

HOBBS OCD

AUG 29 2016

RECEIVED



Dandie 22 Federal State Com 3H
Lea Co, NM

Plan Data for Dandie 22 Federal State Com 3H

Plan Point Information:

DogLeg Severity Unit: °/100.00ft

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	467945.20	812810.60	0.00	0.00
10827.04	0.00	0.00	10827.04	0.00	0.00	467945.20	812810.60	0.00	0.00
11727.04	90.00	359.48	11400.00	572.94	-5.21	468518.14	812805.39	572.96	10.00
15905.28	90.00	359.48	11400.00	4751.00	-43.20	472696.20	812767.40	4751.20	0.00

Plan Data for Dandie 22 Federal State Com 3H

Slot: Dandie 22 Federal State Com 3H
Position:
Offset is from Site centre
+N/-S: 0.00USft Northing: 467945.20USft Latitude: 32°17'0.2"
+E/-W: 0.00USft Easting: 812810.60USft Longitude: -103°27'17.6"
Elevation Above VRD: 3415.00USft

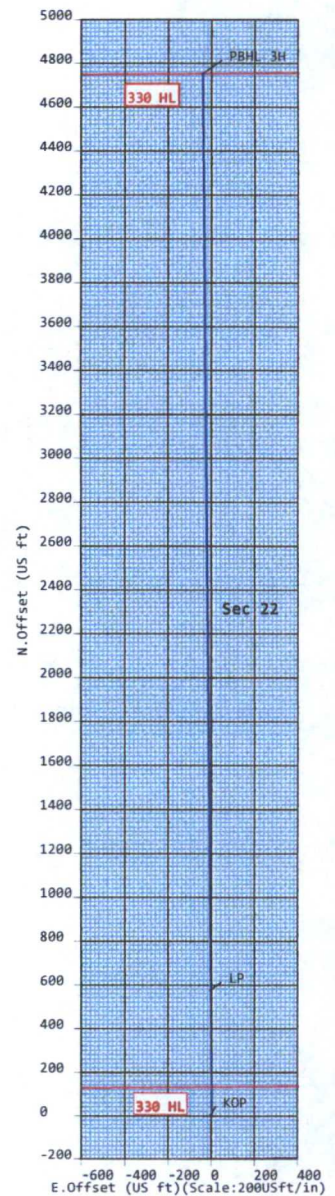
Plan Data for Dandie 22 Federal State Com 3H

Target Set Information:
Name: Dandie 22 Federal State Com 3H
Position offsets from Slot centre
Name TVD +N/-S +E/-W Northing Easting Shape Comment
(USft) (USft) (USft) (USft) (USft)
PBHL 3H 11400.00 4751.00 -43.20 472696.20 812767.40 Cuboid

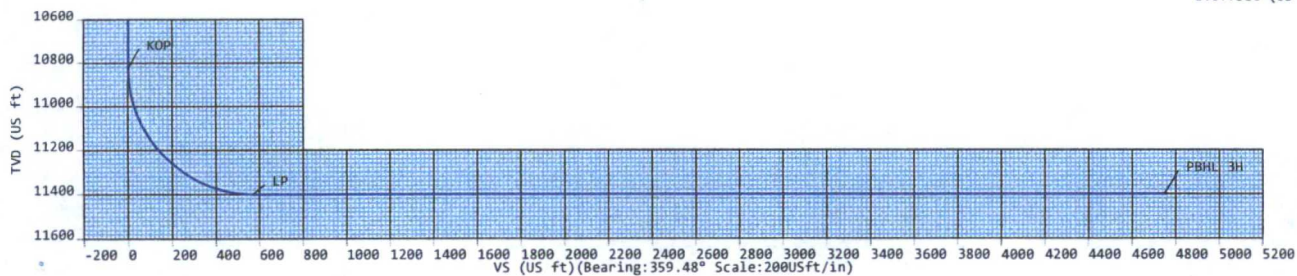
Plan Data for Dandie 22 Federal State Com 3H

Well: Dandie 22 Federal State Com 3H
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: 359.48°
+E/-W: 0.00USft
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
BGGM 48252(nT) 7.16° 60.22° 2015-11-15

Dandie 22 Federal State Com 3H



KB-3434.50
GL-3415



Sign Off: Russell Joyner

HOBBS OCD

AUG 29 2016

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5D Plan Report**GMT Exploration Co., LLC****Field Name:** *Lea Co., New Mexico (NAD 83 NME)***Site Name:** *Dandie 22 Federal State Com 3H***Well Name:** *Dandie 22 Federal State Com 3H***Plan:** *P1:V1*

28 May 2015

**Weatherford®**

Dandie 22 Federal State Com 3H

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 Dandie 22 Federal State Corn 3H	Units : US ft	North Reference : Grid	Convergence Angle : 0.47	
	Position	Northing : 467945.20 US ft	Latitude : 32° 17' 0.24"	
		Easting : 812810.60 US ft	Longitude : -103° 27' 17.58"	
	Elevation above Mean Sea Level:3415.00 US ft			
Comment :				
Slot Name Dandie 22 Federal State Corn 3H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing :467945.20 US ft	Latitude : 32°17'0.24"	
	+E / -W : 0.00 US ft	Easting :812810.60 US ft	Longitude : -103°27'17.58"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3415.00 US ft				
Comment :				
Well Name Dandie 22 Federal State Corn 3H	Type : Main well		UWI :	Plan : P1:V1
	Rig Height <i>Kelly Bushing</i> : 19.50 US ft		Comment :	
	Relative to Mean Sea Level: 3434.50 US ft			
	Closure Distance : 4751.2 US ft		Closure Azimuth : 359.479°	
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az :359.48°
	Magnetic Parameters			
	Model : BGGM	Field Strength : 48252.0nT	Dec : 7.16°	Dip : 60.22°

