US ft)	TVD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	Nearest Well	ES (US ft)	CC (US ft)	SF	Risk
15200.00	11400.00	90.00	77.56	34.29	68.58	Curry State #2 (Active) (s)	-873.13	330.65	0.27	SF(HI)
15300.00	11400.00	90.00	79.29	34.91	69.81	Curry State #2 (Active) (s)	-920.96	290.22	0.24	SF(HI)
15400.00	11400.00	90.00	81.02	35.53	71.06	Curry State #2 (Active) (s)	-934.10	281.28	0.23	SF(HI)
15500.00	11400.00	90.00	82.76	36.16	72.31	Curry State #2 (Active) (s)	-905.99	306.62	0.25	SF(HI)
15600.00	11400.00	90.00	84.50	36.79	73.57	Curry State #2 (Active) (s)	-846.67	359.04	0.30	SF(HI)
15700.00	11400.00	90.00	86.25	37.42	74.84	Curry State #2 (Active) (s)	-769.31	428.73	0.36	SF(HI)
15800.00	11400.00	90.00	88.00	38.06	76.11	Curry State #2 (Active) (s)	-680.40	508.63	0.43	SF(HI)
15900.00	11400.00	90.00	89.75	38.70	77.40	Curry State #2 (Active) (s)	-591.95	594.64	0.50	SF(HI)
15905.97	11400.00	90.00	89.86	38.74	77.47	Curry State #2 (Active) (s)	-586.29	599.91	0.51	SF(HI)

Secondary Well: Curry Fed #3 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
0.00	57.50	0.00	61.85	0.00	0.00	0.00	3184.29	3184.93	4979.86	
100.00	100.00	42.50	61.85	4.25	4.25	1.18	3179.42	3184.41	637.25	
200.00	200.00	142.50	61.85	14.25	14.25	3.94	3169.20	3184.41	209.29	
300.00	300.00	242.50	61.85	24.25	24.25	4.64	3158.98	3184.41	125.20	
400.00	400.00	342.50	61.85	34.25	34.25	4.67	3148.76	3184.41	89.31	
500.00	500.00	442.50	61.85	44.25	44.25	4.72	3138.54	3184.41	69.42	
600.00	600.00	542.50	61.85	54.25	54.25	4.78	3128.32	3184.41	56.77	
700.00	700.00	642.50	61.85	64.25	64.25	4.85	3118.10	3184.41	48.02	
800.00	800.00	742.50	61.85	74.25	74.25	4.93	3107.88	3184.41	41.61	
900.00	900.00	842.50	61.85	84.25	84.25	5.01	3097.66	3184.41	36.71	
1000.00	1000.00	942.50	61.85	94.25	94.25	5.11	3087.44	3184.41	32.84	
1100.00	1100.00	1042.50	61.85	104.25	104.25	5.21	3077.22	3184.41	29.71	
1200.00	1200.00	1142.50	61.85	114.25	114.25	5.32	3067.01	3184.41	27.12	
1300.00	1300.00	1242.50	61.85	124.25	124.25	5.44	3056.79	3184.41	24.95	
1400.00	1400.00	1342.50	61.85	134.25	134.25	5.56	3046.57	3184.41	23.10	
1500.00	1500.00	1442.50	61.85	144.25	144.25	5.68	3036.35	3184.41	21.51	
1600.00	1600.00	1542.50	61.85	154.25	154.25	5.82	3026.13	3184.41	20.12	
1700.00	1700.00	1642.50	61.85	164.25	164.25	5.95	3015.91	3184.41	18.90	
1800.00	1800.00	1742.50	61.85	174.25	174.25	6.09	3005.69	3184.41	17.82	
1900.00	1900.00	1842.50	61.85	184.25	184.25	6.24	2995.47	3184.41	16.85	
2000.00	2000.00	1942.50	61.85	194.25	194.25	6.39	2985.25	3184.41	15.99	
2100.00	2100.00	2042.50	61.85	204.25	204.25	6.54	2975.03	3184.41	15.21	
2200.00	2200.00	2142.50	61.85	214.25	214.25	6.70	2964.81	3184.41	14.50	
2300.00	2300.00	2242.50	61.85	224.25	224.25	6.85	2954.59	3184.41	13.86	
2400.00	2400.00	2342.50	61.85	234.25	234.25	7.02	2944.37	3184.41	13.27	
2500.00	2500.00	2442.50	61.85	244.25	244.25	7.18	2934.15	3184.41	12.72	
2600.00	2600.00	2542.50	61.85	254.25	254.25	7.35	2923.93	3184.41	12.23	
2700.00	2700.00	2642.50	61.85	264.25	264.25	7.52	2913.71	3184.41	11.76	
2800.00	2800.00	2742.50	61.85	274.25	274.25	7.69	2903.49	3184.41	11.34	
2900.00	2900.00	2842.50	61.85	284.25	284.25	7.87	2893.27	3184.41	10.94	
3000.00	3000.00	2942.50	61.85	294.25	294.25	8.05	2883.05	3184.41	10.57	
3100.00	3100.00	3042.50	61.85	304.25	304.25	8.23	2872.84	3184.41	10.22	
3200.00	3200.00	3142.50	61.85	314.25	314.25	8.41	2862.62	3184.41	9.90	
3300.00	3300.00	3242.50	61.85	324.25	324.25	8.60	2852.40	3184.41	9.59	
3400.00	3400.00	3342.50	61.85	334.25	334.25	8.78	2842.18	3184.41	9.30	

5D Anti-Collision Report

Secondary Well: Curry Fed #3 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
3500.00	3500.00	3442.50	61.85	344.25	344.25	8.98	2831.96	3184.41	9.03	
3600.00	3600.00	3542.50	61.85	354.25	354.25	9.17	2821.74	3184.41	8.78	
3700.00	3700.00	3642.50	61.85	364.25	364.25	9.37	2811.52	3184.41	8.54	
3800.00	3800.00	3742.50	61.85	374.25	374.25	9.57	2801.30	3184.41	8.31	
3900.00	3900.00	3842.50	61.85	384.25	384.25	9.77	2791.08	3184.41	8.10	
4000.00	4000.00	3942.50	61.85	394.25	394.25	9.98	2780.86	3184.41	7.89	
4100.00	4100.00	4042.50	61.85	404.25	404.25	10.18	2770.64	3184.41	7.70	
4200.00	4200.00	4142.50	61.85	414.25	414.25	10.39	2760.42	3184.41	7.51	
4300.00	4300.00	4242.50	61.85	424.25	424.25	10.61	2750.20	3184.41	7.33	
4400.00	4400.00	4342.50	61.85	434.25	434.25	10.83	2739.98	3184.41	7.17	
4500.00	4500.00	4442.50	61.85	444.25	444.25	11.05	2729.76	3184.41	7.00	
4600.00	4600.00	4542.50	61.85	454.25	454.25	11.27	2719.54	3184.41	6.85	
4700.00	4700.00	4642.50	61.85	464.25	464.25	11.50	2709.32	3184.41	6.70	
4800.00	4800.00	4742.50	61.85	474.25	474.25	11.73	2699.10	3184.41	6.56	
4900.00	4900.00	4842.50	61.85	484.25	484.25	11.97	2688.89	3184.41	6.43	
5000.00	5000.00	4942.50	61.85	494.25	494.25	12.21	2678.67	3184.41	6.30	
5100.00	5100.00	5042.50	61.85	504.25	504.25	12.45	2668.45	3184.41	6.17	
5200.00	5200.00	5142.50	61.85	514.25	514.25	12.69	2658.23	3184.41	6.05	
5300.00	5300.00	5242.50	61.85	524.25	524.25	12.94	2648.01	3184.41	5.94	
5400.00	5400.00	5342.50	61.85	534.25	534.25	13.20	2637.79	3184.41	5.83	
5500.00	5500.00	5442.50	61.85	544.25	544.25	13.46	2627.57	3184.41	5.72	
5600.00	5600.00	5542.50	61.85	554.25	554.25	13.72	2617.35	3184.41	5.62	
5700.00	5700.00	5642.50	61.85	564.25	564.25	13.98	2607.13	3184.41	5.52	
5800.00	5800.00	5742.50	61.85	574.25	574.25	14.25	2596.91	3184.41	5.42	
5900.00	5900.00	5842.50	61.85	584.25	584.25	14.53	2586.69	3184.41	5.33	
6000.00	6000.00	5942.50	61.85	594.25	594.25	14.81	2576.47	3184.41	5.24	
6100.00	6100.00	6042.50	61.85	604.25	604.25	15.09	2566.25	3184.41	5.15	
6200.00	6200.00	6142.50	61.85	614.25	614.25	15.38	2556.03	3184.41	5.07	
6300.00	6300.00	6242.50	61.85	624.25	624.25	15.67	2545.81	3184.41	4.99	
6400.00	6400.00	6342.50	61.85	634.25	634.25	15.97	2535.59	3184.41	4.91	
6500.00	6500.00	6442.50	61.85	644.25	644.25	16.27	2525.37	3184.41	4.83	
6600.00	6600.00	6542.50	61.85	654.25	654.25	16.58	2515.15	3184.41	4.76	
6700.00	6700.00	6642.50	61.85	664.25	664.25	16.89	2504.93	3184.41	4.69	
6800.00	6800.00	6742.50	61.85	674.25	674.25	17.21	2494.72	3184.41	4.62	
6900.00	6900.00	6842.50	61.85	684.25	684.25	17.53	2484.50	3184.41	4.55	
7000.00	7000.00	6942.50	61.85	694.25	694.25	17.85	2474.28	3184.41	4.48	
7100.00	7100.00	7042.50	61.85	704.25	704.25	18.18	2464.06	3184.41	4.42	
7200.00	7200.00	7142.50	61.85	714.25	714.25	18.52	2453.84	3184.41	4.36	
7300.00	7300.00	7242.50	61.85	724.25	724.25	18.86	2443.62	3184.41	4.30	
7400.00	7400.00	7342.50	61.85	734.25	734.25	19.21	2433.40	3184.41	4.24	
7500.00	7500.00	7442.50	61.85	744.25	744.25	19.56	2423.18	3184.41	4.18	
7600.00	7600.00	7542.50	61.85	754.25	754.25	19.92	2412.96	3184.41	4.13	
7700.00	7700.00	7642.50	61.85	764.25	764.25	20.28	2402.74	3184.41	4.07	
7800.00	7800.00	7742.50	61.85	774.25	774.25	20.65	2392.52	3184.41	4.02	
7900.00	7900.00	7842.50	61.85	784.25	784.25	21.02	2382.30	3184.41	3.97	
8000.00	8000.00	7942.50	61.85	794.25	794.25	21.40	2372.08	3184.41	3.92	
8100.00	8100.00	8042.50	61.85	804.25	804.25	21.78	2361.86	3184.41	3.87	
8200.00	8200.00	8142.50	61.85	814.25	814.25	22.17	2351.64	3184.41	3.82	
8300.00	8300.00	8242.50	61.85	824.25	824.25	22.56	2341.42	3184.41	3.78	
8400.00	8400.00	8342.50	61.85	834.25	834.25	22.96	2331.20	3184.41	3.73	
8500.00	8500.00	8442.50	61.85	844.25	844.25	23.37	2320.98	3184.41	3.69	
8600.00	8600.00	8542.50	61.85	854.25	854.25	23.78	2310.76	3184.41	3.64	
8700.00	8700.00	8642.50	61.85	864.25	864.25	24.20	2300.55	3184.41	3.60	
8800.00	8800.00	8742.50	61.85	874.25	874.25	24.62	2290.33	3184.41	3.56	
8900.00	8900.00	8842.50	61.85	884.25	884.25	25.05	2280.11	3184.41	3.52	
9000.00	9000.00	8942.50	61.85	894.25	894.25	25.48	2269.89	3184.41	3.48	
9100.00	9100.00	9042.50	61.85	904.25	904.25	25.92	2259.67	3184.41	3.44	
9200.00	9200.00	9142.50	61.85	914.25	914.25	26.37	2249.45	3184.41	3.41	

5D Anti-Collision Report

Secondary Well: Curry Fed #3 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
9300.00	9300.00	9242.50	61.85	924.25	924.25	26.82	2239.23	3184.41	3.37	
9400.00	9400.00	9342.50	61.85	934.25	934.25	27.28	2229.01	3184.41	3.33	
9500.00	9500.00	9442.50	61.85	944.25	944.25	27.74	2218.79	3184.41	3.30	
9600.00	9600.00	9542.50	61.85	954.25	954.25	28.21	2208.57	3184.41	3.26	
9700.00	9700.00	9642.50	61.85	964.25	964.25	28.68	2198.35	3184.41	3.23	
9800.00	9800.00	9742.50	61.85	974.25	974.25	29.16	2188.13	3184.41	3.20	
9900.00	9900.00	9842.50	61.85	984.25	984.25	29.65	2177.91	3184.41	3.16	
10000.00	10000.00	9942.50	61.85	994.25	994.25	30.14	2167.69	3184.41	3.13	
10100.00	10100.00	10042.50	61.85	1004.25	1004.25	30.64	2157.47	3184.41	3.10	
10200.00	10200.00	10142.50	61.85	1014.25	1014.25	31.14	2147.25	3184.41	3.07	
10300.00	10300.00	10242.50	61.85	1024.25	1024.25	31.65	2137.03	3184.41	3.04	
10400.00	10400.00	10342.50	61.85	1034.25	1034.25	32.17	2126.81	3184.41	3.01	
10500.00	10500.00	10442.50	61.85	1044.25	1044.25	32.69	2116.60	3184.41	2.98	
10600.00	10600.00	10542.50	61.85	1054.25	1054.25	33.22	2106.38	3184.41	2.95	
10700.00	10700.00	10642.50	61.85	1064.25	1064.25	33.75	2096.16	3184.41	2.93	
10800.00	10800.00	10742.50	61.85	1074.25	1074.25	34.29	2085.94	3184.41	2.90	
10900.00	10899.80	10842.30	62.63	1084.23	1084.23	34.83	2073.63	3182.27	2.87	
11000.00	10997.39	10939.89	63.84	1093.99	1093.99	35.37	2054.12	3172.48	2.84	
11100.00	11089.79	11032.29	66.00	1103.23	1103.23	35.89	2028.04	3155.32	2.80	
11200.00	11174.21	11116.71	69.02	1111.67	1111.67	36.36	1996.83	3131.79	2.76	
11300.00	11248.09	11190.59	72.73	1119.06	1119.06	36.78	1962.28	3103.19	2.72	
11400.00	11309.17	11251.67	76.91	1125.17	1125.17	37.13	1922.22	3071.11	2.67	
11500.00	11355.60	11298.10	81.25	1129.81	1129.81	37.40	1881.74	3037.24	2.63	
11600.00	11385.97	11328.47	85.41	1132.85	1132.85	37.57	1843.47	3003.29	2.59	
11700.00	11399.36	11341.86	89.11	1134.19	1134.19	37.65	1809.31	2970.79	2.56	
11800.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1780.21	2940.98	2.53	
11900.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1755.32	2914.29	2.51	
12000.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1728.39	2890.82	2.49	SF(Lo)
12100.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1705.78	2870.64	2.46	SF(Lo)
12200.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1687.80	2853.83	2.45	SF(Lo)
12300.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1674.56	2840.43	2.44	SF(Lo)
12400.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1666.05	2830.51	2.43	SF(Lo)
12500.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1656.10	2824.10	2.42	SF(Lo)
12600.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1650.38	2821.22	2.41	SF(Lo)
12700.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1649.63	2821.88	2.41	SF(Lo)
12800.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1653.85	2826.08	2.41	SF(Lo)
12900.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1663.01	2833.81	2.42	SF(Lo)
13000.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1670.39	2845.04	2.42	SF(Lo)
13100.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1682.36	2859.71	2.43	SF(Lo)
13200.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1699.04	2877.79	2.44	SF(Lo)
13300.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1720.42	2899.21	2.46	SF(Lo)
13400.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1746.37	2923.90	2.48	SF(Lo)
13500.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1771.22	2951.76	2.50	
13600.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1799.57	2982.73	2.52	
13700.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1831.95	3016.69	2.55	
13800.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1868.43	3053.54	2.58	
13900.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1908.83	3093.20	2.61	
14000.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1951.64	3135.54	2.65	
14100.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1993.53	3180.46	2.68	
14200.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2038.89	3227.86	2.71	
14300.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2087.54	3277.62	2.75	
14400.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2139.29	3329.65	2.80	
14500.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2193.95	3383.83	2.84	
14600.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2251.36	3440.06	2.89	
14700.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2308.77	3498.25	2.94	
14800.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2366.62	3558.30	2.99	
14900.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2426.88	3620.12	3.03	
15000.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2489.42	3683.61	3.08	

5D Anti-Collision Report

Secondary Well: Curry Fed #3 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
15100.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2554.08	3748.70	3.14	
15200.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2620.73	3815.29	3.19	
15300.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2689.25	3883.32	3.25	
15400.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2759.52	3952.71	3.31	
15500.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2831.43	4023.39	3.38	
15600.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2901.59	4095.29	3.43	
15700.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2973.20	4168.35	3.49	
15800.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	3046.26	4242.51	3.55	
15900.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	3120.68	4317.71	3.61	
15905.97	11400.00	11342.50	90.00	1134.25	1134.25	37.65	3125.17	4322.23	3.61	
Secondary Well: Curry Fed #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
0.00	55.50	0.00	58.17	0.00	0.00	0.00	3418.93	3419.57	5346.73	
100.00	100.00	44.50	58.17	4.45	4.45	1.23	3413.92	3419.12	657.90	
200.00	200.00	144.50	58.17	14.45	14.45	4.00	3403.70	3419.12	221.80	
300.00	300.00	244.50	58.17	24.45	24.45	4.64	3393.48	3419.12	133.38	
400.00	400.00	344.50	58.17	34.45	34.45	4.67	3383.26	3419.12	95.36	
500.00	500.00	444.50	58.17	44.45	44.45	4.72	3373.04	3419.12	74.21	
600.00	600.00	544.50	58.17	54.45	54.45	4.78	3362.82	3419.12	60.74	
700.00	700.00	644.50	58.17	64.45	64.45	4.85	3352.60	3419.12	51.41	
800.00	800.00	744.50	58.17	74.45	74.45	4.93	3342.39	3419.12	44.56	
900.00	900.00	844.50	58.17	84.45	84.45	5.01	3332.17	3419.12	39.32	
1000.00	1000.00	944.50	58.17	94.45	94.45	5.11	3321.95	3419.12	35.19	
1100.00	1100.00	1044.50	58.17	104.45	104.45	5.21	3311.73	3419.12	31.84	
1200.00	1200.00	1144.50	58.17	114.45	114.45	5.32	3301.51	3419.12	29.07	
1300.00	1300.00	1244.50	58.17	124.45	124.45	5.44	3291.29	3419.12	26.75	
1400.00	1400.00	1344.50	58.17	134.45	134.45	5.56	3281.07	3419.12	24.77	
1500.00	1500.00	1444.50	58.17	144.45	144.45	5.69	3270.85	3419.12	23.06	
1600.00	1600.00	1544.50	58.17	154.45	154.45	5.82	3260.63	3419.12	21.57	
1700.00	1700.00	1644.50	58.17	164.45	164.45	5.96	3250.41	3419.12	20.27	
1800.00	1800.00	1744.50	58.17	174.45	174.45	6.10	3240.19	3419.12	19.11	
1900.00	1900.00	1844.50	58.17	184.45	184.45	6.24	3229.97	3419.12	18.08	
2000.00	2000.00	1944.50	58.17	194.45	194.45	6.39	3219.75	3419.12	17.15	
2100.00	2100.00	2044.50	58.17	204.45	204.45	6.54	3209.53	3419.12	16.31	
2200.00	2200.00	2144.50	58.17	214.45	214.45	6.70	3199.31	3419.12	15.56	
2300.00	2300.00	2244.50	58.17	224.45	224.45	6.86	3189.09	3419.12	14.86	
2400.00	2400.00	2344.50	58.17	234.45	234.45	7.02	3178.87	3419.12	14.23	
2500.00	2500.00	2444.50	58.17	244.45	244.45	7.18	3168.65	3419.12	13.65	
2600.00	2600.00	2544.50	58.17	254.45	254.45	7.35	3158.43	3419.12	13.12	
2700.00	2700.00	2644.50	58.17	264.45	264.45	7.52	3148.21	3419.12	12.62	
2800.00	2800.00	2744.50	58.17	274.45	274.45	7.70	3137.99	3419.12	12.16	
2900.00	2900.00	2844.50	58.17	284.45	284.45	7.87	3127.77	3419.12	11.74	
3000.00	3000.00	2944.50	58.17	294.45	294.45	8.05	3117.55	3419.12	11.34	
3100.00	3100.00	3044.50	58.17	304.45	304.45	8.23	3107.34	3419.12	10.97	
3200.00	3200.00	3144.50	58.17	314.45	314.45	8.41	3097.12	3419.12	10.62	
3300.00	3300.00	3244.50	58.17	324.45	324.45	8.60	3086.90	3419.12	10.29	
3400.00	3400.00	3344.50	58.17	334.45	334.45	8.79	3076.68	3419.12	9.98	
3500.00	3500.00	3444.50	58.17	344.45	344.45	8.98	3066.46	3419.12	9.70	
3600.00	3600.00	3544.50	58.17	354.45	354.45	9.17	3056.24	3419.12	9.42	
3700.00	3700.00	3644.50	58.17	364.45	364.45	9.37	3046.02	3419.12	9.16	
3800.00	3800.00	3744.50	58.17	374.45	374.45	9.57	3035.80	3419.12	8.92	
3900.00	3900.00	3844.50	58.17	384.45	384.45	9.77	3025.58	3419.12	8.69	
4000.00	4000.00	3944.50	58.17	394.45	394.45	9.98	3015.36	3419.12	8.47	
4100.00	4100.00	4044.50	58.17	404.45	404.45	10.19	3005.14	3419.12	8.26	
4200.00	4200.00	4144.50	58.17	414.45	414.45	10.40	2994.92	3419.12	8.06	
4300.00	4300.00	4244.50	58.17	424.45	424.45	10.61	2984.70	3419.12	7.87	
4400.00	4400.00	4344.50	58.17	434.45	434.45	10.83	2974.48	3419.12	7.69	