Target Set

Name : Dandie 22 Federal State Com 3H **Number of Targets** : 1

Comment :

Target Name:	Position (Relative to Slot centre)		
	+N / -S : 4751.00US ft	Northing : 472696.20 US ft	Latitude : 32°17'47.25"
PBHL 3H	+E / -W : -43.20 US ft	Easting : 812767.40US ft	Longitude : -103°27'17.63"
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 (°)	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	359.48	11400.00	572.94	-5.21	572.96	10.00	10.00	0.00	359.48	LP
15905.28	90.00	359.48	11400.00	4751.00	-43.20	4751.20	0.00	0.00	0.00	0.00	PBHL 3H

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	467945.20	812810.60	
10827.04	0.00	0.00	10827.04	0.00	0.00	0.00	0.00	467945.20	812810.60	KOP
10900.00	7.30	359.48	10899.80	4.64	-0.04	4.64	10.00	467949.84	812810.56	
11000.00	17.30	359.48	10997.39	25.91	-0.24	25.91	10.00	467971.11	812810.36	
11100.00	27.30	359.48	11089.79	63.80	-0.58	63.80	10.00	468009.00	812810.02	
11200.00	37.30	359.48	11174.21	117.16	-1.07	117.16	10.00	468062.36	812809.53	
11300.00	47.30	359.48	11248.09	184.36	-1.68	184.37	10.00	468129.56	812808.92	
11400.00	57.30	359.48	11309.17	263.38	-2.39	263.39	10.00	468208.58	812808.21	
11500.00	67.30	359.48	11355.60	351.80	-3.20	351.81	10.00	468297.00	812807.40	
11600.00	77.30	359.48	11385.97	446.94	-4.06	446.96	10.00	468392.14	812806.54	
11700.00	87.30	359.48	11399.36	545.90	-4.96	545.93	10.00	468491.10	812805.64	
11727.04	90.00	359.48	11400.00	572.94	-5.21	572.96	10.00	468518.14	812805.39	LP
11800.00	90.00	359.48	11400.00	645.89	-5.87	645.92	0.00	468591.09	812804.73	
11900.00	90.00	359.48	11400.00	745.89	-6.78	745.92	0.00	468691.09	812803.82	
12000.00	90.00	359.48	11400.00	845.88	-7.69	845.92	0.00	468791.08	812802.91	
12100.00	90.00	359.48	11400.00	945.88	-8.60	945.92	0.00	468891.08	812802.00	
12200.00	90.00	359.48	11400.00	1045.87	-9.51	1045.92	0.00	468991.07	812801.09	
12300.00	90.00	359.48	11400.00	1145.87	-10.42	1145.92	0.00	469091.07	812800.18	
12400.00	90.00	359.48	11400.00	1245.87	-11.33	1245.92	0.00	469191.07	812799.27	
12500.00	90.00	359.48	11400.00	1345.86	-12.24	1345.92	0.00	469291.06	812798.36	
12600.00	90.00	359.48	11400.00	1445.86	-13.15	1445.92	0.00	469391.06	812797.45	
12700.00	90.00	359.48	11400.00	1545.85	-14.06	1545.92	0.00	469491.05	812796.54	
12800.00	90.00	359.48	11400.00	1645.85	-14.97	1645.92	0.00	469591.05	812795.63	
12900.00	90.00	359.48	11400.00	1745.85	-15.87	1745.92	0.00	469691.05	812794.73	
13000.00	90.00	359.48	11400.00	1845.84	-16.78	1845.92	0.00	469791.04	812793.82	
13100.00	90.00	359.48	11400.00	1945.84	-17.69	1945.92	0.00	469891.04	812792.91	
13200.00	90.00	359.48	11400.00	2045.83	-18.60	2045.92	0.00	469991.03	812792.00	
13300.00	90.00	359.48	11400.00	2145.83	-19.51	2145.92	0.00	470091.03	812791.09	
13400.00	90.00	359.48	11400.00	2245.82	-20.42	2245.92	0.00	470191.02	812790.18	
13500.00	90.00	359.48	11400.00	2345.82	-21.33	2345.92	0.00	470291.02	812789.27	
13600.00	90.00	359.48	11400.00	2445.82	-22.24	2445.92	0.00	470391.02	812788.36	
13700.00	90.00	359.48	11400.00	2545.81	-23.15	2545.92	0.00	470491.01	812787.45	
13800.00	90.00	359.48	11400.00	2645.81	-24.06	2645.92	0.00	470591.01	812786.54	
13900.00	90.00	359.48	11400.00	2745.80	-24.97	2745.92	0.00	470691.00	812785.63	
14000.00	90.00	359.48	11400.00	2845.80	-25.88	2845.92	0.00	470791.00	812784.72	
14100.00	90.00	359.48	11400.00	2945.80	-26.79	2945.92	0.00	470891.00	812783.81	
14200.00	90.00	359.48	11400.00	3045.79	-27.69	3045.92	0.00	470990.99	812782.91	
14300.00	90.00	359.48	11400.00	3145.79	-28.60	3145.92	0.00	471090.99	812782.00	
14400.00	90.00	359.48	11400.00	3245.78	-29.51	3245.92	0.00	471190.98	812781.09	
14500.00	90.00	359.48	11400.00	3345.78	-30.42	3345.92	0.00	471290.98	812780.18	
14600.00	90.00	359.48	11400.00	3445.77	-31.33	3445.92	0.00	471390.97	812779.27	
14700.00	90.00	359.48	11400.00	3545.77	-32.24	3545.92	0.00	471490.97	812778.36	
14800.00	90.00	359.48	11400.00	3645.77	-33.15	3645.92	0.00	471590.97	812777.45	
14900.00	90.00	359.48	11400.00	3745.76	-34.06	3745.92	0.00	471690.96	812776.54	
15000.00	90.00	359.48	11400.00	3845.76	-34.97	3845.92	0.00	471790.96	812775.63	
15100.00	90.00	359.48	11400.00	3945.75	-35.88	3945.92	0.00	471890.95	812774.72	
15200.00	90.00	359.48	11400.00	4045.75	-36.79	4045.92	0.00	471990.95	812773.81	
15300.00	90.00	359.48	11400.00	4145.75	-37.70	4145.92	0.00	472090.95	812772.90	
15400.00	90.00	359.48	11400.00	4245.74	-38.61	4245.92	0.00	472190.94	812771.99	
15500.00	90.00	359.48	11400.00	4345.74	-39.52	4345.92	0.00	472290.94	812771.08	
15600.00	90.00	359.48	11400.00	4445.73	-40.42	4445.92	0.00	472390.93	812770.18	