5D Anti-Collision Report

Secondary Well: Curry Fed #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
4500.00	4500.00	4444.50	58.17	444.45	444.45	11.05	2964.26	3419.12	7.52	
4600.00	4600.00	4544.50	58.17	454.45	454.45	11.28	2954.04	3419.12	7.35	
4700.00	4700.00	4644.50	58.17	464.45	464.45	11.51	2943.82	3419.12	7.19	
4800.00	4800.00	4744.50	58.17	474.45	474.45	11.74	2933.60	3419.12	7.04	
4900.00	4900.00	4844.50	58.17	484.45	484.45	11.97	2923.38	3419.12	6.90	
5000.00	5000.00	4944.50	58.17	494.45	494.45	12.21	2913.16	3419.12	6.76	
5100.00	5100.00	5044.50	58.17	504.45	504.45	12.45	2902.94	3419.12	6.62	
5200.00	5200.00	5144.50	58.17	514.45	514.45	12.70	2892.72	3419.12	6.50	
5300.00	5300.00	5244.50	58.17	524.45	524.45	12.95	2882.50	3419.12	6.37	
5400.00	5400.00	5344.50	58.17	534.45	534.45	13.20	2872.28	3419.12	6.25	
5500.00	5500.00	5444.50	58.17	544.45	544.45	13.46	2862.07	3419.12	6.14	
5600.00	5600.00	5544.50	58.17	554.45	554.45	13.72	2851.85	3419.12	6.03	
5700.00	5700.00	5644.50	58.17	564.45	564.45	13.99	2841.63	3419.12	5.92	
5800.00	5800.00	5744.50	58.17	574.45	574.45	14.26	2831.41	3419.12	5.82	
5900.00	5900.00	5844.50	58.17	584.45	584.45	14.53	2821.19	3419.12	5.72	
6000.00	6000.00	5944.50	58.17	594.45	594.45	14.81	2810.97	3419.12	5.62	
6100.00	6100.00	6044.50	58.17	604.45	604.45	15.10	2800.75	3419.12	5.53	
6200.00	6200.00	6144.50	58.17	614.45	614.45	15.38	2790.53	3419.12	5.44	
6300.00	6300.00	6244.50	58.17	624.45	624.45	15.68	2780.31	3419.12	5.35	
6400.00	6400.00	6344.50	58.17	634.45	634.45	15.97	2770.09	3419.12	5.27	
6500.00	6500.00	6444.50	58.17	644.45	644.45	16.28	2759.87	3419.12	5.19	
6600.00	6600.00	6544.50	58.17	654.45	654.45	16.58	2749.65	3419.12	5.11	
6700.00	6700.00	6644.50	58.17	664.45	664.45	16.89	2739.43	3419.12	5.03	
6800.00	6800.00	6744.50	58.17	674.45	674.45	17.21	2729.21	3419.12	4.96	
6900.00	6900.00	6844.50	58.17	684.45	684.45	17.53	2718.99	3419.12	4.88	
7000.00	7000.00	6944.50	58.17	694.45	694.45	17.86	2708.77	3419.12	4.81	
7100.00	7100.00	7044.50	58.17	704.45	704.45	18.19	2698.55	3419.12	4.75	
7200.00	7200.00	7144.50	58.17	714.45	714.45	18.52	2688.33	3419.12	4.68	
7300.00	7300.00	7244.50	58.17	724.45	724.45	18.87	2678.11	3419.12	4.61	
7400.00	7400.00	7344.50	58.17	734.45	734.45	19.21	2667.89	3419.12	4.55	
7500.00	7500.00	7444.50	58.17	744.45	744.45	19.56	2657.67	3419.12	4.49	
7600.00	7600.00	7544.50	58.17	754.45	754.45	19.92	2647.45	3419.12	4.43	
7700.00	7700.00	7644.50	58.17	764.45	764.45	20.28	2637.23	3419.12	4.37	
7800.00	7800.00	7744.50	58.17	774.45	774.45	20.65	2627.01	3419.12	4.32	
7900.00	7900.00	7844.50	58.17	784.45	784.45	21.02	2616.80	3419.12	4.26	
8000.00	8000.00	7944.50	58.17	794.45	794.45	21.40	2606.58	3419.12	4.21	
8100.00	8100.00	8044.50	58.17	804.45	804.45	21.79	2596.36	3419.12	4.16	
8200.00	8200.00	8144.50	58.17	814.45	814.45	22.17	2586.14	3419.12	4.10	
8300.00	8300.00	8244.50	58.17	824.45	824.45	22.57	2575.92	3419.12	4.05	
8400.00	8400.00	8344.50	58.17	834.45	834.45	22.97	2565.70	3419.12	4.01	
8500.00	8500.00	8444.50	58.17	844.45	844.45	23.38	2555.48	3419.12	3.96	
8600.00	8600.00	8544.50	58.17	854.45	854.45	23.79	2545.26	3419.12	3.91	
8700.00	8700.00	8644.50	58.17	864.45	864.45	24.20	2535.04	3419.12	3.87	
8800.00	8800.00	8744.50	58.17	874.45	874.45	24.63	2524.82	3419.12	3.82	
8900.00	8900.00	8844.50	58.17	884.45	884.45	25.05	2514.60	3419.12	3.78	
9000.00	9000.00	8944.50	58.17	894.45	894.45	25.49	2504.38	3419.12	3.74	
9100.00	9100.00	9044.50	58.17	904.45	904.45	25.93	2494.16	3419.12	3.70	
9200.00	9200.00	9144.50	58.17	914.45	914.45	26.37	2483.94	3419.12	3.66	
9300.00	9300.00	9244.50	58.17	924.45	924.45	26.83	2473.72	3419.12	3.62	
9400.00	9400.00	9344.50	58.17	934.45	934.45	27.28	2463.50	3419.12	3.58	
9500.00	9500.00	9444.50	58.17	944.45	944.45	27.75	2453.28	3419.12	3.54	
9600.00	9600.00	9544.50	58.17	954.45	954.45	28.21	2443.06	3419.12	3.50	
9700.00	9700.00	9644.50	58.17	964.45	964.45	28.69	2432.84	3419.12	3.47	
9800.00	9800.00	9744.50	58.17	974.45	974.45	29.17	2422.62	3419.12	3.43	
9900.00	9900.00	9844.50	58.17	984.45	984.45	29.65	2412.40	3419.12	3.40	
10000.00	10000.00	9944.50	58.17	994.45	994.45	30.15	2402.18	3419.12	3.36	
10100.00	10100.00	10044.50	58.17	1004.45	1004.45	30.65	2391.96	3419.12	3.33	
10200.00	10200.00	10144.50	58.17	1014.45	1014.45	31.15	2381.74	3419.12	3.30	

5D Anti-Collision Report

Secondary Well: Curry Fed #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
10300.00	10300.00	10244.50	58.17	1024.45	1024.45	31.66	2371.53	3419.12	3.26	
10400.00	10400.00	10344.50	58.17	1034.45	1034.45	32.17	2361.31	3419.12	3.23	
10500.00	10500.00	10444.50	58.17	1044.45	1044.45	32.70	2351.09	3419.12	3.20	
10600.00	10600.00	10544.50	58.17	1054.45	1054.45	33.22	2340.87	3419.12	3.17	
10700.00	10700.00	10644.50	58.17	1064.45	1064.45	33.76	2330.65	3419.12	3.14	
10800.00	10800.00	10744.50	58.17	1074.45	1074.45	34.30	2320.43	3419.12	3.11	
10900.00	10899.80	10844.30	58.96	1084.43	1084.43	34.84	2307.86	3416.71	3.08	
11000.00	10997.39	10941.89	60.21	1094.19	1094.19	35.38	2286.72	3405.72	3.04	
11100.00	11089.79	11034.29	62.47	1103.43	1103.43	35.89	2257.68	3386.40	3.00	
11200.00	11174.21	11118.71	65.67	1111.87	1111.87	36.37	2222.22	3359.71	2.95	
11300.00	11248.09	11192.59	69.70	1119.26	1119.26	36.79	2182.03	3327.02	2.91	
11400.00	11309.17	11253.67	74.36	1125.37	1125.37	37.14	2139.17	3289.92	2.86	
11500.00	11355.60	11300.10	79.33	1130.01	1130.01	37.40	2095.81	3250.19	2.82	
11600.00	11385.97	11330.47	84.28	1133.05	1133.05	37.58	2053.94	3209.60	2.78	
11700.00	11399.36	11343.86	88.86	1134.39	1134.39	37.66	2009.95	3169.86	2.73	
11800.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1970.30	3132.38	2.70	
11900.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1934.38	3097.67	2.66	
12000.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1902.32	3065.83	2.63	
12100.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1874.14	3036.96	2.61	
12200.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1848.57	3011.12	2.59	
12300.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1822.37	2988.41	2.56	
12400.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1800.51	2968.90	2.54	
12500.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1783.12	2952.65	2.52	
12600.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1770.28	2939.71	2.51	
12700.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1761.93	2930.13	2.51	
12800.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1751.68	2923.94	2.49	SF(Lo)
12900.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1746.03	2921.16	2.49	SF(Lo)
13000.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1745.15	2921.80	2.48	SF(Lo)
13100.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1749.02	2925.86	2.49	SF(Lo)
13200.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1757.64	2933.33	2.49	SF(Lo)
13300.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1765.15	2944.18	2.50	SF(Lo)
13400.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1776.47	2958.37	2.50	
13500.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1792.37	2975.85	2.51	
13600.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1812.76	2996.58	2.53	
13700.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1837.63	3020.47	2.55	
13800.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1862.96	3047.46	2.57	
13900.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1889.82	3077.46	2.59	
14000.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1920.82	3110.39	2.61	
14100.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1955.76	3146.15	2.64	
14200.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	1994.49	3184.65	2.68	
14300.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2036.83	3225.80	2.71	
14400.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2078.51	3269.49	2.75	
14500.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2122.20	3315.61	2.78	
14600.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2169.13	3364.08	2.82	
14700.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2219.11	3414.79	2.86	
14800.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2272.00	3467.65	2.90	
14900.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2327.61	3522.55	2.95	
15000.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2385.81	3579.40	3.00	
15100.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2442.69	3638.11	3.04	
15200.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2501.30	3698.59	3.09	
15300.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2562.18	3760.77	3.14	
15400.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2625.19	3824.54	3.19	
15500.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2690.18	3889.84	3.24	
15600.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2757.05	3956.59	3.30	
15700.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2825.71	4024.72	3.36	
15800.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2896.04	4094.16	3.42	
15900.00	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2967.94	4164.84	3.48	
15905.97	11400.00	11344.50	90.00	1134.45	1134.45	37.66	2972.25	4169.10	3.48	

5D Anti-Collision Report

Secondary Well: Curry State#4 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
0.00	70.50	0.00	42.80	0.00	0.00	0.00	4257.49	4258.13	6657.90	
100.00	100.00	29.50	42.80	2.95	2.95	0.82	4253.85	4257.54	1151.98	
200.00	200.00	129.50	42.80	12.95	12.95	3.58	4243.63	4257.54	306.14	
300.00	300.00	229.50	42.80	22.95	22.95	4.63	4233.42	4257.54	176.52	
400.00	400.00	329.50	42.80	32.95	32.95	4.66	4223.21	4257.54	124.01	
500.00	500.00	429.50	42.80	42.95	42.95	4.71	4213.00	4257.54	95.58	
600.00	600.00	529.50	42.80	52.95	52.95	4.77	4202.78	4257.54	77.75	
700.00	700.00	629.50	42.80	62.95	62.95	4.84	4192.57	4257.54	65.53	
800.00	800.00	729.50	42.80	72.95	72.95	4.91	4182.36	4257.54	56.63	
900.00	900.00	829.50	42.80	82.95	82.95	5.00	4172.15	4257.54	49.86	
1000.00	1000.00	929.50	42.80	92.95	92.95	5.09	4161.93	4257.54	44.53	
1100.00	1100.00	1029.50	42.80	102.95	102.95	5.19	4151.72	4257.54	40.23	
1200.00	1200.00	1129.50	42.80	112.95	112.95	5.30	4141.51	4257.54	36.69	
1300.00	1300.00	1229.50	42.80	122.95	122.95	5.42	4131.30	4257.54	33.72	
1400.00	1400.00	1329.50	42.80	132.95	132.95	5.54	4121.08	4257.54	31.20	
1500.00	1500.00	1429.50	42.80	142.95	142.95	5.67	4110.87	4257.54	29.03	
1600.00	1600.00	1529.50	42.80	152.95	152.95	5.80	4100.66	4257.54	27.14	
1700.00	1700.00	1629.50	42.80	162.95	162.95	5.93	4090.45	4257.54	25.48	
1800.00	1800.00	1729.50	42.80	172.95	172.95	6.07	4080.23	4257.54	24.01	
1900.00	1900.00	1829.50	42.80	182.95	182.95	6.22	4070.02	4257.54	22.70	
2000.00	2000.00	1929.50	42.80	192.95	192.95	6.37	4059.81	4257.54	21.53	
2100.00	2100.00	2029.50	42.80	202.95	202.95	6.52	4049.60	4257.54	20.47	
2200.00	2200.00	2129.50	42.80	212.95	212.95	6.67	4039.38	4257.54	19.52	
2300.00	2300.00	2229.50	42.80	222.95	222.95	6.83	4029.17	4257.54	18.64	
2400.00	2400.00	2329.50	42.80	232.95	232.95	6.99	4018.96	4257.54	17.85	
2500.00	2500.00	2429.50	42.80	242.95	242.95	7.16	4008.75	4257.54	17.11	
2600.00	2600.00	2529.50	42.80	252.95	252.95	7.33	3998.53	4257.54	16.44	
2700.00	2700.00	2629.50	42.80	262.95	262.95	7.50	3988.32	4257.54	15.81	
2800.00	2800.00	2729.50	42.80	272.95	272.95	7.67	3978.11	4257.54	15.24	
2900.00	2900.00	2829.50	42.80	282.95	282.95	7.84	3967.90	4257.54	14.70	
3000.00	3000.00	2929.50	42.80	292.95	292.95	8.02	3957.68	4257.54	14.20	
3100.00	3100.00	3029.50	42.80	302.95	302.95	8.20	3947.47	4257.54	13.73	
3200.00	3200.00	3129.50	42.80	312.95	312.95	8.39	3937.26	4257.54	13.29	
3300.00	3300.00	3229.50	42.80	322.95	322.95	8.57	3927.05	4257.54	12.88	
3400.00	3400.00	3329.50	42.80	332.95	332.95	8.76	3916.83	4257.54	12.50	
3500.00	3500.00	3429.50	42.80	342.95	342.95	8.95	3906.62	4257.54	12.13	
3600.00	3600.00	3529.50	42.80	352.95	352.95	9.15	3896.41	4257.54	11.79	
3700.00	3700.00	3629.50	42.80	362.95	362.95	9.34	3886.20	4257.54	11.47	
3800.00	3800.00	3729.50	42.80	372.95	372.95	9.54	3875.98	4257.54	11.16	
3900.00	3900.00	3829.50	42.80	382.95	382.95	9.74	3865.77	4257.54	10.87	
4000.00	4000.00	3929.50	42.80	392.95	392.95	9.95	3855.56	4257.54	10.59	
4100.00	4100.00	4029.50	42.80	402.95	402.95	10.16	3845.35	4257.54	10.33	
4200.00	4200.00	4129.50	42.80	412.95	412.95	10.37	3835.13	4257.54	10.08	
4300.00	4300.00	4229.50	42.80	422.95	422.95	10.58	3824.92	4257.54	9.84	
4400.00	4400.00	4329.50	42.80	432.95	432.95	10.80	3814.71	4257.54	9.61	
4500.00	4500.00	4429.50	42.80	442.95	442.95	11.02	3804.50	4257.54	9.40	
4600.00	4600.00	4529.50	42.80	452.95	452.95	11.25	3794.28	4257.54	9.19	
4700.00	4700.00	4629.50	42.80	462.95	462.95	11.47	3784.07	4257.54	8.99	
4800.00	4800.00	4729.50	42.80	472.95	472.95	11.71	3773.86	4257.54	8.80	
4900.00	4900.00	4829.50	42.80	482.95	482.95	11.94	3763.65	4257.54	8.62	
5000.00	5000.00	4929.50	42.80	492.95	492.95	12.18	3753.43	4257.54	8.45	
5100.00	5100.00	5029.50	42.80	502.95	502.95	12.42	3743.22	4257.54	8.28	
5200.00	5200.00	5129.50	42.80	512.95	512.95	12.67	3733.01	4257.54	8.12	
5300.00	5300.00	5229.50	42.80	522.95	522.95	12.92	3722.80	4257.54	7.96	
5400.00	5400.00	5329.50	42.80	532.95	532.95	13.17	3712.58	4257.54	7.81	
5500.00	5500.00	5429.50	42.80	542.95	542.95	13.43	3702.37	4257.54	7.67	
5600.00	5600.00	5529.50	42.80	552.95	552.95	13.69	3692.16	4257.54	7.53	
5700.00	5700.00	5629.50	42.80	562.95	562.95	13.96	3681.94	4257.54	7.40	

5D Anti-Collision Report

Secondary Well: Curry State#4 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
5800.00	5800.00	5729.50	42.80	572.95	572.95	14.23	3671.73	4257.54	7.27	
5900.00	5900.00	5829.50	42.80	582.95	582.95	14.50	3661.52	4257.54	7.14	
6000.00	6000.00	5929.50	42.80	592.95	592.95	14.78	3651.31	4257.54	7.02	
6100.00	6100.00	6029.50	42.80	602.95	602.95	15.06	3641.09	4257.54	6.91	
6200.00	6200.00	6129.50	42.80	612.95	612.95	15.35	3630.88	4257.54	6.79	
6300.00	6300.00	6229.50	42.80	622.95	622.95	15.64	3620.67	4257.54	6.69	
6400.00	6400.00	6329.50	42.80	632.95	632.95	15.94	3610.46	4257.54	6.58	
6500.00	6500.00	6429.50	42.80	642.95	642.95	16.24	3600.24	4257.54	6.48	
6600.00	6600.00	6529.50	42.80	652.95	652.95	16.55	3590.03	4257.54	6.38	
6700.00	6700.00	6629.50	42.80	662.95	662.95	16.86	3579.82	4257.54	6.28	
6800.00	6800.00	6729.50	42.80	672.95	672.95	17.17	3569.61	4257.54	6.19	
6900.00	6900.00	6829.50	42.80	682.95	682.95	17.49	3559.39	4257.54	6.10	
7000.00	7000.00	6929.50	42.80	692.95	692.95	17.82	3549.18	4257.54	6.01	
7100.00	7100.00	7029.50	42.80	702.95	702.95	18.15	3538.97	4257.54	5.93	
7200.00	7200.00	7129.50	42.80	712.95	712.95	18.49	3528.76	4257.54	5.84	
7300.00	7300.00	7229.50	42.80	722.95	722.95	18.83	3518.54	4257.54	5.76	
7400.00	7400.00	7329.50	42.80	732.95	732.95	19.17	3508.33	4257.54	5.68	
7500.00	7500.00	7429.50	42.80	742.95	742.95	19.53	3498.12	4257.54	5.61	
7600.00	7600.00	7529.50	42.80	752.95	752.95	19.88	3487.91	4257.54	5.53	
7700.00	7700.00	7629.50	42.80	762.95	762.95	20.25	3477.69	4257.54	5.46	
7800.00	7800.00	7729.50	42.80	772.95	772.95	20.61	3467.48	4257.54	5.39	
7900.00	7900.00	7829.50	42.80	782.95	782.95	20.98	3457.27	4257.54	5.32	
8000.00	8000.00	7929.50	42.80	792.95	792.95	21.36	3447.06	4257.54	5.25	
8100.00	8100.00	8029.50	42.80	802.95	802.95	21.75	3436.84	4257.54	5.19	
8200.00	8200.00	8129.50	42.80	812.95	812.95	22.14	3426.63	4257.54	5.12	
8300.00	8300.00	8229.50	42.80	822.95	822.95	22.53	3416.42	4257.54	5.06	
8400.00	8400.00	8329.50	42.80	832.95	832.95	22.93	3406.21	4257.54	5.00	
8500.00	8500.00	8429.50	42.80	842.95	842.95	23.34	3395.99	4257.54	4.94	
8600.00	8600.00	8529.50	42.80	852.95	852.95	23.75	3385.78	4257.54	4.88	
8700.00	8700.00	8629.50	42.80	862.95	862.95	24.16	3375.57	4257.54	4.83	
8800.00	8800.00	8729.50	42.80	872.95	872.95	24.59	3365.36	4257.54	4.77	
8900.00	8900.00	8829.50	42.80	882.95	882.95	25.01	3355.14	4257.54	4.72	
9000.00	9000.00	8929.50	42.80	892.95	892.95	25.45	3344.93	4257.54	4.67	
9100.00	9100.00	9029.50	42.80	902.95	902.95	25.89	3334.72	4257.54	4.61	
9200.00	9200.00	9129.50	42.80	912.95	912.95	26.33	3324.51	4257.54	4.56	
9300.00	9300.00	9229.50	42.80	922.95	922.95	26.78	3314.29	4257.54	4.51	
9400.00	9400.00	9329.50	42.80	932.95	932.95	27.24	3304.08	4257.54	4.47	
9500.00	9500.00	9429.50	42.80	942.95	942.95	27.70	3293.87	4257.54	4.42	
9600.00	9600.00	9529.50	42.80	952.95	952.95	28.17	3283.66	4257.54	4.37	
9700.00	9700.00	9629.50	42.80	962.95	962.95	28.65	3273.44	4257.54	4.33	
9800.00	9800.00	9729.50	42.80	972.95	972.95	29.13	3263.23	4257.54	4.28	
9900.00	9900.00	9829.50	42.80	982.95	982.95	29.61	3253.02	4257.54	4.24	
10000.00	10000.00	9929.50	42.80	992.95	992.95	30.10	3242.81	4257.54	4.20	
10100.00	10100.00	10029.50	42.80	1002.95	1002.95	30.60	3232.59	4257.54	4.15	
10200.00	10200.00	10129.50	42.80	1012.95	1012.95	31.10	3222.38	4257.54	4.11	
10300.00	10300.00	10229.50	42.80	1022.95	1022.95	31.61	3212.17	4257.54	4.07	
10400.00	10400.00	10329.50	42.80	1032.95	1032.95	32.13	3201.96	4257.54	4.03	
10500.00	10500.00	10429.50	42.80	1042.95	1042.95	32.65	3191.74	4257.54	3.99	
10600.00	10600.00	10529.50	42.80	1052.95	1052.95	33.18	3181.53	4257.54	3.96	
10700.00	10700.00	10629.50	42.80	1062.95	1062.95	33.71	3171.32	4257.54	3.92	
10800.00	10800.00	10729.50	42.80	1072.95	1072.95	34.25	3161.11	4257.54	3.88	
10900.00	10899.80	10829.30	43.59	1082.93	1082.93	34.79	3147.55	4254.17	3.84	
11000.00	10997.39	10926.89	44.88	1092.69	1092.69	35.33	3122.35	4238.73	3.80	
11100.00	11089.79	11019.29	47.29	1101.93	1101.93	35.85	3085.92	4211.35	3.74	
11200.00	11174.21	11103.71	50.93	1110.37	1110.37	36.32	3039.63	4173.07	3.68	
11300.00	11248.09	11177.59	55.92	1117.76	1117.76	36.74	2985.28	4125.34	3.62	
11400.00	11309.17	11238.67	62.33	1123.87	1123.87	37.09	2923.69	4069.92	3.55	
11500.00	11355.60	11285.10	70.06	1128.51	1128.51	37.36	2856.40	4008.84	3.48	

5D Anti-Collision Report

Secondary Well: Curry State#4 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
11600.00	11385.97	11315.47	78.71	1131.55	1131.55	37.53	2787.36	3944.28	3.41	
11700.00	11399.36	11328.86	87.64	1132.89	1132.89	37.61	2719.00	3878.46	3.35	
11800.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2653.05	3813.42	3.29	
11900.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2589.08	3749.91	3.23	
12000.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2527.08	3688.01	3.18	
12100.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2467.18	3627.82	3.13	
12200.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2409.61	3569.42	3.08	
12300.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2351.96	3512.89	3.03	
12400.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2294.74	3458.33	2.97	
12500.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2240.05	3405.83	2.92	
12600.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2188.07	3355.49	2.87	
12700.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2139.06	3307.41	2.83	
12800.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2093.18	3261.68	2.79	
12900.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2050.62	3218.42	2.76	
13000.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2007.11	3177.71	2.71	
13100.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1965.73	3139.67	2.67	
13200.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1928.03	3104.38	2.64	
13300.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1894.21	3071.94	2.61	
13400.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1864.43	3042.44	2.58	
13500.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1838.66	3015.97	2.56	
13600.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1811.04	2992.61	2.53	
13700.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1787.67	2972.44	2.51	
13800.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1768.68	2955.51	2.49	SF(Lo)
13900.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1754.29	2941.88	2.48	SF(Lo)
14000.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1744.58	2931.60	2.47	SF(Lo)
14100.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1734.41	2924.71	2.46	SF(Lo)
14200.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1727.49	2921.23	2.45	SF(Lo)
14300.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1725.38	2921.17	2.44	SF(Lo)
14400.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1728.08	2924.53	2.44	SF(Lo)
14500.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1735.57	2931.30	2.45	SF(Lo)
14600.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1743.37	2941.46	2.46	SF(Lo)
14700.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1753.66	2954.96	2.46	SF(Lo)
14800.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1768.62	2971.78	2.47	SF(Lo)
14900.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1788.14	2991.84	2.49	SF(Lo)
15000.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1812.13	3015.08	2.51	
15100.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1837.97	3041.44	2.53	
15200.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1864.15	3070.83	2.54	
15300.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1894.48	3103.17	2.57	
15400.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1928.80	3138.36	2.59	
15500.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	1966.95	3176.31	2.63	
15600.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2008.75	3216.92	2.66	
15700.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2051.06	3260.10	2.70	
15800.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2094.29	3305.73	2.73	
15900.00	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2140.79	3353.73	2.76	
15905.97	11400.00	11329.50	90.00	1132.95	1132.95	37.61	2143.67	3356.67	2.77	

Secondary Well: Curry State #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
0.00	57.50	0.00	32.96	0.00	0.00	0.00	5295.50	5296.14	8280.92	
100.00	100.00	42.50	32.96	4.25	4.25	1.18	5290.83	5295.83	1060.53	
200.00	200.00	142.50	32.96	14.25	14.25	3.94	5280.62	5295.83	348.33	
300.00	300.00	242.50	32.96	24.25	24.25	4.64	5270.41	5295.83	208.38	
400.00	400.00	342.50	32.96	34.25	34.25	4.67	5260.20	5295.83	148.65	
500.00	500.00	442.50	32.96	44.25	44.25	4.72	5249.99	5295.83	115.54	
600.00	600.00	542.50	32.96	54.25	54.25	4.78	5239.78	5295.83	94.49	
700.00	700.00	642.50	32.96	64.25	64.25	4.85	5229.57	5295.83	79.93	
800.00	800.00	742.50	32.96	74.25	74.25	4.93	5219.36	5295.83	69.25	
900.00	900.00	842.50	32.96	84.25	84.25	5.01	5209.15	5295.83	61.10	

5D Anti-Collision Report

Secondary Well: Curry State #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
1000.00	1000.00	942.50	32.96	94.25	94.25	5.11	5198.93	5295.83	54.66	
1100.00	1100.00	1042.50	32.96	104.25	104.25	5.21	5188.72	5295.83	49.45	
1200.00	1200.00	1142.50	32.96	114.25	114.25	5.32	5178.51	5295.83	45.14	
1300.00	1300.00	1242.50	32.96	124.25	124.25	5.44	5168.30	5295.83	41.53	
1400.00	1400.00	1342.50	32.96	134.25	134.25	5.56	5158.09	5295.83	38.45	
1500.00	1500.00	1442.50	32.96	144.25	144.25	5.68	5147.88	5295.83	35.80	
1600.00	1600.00	1542.50	32.96	154.25	154.25	5.82	5137.67	5295.83	33.48	
1700.00	1700.00	1642.50	32.96	164.25	164.25	5.95	5127.46	5295.83	31.45	
1800.00	1800.00	1742.50	32.96	174.25	174.25	6.09	5117.24	5295.83	29.65	
1900.00	1900.00	1842.50	32.96	184.25	184.25	6.24	5107.03	5295.83	28.05	
2000.00	2000.00	1942.50	32.96	194.25	194.25	6.39	5096.82	5295.83	26.61	
2100.00	2100.00	2042.50	32.96	204.25	204.25	6.54	5086.61	5295.83	25.31	
2200.00	2200.00	2142.50	32.96	214.25	214.25	6.70	5076.40	5295.83	24.13	
2300.00	2300.00	2242.50	32.96	224.25	224.25	6.85	5066.19	5295.83	23.06	
2400.00	2400.00	2342.50	32.96	234.25	234.25	7.02	5055.98	5295.83	22.08	
2500.00	2500.00	2442.50	32.96	244.25	244.25	7.18	5045.77	5295.83	21.18	
2600.00	2600.00	2542.50	32.96	254.25	254.25	7.35	5035.56	5295.83	20.35	
2700.00	2700.00	2642.50	32.96	264.25	264.25	7.52	5025.34	5295.83	19.58	
2800.00	2800.00	2742.50	32.96	274.25	274.25	7.69	5015.13	5295.83	18.87	
2900.00	2900.00	2842.50	32.96	284.25	284.25	7.87	5004.92	5295.83	18.20	
3000.00	3000.00	2942.50	32.96	294.25	294.25	8.05	4994.71	5295.83	17.59	
3100.00	3100.00	3042.50	32.96	304.25	304.25	8.23	4984.50	5295.83	17.01	
3200.00	3200.00	3142.50	32.96	314.25	314.25	8.41	4974.29	5295.83	16.47	
3300.00	3300.00	3242.50	32.96	324.25	324.25	8.60	4964.08	5295.83	15.96	
3400.00	3400.00	3342.50	32.96	334.25	334.25	8.78	4953.87	5295.83	15.49	
3500.00	3500.00	3442.50	32.96	344.25	344.25	8.98	4943.65	5295.83	15.04	
3600.00	3600.00	3542.50	32.96	354.25	354.25	9.17	4933.44	5295.83	14.61	
3700.00	3700.00	3642.50	32.96	364.25	364.25	9.37	4923.23	5295.83	14.21	
3800.00	3800.00	3742.50	32.96	374.25	374.25	9.57	4913.02	5295.83	13.83	
3900.00	3900.00	3842.50	32.96	384.25	384.25	9.77	4902.81	5295.83	13.47	
4000.00	4000.00	3942.50	32.96	394.25	394.25	9.98	4892.60	5295.83	13.13	
4100.00	4100.00	4042.50	32.96	404.25	404.25	10.18	4882.39	5295.83	12.81	
4200.00	4200.00	4142.50	32.96	414.25	414.25	10.39	4872.18	5295.83	12.50	
4300.00	4300.00	4242.50	32.96	424.25	424.25	10.61	4861.97	5295.83	12.21	
4400.00	4400.00	4342.50	32.96	434.25	434.25	10.83	4851.75	5295.83	11.93	
4500.00	4500.00	4442.50	32.96	444.25	444.25	11.05	4841.54	5295.83	11.66	
4600.00	4600.00	4542.50	32.96	454.25	454.25	11.27	4831.33	5295.83	11.40	
4700.00	4700.00	4642.50	32.96	464.25	464.25	11.50	4821.12	5295.83	11.16	
4800.00	4800.00	4742.50	32.96	474.25	474.25	11.73	4810.91	5295.83	10.92	
4900.00	4900.00	4842.50	32.96	484.25	484.25	11.97	4800.70	5295.83	10.70	
5000.00	5000.00	4942.50	32.96	494.25	494.25	12.21	4790.49	5295.83	10.48	
5100.00	5100.00	5042.50	32.96	504.25	504.25	12.45	4780.28	5295.83	10.27	
5200.00	5200.00	5142.50	32.96	514.25	514.25	12.69	4770.06	5295.83	10.07	
5300.00	5300.00	5242.50	32.96	524.25	524.25	12.94	4759.85	5295.83	9.88	
5400.00	5400.00	5342.50	32.96	534.25	534.25	13.20	4749.64	5295.83	9.70	
5500.00	5500.00	5442.50	32.96	544.25	544.25	13.46	4739.43	5295.83	9.52	
5600.00	5600.00	5542.50	32.96	554.25	554.25	13.72	4729.22	5295.83	9.35	
5700.00	5700.00	5642.50	32.96	564.25	564.25	13.98	4719.01	5295.83	9.18	
5800.00	5800.00	5742.50	32.96	574.25	574.25	14.25	4708.80	5295.83	9.02	
5900.00	5900.00	5842.50	32.96	584.25	584.25	14.53	4698.59	5295.83	8.87	
6000.00	6000.00	5942.50	32.96	594.25	594.25	14.81	4688.38	5295.83	8.72	
6100.00	6100.00	6042.50	32.96	604.25	604.25	15.09	4678.16	5295.83	8.57	
6200.00	6200.00	6142.50	32.96	614.25	614.25	15.38	4667.95	5295.83	8.43	
6300.00	6300.00	6242.50	32.96	624.25	624.25	15.67	4657.74	5295.83	8.30	
6400.00	6400.00	6342.50	32.96	634.25	634.25	15.97	4647.53	5295.83	8.17	
6500.00	6500.00	6442.50	32.96	644.25	644.25	16.27	4637.32	5295.83	8.04	
6600.00	6600.00	6542.50	32.96	654.25	654.25	16.58	4627.11	5295.83	7.92	
6700.00	6700.00	6642.50	32.96	664.25	664.25	16.89	4616.90	5295.83	7.80	

5D Anti-Collision Report

Secondary Well: Curry State #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
6800.00	6800.00	6742.50	32.96	674.25	674.25	17.21	4606.69	5295.83	7.68	
6900.00	6900.00	6842.50	32.96	684.25	684.25	17.53	4596.47	5295.83	7.57	
7000.00	7000.00	6942.50	32.96	694.25	694.25	17.85	4586.26	5295.83	7.46	
7100.00	7100.00	7042.50	32.96	704.25	704.25	18.18	4576.05	5295.83	7.36	
7200.00	7200.00	7142.50	32.96	714.25	714.25	18.52	4565.84	5295.83	7.25	
7300.00	7300.00	7242.50	32.96	724.25	724.25	18.86	4555.63	5295.83	7.15	
7400.00	7400.00	7342.50	32.96	734.25	734.25	19.21	4545.42	5295.83	7.06	
7500.00	7500.00	7442.50	32.96	744.25	744.25	19.56	4535.21	5295.83	6.96	
7600.00	7600.00	7542.50	32.96	754.25	754.25	19.92	4525.00	5295.83	6.87	
7700.00	7700.00	7642.50	32.96	764.25	764.25	20.28	4514.79	5295.83	6.78	
7800.00	7800.00	7742.50	32.96	774.25	774.25	20.65	4504.57	5295.83	6.69	
7900.00	7900.00	7842.50	32.96	784.25	784.25	21.02	4494.36	5295.83	6.61	
8000.00	8000.00	7942.50	32.96	794.25	794.25	21.40	4484.15	5295.83	6.52	
8100.00	8100.00	8042.50	32.96	804.25	804.25	21.78	4473.94	5295.83	6.44	
8200.00	8200.00	8142.50	32.96	814.25	814.25	22.17	4463.73	5295.83	6.36	
8300.00	8300.00	8242.50	32.96	824.25	824.25	22.56	4453.52	5295.83	6.29	
8400.00	8400.00	8342.50	32.96	834.25	834.25	22.96	4443.31	5295.83	6.21	
8500.00	8500.00	8442.50	32.96	844.25	844.25	23.37	4433.10	5295.83	6.14	
8600.00	8600.00	8542.50	32.96	854.25	854.25	23.78	4422.88	5295.83	6.07	
8700.00	8700.00	8642.50	32.96	864.25	864.25	24.20	4412.67	5295.83	6.00	
8800.00	8800.00	8742.50	32.96	874.25	874.25	24.62	4402.46	5295.83	5.93	
8900.00	8900.00	8842.50	32.96	884.25	884.25	25.05	4392.25	5295.83	5.86	
9000.00	9000.00	8942.50	32.96	894.25	894.25	25.48	4382.04	5295.83	5.80	
9100.00	9100.00	9042.50	32.96	904.25	904.25	25.92	4371.83	5295.83	5.73	
9200.00	9200.00	9142.50	32.96	914.25	914.25	26.37	4361.62	5295.83	5.67	
9300.00	9300.00	9242.50	32.96	924.25	924.25	26.82	4351.41	5295.83	5.61	
9400.00	9400.00	9342.50	32.96	934.25	934.25	27.28	4341.20	5295.83	5.55	
9500.00	9500.00	9442.50	32.96	944.25	944.25	27.74	4330.98	5295.83	5.49	
9600.00	9600.00	9542.50	32.96	954.25	954.25	28.21	4320.77	5295.83	5.43	
9700.00	9700.00	9642.50	32.96	964.25	964.25	28.68	4310.56	5295.83	5.38	
9800.00	9800.00	9742.50	32.96	974.25	974.25	29.16	4300.35	5295.83	5.32	
9900.00	9900.00	9842.50	32.96	984.25	984.25	29.65	4290.14	5295.83	5.27	
10000.00	10000.00	9942.50	32.96	994.25	994.25	30.14	4279.93	5295.83	5.21	
10100.00	10100.00	10042.50	32.96	1004.25	1004.25	30.64	4269.72	5295.83	5.16	
10200.00	10200.00	10142.50	32.96	1014.25	1014.25	31.14	4259.51	5295.83	5.11	
10300.00	10300.00	10242.50	32.96	1024.25	1024.25	31.65	4249.29	5295.83	5.06	
10400.00	10400.00	10342.50	32.96	1034.25	1034.25	32.17	4239.08	5295.83	5.01	
10500.00	10500.00	10442.50	32.96	1044.25	1044.25	32.69	4228.87	5295.83	4.96	
10600.00	10600.00	10542.50	32.96	1054.25	1054.25	33.22	4218.66	5295.83	4.92	
10700.00	10700.00	10642.50	32.96	1064.25	1064.25	33.75	4208.45	5295.83	4.87	
10800.00	10800.00	10742.50	32.96	1074.25	1074.25	34.29	4198.24	5295.83	4.82	
10900.00	10899.80	10842.30	33.71	1084.23	1084.23	34.83	4184.17	5291.96	4.78	
11000.00	10997.39	10939.89	34.86	1093.99	1093.99	35.37	4156.62	5274.23	4.72	
11100.00	11089.79	11032.29	37.05	1103.23	1103.23	35.89	4115.93	5242.72	4.65	
11200.00	11174.21	11116.71	40.49	1111.67	1111.67	36.36	4063.45	5198.49	4.58	
11300.00	11248.09	11190.59	45.49	1119.06	1119.06	36.78	4001.02	5143.03	4.50	
11400.00	11309.17	11251.67	52.46	1125.17	1125.17	37.13	3930.66	5078.19	4.43	
11500.00	11355.60	11298.10	61.75	1129.81	1129.81	37.40	3854.10	5006.11	4.35	
11600.00	11385.97	11328.47	73.35	1132.85	1132.85	37.57	3772.88	4929.15	4.26	
11700.00	11399.36	11341.86	86.42	1134.19	1134.19	37.65	3690.99	4849.78	4.19	
11800.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	3610.40	4770.33	4.11	
11900.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	3530.78	4691.66	4.04	
12000.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	3452.12	4613.82	3.97	
12100.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	3374.48	4536.85	3.90	
12200.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	3297.82	4460.79	3.84	
12300.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	3222.29	4385.69	3.77	
12400.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	3148.00	4311.60	3.71	
12500.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	3075.02	4238.58	3.64	

5D Anti-Collision Report

Secondary Well: Curry State #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
12600.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	3003.46	4166.68	3.58	
12700.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2933.32	4095.95	3.52	
12800.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2861.27	4026.47	3.46	
12900.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2790.69	3958.30	3.39	
13000.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2721.80	3891.50	3.33	
13100.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2654.72	3826.15	3.27	
13200.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2589.58	3762.32	3.21	
13300.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2526.28	3700.09	3.15	
13400.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2465.07	3639.55	3.10	
13500.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2406.18	3580.78	3.05	
13600.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2348.23	3523.86	3.00	
13700.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2289.73	3468.90	2.94	
13800.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2233.75	3415.98	2.89	
13900.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2180.63	3365.19	2.84	
14000.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2130.47	3316.65	2.80	
14100.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2083.31	3270.45	2.75	
14200.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	2039.37	3226.68	2.72	
14300.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1995.61	3185.45	2.68	
14400.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1953.05	3146.86	2.64	
14500.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1914.18	3111.01	2.60	
14600.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1879.16	3077.99	2.57	
14700.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1848.18	3047.90	2.54	
14800.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1821.38	3020.81	2.52	
14900.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1793.59	2996.82	2.49	SF(Lo)
15000.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1768.94	2976.00	2.47	SF(Lo)
15100.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1748.79	2958.42	2.45	SF(Lo)
15200.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1733.25	2944.13	2.43	SF(Lo)
15300.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1722.41	2933.18	2.42	SF(Lo)
15400.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1712.47	2925.61	2.41	SF(Lo)
15500.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1704.47	2921.44	2.40	SF(Lo)
15600.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1701.30	2920.69	2.40	SF(Lo)
15700.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1702.98	2923.37	2.40	SF(Lo)
15800.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1709.49	2929.46	2.40	SF(Lo)
15900.00	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1717.69	2938.94	2.41	SF(Lo)
15905.97	11400.00	11342.50	90.00	1134.25	1134.25	37.65	1718.12	2939.62	2.41	SF(Lo)
Secondary Well: Curry Fed #2 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
0.00	0.00	3.50	15.30	0.35	0.35	0.10	477.04	478.03	483.67	
100.00	100.00	103.50	15.30	10.35	10.35	2.87	466.97	478.03	43.21	
200.00	200.00	203.50	15.30	20.35	20.35	4.62	456.78	478.03	22.49	
300.00	300.00	303.50	15.30	30.35	30.35	4.65	446.59	478.03	15.20	
400.00	400.00	403.50	15.30	40.35	40.35	4.70	436.40	478.03	11.48	
500.00	500.00	503.50	15.30	50.35	50.35	4.75	426.21	478.03	9.22	
600.00	600.00	603.50	15.30	60.35	60.35	4.82	416.02	478.03	7.71	
700.00	700.00	703.50	15.30	70.35	70.35	4.89	405.83	478.03	6.62	
800.00	800.00	803.50	15.30	80.35	80.35	4.98	395.63	478.03	5.80	
900.00	900.00	903.50	15.30	90.35	90.35	5.07	385.44	478.03	5.16	
1000.00	1000.00	1003.50	15.30	100.35	100.35	5.17	375.25	478.03	4.65	
1100.00	1100.00	1103.50	15.30	110.35	110.35	5.28	365.06	478.03	4.23	
1200.00	1200.00	1203.50	15.30	120.35	120.35	5.39	354.87	478.03	3.88	
1300.00	1300.00	1303.50	15.30	130.35	130.35	5.51	344.68	478.03	3.58	
1400.00	1400.00	1403.50	15.30	140.35	140.35	5.64	334.49	478.03	3.33	
1500.00	1500.00	1503.50	15.30	150.35	150.35	5.77	324.30	478.03	3.11	
1600.00	1600.00	1603.50	15.30	160.35	160.35	5.90	314.11	478.03	2.92	
1700.00	1700.00	1703.50	15.30	170.35	170.35	6.04	303.92	478.03	2.75	
1800.00	1800.00	1803.50	15.30	180.35	180.35	6.19	293.73	478.03	2.59	
1900.00	1900.00	1903.50	15.30	190.35	190.35	6.33	283.54	478.03	2.46	SF(Lo)

5D Anti-Collision Report

Secondary Well: Curry Fed #2 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
2000.00	2000.00	2003.50	15.30	200.35	200.35	6.48	273.35	478.03	2.34	SF(Lo)
2100.00	2100.00	2103.50	15.30	210.35	210.35	6.64	263.16	478.03	2.22	SF(Lo)
2200.00	2200.00	2203.50	15.30	220.35	220.35	6.80	252.97	478.03	2.12	SF(Lo)
2300.00	2300.00	2303.50	15.30	230.35	230.35	6.96	242.78	478.03	2.03	SF(Lo)
2400.00	2400.00	2403.50	15.30	240.35	240.35	7.12	232.59	478.03	1.95	SF(Lo)
2500.00	2500.00	2503.50	15.30	250.35	250.35	7.29	222.40	478.03	1.87	SF(Lo)
2600.00	2600.00	2603.50	15.30	260.35	260.35	7.46	212.21	478.03	1.80	SF(Lo)
2700.00	2700.00	2703.50	15.30	270.35	270.35	7.63	202.02	478.03	1.73	SF(Lo)
2800.00	2800.00	2803.50	15.30	280.35	280.35	7.80	191.83	478.03	1.67	SF(Lo)
2900.00	2900.00	2903.50	15.30	290.35	290.35	7.98	181.64	478.03	1.61	SF(Lo)
3000.00	3000.00	3003.50	15.30	300.35	300.35	8.16	171.45	478.03	1.56	SF(Lo)
3100.00	3100.00	3103.50	15.30	310.35	310.35	8.34	161.26	478.03	1.51	SF(Lo)
3200.00	3200.00	3203.50	15.30	320.35	320.35	8.52	151.07	478.03	1.46	SF(Med)
3300.00	3300.00	3303.50	15.30	330.35	330.35	8.71	140.88	478.03	1.42	SF(Med)
3400.00	3400.00	3403.50	15.30	340.35	340.35	8.90	130.68	478.03	1.38	SF(Med)
3500.00	3500.00	3503.50	15.30	350.35	350.35	9.09	120.49	478.03	1.34	SF(Med)
3600.00	3600.00	3603.50	15.30	360.35	360.35	9.29	110.30	478.03	1.30	SF(Med)
3700.00	3700.00	3703.50	15.30	370.35	370.35	9.49	100.11	478.03	1.26	SF(Med)
3800.00	3800.00	3803.50	15.30	380.35	380.35	9.69	89.92	478.03	1.23	SF(Med)
3900.00	3900.00	3903.50	15.30	390.35	390.35	9.89	79.73	478.03	1.20	SF(Med)
4000.00	4000.00	4003.50	15.30	400.35	400.35	10.10	69.54	478.03	1.17	SF(Med)
4100.00	4100.00	4103.50	15.30	410.35	410.35	10.31	59.35	478.03	1.14	SF(Med)
4200.00	4200.00	4203.50	15.30	420.35	420.35	10.52	49.16	478.03	1.11	SF(Med)
4300.00	4300.00	4303.50	15.30	430.35	430.35	10.73	38.97	478.03	1.09	SF(Med)
4400.00	4400.00	4403.50	15.30	440.35	440.35	10.95	28.78	478.03	1.06	SF(Med)
4500.00	4500.00	4503.50	15.30	450.35	450.35	11.17	18.59	478.03	1.04	SF(Med)
4600.00	4600.00	4603.50	15.30	460.35	460.35	11.40	8.40	478.03	1.02	SF(Med)
4700.00	4700.00	4703.50	15.30	470.35	470.35	11.63	-1.79	478.03	1.00	SF(Hi)
4800.00	4800.00	4803.50	15.30	480.35	480.35	11.86	-11.98	478.03	0.98	SF(Hi)
4900.00	4900.00	4903.50	15.30	490.35	490.35	12.10	-22.17	478.03	0.96	SF(Hi)
5000.00	5000.00	5003.50	15.30	500.35	500.35	12.33	-32.36	478.03	0.94	SF(Hi)
5100.00	5100.00	5103.50	15.30	510.35	510.35	12.58	-42.55	478.03	0.92	SF(Hi)
5200.00	5200.00	5203.50	15.30	520.35	520.35	12.83	-52.74	478.03	0.90	SF(Hi)
5300.00	5300.00	5303.50	15.30	530.35	530.35	13.08	-62.93	478.03	0.88	SF(Hi)
5400.00	5400.00	5403.50	15.30	540.35	540.35	13.33	-73.12	478.03	0.87	SF(Hi)
5500.00	5500.00	5503.50	15.30	550.35	550.35	13.59	-83.31	478.03	0.85	SF(Hi)
5600.00	5600.00	5603.50	15.30	560.35	560.35	13.85	-93.50	478.03	0.84	SF(Hi)
5700.00	5700.00	5703.50	15.30	570.35	570.35	14.12	-103.69	478.03	0.82	SF(Hi)
5800.00	5800.00	5803.50	15.30	580.35	580.35	14.39	-113.88	478.03	0.81	SF(Hi)
5900.00	5900.00	5903.50	15.30	590.35	590.35	14.67	-124.07	478.03	0.79	SF(Hi)
6000.00	6000.00	6003.50	15.30	600.35	600.35	14.94	-134.27	478.03	0.78	SF(Hi)
6100.00	6100.00	6103.50	15.30	610.35	610.35	15.23	-144.46	478.03	0.77	SF(Hi)
6200.00	6200.00	6203.50	15.30	620.35	620.35	15.52	-154.65	478.03	0.76	SF(Hi)
6300.00	6300.00	6303.50	15.30	630.35	630.35	15.81	-164.84	478.03	0.74	SF(Hi)
6400.00	6400.00	6403.50	15.30	640.35	640.35	16.11	-175.03	478.03	0.73	SF(Hi)
6500.00	6500.00	6503.50	15.30	650.35	650.35	16.41	-185.22	478.03	0.72	SF(Hi)
6600.00	6600.00	6603.50	15.30	660.35	660.35	16.72	-195.41	478.03	0.71	SF(Hi)
6700.00	6700.00	6703.50	15.30	670.35	670.35	17.03	-205.60	478.03	0.70	SF(Hi)
6800.00	6800.00	6803.50	15.30	680.35	680.35	17.35	-215.79	478.03	0.69	SF(Hi)
6900.00	6900.00	6903.50	15.30	690.35	690.35	17.67	-225.98	478.03	0.68	SF(Hi)
7000.00	7000.00	7003.50	15.30	700.35	700.35	18.00	-236.17	478.03	0.67	SF(Hi)
7100.00	7100.00	7103.50	15.30	710.35	710.35	18.33	-246.36	478.03	0.66	SF(Hi)
7200.00	7200.00	7203.50	15.30	720.35	720.35	18.67	-256.55	478.03	0.65	SF(Hi)
7300.00	7300.00	7303.50	15.30	730.35	730.35	19.01	-266.74	478.03	0.64	SF(Hi)
7400.00	7400.00	7403.50	15.30	740.35	740.35	19.36	-276.93	478.03	0.63	SF(Hi)
7500.00	7500.00	7503.50	15.30	750.35	750.35	19.71	-287.12	478.03	0.62	SF(Hi)
7600.00	7600.00	7603.50	15.30	760.35	760.35	20.07	-297.31	478.03	0.62	SF(Hi)
7700.00	7700.00	7703.50	15.30	770.35	770.35	20.43	-307.50	478.03	0.61	SF(Hi)