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	359.48	11400.00	4545.73	-41.33	4545.92	0.00	472490.93	812769.27	
15800.00	90.00	359.48	11400.00	4645.73	-42.24	4645.92	0.00	472590.93	812768.36	
15900.00	90.00	359.48	11400.00	4745.72	-43.15	4745.92	0.00	472690.92	812767.45	
15905.28	90.00	359.48	11400.00	4751.00	-43.20	4751.20	0.00	472696.20	812767.40	PBHL 3H

**Weatherford**

Weatherford Drilling Services

GeoDec4 v2.1.0.0

Report Date: May 28, 2015
Job Number: _____
Customer: GMT Exploration Company, LLC
Well Name: Dandie 22 Federal State Com 3H
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: 467945.20 US Survey Foot	Latitude: 32.2834 Degree
East: 812810.60 US Survey Foot	Longitude: -103.454882 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' 17.58" W

Magnetic Declination = 7.16 deg	[True North Offset]
Local Gravity = .9988 g	Checksum = 6588
Local Field Strength = 48252 nT	Magnetic Vector X = 23781 nT
Magnetic Dip = 60.22 deg	Magnetic Vector Y = 2985 nT
Magnetic Model = bggm2015.dat	Magnetic Vector Z = 41878 nT
Run Date = November 15, 2015	Magnetic Vector H = 23968 nT

Signed: _____ Date: _____

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Warning: This information is controlled, and any printed version is deemed as uncontrolled unless suitably endorsed by a controlling authority or accompanied by a controlled table of contents in order to ensure adequate revision control.

Dandie 22 Federal State Com 3H
Lea Co, NM

Plan Data for Dandie 22 Federal State Com 3H

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	467945.20	812810.60	0.00	0.00
10827.04	0.00	0.00	10827.04	0.00	0.00	467945.20	812810.60	0.00	0.00
11727.04	90.00	359.48	11400.00	572.94	-5.21	468518.14	812805.39	572.96	10.00
15905.28	90.00	359.48	11400.00	4751.00	-43.20	472696.20	812767.40	4751.20	0.00

Plan Data for Dandie 22 Federal State Com 3H

Slot: Dandie 22 Federal State Com 3H

Position:

Offset is from Site centre

+N/-S: 0.00USft Northing: 467945.20USft Latitude: 32°17'0.2"
+E/-W: 0.00USft Easting: 812810.60USft Longitude: -103°27'17.6"
Elevation Above VRD: 3415.00USft

Plan Data for Dandie 22 Federal State Com 3H

Target Set Information:

Name: Dandie 22 Federal State Com 3H

Position offsets from Slot centre

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	Comment
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)		
PBHL 3H	11400.00	4751.00	-43.20	472696.20	812767.40	Cuboid	