5D Anti-Collision Report

Secondary Well: Curry Fed #2 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
7800.00	7800.00	7803.50	15.30	780.35	780.35	20.80	-317.69	478.03	0.60	SF(Hi)
7900.00	7900.00	7903.50	15.30	790.35	790.35	21.17	-327.88	478.03	0.59	SF(Hi)
8000.00	8000.00	8003.50	15.30	800.35	800.35	21.55	-338.07	478.03	0.59	SF(Hi)
8100.00	8100.00	8103.50	15.30	810.35	810.35	21.94	-348.26	478.03	0.58	SF(Hi)
8200.00	8200.00	8203.50	15.30	820.35	820.35	22.33	-358.45	478.03	0.57	SF(Hi)
8300.00	8300.00	8303.50	15.30	830.35	830.35	22.72	-368.64	478.03	0.56	SF(Hi)
8400.00	8400.00	8403.50	15.30	840.35	840.35	23.13	-378.83	478.03	0.56	SF(Hi)
8500.00	8500.00	8503.50	15.30	850.35	850.35	23.53	-389.03	478.03	0.55	SF(Hi)
8600.00	8600.00	8603.50	15.30	860.35	860.35	23.95	-399.22	478.03	0.54	SF(Hi)
8700.00	8700.00	8703.50	15.30	870.35	870.35	24.36	-409.41	478.03	0.54	SF(Hi)
8800.00	8800.00	8803.50	15.30	880.35	880.35	24.79	-419.60	478.03	0.53	SF(Hi)
8900.00	8900.00	8903.50	15.30	890.35	890.35	25.22	-429.79	478.03	0.53	SF(Hi)
9000.00	9000.00	9003.50	15.30	900.35	900.35	25.65	-439.98	478.03	0.52	SF(Hi)
9100.00	9100.00	9103.50	15.30	910.35	910.35	26.09	-450.17	478.03	0.52	SF(Hi)
9200.00	9200.00	9203.50	15.30	920.35	920.35	26.54	-460.36	478.03	0.51	SF(Hi)
9300.00	9300.00	9303.50	15.30	930.35	930.35	26.99	-470.55	478.03	0.50	SF(Hi)
9400.00	9400.00	9403.50	15.30	940.35	940.35	27.45	-480.74	478.03	0.50	SF(Hi)
9500.00	9500.00	9503.50	15.30	950.35	950.35	27.91	-490.93	478.03	0.49	SF(Hi)
9600.00	9600.00	9603.50	15.30	960.35	960.35	28.38	-501.12	478.03	0.49	SF(Hi)
9700.00	9700.00	9703.50	15.30	970.35	970.35	28.86	-511.31	478.03	0.48	SF(Hi)
9800.00	9800.00	9803.50	15.30	980.35	980.35	29.34	-521.50	478.03	0.48	SF(Hi)
9900.00	9900.00	9903.50	15.30	990.35	990.35	29.83	-531.69	478.03	0.47	SF(Hi)
10000.00	10000.00	10003.50	15.30	1000.35	1000.35	30.32	-541.88	478.03	0.47	SF(Hi)
10100.00	10100.00	10103.50	15.30	1010.35	1010.35	30.82	-552.07	478.03	0.46	SF(Hi)
10200.00	10200.00	10203.50	15.30	1020.35	1020.35	31.33	-562.26	478.03	0.46	SF(Hi)
10300.00	10300.00	10303.50	15.30	1030.35	1030.35	31.84	-572.45	478.03	0.46	SF(Hi)
10400.00	10400.00	10403.50	15.30	1040.35	1040.35	32.36	-582.64	478.03	0.45	SF(Hi)
10500.00	10500.00	10503.50	15.30	1050.35	1050.35	32.88	-592.83	478.03	0.45	SF(Hi)
10600.00	10600.00	10603.50	15.30	1060.35	1060.35	33.41	-603.02	478.03	0.44	SF(Hi)
10700.00	10700.00	10703.50	15.30	1070.35	1070.35	33.94	-613.21	478.03	0.44	SF(Hi)
10800.00	10800.00	10803.50	15.30	1080.35	1080.35	34.48	-623.40	478.03	0.43	SF(Hi)
10900.00	10899.80	10903.30	16.09	1090.33	1090.33	35.03	-638.34	473.57	0.43	SF(Hi)
11000.00	10997.39	11000.89	17.45	1100.09	1100.09	35.57	-669.73	453.16	0.40	SF(Hi)
11100.00	11089.79	11093.29	20.30	1109.33	1109.33	36.08	-716.82	417.01	0.37	SF(Hi)
11200.00	11174.21	11177.71	25.53	1117.77	1117.77	36.56	-776.67	366.69	0.32	SF(Hi)
11300.00	11248.09	11251.59	34.87	1125.16	1125.16	36.98	-842.23	304.80	0.27	SF(Hi)
11400.00	11309.17	11312.67	50.81	1131.27	1131.27	37.33	-919.85	235.79	0.20	SF(Hi)
11500.00	11355.60	11359.10	72.23	1135.91	1135.91	37.60	-993.02	169.28	0.15	SF(Hi)
11600.00	11385.97	11389.47	88.74	1138.95	1138.95	37.77	-1032.62	130.89	0.11	SF(Hi)
11700.00	11399.36	11402.86	91.78	1140.29	1140.29	37.85	-1009.99	156.07	0.13	SF(Hi)
11800.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	-936.70	227.05	0.20	SF(Hi)
11900.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	-848.44	314.24	0.27	SF(Hi)
12000.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	-759.44	407.36	0.35	SF(Hi)
12100.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	-660.24	503.13	0.43	SF(Hi)
12200.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	-564.88	600.27	0.52	SF(Hi)
12300.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	-468.24	698.23	0.60	SF(Hi)
12400.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	-370.07	796.69	0.68	SF(Hi)
12500.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	-271.06	895.50	0.77	SF(Hi)
12600.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	-171.57	994.54	0.85	SF(Hi)
12700.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	-71.80	1093.76	0.94	SF(Hi)
12800.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	28.14	1193.10	1.02	SF(Med)
12900.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	128.17	1292.55	1.11	SF(Med)
13000.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	228.21	1392.08	1.20	SF(Med)
13100.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	328.29	1491.67	1.28	SF(Med)
13200.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	428.40	1591.31	1.37	SF(Med)
13300.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	528.32	1691.00	1.45	SF(Med)
13400.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	627.63	1790.72	1.54	SF(Lo)
13500.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	726.97	1890.47	1.62	SF(Lo)

5D Anti-Collision Report

Secondary Well: Curry Fed #2 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
13600.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	826.40	1990.24	1.71	SF(Lo)
13700.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	925.91	2090.04	1.80	SF(Lo)
13800.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	1025.49	2189.85	1.88	SF(Lo)
13900.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	1125.08	2289.68	1.97	SF(Lo)
14000.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	1224.79	2389.53	2.05	SF(Lo)
14100.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	1324.38	2489.38	2.14	SF(Lo)
14200.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	1424.09	2589.25	2.22	SF(Lo)
14300.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	1523.84	2689.13	2.31	SF(Lo)
14400.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	1623.62	2789.02	2.39	SF(Lo)
14500.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	1723.36	2888.91	2.48	SF(Lo)
14600.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	1823.11	2988.81	2.56	
14700.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	1922.88	3088.72	2.65	
14800.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	2022.67	3188.64	2.73	
14900.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	2122.47	3288.55	2.82	
15000.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	2222.28	3388.48	2.91	
15100.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	2322.10	3488.41	2.99	
15200.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	2421.94	3588.34	3.08	
15300.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	2521.78	3688.27	3.16	
15400.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	2621.62	3788.21	3.25	
15500.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	2721.47	3888.16	3.33	
15600.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	2821.33	3988.10	3.42	
15700.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	2921.19	4088.05	3.50	
15800.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	3021.06	4188.00	3.59	
15900.00	11400.00	11403.50	90.00	1140.35	1140.35	37.85	3120.93	4287.95	3.67	
15905.97	11400.00	11403.50	90.00	1140.35	1140.35	37.85	3126.89	4293.92	3.68	

Secondary Well: Keller 22 Fed #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
0.00	24.50	0.00	61.79	0.00	0.00	0.00	1588.80	1589.44	2485.20	
100.00	100.00	75.50	61.79	7.55	7.55	2.09	1580.96	1589.25	191.59	
200.00	200.00	175.50	61.79	17.55	17.55	4.61	1570.74	1589.25	85.84	
300.00	300.00	275.50	61.79	27.55	27.55	4.65	1560.52	1589.25	55.31	
400.00	400.00	375.50	61.79	37.55	37.55	4.69	1550.30	1589.25	40.80	
500.00	500.00	475.50	61.79	47.55	47.55	4.74	1540.08	1589.25	32.32	
600.00	600.00	575.50	61.79	57.55	57.55	4.80	1529.86	1589.25	26.76	
700.00	700.00	675.50	61.79	67.55	67.55	4.87	1519.64	1589.25	22.83	
800.00	800.00	775.50	61.79	77.55	77.55	4.95	1509.42	1589.25	19.91	
900.00	900.00	875.50	61.79	87.55	87.55	5.04	1499.20	1589.25	17.65	
1000.00	1000.00	975.50	61.79	97.55	97.55	5.14	1488.98	1589.25	15.85	
1100.00	1100.00	1075.50	61.79	107.55	107.55	5.25	1478.76	1589.25	14.38	
1200.00	1200.00	1175.50	61.79	117.55	117.55	5.36	1468.54	1589.25	13.17	
1300.00	1300.00	1275.50	61.79	127.55	127.55	5.48	1458.32	1589.25	12.14	
1400.00	1400.00	1375.50	61.79	137.55	137.55	5.60	1448.10	1589.25	11.26	
1500.00	1500.00	1475.50	61.79	147.55	147.55	5.73	1437.88	1589.25	10.50	
1600.00	1600.00	1575.50	61.79	157.55	157.55	5.86	1427.66	1589.25	9.84	
1700.00	1700.00	1675.50	61.79	167.55	167.55	6.00	1417.44	1589.25	9.25	
1800.00	1800.00	1775.50	61.79	177.55	177.55	6.14	1407.22	1589.25	8.73	
1900.00	1900.00	1875.50	61.79	187.55	187.55	6.29	1397.00	1589.25	8.27	
2000.00	2000.00	1975.50	61.79	197.55	197.55	6.44	1386.78	1589.25	7.85	
2100.00	2100.00	2075.50	61.79	207.55	207.55	6.59	1376.56	1589.25	7.47	
2200.00	2200.00	2175.50	61.79	217.55	217.55	6.75	1366.34	1589.25	7.13	
2300.00	2300.00	2275.50	61.79	227.55	227.55	6.91	1356.12	1589.25	6.82	
2400.00	2400.00	2375.50	61.79	237.55	237.55	7.07	1345.90	1589.25	6.53	
2500.00	2500.00	2475.50	61.79	247.55	247.55	7.24	1335.68	1589.25	6.27	
2600.00	2600.00	2575.50	61.79	257.55	257.55	7.41	1325.46	1589.25	6.02	
2700.00	2700.00	2675.50	61.79	267.55	267.55	7.58	1315.24	1589.25	5.80	
2800.00	2800.00	2775.50	61.79	277.55	277.55	7.75	1305.02	1589.25	5.59	
2900.00	2900.00	2875.50	61.79	287.55	287.55	7.93	1294.80	1589.25	5.40	

5D Anti-Collision Report

Secondary Well: Keller 22 Fed #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
3000.00	3000.00	2975.50	61.79	297.55	297.55	8.11	1284.58	1589.25	5.22	
3100.00	3100.00	3075.50	61.79	307.55	307.55	8.29	1274.36	1589.25	5.05	
3200.00	3200.00	3175.50	61.79	317.55	317.55	8.47	1264.14	1589.25	4.89	
3300.00	3300.00	3275.50	61.79	327.55	327.55	8.66	1253.92	1589.25	4.74	
3400.00	3400.00	3375.50	61.79	337.55	337.55	8.85	1243.70	1589.25	4.60	
3500.00	3500.00	3475.50	61.79	347.55	347.55	9.04	1233.48	1589.25	4.47	
3600.00	3600.00	3575.50	61.79	357.55	357.55	9.23	1223.26	1589.25	4.34	
3700.00	3700.00	3675.50	61.79	367.55	367.55	9.43	1213.04	1589.25	4.22	
3800.00	3800.00	3775.50	61.79	377.55	377.55	9.63	1202.82	1589.25	4.11	
3900.00	3900.00	3875.50	61.79	387.55	387.55	9.84	1192.60	1589.25	4.01	
4000.00	4000.00	3975.50	61.79	397.55	397.55	10.04	1182.38	1589.25	3.91	
4100.00	4100.00	4075.50	61.79	407.55	407.55	10.25	1172.16	1589.25	3.81	
4200.00	4200.00	4175.50	61.79	417.55	417.55	10.46	1161.94	1589.25	3.72	
4300.00	4300.00	4275.50	61.79	427.55	427.55	10.68	1151.73	1589.25	3.63	
4400.00	4400.00	4375.50	61.79	437.55	437.55	10.90	1141.51	1589.25	3.55	
4500.00	4500.00	4475.50	61.79	447.55	447.55	11.12	1131.29	1589.25	3.47	
4600.00	4600.00	4575.50	61.79	457.55	457.55	11.34	1121.07	1589.25	3.39	
4700.00	4700.00	4675.50	61.79	467.55	467.55	11.57	1110.85	1589.25	3.32	
4800.00	4800.00	4775.50	61.79	477.55	477.55	11.80	1100.63	1589.25	3.25	
4900.00	4900.00	4875.50	61.79	487.55	487.55	12.04	1090.41	1589.25	3.19	
5000.00	5000.00	4975.50	61.79	497.55	497.55	12.28	1080.19	1589.25	3.12	
5100.00	5100.00	5075.50	61.79	507.55	507.55	12.52	1069.97	1589.25	3.06	
5200.00	5200.00	5175.50	61.79	517.55	517.55	12.76	1059.75	1589.25	3.00	
5300.00	5300.00	5275.50	61.79	527.55	527.55	13.02	1049.53	1589.25	2.94	
5400.00	5400.00	5375.50	61.79	537.55	537.55	13.27	1039.31	1589.25	2.89	
5500.00	5500.00	5475.50	61.79	547.55	547.55	13.53	1029.09	1589.25	2.84	
5600.00	5600.00	5575.50	61.79	557.55	557.55	13.79	1018.87	1589.25	2.79	
5700.00	5700.00	5675.50	61.79	567.55	567.55	14.06	1008.65	1589.25	2.74	
5800.00	5800.00	5775.50	61.79	577.55	577.55	14.33	998.43	1589.25	2.69	
5900.00	5900.00	5875.50	61.79	587.55	587.55	14.60	988.21	1589.25	2.64	
6000.00	6000.00	5975.50	61.79	597.55	597.55	14.88	977.99	1589.25	2.60	
6100.00	6100.00	6075.50	61.79	607.55	607.55	15.17	967.77	1589.25	2.56	
6200.00	6200.00	6175.50	61.79	617.55	617.55	15.45	957.55	1589.25	2.52	
6300.00	6300.00	6275.50	61.79	627.55	627.55	15.75	947.33	1589.25	2.48	SF(Lo)
6400.00	6400.00	6375.50	61.79	637.55	637.55	16.05	937.11	1589.25	2.44	SF(Lo)
6500.00	6500.00	6475.50	61.79	647.55	647.55	16.35	926.89	1589.25	2.40	SF(Lo)
6600.00	6600.00	6575.50	61.79	657.55	657.55	16.66	916.67	1589.25	2.36	SF(Lo)
6700.00	6700.00	6675.50	61.79	667.55	667.55	16.97	906.45	1589.25	2.33	SF(Lo)
6800.00	6800.00	6775.50	61.79	677.55	677.55	17.28	896.23	1589.25	2.29	SF(Lo)
6900.00	6900.00	6875.50	61.79	687.55	687.55	17.60	886.01	1589.25	2.26	SF(Lo)
7000.00	7000.00	6975.50	61.79	697.55	697.55	17.93	875.79	1589.25	2.23	SF(Lo)
7100.00	7100.00	7075.50	61.79	707.55	707.55	18.26	865.57	1589.25	2.20	SF(Lo)
7200.00	7200.00	7175.50	61.79	717.55	717.55	18.60	855.35	1589.25	2.17	SF(Lo)
7300.00	7300.00	7275.50	61.79	727.55	727.55	18.94	845.13	1589.25	2.14	SF(Lo)
7400.00	7400.00	7375.50	61.79	737.55	737.55	19.29	834.91	1589.25	2.11	SF(Lo)
7500.00	7500.00	7475.50	61.79	747.55	747.55	19.64	824.69	1589.25	2.08	SF(Lo)
7600.00	7600.00	7575.50	61.79	757.55	757.55	20.00	814.47	1589.25	2.05	SF(Lo)
7700.00	7700.00	7675.50	61.79	767.55	767.55	20.36	804.25	1589.25	2.02	SF(Lo)
7800.00	7800.00	7775.50	61.79	777.55	777.55	20.73	794.03	1589.25	2.00	SF(Lo)
7900.00	7900.00	7875.50	61.79	787.55	787.55	21.10	783.81	1589.25	1.97	SF(Lo)
8000.00	8000.00	7975.50	61.79	797.55	797.55	21.48	773.59	1589.25	1.95	SF(Lo)
8100.00	8100.00	8075.50	61.79	807.55	807.55	21.87	763.37	1589.25	1.92	SF(Lo)
8200.00	8200.00	8175.50	61.79	817.55	817.55	22.25	753.15	1589.25	1.90	SF(Lo)
8300.00	8300.00	8275.50	61.79	827.55	827.55	22.65	742.93	1589.25	1.88	SF(Lo)
8400.00	8400.00	8375.50	61.79	837.55	837.55	23.05	732.71	1589.25	1.86	SF(Lo)
8500.00	8500.00	8475.50	61.79	847.55	847.55	23.46	722.49	1589.25	1.83	SF(Lo)
8600.00	8600.00	8575.50	61.79	857.55	857.55	23.87	712.27	1589.25	1.81	SF(Lo)
8700.00	8700.00	8675.50	61.79	867.55	867.55	24.29	702.05	1589.25	1.79	SF(Lo)

5D Anti-Collision Report

Secondary Well: Keller 22 Fed #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
8800.00	8800.00	8775.50	61.79	877.55	877.55	24.71	691.83	1589.25	1.77	SF(Lo)
8900.00	8874.50	8850.00	61.79	885.00	885.00	25.03	684.48	1589.45	1.76	SF(Lo)
9000.00	8874.50	8850.00	61.79	885.00	885.00	25.03	691.69	1594.20	1.77	SF(Lo)
9100.00	8874.50	8850.00	61.79	885.00	885.00	25.03	708.59	1605.17	1.79	SF(Lo)
9200.00	8874.50	8850.00	61.79	885.00	885.00	25.03	734.73	1622.24	1.83	SF(Lo)
9300.00	8874.50	8850.00	61.79	885.00	885.00	25.03	769.74	1645.23	1.88	SF(Lo)
9400.00	8874.50	8850.00	61.79	885.00	885.00	25.03	813.01	1673.88	1.94	SF(Lo)
9500.00	8874.50	8850.00	61.79	885.00	885.00	25.03	863.82	1707.91	2.02	SF(Lo)
9600.00	8874.50	8850.00	61.79	885.00	885.00	25.03	921.34	1747.02	2.12	SF(Lo)
9700.00	8874.50	8850.00	61.79	885.00	885.00	25.03	984.88	1790.86	2.22	SF(Lo)
9800.00	8874.50	8850.00	61.79	885.00	885.00	25.03	1053.75	1839.09	2.34	SF(Lo)
9900.00	8874.50	8850.00	61.79	885.00	885.00	25.03	1127.26	1891.39	2.48	SF(Lo)
10000.00	8874.50	8850.00	61.79	885.00	885.00	25.03	1204.74	1947.43	2.62	
10100.00	8874.50	8850.00	61.79	885.00	885.00	25.03	1285.57	2006.88	2.78	
10200.00	8874.50	8850.00	61.79	885.00	885.00	25.03	1369.34	2069.46	2.96	
10300.00	8874.50	8850.00	61.79	885.00	885.00	25.03	1455.61	2134.89	3.14	
10400.00	8874.50	8850.00	61.79	885.00	885.00	25.03	1544.01	2202.92	3.34	
10500.00	8874.50	8850.00	61.79	885.00	885.00	25.03	1634.16	2273.32	3.56	
10600.00	8874.50	8850.00	61.79	885.00	885.00	25.03	1725.76	2345.86	3.78	
10700.00	8874.50	8850.00	61.79	885.00	885.00	25.03	1818.65	2420.37	4.02	
10800.00	8874.50	8850.00	61.79	885.00	885.00	25.03	1912.62	2496.65	4.27	
10900.00	8874.50	8850.00	55.00	885.00	885.00	25.03	2006.51	2573.08	4.54	
11000.00	8874.50	8850.00	47.01	885.00	885.00	25.03	2096.46	2644.76	4.82	
11100.00	8874.50	8850.00	41.06	885.00	885.00	25.03	2180.21	2709.81	5.12	
11200.00	8874.50	8850.00	36.70	885.00	885.00	25.03	2254.99	2766.78	5.41	
11300.00	8874.50	8850.00	33.57	885.00	885.00	25.03	2317.97	2814.47	5.67	
11400.00	8874.50	8850.00	31.40	885.00	885.00	25.03	2369.80	2851.95	5.92	
11500.00	8874.50	8850.00	29.99	885.00	885.00	25.03	2409.55	2878.47	6.14	
11600.00	8874.50	8850.00	29.24	885.00	885.00	25.03	2432.78	2893.56	6.28	
11700.00	8874.50	8850.00	29.07	885.00	885.00	25.03	2441.43	2896.92	6.36	
11800.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2440.23	2892.55	6.39	
11900.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2437.89	2891.07	6.38	
12000.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2439.52	2893.05	6.38	
12100.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2441.20	2898.48	6.34	
12200.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2445.34	2907.35	6.29	
12300.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2452.55	2919.61	6.25	
12400.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2459.38	2935.23	6.17	
12500.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2470.06	2954.15	6.10	
12600.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2482.90	2976.32	6.03	
12700.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2496.56	3001.65	5.94	
12800.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2513.94	3030.08	5.87	
12900.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2534.91	3061.51	5.81	
13000.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2555.59	3095.85	5.73	
13100.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2579.90	3133.01	5.66	
13200.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2607.61	3172.88	5.61	
13300.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2638.57	3215.38	5.57	
13400.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2670.40	3260.38	5.53	
13500.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2704.65	3307.80	5.48	
13600.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2742.00	3357.53	5.45	
13700.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2782.14	3409.46	5.43	
13800.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2825.18	3463.51	5.43	
13900.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2871.00	3519.57	5.43	
14000.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2917.93	3577.54	5.42	
14100.00	8874.50	8850.00	29.13	885.00	885.00	25.03	2966.46	3637.34	5.42	
14200.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3017.26	3698.88	5.43	
14300.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3070.37	3762.07	5.44	
14400.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3125.68	3826.83	5.46	
14500.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3183.09	3893.08	5.48	