Plan Data for Dandie 22 Federal State Com 3H

Well: Dandie 22 Federal State Com 3H

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: 359.48°

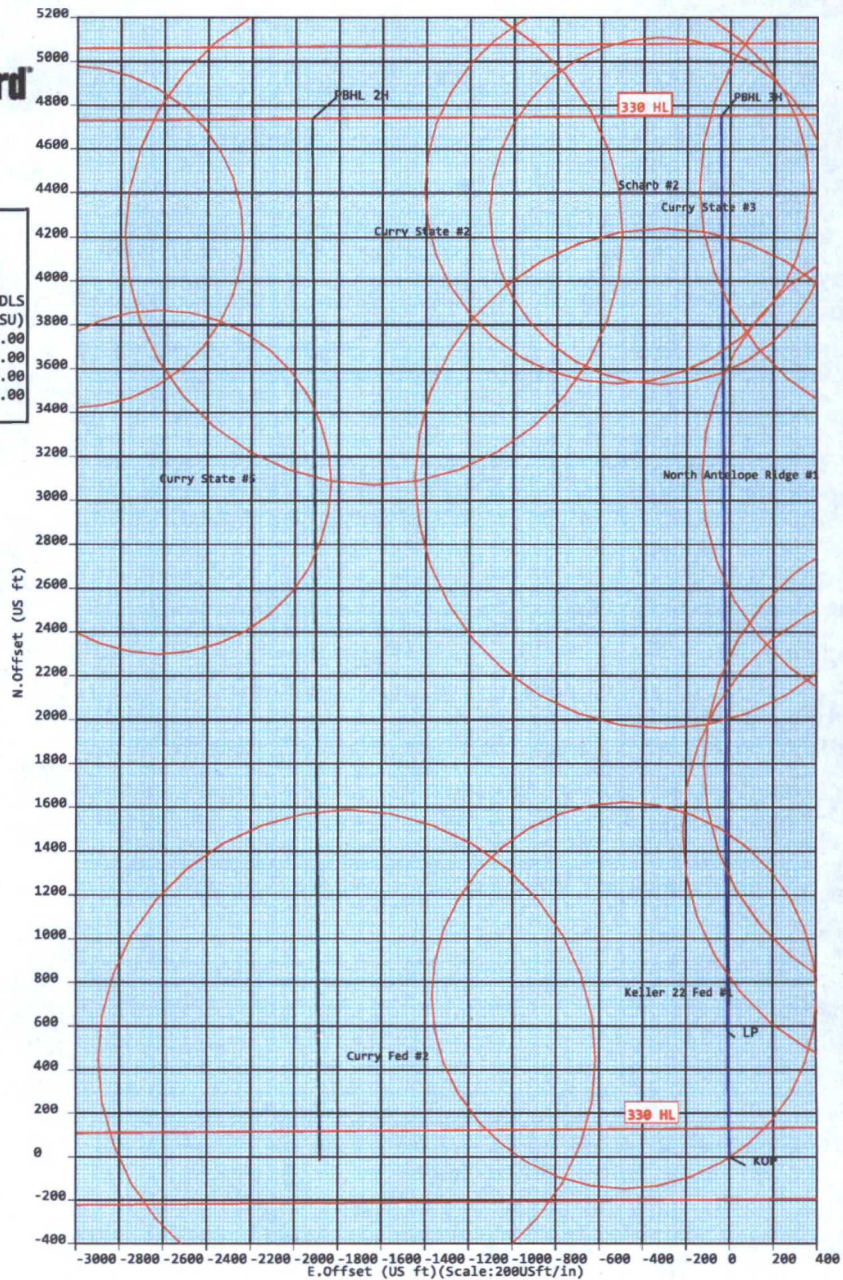
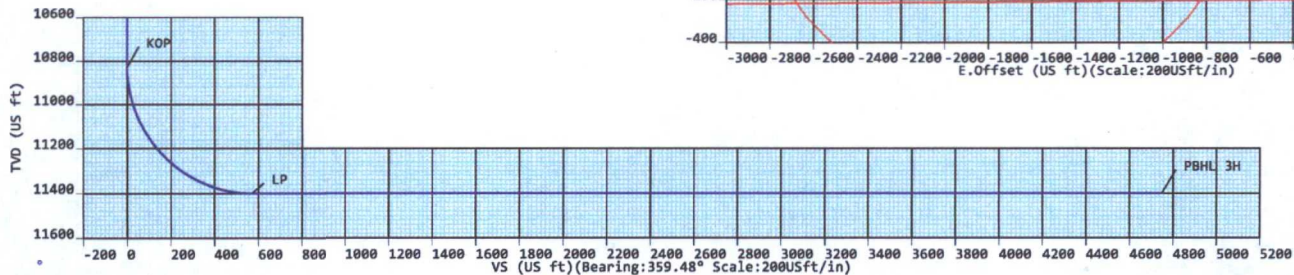
+E/-W: 0.00USft

Magnetic Parameters:

Model: Field Strength: Declination: Dip: Date:
BGGM 48252(nT) 7.16° 60.22° 2015-11-15



KB-3434.50
GL-3415



Sign Off: Russell Joyner

5D Plan Report

GMT Exploration Co., LLC**Field Name:** *Lea Co., New Mexico (NAD 83 NME)***Site Name:** *Dandie 22 Federal State Com 3H***Well Name:** *Dandie 22 Federal State Com 3H***Plan:** *P1:V1*

28 May 2015



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 Dandie 22 Federal State Com 3H	Units : US ft	North Reference : Grid	Convergence Angle : 0.47	
	Position	Northing : 467945.20 US ft	Latitude : 32° 17' 0.24"	
		Easting : 812810.60 US ft	Longitude : -103° 27' 17.58"	
	Elevation above Mean Sea Level: 3415.00 US ft			
	Comment :			
Slot Name Dandie 22 Federal State Com 3H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing : 467945.20 US ft	Latitude : 32°17'0.24"	
	+E / -W : 0.00 US ft	Easting : 812810.60 US ft	Longitude : -103°27'17.58"	
	Slot TVD Reference : Ground Elevation			
	Elevation above Mean Sea Level : 3415.00 US ft			
	Comment :			
Well Name Dandie 22 Federal State Com 3H	Type : Main well	UWI :	Plan : P1:V1	
	Rig Height <i>Kelly Bushing</i> : 19.50 US ft	Comment :		
	Relative to Mean Sea Level: 3434.50 US ft			
	Closure Distance : 4751.2 US ft	Closure Azimuth : 359.479°		
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft	+E / -W : 0.00 US ft	Az : 359.48°	
	Magnetic Parameters			
	Model : BGGM	Field Strength : 48252.0nT	Dec : 7.16°	Dip : 60.22°
				Date : 15/Nov/2015

Name : Dandie 22 Federal **Number of Targets :** 1
State Com 3H

Target Name:	Position (Relative to Slot centre)		
	+N / -S : 4751.00US ft	Northing : 472696.20 US ft	Latitude : 32°17'47.25"
PBHL 3H	+E / -W : -43.20 US ft	Easting : 812767.40US ft	Longitude : -103°27'17.63"
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

5D 7.5.9 : 28 May 2015, 17:59:12 UTC

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	359.48	11400.00	572.94	-5.21	572.96	10.00	10.00	0.00	359.48	LP
15905.28	90.00	359.48	11400.00	4751.00	-43.20	4751.20	0.00	0.00	0.00	0.00	PBHL 3H

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	467945.20	812810.60		
10827.04	0.00	0.00	10827.04	0.00	0.00	0.00	0.00	467945.20	812810.60		KOP
10900.00	7.30	359.48	10899.80	4.64	-0.04	4.64	10.00	467949.84	812810.56		
11000.00	17.30	359.48	10997.39	25.91	-0.24	25.91	10.00	467971.11	812810.36		
11100.00	27.30	359.48	11089.79	63.80	-0.58	63.80	10.00	468009.00	812810.02		
11200.00	37.30	359.48	11174.21	117.16	-1.07	117.16	10.00	468062.36	812809.53		
11300.00	47.30	359.48	11248.09	184.36	-1.68	184.37	10.00	468129.56	812808.92		
11400.00	57.30	359.48	11309.17	263.38	-2.39	263.39	10.00	468208.58	812808.21		
11500.00	67.30	359.48	11355.60	351.80	-3.20	351.81	10.00	468297.00	812807.40		
11600.00	77.30	359.48	11385.97	446.94	-4.06	446.96	10.00	468392.14	812806.54		
11700.00	87.30	359.48	11399.36	545.90	-4.96	545.93	10.00	468491.10	812805.64		
11727.04	90.00	359.48	11400.00	572.94	-5.21	572.96	10.00	468518.14	812805.39		LP
11800.00	90.00	359.48	11400.00	645.89	-5.87	645.92	0.00	468591.09	812804.73		
11900.00	90.00	359.48	11400.00	745.89	-6.78	745.92	0.00	468691.09	812803.82		
12000.00	90.00	359.48	11400.00	845.88	-7.69	845.92	0.00	468791.08	812802.91		
12100.00	90.00	359.48	11400.00	945.88	-8.60	945.92	0.00	468891.08	812802.00		
12200.00	90.00	359.48	11400.00	1045.87	-9.51	1045.92	0.00	468991.07	812801.09		
12300.00	90.00	359.48	11400.00	1145.87	-10.42	1145.92	0.00	469091.07	812800.18		
12400.00	90.00	359.48	11400.00	1245.87	-11.33	1245.92	0.00	469191.07	812799.27		
12500.00	90.00	359.48	11400.00	1345.86	-12.24	1345.92	0.00	469291.06	812798.36		
12600.00	90.00	359.48	11400.00	1445.86	-13.15	1445.92	0.00	469391.06	812797.45		
12700.00	90.00	359.48	11400.00	1545.85	-14.06	1545.92	0.00	469491.05	812796.54		
12800.00	90.00	359.48	11400.00	1645.85	-14.97	1645.92	0.00	469591.05	812795.63		
12900.00	90.00	359.48	11400.00	1745.85	-15.87	1745.92	0.00	469691.05	812794.73		
13000.00	90.00	359.48	11400.00	1845.84	-16.78	1845.92	0.00	469791.04	812793.82		
13100.00	90.00	359.48	11400.00	1945.84	-17.69	1945.92	0.00	469891.04	812792.91		
13200.00	90.00	359.48	11400.00	2045.83	-18.60	2045.92	0.00	469991.03	812792.00		
13300.00	90.00	359.48	11400.00	2145.83	-19.51	2145.92	0.00	470091.03	812791.09		
13400.00	90.00	359.48	11400.00	2245.82	-20.42	2245.92	0.00	470191.02	812790.18		
13500.00	90.00	359.48	11400.00	2345.82	-21.33	2345.92	0.00	470291.02	812789.27		
13600.00	90.00	359.48	11400.00	2445.82	-22.24	2445.92	0.00	470391.02	812788.36		
13700.00	90.00	359.48	11400.00	2545.81	-23.15	2545.92	0.00	470491.01	812787.45		
13800.00	90.00	359.48	11400.00	2645.81	-24.06	2645.92	0.00	470591.01	812786.54		
13900.00	90.00	359.48	11400.00	2745.80	-24.97	2745.92	0.00	470691.00	812785.63		
14000.00	90.00	359.48	11400.00	2845.80	-25.88	2845.92	0.00	470791.00	812784.72		
14100.00	90.00	359.48	11400.00	2945.80	-26.79	2945.92	0.00	470891.00	812783.81		
14200.00	90.00	359.48	11400.00	3045.79	-27.69	3045.92	0.00	470990.99	812782.91		
14300.00	90.00	359.48	11400.00	3145.79	-28.60	3145.92	0.00	471090.99	812782.00		
14400.00	90.00	359.48	11400.00	3245.78	-29.51	3245.92	0.00	471190.98	812781.09		
14500.00	90.00	359.48	11400.00	3345.78	-30.42	3345.92	0.00	471290.98	812780.18		
14600.00	90.00	359.48	11400.00	3445.77	-31.33	3445.92	0.00	471390.97	812779.27		
14700.00	90.00	359.48	11400.00	3545.77	-32.24	3545.92	0.00	471490.97	812778.36		
14800.00	90.00	359.48	11400.00	3645.77	-33.15	3645.92	0.00	471590.97	812777.45		
14900.00	90.00	359.48	11400.00	3745.76	-34.06	3745.92	0.00	471690.96	812776.54		
15000.00	90.00	359.48	11400.00	3845.76	-34.97	3845.92	0.00	471790.96	812775.63		
15100.00	90.00	359.48	11400.00	3945.75	-35.88	3945.92	0.00	471890.95	812774.72		
15200.00	90.00	359.48	11400.00	4045.75	-36.79	4045.92	0.00	471990.95	812773.81		
15300.00	90.00	359.48	11400.00	4145.75	-37.70	4145.92	0.00	472090.95	812772.90		
15400.00	90.00	359.48	11400.00	4245.74	-38.61	4245.92	0.00	472190.94	812771.99		
15500.00	90.00	359.48	11400.00	4345.74	-39.52	4345.92	0.00	472290.94	812771.08		
15600.00	90.00	359.48	11400.00	4445.73	-40.42	4445.92	0.00	472390.93	812770.18		