5D Anti-Collision Report

Secondary Well: Keller 22 Fed #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
14600.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3242.47	3960.75	5.51	
14700.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3303.71	4029.76	5.55	
14800.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3366.67	4100.05	5.59	
14900.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3431.28	4171.56	5.64	
15000.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3497.20	4244.21	5.68	
15100.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3563.42	4317.96	5.72	
15200.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3631.11	4392.75	5.77	
15300.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3700.19	4468.52	5.82	
15400.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3770.59	4545.23	5.87	
15500.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3842.23	4622.83	5.92	
15600.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3915.06	4701.28	5.98	
15700.00	8874.50	8850.00	29.13	885.00	885.00	25.03	3989.01	4780.53	6.04	
15800.00	8874.50	8850.00	29.13	885.00	885.00	25.03	4064.02	4860.55	6.10	
15900.00	8874.50	8850.00	29.13	885.00	885.00	25.03	4140.04	4941.30	6.17	
15905.97	8874.50	8850.00	29.13	885.00	885.00	25.03	4144.61	4946.14	6.17	
Secondary Well: North Antelope Ridge #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
0.00	47.50	0.00	26.80	0.00	0.00	0.00	3488.20	3488.84	5455.07	
100.00	100.00	52.50	26.80	5.25	5.25	1.46	3482.52	3488.51	582.30	
200.00	200.00	152.50	26.80	15.25	15.25	4.22	3472.32	3488.51	215.36	
300.00	300.00	252.50	26.80	25.25	25.25	4.64	3462.11	3488.51	132.10	
400.00	400.00	352.50	26.80	35.25	35.25	4.67	3451.90	3488.51	95.27	
500.00	500.00	452.50	26.80	45.25	45.25	4.72	3441.69	3488.51	74.50	
600.00	600.00	552.50	26.80	55.25	55.25	4.78	3431.48	3488.51	61.17	
700.00	700.00	652.50	26.80	65.25	65.25	4.85	3421.27	3488.51	51.88	
800.00	800.00	752.50	26.80	75.25	75.25	4.93	3411.06	3488.51	45.04	
900.00	900.00	852.50	26.80	85.25	85.25	5.02	3400.85	3488.51	39.80	
1000.00	1000.00	952.50	26.80	95.25	95.25	5.12	3390.65	3488.51	35.64	
1100.00	1100.00	1052.50	26.80	105.25	105.25	5.22	3380.44	3488.51	32.28	
1200.00	1200.00	1152.50	26.80	115.25	115.25	5.33	3370.23	3488.51	29.49	
1300.00	1300.00	1252.50	26.80	125.25	125.25	5.45	3360.02	3488.51	27.15	
1400.00	1400.00	1352.50	26.80	135.25	135.25	5.57	3349.81	3488.51	25.15	
1500.00	1500.00	1452.50	26.80	145.25	145.25	5.70	3339.60	3488.51	23.43	
1600.00	1600.00	1552.50	26.80	155.25	155.25	5.83	3329.39	3488.51	21.92	
1700.00	1700.00	1652.50	26.80	165.25	165.25	5.97	3319.18	3488.51	20.60	
1800.00	1800.00	1752.50	26.80	175.25	175.25	6.11	3308.97	3488.51	19.43	
1900.00	1900.00	1852.50	26.80	185.25	185.25	6.25	3298.77	3488.51	18.38	
2000.00	2000.00	1952.50	26.80	195.25	195.25	6.40	3288.56	3488.51	17.45	
2100.00	2100.00	2052.50	26.80	205.25	205.25	6.56	3278.35	3488.51	16.60	
2200.00	2200.00	2152.50	26.80	215.25	215.25	6.71	3268.14	3488.51	15.83	
2300.00	2300.00	2252.50	26.80	225.25	225.25	6.87	3257.93	3488.51	15.13	
2400.00	2400.00	2352.50	26.80	235.25	235.25	7.03	3247.72	3488.51	14.49	
2500.00	2500.00	2452.50	26.80	245.25	245.25	7.20	3237.51	3488.51	13.90	
2600.00	2600.00	2552.50	26.80	255.25	255.25	7.37	3227.30	3488.51	13.36	
2700.00	2700.00	2652.50	26.80	265.25	265.25	7.54	3217.10	3488.51	12.85	
2800.00	2800.00	2752.50	26.80	275.25	275.25	7.71	3206.89	3488.51	12.39	
2900.00	2900.00	2852.50	26.80	285.25	285.25	7.89	3196.68	3488.51	11.95	
3000.00	3000.00	2952.50	26.80	295.25	295.25	8.06	3186.47	3488.51	11.55	
3100.00	3100.00	3052.50	26.80	305.25	305.25	8.25	3176.26	3488.51	11.17	
3200.00	3200.00	3152.50	26.80	315.25	315.25	8.43	3166.05	3488.51	10.82	
3300.00	3300.00	3252.50	26.80	325.25	325.25	8.62	3155.84	3488.51	10.49	
3400.00	3400.00	3352.50	26.80	335.25	335.25	8.80	3145.63	3488.51	10.17	
3500.00	3500.00	3452.50	26.80	345.25	345.25	9.00	3135.42	3488.51	9.88	
3600.00	3600.00	3552.50	26.80	355.25	355.25	9.19	3125.22	3488.51	9.60	
3700.00	3700.00	3652.50	26.80	365.25	365.25	9.39	3115.01	3488.51	9.34	
3800.00	3800.00	3752.50	26.80	375.25	375.25	9.59	3104.80	3488.51	9.09	
3900.00	3900.00	3852.50	26.80	385.25	385.25	9.79	3094.59	3488.51	8.86	

5D Anti-Collision Report

Secondary Well: North Antelope Ridge #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
4000.00	4000.00	3952.50	26.80	395.25	395.25	10.00	3084.38	3488.51	8.63	
4100.00	4100.00	4052.50	26.80	405.25	405.25	10.20	3074.17	3488.51	8.42	
4200.00	4200.00	4152.50	26.80	415.25	415.25	10.41	3063.96	3488.51	8.22	
4300.00	4300.00	4252.50	26.80	425.25	425.25	10.63	3053.75	3488.51	8.02	
4400.00	4400.00	4352.50	26.80	435.25	435.25	10.85	3043.54	3488.51	7.84	
4500.00	4500.00	4452.50	26.80	445.25	445.25	11.07	3033.34	3488.51	7.66	
4600.00	4600.00	4552.50	26.80	455.25	455.25	11.29	3023.13	3488.51	7.50	
4700.00	4700.00	4652.50	26.80	465.25	465.25	11.52	3012.92	3488.51	7.34	
4800.00	4800.00	4752.50	26.80	475.25	475.25	11.75	3002.71	3488.51	7.18	
4900.00	4900.00	4852.50	26.80	485.25	485.25	11.99	2992.50	3488.51	7.03	
5000.00	5000.00	4952.50	26.80	495.25	495.25	12.23	2982.29	3488.51	6.89	
5100.00	5100.00	5052.50	26.80	505.25	505.25	12.47	2972.08	3488.51	6.76	
5200.00	5200.00	5152.50	26.80	515.25	515.25	12.72	2961.87	3488.51	6.62	
5300.00	5300.00	5252.50	26.80	525.25	525.25	12.97	2951.66	3488.51	6.50	
5400.00	5400.00	5352.50	26.80	535.25	535.25	13.22	2941.46	3488.51	6.38	
5500.00	5500.00	5452.50	26.80	545.25	545.25	13.48	2931.25	3488.51	6.26	
5600.00	5600.00	5552.50	26.80	555.25	555.25	13.74	2921.04	3488.51	6.15	
5700.00	5700.00	5652.50	26.80	565.25	565.25	14.01	2910.83	3488.51	6.04	
5800.00	5800.00	5752.50	26.80	575.25	575.25	14.28	2900.62	3488.51	5.93	
5900.00	5900.00	5852.50	26.80	585.25	585.25	14.55	2890.41	3488.51	5.83	
6000.00	6000.00	5952.50	26.80	595.25	595.25	14.83	2880.20	3488.51	5.73	
6100.00	6100.00	6052.50	26.80	605.25	605.25	15.11	2869.99	3488.51	5.64	
6200.00	6200.00	6152.50	26.80	615.25	615.25	15.40	2859.78	3488.51	5.55	
6300.00	6300.00	6252.50	26.80	625.25	625.25	15.70	2849.58	3488.51	5.46	
6400.00	6400.00	6352.50	26.80	635.25	635.25	15.99	2839.37	3488.51	5.37	
6500.00	6500.00	6452.50	26.80	645.25	645.25	16.29	2829.16	3488.51	5.29	
6600.00	6600.00	6552.50	26.80	655.25	655.25	16.60	2818.95	3488.51	5.21	
6700.00	6700.00	6652.50	26.80	665.25	665.25	16.91	2808.74	3488.51	5.13	
6800.00	6800.00	6752.50	26.80	675.25	675.25	17.23	2798.53	3488.51	5.06	
6900.00	6900.00	6852.50	26.80	685.25	685.25	17.55	2788.32	3488.51	4.98	
7000.00	7000.00	6952.50	26.80	695.25	695.25	17.88	2778.11	3488.51	4.91	
7100.00	7100.00	7052.50	26.80	705.25	705.25	18.21	2767.91	3488.51	4.84	
7200.00	7200.00	7152.50	26.80	715.25	715.25	18.54	2757.70	3488.51	4.77	
7300.00	7300.00	7252.50	26.80	725.25	725.25	18.89	2747.49	3488.51	4.71	
7400.00	7400.00	7352.50	26.80	735.25	735.25	19.23	2737.28	3488.51	4.64	
7500.00	7500.00	7452.50	26.80	745.25	745.25	19.58	2727.07	3488.51	4.58	
7600.00	7600.00	7552.50	26.80	755.25	755.25	19.94	2716.86	3488.51	4.52	
7700.00	7700.00	7652.50	26.80	765.25	765.25	20.30	2706.65	3488.51	4.46	
7800.00	7800.00	7752.50	26.80	775.25	775.25	20.67	2696.44	3488.51	4.40	
7900.00	7900.00	7852.50	26.80	785.25	785.25	21.04	2686.23	3488.51	4.35	
8000.00	8000.00	7952.50	26.80	795.25	795.25	21.42	2676.03	3488.51	4.29	
8100.00	8100.00	8052.50	26.80	805.25	805.25	21.81	2665.82	3488.51	4.24	
8200.00	8200.00	8152.50	26.80	815.25	815.25	22.19	2655.61	3488.51	4.19	
8300.00	8300.00	8252.50	26.80	825.25	825.25	22.59	2645.40	3488.51	4.14	
8400.00	8400.00	8352.50	26.80	835.25	835.25	22.99	2635.19	3488.51	4.09	
8500.00	8500.00	8452.50	26.80	845.25	845.25	23.40	2624.98	3488.51	4.04	
8600.00	8600.00	8552.50	26.80	855.25	855.25	23.81	2614.77	3488.51	3.99	
8700.00	8700.00	8652.50	26.80	865.25	865.25	24.22	2604.56	3488.51	3.95	
8800.00	8800.00	8752.50	26.80	875.25	875.25	24.65	2594.35	3488.51	3.90	
8900.00	8900.00	8852.50	26.80	885.25	885.25	25.08	2584.15	3488.51	3.86	
9000.00	9000.00	8952.50	26.80	895.25	895.25	25.51	2573.94	3488.51	3.81	
9100.00	9100.00	9052.50	26.80	905.25	905.25	25.95	2563.73	3488.51	3.77	
9200.00	9200.00	9152.50	26.80	915.25	915.25	26.40	2553.52	3488.51	3.73	
9300.00	9300.00	9252.50	26.80	925.25	925.25	26.85	2543.31	3488.51	3.69	
9400.00	9400.00	9352.50	26.80	935.25	935.25	27.30	2533.10	3488.51	3.65	
9500.00	9500.00	9452.50	26.80	945.25	945.25	27.77	2522.89	3488.51	3.61	
9600.00	9600.00	9552.50	26.80	955.25	955.25	28.24	2512.68	3488.51	3.57	
9700.00	9700.00	9652.50	26.80	965.25	965.25	28.71	2502.47	3488.51	3.54	

5D Anti-Collision Report

Secondary Well: North Antelope Ridge #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
9800.00	9800.00	9752.50	26.80	975.25	975.25	29.19	2492.27	3488.51	3.50	
9900.00	9900.00	9852.50	26.80	985.25	985.25	29.68	2482.06	3488.51	3.47	
10000.00	10000.00	9952.50	26.80	995.25	995.25	30.17	2471.85	3488.51	3.43	
10100.00	10100.00	10052.50	26.80	1005.25	1005.25	30.67	2461.64	3488.51	3.40	
10200.00	10200.00	10152.50	26.80	1015.25	1015.25	31.17	2451.43	3488.51	3.36	
10300.00	10300.00	10252.50	26.80	1025.25	1025.25	31.68	2441.22	3488.51	3.33	
10400.00	10400.00	10352.50	26.80	1035.25	1035.25	32.20	2431.01	3488.51	3.30	
10500.00	10500.00	10452.50	26.80	1045.25	1045.25	32.72	2420.80	3488.51	3.27	
10600.00	10600.00	10552.50	26.80	1055.25	1055.25	33.25	2410.60	3488.51	3.24	
10700.00	10700.00	10652.50	26.80	1065.25	1065.25	33.78	2400.39	3488.51	3.21	
10800.00	10800.00	10752.50	26.80	1075.25	1075.25	34.32	2390.18	3488.51	3.18	
10900.00	10899.80	10852.30	27.54	1085.23	1085.23	34.87	2375.84	3484.39	3.14	
11000.00	10997.39	10949.89	28.61	1094.99	1094.99	35.41	2346.81	3465.52	3.10	
11100.00	11089.79	11042.29	30.68	1104.23	1104.23	35.92	2303.57	3431.95	3.04	
11200.00	11174.21	11126.71	34.01	1112.67	1112.67	36.39	2247.49	3384.84	2.98	
11300.00	11248.09	11200.59	39.00	1120.06	1120.06	36.81	2180.40	3325.78	2.90	
11400.00	11309.17	11261.67	46.25	1126.17	1126.17	37.16	2104.76	3256.74	2.83	
11500.00	11355.60	11308.10	56.47	1130.81	1130.81	37.43	2023.05	3180.03	2.75	
11600.00	11385.97	11338.47	69.98	1133.85	1133.85	37.61	1938.05	3098.19	2.67	
11700.00	11399.36	11351.86	85.70	1135.19	1135.19	37.68	1852.60	3013.89	2.60	
11800.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1768.85	2929.65	2.52	
11900.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1686.46	2846.42	2.45	SF(Lo)
12000.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1605.67	2764.30	2.39	SF(Lo)
12100.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1522.82	2683.40	2.31	SF(Lo)
12200.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1441.28	2603.83	2.24	SF(Lo)
12300.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1361.64	2525.71	2.17	SF(Lo)
12400.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1284.08	2449.18	2.10	SF(Lo)
12500.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1209.02	2374.39	2.04	SF(Lo)
12600.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1136.81	2301.52	1.98	SF(Lo)
12700.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1066.51	2230.76	1.92	SF(Lo)
12800.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	994.32	2162.30	1.85	SF(Lo)
12900.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	925.82	2096.38	1.79	SF(Lo)
13000.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	861.51	2033.25	1.74	SF(Lo)
13100.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	801.79	1973.16	1.68	SF(Lo)
13200.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	743.43	1916.41	1.63	SF(Lo)
13300.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	686.17	1863.31	1.58	SF(Lo)
13400.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	635.21	1814.16	1.54	SF(Lo)
13500.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	591.02	1769.31	1.50	SF(Lo)
13600.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	546.64	1729.08	1.46	SF(Med)
13700.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	507.94	1693.81	1.43	SF(Med)
13800.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	478.18	1663.81	1.40	SF(Med)
13900.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	450.72	1639.37	1.38	SF(Med)
14000.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	428.40	1620.75	1.36	SF(Med)
14100.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	416.41	1608.13	1.35	SF(Med)
14200.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	406.29	1601.67	1.34	SF(Med)
14300.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	403.56	1601.45	1.34	SF(Med)
14400.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	411.71	1607.45	1.34	SF(Med)
14500.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	419.36	1619.62	1.35	SF(Med)
14600.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	436.55	1637.82	1.36	SF(Med)
14700.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	463.41	1661.84	1.39	SF(Med)
14800.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	488.57	1691.45	1.41	SF(Med)
14900.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	522.86	1726.34	1.43	SF(Med)
15000.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	565.54	1766.22	1.47	SF(Med)
15100.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	607.69	1810.75	1.51	SF(Lo)
15200.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	655.37	1859.59	1.54	SF(Lo)
15300.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	709.60	1912.42	1.59	SF(Lo)
15400.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	769.32	1968.91	1.64	SF(Lo)
15500.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	826.57	2028.77	1.69	SF(Lo)

5D Anti-Collision Report

Secondary Well: North Antelope Ridge #1 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
15600.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	888.80	2091.69	1.74	SF(Lo)
15700.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	955.39	2157.42	1.79	SF(Lo)
15800.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1025.75	2225.69	1.85	SF(Lo)
15900.00	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1098.51	2296.30	1.92	SF(Lo)
15905.97	11400.00	11352.50	90.00	1135.25	1135.25	37.69	1102.66	2300.59	1.92	SF(Lo)

Secondary Well: Curry State #3 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
0.00	51.50	0.00	19.82	0.00	0.00	0.00	4606.21	4606.85	7203.10	
100.00	100.00	48.50	19.82	4.85	4.85	1.34	4600.96	4606.56	822.71	
200.00	200.00	148.50	19.82	14.85	14.85	4.11	4590.74	4606.56	291.14	
300.00	300.00	248.50	19.82	24.85	24.85	4.64	4580.52	4606.56	176.85	
400.00	400.00	348.50	19.82	34.85	34.85	4.67	4570.29	4606.56	127.00	
500.00	500.00	448.50	19.82	44.85	44.85	4.72	4560.07	4606.56	99.07	
600.00	600.00	548.50	19.82	54.85	54.85	4.78	4549.84	4606.56	81.21	
700.00	700.00	648.50	19.82	64.85	64.85	4.85	4539.62	4606.56	68.81	
800.00	800.00	748.50	19.82	74.85	74.85	4.93	4529.39	4606.56	59.69	
900.00	900.00	848.50	19.82	84.85	84.85	5.02	4519.17	4606.56	52.71	
1000.00	1000.00	948.50	19.82	94.85	94.85	5.11	4508.94	4606.56	47.19	
1100.00	1100.00	1048.50	19.82	104.85	104.85	5.22	4498.72	4606.56	42.71	
1200.00	1200.00	1148.50	19.82	114.85	114.85	5.33	4488.49	4606.56	39.02	
1300.00	1300.00	1248.50	19.82	124.85	124.85	5.44	4478.27	4606.56	35.91	
1400.00	1400.00	1348.50	19.82	134.85	134.85	5.56	4468.04	4606.56	33.26	
1500.00	1500.00	1448.50	19.82	144.85	144.85	5.69	4457.82	4606.56	30.97	
1600.00	1600.00	1548.50	19.82	154.85	154.85	5.82	4447.59	4606.56	28.98	
1700.00	1700.00	1648.50	19.82	164.85	164.85	5.96	4437.37	4606.56	27.23	
1800.00	1800.00	1748.50	19.82	174.85	174.85	6.10	4427.14	4606.56	25.67	
1900.00	1900.00	1848.50	19.82	184.85	184.85	6.25	4416.92	4606.56	24.29	
2000.00	2000.00	1948.50	19.82	194.85	194.85	6.40	4406.70	4606.56	23.05	
2100.00	2100.00	2048.50	19.82	204.85	204.85	6.55	4396.47	4606.56	21.93	
2200.00	2200.00	2148.50	19.82	214.85	214.85	6.71	4386.25	4606.56	20.91	
2300.00	2300.00	2248.50	19.82	224.85	224.85	6.86	4376.02	4606.56	19.98	
2400.00	2400.00	2348.50	19.82	234.85	234.85	7.03	4365.80	4606.56	19.13	
2500.00	2500.00	2448.50	19.82	244.85	244.85	7.19	4355.57	4606.56	18.35	
2600.00	2600.00	2548.50	19.82	254.85	254.85	7.36	4345.35	4606.56	17.64	
2700.00	2700.00	2648.50	19.82	264.85	264.85	7.53	4335.12	4606.56	16.97	
2800.00	2800.00	2748.50	19.82	274.85	274.85	7.70	4324.90	4606.56	16.35	
2900.00	2900.00	2848.50	19.82	284.85	284.85	7.88	4314.67	4606.56	15.78	
3000.00	3000.00	2948.50	19.82	294.85	294.85	8.06	4304.45	4606.56	15.25	
3100.00	3100.00	3048.50	19.82	304.85	304.85	8.24	4294.22	4606.56	14.75	
3200.00	3200.00	3148.50	19.82	314.85	314.85	8.42	4284.00	4606.56	14.28	
3300.00	3300.00	3248.50	19.82	324.85	324.85	8.61	4273.77	4606.56	13.84	
3400.00	3400.00	3348.50	19.82	334.85	334.85	8.80	4263.55	4606.56	13.43	
3500.00	3500.00	3448.50	19.82	344.85	344.85	8.99	4253.32	4606.56	13.04	
3600.00	3600.00	3548.50	19.82	354.85	354.85	9.18	4243.10	4606.56	12.67	
3700.00	3700.00	3648.50	19.82	364.85	364.85	9.38	4232.87	4606.56	12.33	
3800.00	3800.00	3748.50	19.82	374.85	374.85	9.58	4222.65	4606.56	12.00	
3900.00	3900.00	3848.50	19.82	384.85	384.85	9.78	4212.43	4606.56	11.69	
4000.00	4000.00	3948.50	19.82	394.85	394.85	9.99	4202.20	4606.56	11.39	
4100.00	4100.00	4048.50	19.82	404.85	404.85	10.20	4191.98	4606.56	11.11	
4200.00	4200.00	4148.50	19.82	414.85	414.85	10.41	4181.75	4606.56	10.84	
4300.00	4300.00	4248.50	19.82	424.85	424.85	10.62	4171.53	4606.56	10.59	
4400.00	4400.00	4348.50	19.82	434.85	434.85	10.84	4161.30	4606.56	10.35	
4500.00	4500.00	4448.50	19.82	444.85	444.85	11.06	4151.08	4606.56	10.11	
4600.00	4600.00	4548.50	19.82	454.85	454.85	11.29	4140.85	4606.56	9.89	
4700.00	4700.00	4648.50	19.82	464.85	464.85	11.51	4130.63	4606.56	9.68	
4800.00	4800.00	4748.50	19.82	474.85	474.85	11.75	4120.40	4606.56	9.48	
4900.00	4900.00	4848.50	19.82	484.85	484.85	11.98	4110.18	4606.56	9.28	