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	359.48	11400.00	4545.73	-41.33	4545.92	0.00	472490.93	812769.27	
15800.00	90.00	359.48	11400.00	4645.73	-42.24	4645.92	0.00	472590.93	812768.36	
15900.00	90.00	359.48	11400.00	4745.72	-43.15	4745.92	0.00	472690.92	812767.45	
15905.28	90.00	359.48	11400.00	4751.00	-43.20	4751.20	0.00	472696.20	812767.40	PBHL 3H

5D Anti-Collision Report**GMT Exploration Co., LLC****Field Name:** *Lea Co., New Mexico (NAD 83 NME)***Site Name:** *Dandie 22 Federal State Com 3H***Well Name:** *Dandie 22 Federal State Com 3H*

28 April 2016





Dandie 22 Federal State Com 3H

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: Dandie 22 Federal State Com 3H	Units: US ft	North Reference: Grid	Convergence Angle: 0.47	
	Position:	Northing: 467945.20US ft	Latitude: 32° 17' 0.24"	
		Easting: 812810.60US ft	Longitude: -103° 27' 17.58"	
	Elevation above MSL:3415.00 US ft		Comment:	
Slot: Dandie 22 Federal State Com 3H	Position (Relative to Site Centre)			
	+N/-S: 0.00US ft	Northing: 467945.20US ft	Latitude: 32°17'0.24"	
	+E/-W: 0.00US ft	Easting: 812810.60US ft	Longitude: -103°27'17.58"	
	Slot TVD Reference: Ground Elevation			
Well: Dandie 22 Federal State Com 3H	Elevation above MSL: 3415.00US ft		Comment:	
	Type:Main well	UWI:	Plan:Working Plan	
	File Number:	Comment:		
	Closure Distance:4751.2US ft	Closure Azimuth:359.48°		
Well: Dandie 22 Federal State Com 3H	Vertical Section: Position of Origin (Relative to Slot centre)			
	+N/-S: 0.00US ft	+E/-W: 0.00US ft	Az: 359.48°	
	Magnetic Parameters:			
	Model: BGGM	Field Strength: 48252.0nT	Declination: 7.16°	Dip: 60.22°
Well: Dandie 22 Federal State Com 3H	Date: 15/Nov/2015			

Drill floor: Plan: Working Plan

Rig Height (Kelly Bushing): Elevation above MSL: 19.50us ft 3434.50us 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
Dandie 22 Federal State Com 3H (p)	0.00	15905.28	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
	North Antelope Ridge #1 (s)	14254.88	11400.00	11390.50	-920.83	280.32	0.23	SF(Hi)
	Curry Fed #3 (s)	12642.38	11400.00	11380.50	-235.68	939.75	0.80	SF(Hi)
	Curry State #1 (s)	15585.94	11400.00	11380.50	-183.21	1039.73	0.85	SF(Hi)
	Curry State#4 (Active) (s)	14265.82	11400.00	11367.50	-159.31	1039.75	0.87	SF(Hi)
	Curry Fed #1 (s)	12944.34	11400.00	11382.50	-140.02	1039.76	0.88	SF(Hi)
	Keller 22 Fed #1 (s)	8837.50	8837.50	8850.00	-24.52	879.50	0.97	SF(Hi)
	Curry State #2 (Active) (s)	15388.67	11400.00	11412.50	378.19	1600.75	1.31	SF(Med)
	Curry Fed #2 (Active) (s)	11636.72	11392.89	11434.39	580.81	1751.36	1.50	SF(Med)
	Scharb #2 (s)	8887.11	8887.11	8850.00	3543.92	4447.92	4.92	
	Curry State #5(Active) (s)	7855.47	7855.47	7850.00	3241.02	4044.17	5.04	
	Curry State #3 (Active) (s)	7939.65	7939.65	7900.00	3524.54	4330.69	5.37	
	Curry State #6(Active) (s)	7810.16	7810.16	7796.00	4375.98	5171.42	6.50	

Primary Well: Dandie 22 Federal State Com 3H (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	284.26	0.00	0.00	0.00	Curry Fed #2 (Active) (s)	1806.41	1811.19	379.10	
100.00	100.00	326.85	0.11	0.11	4.60	Keller 22 Fed #1 (s)	867.42	879.50	72.80	
200.00	200.00	326.85	0.34	0.34	4.62	Keller 22 Fed #1 (s)	857.21	879.50	39.46	
300.00	300.00	326.85	0.56	0.56	4.65	Keller 22 Fed #1 (s)	847.00	879.50	27.06	
400.00	400.00	326.85	0.79	0.79	4.69	Keller 22 Fed #1 (s)	836.79	879.50	20.59	
500.00	500.00	326.85	1.01	1.01	4.75	Keller 22 Fed #1 (s)	826.58	879.50	16.62	
600.00	600.00	326.85	1.24	1.24	4.81	Keller 22 Fed #1 (s)	816.37	879.50	13.93	
700.00	700.00	326.85	1.46	1.46	4.89	Keller 22 Fed #1 (s)	806.16	879.50	11.99	
800.00	800.00	326.85	1.69	1.69	4.97	Keller 22 Fed #1 (s)	795.95	879.50	10.53	
900.00	900.00	326.85	1.91	1.91	5.06	Keller 22 Fed #1 (s)	785.74	879.50	9.38	
1000.00	1000.00	326.85	2.14	2.14	5.16	Keller 22 Fed #1 (s)	775.53	879.50	8.46	
1100.00	1100.00	326.85	2.36	2.36	5.27	Keller 22 Fed #1 (s)	765.32	879.50	7.70	
1200.00	1200.00	326.85	2.59	2.59	5.38	Keller 22 Fed #1 (s)	755.11	879.50	7.07	
1300.00	1300.00	326.85	2.81	2.81	5.50	Keller 22 Fed #1 (s)	744.90	879.50	6.53	
1400.00	1400.00	326.85	3.03	3.03	5.63	Keller 22 Fed #1 (s)	734.69	879.50	6.07	

5D Anti-Collision Report

Primary Well: Dandie 22 Federal State Com 3H (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	326.85	3.26	3.26	5.76	Keller 22 Fed #1 (s)	724.49	879.50	5.67	
1600.00	1600.00	326.85	3.48	3.48	5.89	Keller 22 Fed #1 (s)	714.28	879.50	5.32	
1700.00	1700.00	326.85	3.71	3.71	6.03	Keller 22 Fed #1 (s)	704.07	879.50	5.01	
1800.00	1800.00	326.85	3.93	3.93	6.18	Keller 22 Fed #1 (s)	693.86	879.50	4.74	
1900.00	1900.00	326.85	4.16	4.16	6.32	Keller 22 Fed #1 (s)	683.65	879.50	4.49	
2000.00	2000.00	326.85	4.38	4.38	6.48	Keller 22 Fed #1 (s)	673.44	879.50	4.27	
2100.00	2100.00	326.85	4.61	4.61	6.63	Keller 22 Fed #1 (s)	663.23	879.50	4.07	
2200.00	2200.00	326.85	4.83	4.83	6.79	Keller 22 Fed #1 (s)	653.02	879.50	3.88	
2300.00	2300.00	326.85	5.06	5.06	6.95	Keller 22 Fed #1 (s)	642.81	879.50	3.72	
2400.00	2400.00	326.85	5.28	5.28	7.11	Keller 22 Fed #1 (s)	632.60	879.50	3.56	
2500.00	2500.00	326.85	5.51	5.51	7.28	Keller 22 Fed #1 (s)	622.39	879.50	3.42	
2600.00	2600.00	326.85	5.73	5.73	7.45	Keller 22 Fed #1 (s)	612.18	879.50	3.29	
2700.00	2700.00	326.85	5.96	5.96	7.62	Keller 22 Fed #1 (s)	601.97	879.50	3.17	
2800.00	2800.00	326.85	6.18	6.18	7.79	Keller 22 Fed #1 (s)	591.76	879.50	3.06	
2900.00	2900.00	326.85	6.41	6.41	7.97	Keller 22 Fed #1 (s)	581.56	879.50	2.95	
3000.00	3000.00	326.85	6.63	6.63	8.15	Keller 22 Fed #1 (s)	571.35	879.50	2.85	
3100.00	3100.00	326.85	6.86	6.86	8.33	Keller 22 Fed #1 (s)	561.14	879.50	2.76	
3200.00	3200.00	326.85	7.08	7.08	8.52	Keller 22 Fed #1 (s)	550.93	879.50	2.68	
3300.00	3300.00	326.85	7.31	7.31	8.70	Keller 22 Fed #1 (s)	540.72	879.50	2.60	
3400.00	3400.00	326.85	7.53	7.53	8.89	Keller 22 Fed #1 (s)	530.51	879.50	2.52	
3500.00	3500.00	326.85	7.76	7.76	9.09	Keller 22 Fed #1 (s)	520.30	879.50	2.45	SF(Lo)
3600.00	3600.00	326.85	7.98	7.98	9.28	Keller 22 Fed #1 (s)	510.09	879.50	2.38	SF(Lo)
3700.00	3700.00	326.85	8.20	8.20	9.48	Keller 22 Fed #1 (s)	499.88	879.50	2.32	SF(Lo)
3800.00	3800.00	326.85	8.43	8.43	9.68	Keller 22 Fed #1 (s)	489.67	879.50	2.26	SF(Lo)
3900.00	3900.00	326.85	8.65	8.65	9.89	Keller 22 Fed #1 (s)	479.46	879.50	2.20	SF(Lo)
4000.00	4000.00	326.85	8.88	8.88	10.09	Keller 22 Fed #1 (s)	469.25	879.50	2.14	SF(Lo)
4100.00	4100.00	326.85	9.10	9.10	10.30	Keller 22 Fed #1 (s)	459.04	879.50	2.09	SF(Lo)
4200.00	4200.00	326.85	9.33	9.33	10.52	Keller 22 Fed #1 (s)	448.83	879.50	2.04	SF(Lo)
4300.00	4300.00	326.85	9.55	9.55	10.73	Keller 22 Fed #1 (s)	438.63	879.50	1.99	SF(Lo)
4400.00	4400.00	326.85	9.78	9.78	10.95	Keller 22 Fed #1 (s)	428.42	879.50	1.95	SF(Lo)
4500.00	4500.00	326.85	10.00	10.00	11.17	Keller 22 Fed #1 (s)	418.21	879.50	1.91	SF(Lo)
4600.00	4600.00	326.85	10.23	10.23	11.40	Keller 22 Fed #1 (s)	408.00	879.50	1.87	SF(Lo)
4700.00	4700.00	326.85	10.45	10.45	11.63	Keller 22 Fed #1 (s)	397.79	879.50	1.83	SF(Lo)
4800.00	4800.00	326.85	10.68	10.68	11.86	Keller 22 Fed #1 (s)	387.58	879.50	1.79	SF(Lo)
4900.00	4900.00	326.85	10.90	10.90	12.10	Keller 22 Fed #1 (s)	377.37	879.50	1.75	SF(Lo)
5000.00	5000.00	326.85	11.13	11.13	12.34	Keller 22 Fed #1 (s)	367.16	879.50	1.72	SF(Lo)