5D Anti-Collision Report

Secondary Well: Curry State #3 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
5000.00	5000.00	4948.50	19.82	494.85	494.85	12.22	4099.95	4606.56	9.09	
5100.00	5100.00	5048.50	19.82	504.85	504.85	12.46	4089.73	4606.56	8.91	
5200.00	5200.00	5148.50	19.82	514.85	514.85	12.71	4079.50	4606.56	8.74	
5300.00	5300.00	5248.50	19.82	524.85	524.85	12.96	4069.28	4606.56	8.57	
5400.00	5400.00	5348.50	19.82	534.85	534.85	13.21	4059.05	4606.56	8.41	
5500.00	5500.00	5448.50	19.82	544.85	544.85	13.47	4048.83	4606.56	8.26	
5600.00	5600.00	5548.50	19.82	554.85	554.85	13.73	4038.61	4606.56	8.11	
5700.00	5700.00	5648.50	19.82	564.85	564.85	14.00	4028.38	4606.56	7.97	
5800.00	5800.00	5748.50	19.82	574.85	574.85	14.27	4018.16	4606.56	7.83	
5900.00	5900.00	5848.50	19.82	584.85	584.85	14.54	4007.93	4606.56	7.70	
6000.00	6000.00	5948.50	19.82	594.85	594.85	14.82	3997.71	4606.56	7.57	
6100.00	6100.00	6048.50	19.82	604.85	604.85	15.11	3987.48	4606.56	7.44	
6200.00	6200.00	6148.50	19.82	614.85	614.85	15.39	3977.26	4606.56	7.32	
6300.00	6300.00	6248.50	19.82	624.85	624.85	15.69	3967.03	4606.56	7.20	
6400.00	6400.00	6348.50	19.82	634.85	634.85	15.98	3956.81	4606.56	7.09	
6500.00	6500.00	6448.50	19.82	644.85	644.85	16.28	3946.58	4606.56	6.98	
6600.00	6600.00	6548.50	19.82	654.85	654.85	16.59	3936.36	4606.56	6.87	
6700.00	6700.00	6648.50	19.82	664.85	664.85	16.90	3926.13	4606.56	6.77	
6800.00	6800.00	6748.50	19.82	674.85	674.85	17.22	3915.91	4606.56	6.67	
6900.00	6900.00	6848.50	19.82	684.85	684.85	17.54	3905.68	4606.56	6.57	
7000.00	7000.00	6948.50	19.82	694.85	694.85	17.87	3895.46	4606.56	6.48	
7100.00	7100.00	7048.50	19.82	704.85	704.85	18.20	3885.23	4606.56	6.39	
7200.00	7200.00	7148.50	19.82	714.85	714.85	18.53	3875.01	4606.56	6.30	
7300.00	7300.00	7248.50	19.82	724.85	724.85	18.88	3864.78	4606.56	6.21	
7400.00	7400.00	7348.50	19.82	734.85	734.85	19.22	3854.56	4606.56	6.13	
7500.00	7500.00	7448.50	19.82	744.85	744.85	19.57	3844.34	4606.56	6.04	
7600.00	7600.00	7548.50	19.82	754.85	754.85	19.93	3834.11	4606.56	5.96	
7700.00	7700.00	7648.50	19.82	764.85	764.85	20.29	3823.89	4606.56	5.89	
7800.00	7800.00	7748.50	19.82	774.85	774.85	20.66	3813.66	4606.56	5.81	
7900.00	7900.00	7848.50	19.82	784.85	784.85	21.03	3803.44	4606.56	5.74	
8000.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3798.36	4606.82	5.70	
8100.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3800.65	4608.96	5.70	
8200.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3805.48	4613.26	5.71	
8300.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3812.85	4619.73	5.73	
8400.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3822.75	4628.34	5.75	
8500.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3835.15	4639.10	5.77	
8600.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3850.04	4651.99	5.80	
8700.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3867.33	4666.98	5.84	
8800.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3887.05	4684.06	5.88	
8900.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3909.17	4703.20	5.92	
9000.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3933.64	4724.38	5.97	
9100.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3960.42	4747.58	6.03	
9200.00	7951.50	7900.00	19.82	790.00	790.00	21.23	3989.48	4772.75	6.09	
9300.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4020.76	4799.88	6.16	
9400.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4054.22	4828.93	6.23	
9500.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4089.81	4859.86	6.31	
9600.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4127.47	4892.65	6.39	
9700.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4167.16	4927.24	6.48	
9800.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4208.82	4963.61	6.58	
9900.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4252.34	5001.71	6.67	
10000.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4297.72	5041.51	6.78	
10100.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4344.90	5082.96	6.89	
10200.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4393.84	5126.03	7.00	
10300.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4444.47	5170.67	7.12	
10400.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4496.74	5216.86	7.24	
10500.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4550.60	5264.53	7.37	
10600.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4605.99	5313.66	7.51	
10700.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4662.86	5364.20	7.65	

5D Anti-Collision Report

Secondary Well: Curry State #3 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
10800.00	7951.50	7900.00	19.82	790.00	790.00	21.23	4721.16	5416.12	7.79	
10900.00	7951.50	7900.00	18.98	790.00	790.00	21.23	4777.29	5465.61	7.94	
11000.00	7951.50	7900.00	17.73	790.00	790.00	21.23	4821.09	5502.24	8.08	
11100.00	7951.50	7900.00	17.04	790.00	790.00	21.23	4851.12	5524.69	8.20	
11200.00	7951.50	7900.00	16.82	790.00	790.00	21.23	4866.83	5532.44	8.31	
11300.00	7951.50	7900.00	17.03	790.00	790.00	21.23	4867.81	5525.32	8.40	
11400.00	7951.50	7900.00	17.69	790.00	790.00	21.23	4854.02	5503.48	8.47	
11500.00	7951.50	7900.00	18.91	790.00	790.00	21.23	4825.76	5467.43	8.52	
11600.00	7951.50	7900.00	20.85	790.00	790.00	21.23	4783.64	5417.98	8.54	
11700.00	7951.50	7900.00	23.84	790.00	790.00	21.23	4728.58	5356.29	8.53	
11800.00	7951.50	7900.00	24.90	790.00	790.00	21.23	4665.06	5286.74	8.50	
11900.00	7951.50	7900.00	24.90	790.00	790.00	21.23	4602.28	5217.75	8.48	
12000.00	7951.50	7900.00	24.90	790.00	790.00	21.23	4540.78	5149.77	8.46	
12100.00	7951.50	7900.00	24.90	790.00	790.00	21.23	4480.59	5082.86	8.44	
12200.00	7951.50	7900.00	24.90	790.00	790.00	21.23	4420.82	5017.04	8.41	
12300.00	7951.50	7900.00	24.90	790.00	790.00	21.23	4362.23	4952.37	8.39	
12400.00	7951.50	7900.00	24.90	790.00	790.00	21.23	4305.11	4888.89	8.37	
12500.00	7951.50	7900.00	24.90	790.00	790.00	21.23	4249.45	4826.65	8.36	
12600.00	7951.50	7900.00	24.90	790.00	790.00	21.23	4195.39	4765.69	8.36	
12700.00	7951.50	7900.00	24.90	790.00	790.00	21.23	4143.01	4706.07	8.36	
12800.00	7951.50	7900.00	24.90	790.00	790.00	21.23	4092.34	4647.83	8.37	
12900.00	7951.50	7900.00	24.90	790.00	790.00	21.23	4043.38	4591.04	8.38	
13000.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3996.29	4535.73	8.41	
13100.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3951.05	4481.98	8.44	
13200.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3907.71	4429.83	8.48	
13300.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3865.22	4379.35	8.52	
13400.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3824.18	4330.59	8.55	
13500.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3785.29	4283.60	8.60	
13600.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3748.64	4238.46	8.65	
13700.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3714.22	4195.21	8.72	
13800.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3682.08	4153.92	8.80	
13900.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3652.54	4114.65	8.90	
14000.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3622.76	4077.45	8.97	
14100.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3595.63	4042.39	9.05	
14200.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3570.99	4009.51	9.14	
14300.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3548.89	3978.87	9.25	
14400.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3528.77	3950.53	9.37	
14500.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3509.23	3924.53	9.45	
14600.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3492.36	3900.93	9.55	
14700.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3478.12	3879.76	9.66	
14800.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3464.91	3861.06	9.75	
14900.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3453.06	3844.87	9.81	
15000.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3444.06	3831.23	9.90	
15100.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3436.52	3820.16	9.96	
15200.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3429.76	3811.68	9.98	
15300.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3425.83	3805.80	10.02	
15400.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3422.80	3802.55	10.01	
15500.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3420.93	3801.93	9.98	
15600.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3421.94	3803.94	9.96	
15700.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3423.26	3808.57	9.88	
15800.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3426.46	3815.82	9.80	
15900.00	7951.50	7900.00	24.90	790.00	790.00	21.23	3432.54	3825.67	9.73	
15905.97	7951.50	7900.00	24.90	790.00	790.00	21.23	3433.00	3826.34	9.73	
Secondary Well: Scharb #2 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
0.00	50.50	0.00	17.07	0.00	0.00	0.00	4636.07	4636.71	7249.85	
100.00	100.00	49.50	17.07	4.95	4.95	1.37	4630.74	4636.44	814.46	

5D Anti-Collision Report

Secondary Well: Scharb #2 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
200.00	200.00	149.50	17.07	14.95	14.95	4.14	4620.53	4636.44	291.55	
300.00	300.00	249.50	17.07	24.95	24.95	4.64	4610.32	4636.44	177.55	
400.00	400.00	349.50	17.07	34.95	34.95	4.67	4600.11	4636.44	127.64	
500.00	500.00	449.50	17.07	44.95	44.95	4.72	4589.90	4636.44	99.63	
600.00	600.00	549.50	17.07	54.95	54.95	4.78	4579.69	4636.44	81.70	
700.00	700.00	649.50	17.07	64.95	64.95	4.85	4569.48	4636.44	69.24	
800.00	800.00	749.50	17.07	74.95	74.95	4.93	4559.27	4636.44	60.08	
900.00	900.00	849.50	17.07	84.95	84.95	5.02	4549.05	4636.44	53.06	
1000.00	1000.00	949.50	17.07	94.95	94.95	5.11	4538.84	4636.44	47.51	
1100.00	1100.00	1049.50	17.07	104.95	104.95	5.22	4528.63	4636.44	43.01	
1200.00	1200.00	1149.50	17.07	114.95	114.95	5.33	4518.42	4636.44	39.29	
1300.00	1300.00	1249.50	17.07	124.95	124.95	5.44	4508.21	4636.44	36.16	
1400.00	1400.00	1349.50	17.07	134.95	134.95	5.56	4498.00	4636.44	33.49	
1500.00	1500.00	1449.50	17.07	144.95	144.95	5.69	4487.79	4636.44	31.19	
1600.00	1600.00	1549.50	17.07	154.95	154.95	5.83	4477.57	4636.44	29.19	
1700.00	1700.00	1649.50	17.07	164.95	164.95	5.96	4467.36	4636.44	27.42	
1800.00	1800.00	1749.50	17.07	174.95	174.95	6.10	4457.15	4636.44	25.86	
1900.00	1900.00	1849.50	17.07	184.95	184.95	6.25	4446.94	4636.44	24.47	
2000.00	2000.00	1949.50	17.07	194.95	194.95	6.40	4436.73	4636.44	23.22	
2100.00	2100.00	2049.50	17.07	204.95	204.95	6.55	4426.52	4636.44	22.09	
2200.00	2200.00	2149.50	17.07	214.95	214.95	6.71	4416.31	4636.44	21.06	
2300.00	2300.00	2249.50	17.07	224.95	224.95	6.87	4406.09	4636.44	20.13	
2400.00	2400.00	2349.50	17.07	234.95	234.95	7.03	4395.88	4636.44	19.27	
2500.00	2500.00	2449.50	17.07	244.95	244.95	7.19	4385.67	4636.44	18.49	
2600.00	2600.00	2549.50	17.07	254.95	254.95	7.36	4375.46	4636.44	17.77	
2700.00	2700.00	2649.50	17.07	264.95	264.95	7.53	4365.25	4636.44	17.10	
2800.00	2800.00	2749.50	17.07	274.95	274.95	7.70	4355.04	4636.44	16.48	
2900.00	2900.00	2849.50	17.07	284.95	284.95	7.88	4344.83	4636.44	15.90	
3000.00	3000.00	2949.50	17.07	294.95	294.95	8.06	4334.61	4636.44	15.36	
3100.00	3100.00	3049.50	17.07	304.95	304.95	8.24	4324.40	4636.44	14.86	
3200.00	3200.00	3149.50	17.07	314.95	314.95	8.42	4314.19	4636.44	14.39	
3300.00	3300.00	3249.50	17.07	324.95	324.95	8.61	4303.98	4636.44	13.95	
3400.00	3400.00	3349.50	17.07	334.95	334.95	8.80	4293.77	4636.44	13.53	
3500.00	3500.00	3449.50	17.07	344.95	344.95	8.99	4283.56	4636.44	13.14	
3600.00	3600.00	3549.50	17.07	354.95	354.95	9.18	4273.35	4636.44	12.77	
3700.00	3700.00	3649.50	17.07	364.95	364.95	9.38	4263.13	4636.44	12.42	
3800.00	3800.00	3749.50	17.07	374.95	374.95	9.58	4252.92	4636.44	12.09	
3900.00	3900.00	3849.50	17.07	384.95	384.95	9.78	4242.71	4636.44	11.78	
4000.00	4000.00	3949.50	17.07	394.95	394.95	9.99	4232.50	4636.44	11.48	
4100.00	4100.00	4049.50	17.07	404.95	404.95	10.20	4222.29	4636.44	11.20	
4200.00	4200.00	4149.50	17.07	414.95	414.95	10.41	4212.08	4636.44	10.93	
4300.00	4300.00	4249.50	17.07	424.95	424.95	10.62	4201.87	4636.44	10.67	
4400.00	4400.00	4349.50	17.07	434.95	434.95	10.84	4191.65	4636.44	10.42	
4500.00	4500.00	4449.50	17.07	444.95	444.95	11.06	4181.44	4636.44	10.19	
4600.00	4600.00	4549.50	17.07	454.95	454.95	11.29	4171.23	4636.44	9.97	
4700.00	4700.00	4649.50	17.07	464.95	464.95	11.52	4161.02	4636.44	9.75	
4800.00	4800.00	4749.50	17.07	474.95	474.95	11.75	4150.81	4636.44	9.55	
4900.00	4900.00	4849.50	17.07	484.95	484.95	11.98	4140.60	4636.44	9.35	
5000.00	5000.00	4949.50	17.07	494.95	494.95	12.22	4130.39	4636.44	9.16	
5100.00	5100.00	5049.50	17.07	504.95	504.95	12.46	4120.17	4636.44	8.98	
5200.00	5200.00	5149.50	17.07	514.95	514.95	12.71	4109.96	4636.44	8.81	
5300.00	5300.00	5249.50	17.07	524.95	524.95	12.96	4099.75	4636.44	8.64	
5400.00	5400.00	5349.50	17.07	534.95	534.95	13.21	4089.54	4636.44	8.48	
5500.00	5500.00	5449.50	17.07	544.95	544.95	13.47	4079.33	4636.44	8.32	
5600.00	5600.00	5549.50	17.07	554.95	554.95	13.73	4069.12	4636.44	8.17	
5700.00	5700.00	5649.50	17.07	564.95	564.95	14.00	4058.91	4636.44	8.03	
5800.00	5800.00	5749.50	17.07	574.95	574.95	14.27	4048.69	4636.44	7.89	
5900.00	5900.00	5849.50	17.07	584.95	584.95	14.54	4038.48	4636.44	7.75	

5D Anti-Collision Report

Secondary Well: Scharb #2 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
6000.00	6000.00	5949.50	17.07	594.95	594.95	14.82	4028.27	4636.44	7.62	
6100.00	6100.00	6049.50	17.07	604.95	604.95	15.11	4018.06	4636.44	7.50	
6200.00	6200.00	6149.50	17.07	614.95	614.95	15.39	4007.85	4636.44	7.38	
6300.00	6300.00	6249.50	17.07	624.95	624.95	15.69	3997.64	4636.44	7.26	
6400.00	6400.00	6349.50	17.07	634.95	634.95	15.98	3987.43	4636.44	7.14	
6500.00	6500.00	6449.50	17.07	644.95	644.95	16.29	3977.21	4636.44	7.03	
6600.00	6600.00	6549.50	17.07	654.95	654.95	16.59	3967.00	4636.44	6.93	
6700.00	6700.00	6649.50	17.07	664.95	664.95	16.90	3956.79	4636.44	6.82	
6800.00	6800.00	6749.50	17.07	674.95	674.95	17.22	3946.58	4636.44	6.72	
6900.00	6900.00	6849.50	17.07	684.95	684.95	17.54	3936.37	4636.44	6.62	
7000.00	7000.00	6949.50	17.07	694.95	694.95	17.87	3926.16	4636.44	6.53	
7100.00	7100.00	7049.50	17.07	704.95	704.95	18.20	3915.95	4636.44	6.44	
7200.00	7200.00	7149.50	17.07	714.95	714.95	18.54	3905.74	4636.44	6.35	
7300.00	7300.00	7249.50	17.07	724.95	724.95	18.88	3895.52	4636.44	6.26	
7400.00	7400.00	7349.50	17.07	734.95	734.95	19.22	3885.31	4636.44	6.17	
7500.00	7500.00	7449.50	17.07	744.95	744.95	19.58	3875.10	4636.44	6.09	
7600.00	7600.00	7549.50	17.07	754.95	754.95	19.93	3864.89	4636.44	6.01	
7700.00	7700.00	7649.50	17.07	764.95	764.95	20.29	3854.68	4636.44	5.93	
7800.00	7800.00	7749.50	17.07	774.95	774.95	20.66	3844.47	4636.44	5.85	
7900.00	7900.00	7849.50	17.07	784.95	784.95	21.04	3834.26	4636.44	5.78	
8000.00	8000.00	7949.50	17.07	794.95	794.95	21.41	3824.04	4636.44	5.71	
8100.00	8100.00	8049.50	17.07	804.95	804.95	21.80	3813.83	4636.44	5.64	
8200.00	8200.00	8149.50	17.07	814.95	814.95	22.19	3803.62	4636.44	5.57	
8300.00	8300.00	8249.50	17.07	824.95	824.95	22.58	3793.41	4636.44	5.50	
8400.00	8400.00	8349.50	17.07	834.95	834.95	22.98	3783.20	4636.44	5.43	
8500.00	8500.00	8449.50	17.07	844.95	844.95	23.39	3772.99	4636.44	5.37	
8600.00	8600.00	8549.50	17.07	854.95	854.95	23.80	3762.78	4636.44	5.31	
8700.00	8700.00	8649.50	17.07	864.95	864.95	24.22	3752.56	4636.44	5.25	
8800.00	8800.00	8749.50	17.07	874.95	874.95	24.64	3742.35	4636.44	5.19	
8900.00	8900.00	8849.50	17.07	884.95	884.95	25.07	3732.14	4636.44	5.13	
9000.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3733.14	4637.50	5.13	
9100.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3736.77	4640.73	5.13	
9200.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3742.96	4646.10	5.14	
9300.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3751.71	4653.62	5.16	
9400.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3763.00	4663.27	5.18	
9500.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3776.81	4675.03	5.20	
9600.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3793.07	4688.91	5.23	
9700.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3811.79	4704.86	5.27	
9800.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3832.94	4722.89	5.31	
9900.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3856.48	4742.95	5.35	
10000.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3882.38	4765.02	5.40	
10100.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3910.60	4789.09	5.45	
10200.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3941.08	4815.11	5.51	
10300.00	8900.50	8850.00	17.07	885.00	885.00	25.07	3973.79	4843.05	5.57	
10400.00	8900.50	8850.00	17.07	885.00	885.00	25.07	4008.66	4872.89	5.64	
10500.00	8900.50	8850.00	17.07	885.00	885.00	25.07	4045.66	4904.58	5.71	
10600.00	8900.50	8850.00	17.07	885.00	885.00	25.07	4084.72	4938.10	5.79	
10700.00	8900.50	8850.00	17.07	885.00	885.00	25.07	4125.77	4973.40	5.87	
10800.00	8900.50	8850.00	17.07	885.00	885.00	25.07	4168.73	5010.45	5.95	
10900.00	8900.50	8850.00	16.82	885.00	885.00	25.07	4209.58	5045.07	6.04	
11000.00	8900.50	8850.00	16.21	885.00	885.00	25.07	4237.27	5066.08	6.11	
11100.00	8900.50	8850.00	16.03	885.00	885.00	25.07	4250.74	5072.44	6.17	
11200.00	8900.50	8850.00	16.26	885.00	885.00	25.07	4249.65	5064.03	6.22	
11300.00	8900.50	8850.00	16.94	885.00	885.00	25.07	4233.97	5041.02	6.25	
11400.00	8900.50	8850.00	18.15	885.00	885.00	25.07	4204.11	5003.93	6.26	
11500.00	8900.50	8850.00	20.06	885.00	885.00	25.07	4160.64	4953.58	6.25	
11600.00	8900.50	8850.00	23.01	885.00	885.00	25.07	4104.46	4891.11	6.22	
11700.00	8900.50	8850.00	27.60	885.00	885.00	25.07	4036.79	4817.99	6.17	

5D Anti-Collision Report

Secondary Well: Scharb #2 (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
11800.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3961.87	4738.31	6.10	
11900.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3887.56	4659.05	6.04	
12000.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3814.35	4580.61	5.98	
12100.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3742.28	4503.02	5.92	
12200.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3671.39	4426.33	5.86	
12300.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3601.81	4350.59	5.81	
12400.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3533.61	4275.84	5.76	
12500.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3466.86	4202.15	5.71	
12600.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3401.66	4129.56	5.67	
12700.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3337.00	4058.14	5.63	
12800.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3273.34	3987.94	5.58	
12900.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3211.36	3919.05	5.54	
13000.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3151.26	3851.51	5.50	
13100.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3092.98	3785.41	5.47	
13200.00	8900.50	8850.00	29.26	885.00	885.00	25.07	3036.81	3720.83	5.44	
13300.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2982.82	3657.84	5.42	
13400.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2931.10	3596.53	5.40	
13500.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2881.63	3536.98	5.40	
13600.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2834.71	3479.29	5.40	
13700.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2788.16	3423.54	5.39	
13800.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2743.93	3369.84	5.38	
13900.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2702.54	3318.29	5.39	
14000.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2664.10	3268.99	5.40	
14100.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2628.68	3222.03	5.43	
14200.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2596.55	3177.53	5.47	
14300.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2564.21	3135.59	5.49	
14400.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2535.12	3096.31	5.52	
14500.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2509.60	3059.80	5.56	
14600.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2487.75	3026.15	5.62	
14700.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2465.91	2995.46	5.66	
14800.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2447.14	2967.83	5.70	
14900.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2432.21	2943.34	5.76	
15000.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2418.14	2922.06	5.80	
15100.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2406.30	2904.08	5.83	
15200.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2398.45	2889.44	5.88	
15300.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2390.09	2878.21	5.90	
15400.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2385.08	2870.42	5.91	
15500.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2382.08	2866.10	5.92	
15600.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2379.72	2865.26	5.90	
15700.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2381.44	2867.92	5.90	
15800.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2382.37	2874.05	5.85	
15900.00	8900.50	8850.00	29.26	885.00	885.00	25.07	2386.90	2883.64	5.81	
15905.97	8900.50	8850.00	29.26	885.00	885.00	25.07	2387.29	2884.32	5.80	
Secondary Well: Curry State #2 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
0.00	25.50	0.00	3.29	0.00	0.00	0.00	4230.17	4230.81	6615.20	
100.00	100.00	74.50	3.29	7.45	7.45	2.06	4222.55	4230.73	516.79	
200.00	200.00	174.50	3.29	17.45	17.45	4.61	4212.34	4230.73	230.01	
300.00	300.00	274.50	3.29	27.45	27.45	4.65	4202.13	4230.73	147.92	
400.00	400.00	374.50	3.29	37.45	37.45	4.69	4191.92	4230.73	109.01	
500.00	500.00	474.50	3.29	47.45	47.45	4.74	4181.72	4230.73	86.31	
600.00	600.00	574.50	3.29	57.45	57.45	4.80	4171.51	4230.73	71.43	
700.00	700.00	674.50	3.29	67.45	67.45	4.87	4161.30	4230.73	60.93	
800.00	800.00	774.50	3.29	77.45	77.45	4.95	4151.09	4230.73	53.12	
900.00	900.00	874.50	3.29	87.45	87.45	5.04	4140.88	4230.73	47.09	
1000.00	1000.00	974.50	3.29	97.45	97.45	5.14	4130.68	4230.73	42.28	
1100.00	1100.00	1074.50	3.29	107.45	107.45	5.25	4120.47	4230.73	38.37	

5D Anti-Collision Report

Secondary Well: Curry State #2 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
1200.00	1200.00	1174.50	3.29	117.45	117.45	5.36	4110.26	4230.73	35.12	
1300.00	1300.00	1274.50	3.29	127.45	127.45	5.48	4100.05	4230.73	32.37	
1400.00	1400.00	1374.50	3.29	137.45	137.45	5.60	4089.84	4230.73	30.03	
1500.00	1500.00	1474.50	3.29	147.45	147.45	5.73	4079.64	4230.73	28.00	
1600.00	1600.00	1574.50	3.29	157.45	157.45	5.86	4069.43	4230.73	26.23	
1700.00	1700.00	1674.50	3.29	167.45	167.45	6.00	4059.22	4230.73	24.67	
1800.00	1800.00	1774.50	3.29	177.45	177.45	6.14	4049.01	4230.73	23.28	
1900.00	1900.00	1874.50	3.29	187.45	187.45	6.29	4038.80	4230.73	22.04	
2000.00	2000.00	1974.50	3.29	197.45	197.45	6.44	4028.60	4230.73	20.93	
2100.00	2100.00	2074.50	3.29	207.45	207.45	6.59	4018.39	4230.73	19.92	
2200.00	2200.00	2174.50	3.29	217.45	217.45	6.75	4008.18	4230.73	19.01	
2300.00	2300.00	2274.50	3.29	227.45	227.45	6.91	3997.97	4230.73	18.18	
2400.00	2400.00	2374.50	3.29	237.45	237.45	7.07	3987.76	4230.73	17.41	
2500.00	2500.00	2474.50	3.29	247.45	247.45	7.24	3977.56	4230.73	16.71	
2600.00	2600.00	2574.50	3.29	257.45	257.45	7.41	3967.35	4230.73	16.06	
2700.00	2700.00	2674.50	3.29	267.45	267.45	7.58	3957.14	4230.73	15.46	
2800.00	2800.00	2774.50	3.29	277.45	277.45	7.75	3946.93	4230.73	14.91	
2900.00	2900.00	2874.50	3.29	287.45	287.45	7.93	3936.72	4230.73	14.39	
3000.00	3000.00	2974.50	3.29	297.45	297.45	8.10	3926.52	4230.73	13.91	
3100.00	3100.00	3074.50	3.29	307.45	307.45	8.29	3916.31	4230.73	13.46	
3200.00	3200.00	3174.50	3.29	317.45	317.45	8.47	3906.10	4230.73	13.03	
3300.00	3300.00	3274.50	3.29	327.45	327.45	8.66	3895.89	4230.73	12.64	
3400.00	3400.00	3374.50	3.29	337.45	337.45	8.85	3885.68	4230.73	12.26	
3500.00	3500.00	3474.50	3.29	347.45	347.45	9.04	3875.48	4230.73	11.91	
3600.00	3600.00	3574.50	3.29	357.45	357.45	9.23	3865.27	4230.73	11.58	
3700.00	3700.00	3674.50	3.29	367.45	367.45	9.43	3855.06	4230.73	11.26	
3800.00	3800.00	3774.50	3.29	377.45	377.45	9.63	3844.85	4230.73	10.96	
3900.00	3900.00	3874.50	3.29	387.45	387.45	9.83	3834.64	4230.73	10.68	
4000.00	4000.00	3974.50	3.29	397.45	397.45	10.04	3824.44	4230.73	10.41	
4100.00	4100.00	4074.50	3.29	407.45	407.45	10.25	3814.23	4230.73	10.16	
4200.00	4200.00	4174.50	3.29	417.45	417.45	10.46	3804.02	4230.73	9.91	
4300.00	4300.00	4274.50	3.29	427.45	427.45	10.68	3793.81	4230.73	9.68	
4400.00	4400.00	4374.50	3.29	437.45	437.45	10.89	3783.60	4230.73	9.46	
4500.00	4500.00	4474.50	3.29	447.45	447.45	11.11	3773.40	4230.73	9.25	
4600.00	4600.00	4574.50	3.29	457.45	457.45	11.34	3763.19	4230.73	9.05	
4700.00	4700.00	4674.50	3.29	467.45	467.45	11.57	3752.98	4230.73	8.86	
4800.00	4800.00	4774.50	3.29	477.45	477.45	11.80	3742.77	4230.73	8.67	
4900.00	4900.00	4874.50	3.29	487.45	487.45	12.03	3732.56	4230.73	8.49	
5000.00	5000.00	4974.50	3.29	497.45	497.45	12.27	3722.36	4230.73	8.32	
5100.00	5100.00	5074.50	3.29	507.45	507.45	12.52	3712.15	4230.73	8.16	
5200.00	5200.00	5174.50	3.29	517.45	517.45	12.76	3701.94	4230.73	8.00	
5300.00	5300.00	5274.50	3.29	527.45	527.45	13.01	3691.73	4230.73	7.85	
5400.00	5400.00	5374.50	3.29	537.45	537.45	13.27	3681.52	4230.73	7.70	
5500.00	5500.00	5474.50	3.29	547.45	547.45	13.53	3671.32	4230.73	7.56	
5600.00	5600.00	5574.50	3.29	557.45	557.45	13.79	3661.11	4230.73	7.43	
5700.00	5700.00	5674.50	3.29	567.45	567.45	14.05	3650.90	4230.73	7.30	
5800.00	5800.00	5774.50	3.29	577.45	577.45	14.33	3640.69	4230.73	7.17	
5900.00	5900.00	5874.50	3.29	587.45	587.45	14.60	3630.48	4230.73	7.05	
6000.00	6000.00	5974.50	3.29	597.45	597.45	14.88	3620.28	4230.73	6.93	
6100.00	6100.00	6074.50	3.29	607.45	607.45	15.16	3610.07	4230.73	6.82	
6200.00	6200.00	6174.50	3.29	617.45	617.45	15.45	3599.86	4230.73	6.71	
6300.00	6300.00	6274.50	3.29	627.45	627.45	15.75	3589.65	4230.73	6.60	
6400.00	6400.00	6374.50	3.29	637.45	637.45	16.04	3579.44	4230.73	6.50	
6500.00	6500.00	6474.50	3.29	647.45	647.45	16.34	3569.24	4230.73	6.40	
6600.00	6600.00	6574.50	3.29	657.45	657.45	16.65	3559.03	4230.73	6.30	
6700.00	6700.00	6674.50	3.29	667.45	667.45	16.96	3548.82	4230.73	6.20	
6800.00	6800.00	6774.50	3.29	677.45	677.45	17.28	3538.61	4230.73	6.11	
6900.00	6900.00	6874.50	3.29	687.45	687.45	17.60	3528.40	4230.73	6.02	

5D Anti-Collision Report

Secondary Well: Curry State #2 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
7000.00	7000.00	6974.50	3.29	697.45	697.45	17.93	3518.20	4230.73	5.94	
7100.00	7100.00	7074.50	3.29	707.45	707.45	18.26	3507.99	4230.73	5.85	
7200.00	7200.00	7174.50	3.29	717.45	717.45	18.60	3497.78	4230.73	5.77	
7300.00	7300.00	7274.50	3.29	727.45	727.45	18.94	3487.57	4230.73	5.69	
7400.00	7400.00	7374.50	3.29	737.45	737.45	19.29	3477.36	4230.73	5.62	
7500.00	7500.00	7474.50	3.29	747.45	747.45	19.64	3467.16	4230.73	5.54	
7600.00	7600.00	7574.50	3.29	757.45	757.45	20.00	3456.95	4230.73	5.47	
7700.00	7700.00	7674.50	3.29	767.45	767.45	20.36	3446.74	4230.73	5.40	
7800.00	7800.00	7774.50	3.29	777.45	777.45	20.73	3436.53	4230.73	5.33	
7900.00	7900.00	7874.50	3.29	787.45	787.45	21.10	3426.32	4230.73	5.26	
8000.00	8000.00	7974.50	3.29	797.45	797.45	21.48	3416.12	4230.73	5.19	
8100.00	8100.00	8074.50	3.29	807.45	807.45	21.86	3405.91	4230.73	5.13	
8200.00	8200.00	8174.50	3.29	817.45	817.45	22.25	3395.70	4230.73	5.07	
8300.00	8300.00	8274.50	3.29	827.45	827.45	22.65	3385.49	4230.73	5.01	
8400.00	8400.00	8374.50	3.29	837.45	837.45	23.05	3375.28	4230.73	4.95	
8500.00	8500.00	8474.50	3.29	847.45	847.45	23.45	3365.08	4230.73	4.89	
8600.00	8600.00	8574.50	3.29	857.45	857.45	23.87	3354.87	4230.73	4.83	
8700.00	8700.00	8674.50	3.29	867.45	867.45	24.28	3344.66	4230.73	4.77	
8800.00	8800.00	8774.50	3.29	877.45	877.45	24.71	3334.45	4230.73	4.72	
8900.00	8900.00	8874.50	3.29	887.45	887.45	25.14	3324.24	4230.73	4.67	
9000.00	9000.00	8974.50	3.29	897.45	897.45	25.57	3314.04	4230.73	4.62	
9100.00	9100.00	9074.50	3.29	907.45	907.45	26.01	3303.83	4230.73	4.56	
9200.00	9200.00	9174.50	3.29	917.45	917.45	26.46	3293.62	4230.73	4.51	
9300.00	9300.00	9274.50	3.29	927.45	927.45	26.91	3283.41	4230.73	4.47	
9400.00	9400.00	9374.50	3.29	937.45	937.45	27.37	3273.20	4230.73	4.42	
9500.00	9500.00	9474.50	3.29	947.45	947.45	27.83	3263.00	4230.73	4.37	
9600.00	9600.00	9574.50	3.29	957.45	957.45	28.30	3252.79	4230.73	4.33	
9700.00	9700.00	9674.50	3.29	967.45	967.45	28.77	3242.58	4230.73	4.28	
9800.00	9800.00	9774.50	3.29	977.45	977.45	29.26	3232.37	4230.73	4.24	
9900.00	9900.00	9874.50	3.29	987.45	987.45	29.74	3222.17	4230.73	4.19	
10000.00	10000.00	9974.50	3.29	997.45	997.45	30.24	3211.96	4230.73	4.15	
10100.00	10100.00	10074.50	3.29	1007.45	1007.45	30.74	3201.75	4230.73	4.11	
10200.00	10200.00	10174.50	3.29	1017.45	1017.45	31.24	3191.54	4230.73	4.07	
10300.00	10300.00	10274.50	3.29	1027.45	1027.45	31.75	3181.33	4230.73	4.03	
10400.00	10400.00	10374.50	3.29	1037.45	1037.45	32.27	3171.13	4230.73	3.99	
10500.00	10500.00	10474.50	3.29	1047.45	1047.45	32.79	3160.92	4230.73	3.95	
10600.00	10600.00	10574.50	3.29	1057.45	1057.45	33.32	3150.71	4230.73	3.92	
10700.00	10700.00	10674.50	3.29	1067.45	1067.45	33.85	3140.50	4230.73	3.88	
10800.00	10800.00	10774.50	3.29	1077.45	1077.45	34.39	3130.29	4230.73	3.84	
10900.00	10899.80	10874.30	3.83	1087.43	1087.43	34.94	3115.44	4226.10	3.81	
11000.00	10997.39	10971.89	4.00	1097.19	1097.19	35.48	3084.28	4204.88	3.75	
11100.00	11089.79	11064.29	4.34	1106.43	1106.43	35.99	3037.09	4167.08	3.69	
11200.00	11174.21	11148.71	4.91	1114.87	1114.87	36.47	2975.28	4113.84	3.61	
11300.00	11248.09	11222.59	5.84	1122.26	1122.26	36.89	2900.84	4046.78	3.53	
11400.00	11309.17	11283.67	7.47	1128.37	1128.37	37.23	2815.91	3967.96	3.44	
11500.00	11355.60	11330.10	10.63	1133.01	1133.01	37.50	2723.08	3879.76	3.35	
11600.00	11385.97	11360.47	18.65	1136.05	1136.05	37.68	2625.23	3784.87	3.26	
11700.00	11399.36	11373.86	58.25	1137.39	1137.39	37.76	2525.32	3686.18	3.18	
11800.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	2425.72	3586.49	3.09	
11900.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	2326.21	3486.80	3.00	
12000.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	2226.72	3387.14	2.92	
12100.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	2127.26	3287.49	2.83	
12200.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	2027.84	3187.86	2.75	
12300.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	1928.47	3088.26	2.66	
12400.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	1829.14	2988.69	2.58	
12500.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	1729.70	2889.15	2.49	SF(Lo)
12600.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	1629.81	2789.63	2.41	SF(Lo)
12700.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	1529.96	2690.16	2.32	SF(Lo)

5D Anti-Collision Report

Secondary Well: Curry State #2 (Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
12800.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	1430.13	2590.72	2.23	SF(Lo)
12900.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	1330.33	2491.33	2.15	SF(Lo)
13000.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	1230.52	2392.00	2.06	SF(Lo)
13100.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	1130.77	2292.71	1.97	SF(Lo)
13200.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	1031.09	2193.50	1.89	SF(Lo)
13300.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	931.53	2094.36	1.80	SF(Lo)
13400.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	832.07	1995.30	1.72	SF(Lo)
13500.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	732.57	1896.34	1.63	SF(Lo)
13600.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	633.21	1797.50	1.54	SF(Lo)
13700.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	534.10	1698.80	1.46	SF(Med)
13800.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	435.14	1600.25	1.37	SF(Med)
13900.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	336.54	1501.90	1.29	SF(Med)
14000.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	238.18	1403.78	1.20	SF(Med)
14100.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	140.33	1305.94	1.12	SF(Med)
14200.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	43.11	1208.46	1.04	SF(Med)
14300.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-53.15	1111.43	0.95	SF(Hi)
14400.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-149.99	1014.97	0.87	SF(Hi)
14500.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-249.09	919.27	0.79	SF(Hi)
14600.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-346.63	824.60	0.70	SF(Hi)
14700.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-441.52	731.34	0.62	SF(Hi)
14800.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-532.87	640.12	0.55	SF(Hi)
14900.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-628.83	551.95	0.47	SF(Hi)
15000.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-715.50	468.55	0.40	SF(Hi)
15100.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-797.53	392.98	0.33	SF(Hi)
15200.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-873.13	330.65	0.27	SF(Hi)
15300.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-920.96	290.22	0.24	SF(Hi)
15400.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-934.10	281.28	0.23	SF(Hi)
15500.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-905.99	306.62	0.25	SF(Hi)
15600.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-846.67	359.04	0.30	SF(Hi)
15700.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-769.31	428.73	0.36	SF(Hi)
15800.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-680.40	508.63	0.43	SF(Hi)
15900.00	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-591.95	594.64	0.50	SF(Hi)
15905.97	11400.00	11374.50	90.00	1137.45	1137.45	37.76	-586.29	599.91	0.51	SF(Hi)

Secondary Well: Curry State #5(Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
0.00	20.50	0.00	346.60	0.00	0.00	0.00	3182.44	3183.08	4977.01	
100.00	100.00	79.50	346.60	7.95	7.95	2.20	3174.33	3183.02	366.51	
200.00	200.00	179.50	346.60	17.95	17.95	4.62	3164.13	3183.02	168.50	
300.00	300.00	279.50	346.60	27.95	27.95	4.65	3153.92	3183.02	109.39	
400.00	400.00	379.50	346.60	37.95	37.95	4.69	3143.71	3183.02	80.98	
500.00	500.00	479.50	346.60	47.95	47.95	4.74	3133.51	3183.02	64.29	
600.00	600.00	579.50	346.60	57.95	57.95	4.80	3123.30	3183.02	53.30	
700.00	700.00	679.50	346.60	67.95	67.95	4.87	3113.09	3183.02	45.52	
800.00	800.00	779.50	346.60	77.95	77.95	4.96	3102.89	3183.02	39.72	
900.00	900.00	879.50	346.60	87.95	87.95	5.05	3092.68	3183.02	35.23	
1000.00	1000.00	979.50	346.60	97.95	97.95	5.14	3082.47	3183.02	31.66	
1100.00	1100.00	1079.50	346.60	107.95	107.95	5.25	3072.27	3183.02	28.74	
1200.00	1200.00	1179.50	346.60	117.95	117.95	5.36	3062.06	3183.02	26.31	
1300.00	1300.00	1279.50	346.60	127.95	127.95	5.48	3051.85	3183.02	24.27	
1400.00	1400.00	1379.50	346.60	137.95	137.95	5.61	3041.65	3183.02	22.52	
1500.00	1500.00	1479.50	346.60	147.95	147.95	5.73	3031.44	3183.02	21.00	
1600.00	1600.00	1579.50	346.60	157.95	157.95	5.87	3021.23	3183.02	19.67	
1700.00	1700.00	1679.50	346.60	167.95	167.95	6.01	3011.02	3183.02	18.51	
1800.00	1800.00	1779.50	346.60	177.95	177.95	6.15	3000.82	3183.02	17.47	
1900.00	1900.00	1879.50	346.60	187.95	187.95	6.30	2990.61	3183.02	16.54	
2000.00	2000.00	1979.50	346.60	197.95	197.95	6.45	2980.40	3183.02	15.71	
2100.00	2100.00	2079.50	346.60	207.95	207.95	6.60	2970.20	3183.02	14.96	

5D Anti-Collision Report

Secondary Well: Curry State #5(Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
2200.00	2200.00	2179.50	346.60	217.95	217.95	6.76	2959.99	3183.02	14.27	
2300.00	2300.00	2279.50	346.60	227.95	227.95	6.92	2949.78	3183.02	13.65	
2400.00	2400.00	2379.50	346.60	237.95	237.95	7.08	2939.58	3183.02	13.08	
2500.00	2500.00	2479.50	346.60	247.95	247.95	7.25	2929.37	3183.02	12.55	
2600.00	2600.00	2579.50	346.60	257.95	257.95	7.41	2919.16	3183.02	12.06	
2700.00	2700.00	2679.50	346.60	267.95	267.95	7.58	2908.96	3183.02	11.61	
2800.00	2800.00	2779.50	346.60	277.95	277.95	7.76	2898.75	3183.02	11.20	
2900.00	2900.00	2879.50	346.60	287.95	287.95	7.94	2888.54	3183.02	10.81	
3000.00	3000.00	2979.50	346.60	297.95	297.95	8.11	2878.34	3183.02	10.45	
3100.00	3100.00	3079.50	346.60	307.95	307.95	8.30	2868.13	3183.02	10.11	
3200.00	3200.00	3179.50	346.60	317.95	317.95	8.48	2857.92	3183.02	9.79	
3300.00	3300.00	3279.50	346.60	327.95	327.95	8.67	2847.72	3183.02	9.49	
3400.00	3400.00	3379.50	346.60	337.95	337.95	8.86	2837.51	3183.02	9.21	
3500.00	3500.00	3479.50	346.60	347.95	347.95	9.05	2827.30	3183.02	8.95	
3600.00	3600.00	3579.50	346.60	357.95	357.95	9.24	2817.09	3183.02	8.70	
3700.00	3700.00	3679.50	346.60	367.95	367.95	9.44	2806.89	3183.02	8.46	
3800.00	3800.00	3779.50	346.60	377.95	377.95	9.64	2796.68	3183.02	8.24	
3900.00	3900.00	3879.50	346.60	387.95	387.95	9.84	2786.47	3183.02	8.03	
4000.00	4000.00	3979.50	346.60	397.95	397.95	10.05	2776.27	3183.02	7.83	
4100.00	4100.00	4079.50	346.60	407.95	407.95	10.26	2766.06	3183.02	7.63	
4200.00	4200.00	4179.50	346.60	417.95	417.95	10.47	2755.85	3183.02	7.45	
4300.00	4300.00	4279.50	346.60	427.95	427.95	10.69	2745.65	3183.02	7.28	
4400.00	4400.00	4379.50	346.60	437.95	437.95	10.90	2735.44	3183.02	7.11	
4500.00	4500.00	4479.50	346.60	447.95	447.95	11.12	2725.23	3183.02	6.95	
4600.00	4600.00	4579.50	346.60	457.95	457.95	11.35	2715.03	3183.02	6.80	
4700.00	4700.00	4679.50	346.60	467.95	467.95	11.58	2704.82	3183.02	6.66	
4800.00	4800.00	4779.50	346.60	477.95	477.95	11.81	2694.61	3183.02	6.52	
4900.00	4900.00	4879.50	346.60	487.95	487.95	12.05	2684.41	3183.02	6.38	
5000.00	5000.00	4979.50	346.60	497.95	497.95	12.28	2674.20	3183.02	6.26	
5100.00	5100.00	5079.50	346.60	507.95	507.95	12.53	2663.99	3183.02	6.13	
5200.00	5200.00	5179.50	346.60	517.95	517.95	12.77	2653.79	3183.02	6.01	
5300.00	5300.00	5279.50	346.60	527.95	527.95	13.02	2643.58	3183.02	5.90	
5400.00	5400.00	5379.50	346.60	537.95	537.95	13.28	2633.37	3183.02	5.79	
5500.00	5500.00	5479.50	346.60	547.95	547.95	13.54	2623.17	3183.02	5.69	
5600.00	5600.00	5579.50	346.60	557.95	557.95	13.80	2612.96	3183.02	5.58	
5700.00	5700.00	5679.50	346.60	567.95	567.95	14.07	2602.75	3183.02	5.49	
5800.00	5800.00	5779.50	346.60	577.95	577.95	14.34	2592.54	3183.02	5.39	
5900.00	5900.00	5879.50	346.60	587.95	587.95	14.61	2582.34	3183.02	5.30	
6000.00	6000.00	5979.50	346.60	597.95	597.95	14.89	2572.13	3183.02	5.21	
6100.00	6100.00	6079.50	346.60	607.95	607.95	15.18	2561.92	3183.02	5.12	
6200.00	6200.00	6179.50	346.60	617.95	617.95	15.46	2551.72	3183.02	5.04	
6300.00	6300.00	6279.50	346.60	627.95	627.95	15.76	2541.51	3183.02	4.96	
6400.00	6400.00	6379.50	346.60	637.95	637.95	16.05	2531.30	3183.02	4.88	
6500.00	6500.00	6479.50	346.60	647.95	647.95	16.36	2521.10	3183.02	4.81	
6600.00	6600.00	6579.50	346.60	657.95	657.95	16.66	2510.89	3183.02	4.74	
6700.00	6700.00	6679.50	346.60	667.95	667.95	16.98	2500.68	3183.02	4.66	
6800.00	6800.00	6779.50	346.60	677.95	677.95	17.29	2490.48	3183.02	4.60	
6900.00	6900.00	6879.50	346.60	687.95	687.95	17.61	2480.27	3183.02	4.53	
7000.00	7000.00	6979.50	346.60	697.95	697.95	17.94	2470.06	3183.02	4.46	
7100.00	7100.00	7079.50	346.60	707.95	707.95	18.27	2459.86	3183.02	4.40	
7200.00	7200.00	7179.50	346.60	717.95	717.95	18.61	2449.65	3183.02	4.34	
7300.00	7300.00	7279.50	346.60	727.95	727.95	18.95	2439.44	3183.02	4.28	
7400.00	7400.00	7379.50	346.60	737.95	737.95	19.30	2429.24	3183.02	4.22	
7500.00	7500.00	7479.50	346.60	747.95	747.95	19.65	2419.03	3183.02	4.17	
7600.00	7600.00	7579.50	346.60	757.95	757.95	20.01	2408.82	3183.02	4.11	
7700.00	7700.00	7679.50	346.60	767.95	767.95	20.37	2398.62	3183.02	4.06	
7800.00	7800.00	7779.50	346.60	777.95	777.95	20.74	2388.41	3183.02	4.01	
7900.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2381.32	3183.15	3.97	

5D Anti-Collision Report

Secondary Well: Curry State #5(Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
8000.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2384.22	3185.65	3.97	
8100.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2391.04	3191.28	3.99	
8200.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2401.74	3200.03	4.01	
8300.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2416.30	3211.86	4.04	
8400.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2434.59	3226.76	4.07	
8500.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2456.59	3244.67	4.12	
8600.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2482.21	3265.54	4.17	
8700.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2511.37	3289.33	4.23	
8800.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2543.95	3315.96	4.30	
8900.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2579.86	3345.37	4.37	
9000.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2618.96	3377.48	4.45	
9100.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2661.13	3412.22	4.54	
9200.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2706.25	3449.52	4.64	
9300.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2754.12	3489.28	4.75	
9400.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2804.68	3531.43	4.86	
9500.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2857.80	3575.87	4.98	
9600.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2913.35	3622.54	5.11	
9700.00	7870.50	7850.00	346.60	785.00	785.00	21.00	2971.20	3671.33	5.24	
9800.00	7870.50	7850.00	346.60	785.00	785.00	21.00	3031.24	3722.17	5.39	
9900.00	7870.50	7850.00	346.60	785.00	785.00	21.00	3093.35	3774.98	5.54	
10000.00	7870.50	7850.00	346.60	785.00	785.00	21.00	3157.41	3829.67	5.70	
10100.00	7870.50	7850.00	346.60	785.00	785.00	21.00	3223.28	3886.16	5.86	
10200.00	7870.50	7850.00	346.60	785.00	785.00	21.00	3290.85	3944.38	6.04	
10300.00	7870.50	7850.00	346.60	785.00	785.00	21.00	3360.05	4004.26	6.22	
10400.00	7870.50	7850.00	346.60	785.00	785.00	21.00	3430.80	4065.71	6.40	
10500.00	7870.50	7850.00	346.60	785.00	785.00	21.00	3503.00	4128.66	6.60	
10600.00	7870.50	7850.00	346.60	785.00	785.00	21.00	3576.57	4193.06	6.80	
10700.00	7870.50	7850.00	346.60	785.00	785.00	21.00	3651.42	4258.83	7.01	
10800.00	7870.50	7850.00	346.60	785.00	785.00	21.00	3727.49	4325.92	7.23	
10900.00	7870.50	7850.00	348.40	785.00	785.00	21.00	3801.67	4390.84	7.45	
11000.00	7870.50	7850.00	349.60	785.00	785.00	21.00	3865.18	4443.97	7.68	
11100.00	7870.50	7850.00	350.36	785.00	785.00	21.00	3916.32	4483.70	7.90	
11200.00	7870.50	7850.00	350.79	785.00	785.00	21.00	3953.96	4509.19	8.12	
11300.00	7870.50	7850.00	350.96	785.00	785.00	21.00	3977.41	4519.90	8.33	
11400.00	7870.50	7850.00	350.89	785.00	785.00	21.00	3986.21	4515.63	8.53	
11500.00	7870.50	7850.00	350.58	785.00	785.00	21.00	3980.14	4496.45	8.71	
11600.00	7870.50	7850.00	349.97	785.00	785.00	21.00	3958.57	4462.76	8.85	
11700.00	7870.50	7850.00	348.98	785.00	785.00	21.00	3922.52	4415.27	8.96	
11800.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3876.75	4358.64	9.04	
11900.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3832.41	4303.07	9.14	
12000.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3790.15	4249.12	9.26	
12100.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3750.04	4196.86	9.39	
12200.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3712.17	4146.35	9.55	
12300.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3676.56	4097.66	9.73	
12400.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3643.25	4050.86	9.94	
12500.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3612.34	4006.00	10.18	
12600.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3583.94	3963.16	10.45	
12700.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3558.06	3922.40	10.77	
12800.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3533.40	3883.79	11.08	
12900.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3511.37	3847.40	11.45	
13000.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3491.97	3813.28	11.87	
13100.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3475.32	3781.49	12.35	
13200.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3461.48	3752.11	12.91	
13300.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3448.90	3725.17	13.48	
13400.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3438.69	3700.75	14.12	
13500.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3431.42	3678.88	14.87	
13600.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3425.19	3659.61	15.61	
13700.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3421.05	3642.99	16.41	

5D Anti-Collision Report

Secondary Well: Curry State #5(Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
13800.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3418.26	3629.04	17.22	
13900.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3416.88	3617.81	18.01	
14000.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3415.65	3609.32	18.64	
14100.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3415.16	3603.58	19.13	
14200.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3414.96	3600.61	19.39	
14300.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3414.23	3600.42	19.34	
14400.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3413.18	3603.00	18.98	
14500.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3412.42	3608.35	18.42	
14600.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3412.25	3616.47	17.71	
14700.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3412.27	3627.32	16.87	
14800.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3413.54	3640.88	16.01	
14900.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3416.39	3657.14	15.19	
15000.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3420.98	3676.04	14.41	
15100.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3427.10	3697.55	13.67	
15200.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3436.02	3721.62	13.03	
15300.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3446.82	3748.21	12.44	
15400.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3459.43	3777.26	11.88	
15500.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3474.90	3808.71	11.41	
15600.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3493.19	3842.51	11.00	
15700.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3514.25	3878.60	10.65	
15800.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3537.19	3916.90	10.32	
15900.00	7870.50	7850.00	348.63	785.00	785.00	21.00	3562.13	3957.37	10.01	
15905.97	7870.50	7850.00	348.63	785.00	785.00	21.00	3563.70	3959.85	10.00	

Secondary Well: Curry State #6(Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
0.00	14.50	0.00	344.89	0.00	0.00	0.00	4363.67	4364.30	6824.02	
100.00	100.00	85.50	344.89	8.55	8.55	2.37	4355.01	4364.28	470.94	
200.00	200.00	185.50	344.89	18.55	18.55	4.62	4344.83	4364.28	224.34	
300.00	300.00	285.50	344.89	28.55	28.55	4.65	4334.64	4364.28	147.24	
400.00	400.00	385.50	344.89	38.55	38.55	4.69	4324.45	4364.28	109.58	
500.00	500.00	485.50	344.89	48.55	48.55	4.74	4314.26	4364.28	87.26	
600.00	600.00	585.50	344.89	58.55	58.55	4.81	4304.08	4364.28	72.49	
700.00	700.00	685.50	344.89	68.55	68.55	4.88	4293.89	4364.28	62.00	
800.00	800.00	785.50	344.89	78.55	78.55	4.96	4283.70	4364.28	54.16	
900.00	900.00	885.50	344.89	88.55	88.55	5.05	4273.51	4364.28	48.08	
1000.00	1000.00	985.50	344.89	98.55	98.55	5.15	4263.33	4364.28	43.23	
1100.00	1100.00	1085.50	344.89	108.55	108.55	5.26	4253.14	4364.28	39.27	
1200.00	1200.00	1185.50	344.89	118.55	118.55	5.37	4242.95	4364.28	35.97	
1300.00	1300.00	1285.50	344.89	128.55	128.55	5.49	4232.76	4364.28	33.18	
1400.00	1400.00	1385.50	344.89	138.55	138.55	5.61	4222.58	4364.28	30.80	
1500.00	1500.00	1485.50	344.89	148.55	148.55	5.74	4212.39	4364.28	28.73	
1600.00	1600.00	1585.50	344.89	158.55	158.55	5.88	4202.20	4364.28	26.93	
1700.00	1700.00	1685.50	344.89	168.55	168.55	6.02	4192.01	4364.28	25.33	
1800.00	1800.00	1785.50	344.89	178.55	178.55	6.16	4181.83	4364.28	23.92	
1900.00	1900.00	1885.50	344.89	188.55	188.55	6.31	4171.64	4364.28	22.65	
2000.00	2000.00	1985.50	344.89	198.55	198.55	6.46	4161.45	4364.28	21.52	
2100.00	2100.00	2085.50	344.89	208.55	208.55	6.61	4151.26	4364.28	20.49	
2200.00	2200.00	2185.50	344.89	218.55	218.55	6.77	4141.08	4364.28	19.55	
2300.00	2300.00	2285.50	344.89	228.55	228.55	6.93	4130.89	4364.28	18.70	
2400.00	2400.00	2385.50	344.89	238.55	238.55	7.09	4120.70	4364.28	17.92	
2500.00	2500.00	2485.50	344.89	248.55	248.55	7.26	4110.51	4364.28	17.20	
2600.00	2600.00	2585.50	344.89	258.55	258.55	7.42	4100.33	4364.28	16.53	
2700.00	2700.00	2685.50	344.89	268.55	268.55	7.60	4090.14	4364.28	15.92	
2800.00	2800.00	2785.50	344.89	278.55	278.55	7.77	4079.95	4364.28	15.35	
2900.00	2900.00	2885.50	344.89	288.55	288.55	7.95	4069.76	4364.28	14.82	
3000.00	3000.00	2985.50	344.89	298.55	298.55	8.12	4059.58	4364.28	14.32	
3100.00	3100.00	3085.50	344.89	308.55	308.55	8.31	4049.39	4364.28	13.86	

5D Anti-Collision Report

Secondary Well: Curry State #6(Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
3200.00	3200.00	3185.50	344.89	318.55	318.55	8.49	4039.20	4364.28	13.43	
3300.00	3300.00	3285.50	344.89	328.55	328.55	8.68	4029.01	4364.28	13.02	
3400.00	3400.00	3385.50	344.89	338.55	338.55	8.87	4018.83	4364.28	12.63	
3500.00	3500.00	3485.50	344.89	348.55	348.55	9.06	4008.64	4364.28	12.27	
3600.00	3600.00	3585.50	344.89	358.55	358.55	9.25	3998.45	4364.28	11.93	
3700.00	3700.00	3685.50	344.89	368.55	368.55	9.45	3988.26	4364.28	11.61	
3800.00	3800.00	3785.50	344.89	378.55	378.55	9.65	3978.08	4364.28	11.30	
3900.00	3900.00	3885.50	344.89	388.55	388.55	9.86	3967.89	4364.28	11.01	
4000.00	4000.00	3985.50	344.89	398.55	398.55	10.06	3957.70	4364.28	10.73	
4100.00	4100.00	4085.50	344.89	408.55	408.55	10.27	3947.51	4364.28	10.47	
4200.00	4200.00	4185.50	344.89	418.55	418.55	10.48	3937.32	4364.28	10.22	
4300.00	4300.00	4285.50	344.89	428.55	428.55	10.70	3927.14	4364.28	9.98	
4400.00	4400.00	4385.50	344.89	438.55	438.55	10.92	3916.95	4364.28	9.76	
4500.00	4500.00	4485.50	344.89	448.55	448.55	11.14	3906.76	4364.28	9.54	
4600.00	4600.00	4585.50	344.89	458.55	458.55	11.36	3896.57	4364.28	9.33	
4700.00	4700.00	4685.50	344.89	468.55	468.55	11.59	3886.39	4364.28	9.13	
4800.00	4800.00	4785.50	344.89	478.55	478.55	11.82	3876.20	4364.28	8.94	
4900.00	4900.00	4885.50	344.89	488.55	488.55	12.06	3866.01	4364.28	8.76	
5000.00	5000.00	4985.50	344.89	498.55	498.55	12.30	3855.82	4364.28	8.58	
5100.00	5100.00	5085.50	344.89	508.55	508.55	12.54	3845.64	4364.28	8.41	
5200.00	5200.00	5185.50	344.89	518.55	518.55	12.79	3835.45	4364.28	8.25	
5300.00	5300.00	5285.50	344.89	528.55	528.55	13.04	3825.26	4364.28	8.10	
5400.00	5400.00	5385.50	344.89	538.55	538.55	13.29	3815.07	4364.28	7.95	
5500.00	5500.00	5485.50	344.89	548.55	548.55	13.55	3804.89	4364.28	7.80	
5600.00	5600.00	5585.50	344.89	558.55	558.55	13.81	3794.70	4364.28	7.66	
5700.00	5700.00	5685.50	344.89	568.55	568.55	14.08	3784.51	4364.28	7.53	
5800.00	5800.00	5785.50	344.89	578.55	578.55	14.35	3774.32	4364.28	7.40	
5900.00	5900.00	5885.50	344.89	588.55	588.55	14.63	3764.14	4364.28	7.27	
6000.00	6000.00	5985.50	344.89	598.55	598.55	14.90	3753.95	4364.28	7.15	
6100.00	6100.00	6085.50	344.89	608.55	608.55	15.19	3743.76	4364.28	7.03	
6200.00	6200.00	6185.50	344.89	618.55	618.55	15.48	3733.57	4364.28	6.92	
6300.00	6300.00	6285.50	344.89	628.55	628.55	15.77	3723.39	4364.28	6.81	
6400.00	6400.00	6385.50	344.89	638.55	638.55	16.07	3713.20	4364.28	6.70	
6500.00	6500.00	6485.50	344.89	648.55	648.55	16.37	3703.01	4364.28	6.60	
6600.00	6600.00	6585.50	344.89	658.55	658.55	16.68	3692.82	4364.28	6.50	
6700.00	6700.00	6685.50	344.89	668.55	668.55	16.99	3682.64	4364.28	6.40	
6800.00	6800.00	6785.50	344.89	678.55	678.55	17.31	3672.45	4364.28	6.31	
6900.00	6900.00	6885.50	344.89	688.55	688.55	17.63	3662.26	4364.28	6.22	
7000.00	7000.00	6985.50	344.89	698.55	698.55	17.95	3652.07	4364.28	6.13	
7100.00	7100.00	7085.50	344.89	708.55	708.55	18.29	3641.89	4364.28	6.04	
7200.00	7200.00	7185.50	344.89	718.55	718.55	18.62	3631.70	4364.28	5.96	
7300.00	7300.00	7285.50	344.89	728.55	728.55	18.97	3621.51	4364.28	5.88	
7400.00	7400.00	7385.50	344.89	738.55	738.55	19.31	3611.32	4364.28	5.80	
7500.00	7500.00	7485.50	344.89	748.55	748.55	19.66	3601.14	4364.28	5.72	
7600.00	7600.00	7585.50	344.89	758.55	758.55	20.02	3590.95	4364.28	5.64	
7700.00	7700.00	7685.50	344.89	768.55	768.55	20.39	3580.76	4364.28	5.57	
7800.00	7800.00	7785.50	344.89	778.55	778.55	20.75	3570.57	4364.28	5.50	
7900.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3570.39	4365.20	5.49	
8000.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3573.94	4368.39	5.50	
8100.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3580.19	4373.87	5.51	
8200.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3589.13	4381.63	5.53	
8300.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3600.73	4391.65	5.55	
8400.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3614.98	4403.91	5.58	
8500.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3631.80	4418.41	5.62	
8600.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3651.20	4435.12	5.66	
8700.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3673.14	4454.00	5.70	
8800.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3697.58	4475.05	5.76	
8900.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3724.48	4498.22	5.81	

5D Anti-Collision Report

Secondary Well: Curry State #6(Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
9000.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3753.79	4523.48	5.88	
9100.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3785.45	4550.80	5.95	
9200.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3819.42	4580.14	6.02	
9300.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3855.63	4611.46	6.10	
9400.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3894.03	4644.72	6.19	
9500.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3934.56	4679.89	6.28	
9600.00	7810.50	7796.00	344.89	779.60	779.60	20.79	3977.15	4716.91	6.38	
9700.00	7810.50	7796.00	344.89	779.60	779.60	20.79	4021.70	4755.75	6.48	
9800.00	7810.50	7796.00	344.89	779.60	779.60	20.79	4068.18	4796.36	6.59	
9900.00	7810.50	7796.00	344.89	779.60	779.60	20.79	4116.56	4838.69	6.70	
10000.00	7810.50	7796.00	344.89	779.60	779.60	20.79	4166.75	4882.71	6.82	
10100.00	7810.50	7796.00	344.89	779.60	779.60	20.79	4218.69	4928.36	6.94	
10200.00	7810.50	7796.00	344.89	779.60	779.60	20.79	4272.34	4975.61	7.07	
10300.00	7810.50	7796.00	344.89	779.60	779.60	20.79	4327.62	5024.40	7.21	
10400.00	7810.50	7796.00	344.89	779.60	779.60	20.79	4384.48	5074.69	7.35	
10500.00	7810.50	7796.00	344.89	779.60	779.60	20.79	4442.85	5126.44	7.50	
10600.00	7810.50	7796.00	344.89	779.60	779.60	20.79	4502.69	5179.60	7.65	
10700.00	7810.50	7796.00	344.89	779.60	779.60	20.79	4563.92	5234.13	7.81	
10800.00	7810.50	7796.00	344.89	779.60	779.60	20.79	4626.46	5290.00	7.97	
10900.00	7810.50	7796.00	346.49	779.60	779.60	20.79	4686.66	5343.37	8.14	
11000.00	7810.50	7796.00	347.49	779.60	779.60	20.79	4734.59	5383.77	8.29	
11100.00	7810.50	7796.00	348.06	779.60	779.60	20.79	4768.69	5409.79	8.44	
11200.00	7810.50	7796.00	348.29	779.60	779.60	20.79	4788.14	5420.85	8.57	
11300.00	7810.50	7796.00	348.20	779.60	779.60	20.79	4792.63	5416.70	8.68	
11400.00	7810.50	7796.00	347.79	779.60	779.60	20.79	4781.98	5397.42	8.77	
11500.00	7810.50	7796.00	347.00	779.60	779.60	20.79	4756.36	5363.46	8.83	
11600.00	7810.50	7796.00	345.71	779.60	779.60	20.79	4716.36	5315.57	8.87	
11700.00	7810.50	7796.00	343.69	779.60	779.60	20.79	4662.83	5254.86	8.88	
11800.00	7810.50	7796.00	342.97	779.60	779.60	20.79	4600.36	5185.81	8.86	
11900.00	7810.50	7796.00	342.97	779.60	779.60	20.79	4538.69	5117.34	8.84	
12000.00	7810.50	7796.00	342.97	779.60	779.60	20.79	4478.36	5049.92	8.84	
12100.00	7810.50	7796.00	342.97	779.60	779.60	20.79	4419.42	4983.59	8.83	
12200.00	7810.50	7796.00	342.97	779.60	779.60	20.79	4361.95	4918.40	8.84	
12300.00	7810.50	7796.00	342.97	779.60	779.60	20.79	4305.95	4854.40	8.85	
12400.00	7810.50	7796.00	342.97	779.60	779.60	20.79	4251.49	4791.62	8.87	
12500.00	7810.50	7796.00	342.97	779.60	779.60	20.79	4198.68	4730.13	8.90	
12600.00	7810.50	7796.00	342.97	779.60	779.60	20.79	4147.50	4669.97	8.94	
12700.00	7810.50	7796.00	342.97	779.60	779.60	20.79	4098.06	4611.20	8.99	
12800.00	7810.50	7796.00	342.97	779.60	779.60	20.79	4050.39	4553.86	9.05	
12900.00	7810.50	7796.00	342.97	779.60	779.60	20.79	4004.62	4498.01	9.12	
13000.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3960.36	4443.72	9.19	
13100.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3917.26	4391.03	9.27	
13200.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3876.19	4340.00	9.36	
13300.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3837.16	4290.70	9.46	
13400.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3800.34	4243.18	9.58	
13500.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3765.78	4197.51	9.72	
13600.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3733.52	4153.75	9.88	
13700.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3703.74	4111.95	10.07	
13800.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3675.78	4072.17	10.27	
13900.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3648.89	4034.49	10.46	
14000.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3624.60	3998.95	10.68	
14100.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3602.78	3965.61	10.93	
14200.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3583.76	3934.54	11.22	
14300.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3566.21	3905.78	11.50	
14400.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3549.99	3879.38	11.78	
14500.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3536.55	3855.40	12.09	
14600.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3525.70	3833.87	12.44	
14700.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3514.83	3814.85	12.72	

5D Anti-Collision Report

Secondary Well: Curry State #6(Active) (s)(TVD relative to Kelly Bushing)(All Azimuth Relative to GRID NORTH)										
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	TVD Spread (US ft)	ES (US ft)	CC (US ft)	SF	Risk
14800.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3506.75	3798.36	13.03	
14900.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3499.98	3784.45	13.30	
15000.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3494.35	3773.14	13.53	
15100.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3490.60	3764.45	13.75	
15200.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3487.20	3758.40	13.86	
15300.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3485.55	3755.00	13.94	
15400.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3484.09	3754.27	13.90	
15500.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3484.19	3756.20	13.81	
15600.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3484.85	3760.79	13.63	
15700.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3487.02	3768.03	13.41	
15800.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3489.90	3777.90	13.12	
15900.00	7810.50	7796.00	342.97	779.60	779.60	20.79	3494.92	3790.39	12.83	
15905.97	7810.50	7796.00	342.97	779.60	779.60	20.79	3495.16	3791.21	12.81	

**Weatherford**

Weatherford Drilling Services

GeoDec4 v2.1.0.0

Report Date: May 28, 2015
Job Number: _____
Customer: GMT Exploration Company, LLC
Well Name: Briard 22 Federal State Com 2H
API Number: _____
Rig Name: _____
Location: Lea Co, NM Nad83 NME
Block: _____
Engineer: RWJ

NAD83 / New Mexico East (ftUS)	NAD83 (1986)
Projected Coordinate System	Geodetic Coordinate System
Datum: North American Datum 1983 (1986)	Datum: North American Datum 1983 (1986)
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
EPSG: 2257	EPSG: 4269
North: 467930.30 US Survey Foot	Latitude: 32.283401 Degree
East: 810929.10 US Survey Foot	Longitude: -103.46097 Degree
Convergence: 0.47°	
Declination: 7.16°	
Total Correction: 6.69°	
Datum Transformation: none	

Geodetic Location WGS84

MSL Elevation = 0 m
Latitude = 32° 17' 00.24" N
Longitude = 103° 27' 39.49" W

Magnetic Declination = 7.16 deg	[True North Offset]
Local Gravity = .9988 g	Checksum = 6608
Local Field Strength = 48256 nT	Magnetic Vector X = 23783 nT
Magnetic Dip = 60.22 deg	Magnetic Vector Y = 2989 nT
Magnetic Model = bggm2015.dat	Magnetic Vector Z = 41882 nT
Run Date = October 30, 2015	Magnetic Vector H = 23970 nT

Signed: _____ Date: _____

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