5D Anti-Collision Report

Primary Well: Dandie 22 Federal State Com 3H (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	326.85	11.35	11.35	12.58	Keller 22 Fed #1 (s)	356.95	879.50	1.68	SF(Lo)
5200.00	5200.00	326.85	11.58	11.58	12.83	Keller 22 Fed #1 (s)	346.74	879.50	1.65	SF(Lo)
5300.00	5300.00	326.85	11.80	11.80	13.08	Keller 22 Fed #1 (s)	336.53	879.50	1.62	SF(Lo)
5400.00	5400.00	326.85	12.03	12.03	13.34	Keller 22 Fed #1 (s)	326.32	879.50	1.59	SF(Lo)
5500.00	5500.00	326.85	12.25	12.25	13.60	Keller 22 Fed #1 (s)	316.11	879.50	1.56	SF(Lo)
5600.00	5600.00	326.85	12.48	12.48	13.86	Keller 22 Fed #1 (s)	305.90	879.50	1.53	SF(Lo)
5700.00	5700.00	326.85	12.70	12.70	14.13	Keller 22 Fed #1 (s)	295.70	879.50	1.51	SF(Lo)
5800.00	5800.00	326.85	12.93	12.93	14.40	Keller 22 Fed #1 (s)	285.49	879.50	1.48	SF(Med)
5900.00	5900.00	326.85	13.15	13.15	14.68	Keller 22 Fed #1 (s)	275.28	879.50	1.46	SF(Med)
6000.00	6000.00	326.85	13.37	13.37	14.96	Keller 22 Fed #1 (s)	265.07	879.50	1.43	SF(Med)
6100.00	6100.00	326.85	13.60	13.60	15.24	Keller 22 Fed #1 (s)	254.86	879.50	1.41	SF(Med)
6200.00	6200.00	326.85	13.82	13.82	15.53	Keller 22 Fed #1 (s)	244.65	879.50	1.39	SF(Med)
6300.00	6300.00	326.85	14.05	14.05	15.83	Keller 22 Fed #1 (s)	234.44	879.50	1.36	SF(Med)
6400.00	6400.00	326.85	14.27	14.27	16.13	Keller 22 Fed #1 (s)	224.23	879.50	1.34	SF(Med)
6500.00	6500.00	326.85	14.50	14.50	16.43	Keller 22 Fed #1 (s)	214.02	879.50	1.32	SF(Med)
6600.00	6600.00	326.85	14.72	14.72	16.74	Keller 22 Fed #1 (s)	203.81	879.50	1.30	SF(Med)
6700.00	6700.00	326.85	14.95	14.95	17.05	Keller 22 Fed #1 (s)	193.60	879.50	1.28	SF(Med)
6800.00	6800.00	326.85	15.17	15.17	17.37	Keller 22 Fed #1 (s)	183.39	879.50	1.26	SF(Med)
6900.00	6900.00	326.85	15.40	15.40	17.69	Keller 22 Fed #1 (s)	173.18	879.50	1.25	SF(Med)
7000.00	7000.00	326.85	15.62	15.62	18.02	Keller 22 Fed #1 (s)	162.97	879.50	1.23	SF(Med)
7100.00	7100.00	326.85	15.85	15.85	18.36	Keller 22 Fed #1 (s)	152.77	879.50	1.21	SF(Med)
7200.00	7200.00	326.85	16.07	16.07	18.69	Keller 22 Fed #1 (s)	142.56	879.50	1.19	SF(Med)
7300.00	7300.00	326.85	16.30	16.30	19.04	Keller 22 Fed #1 (s)	132.35	879.50	1.18	SF(Med)
7400.00	7400.00	326.85	16.52	16.52	19.39	Keller 22 Fed #1 (s)	122.14	879.50	1.16	SF(Med)
7500.00	7500.00	326.85	16.75	16.75	19.74	Keller 22 Fed #1 (s)	111.93	879.50	1.15	SF(Med)
7600.00	7600.00	326.85	16.97	16.97	20.10	Keller 22 Fed #1 (s)	101.72	879.50	1.13	SF(Med)
7700.00	7700.00	326.85	17.20	17.20	20.46	Keller 22 Fed #1 (s)	91.51	879.50	1.12	SF(Med)
7800.00	7800.00	326.85	17.42	17.42	20.83	Keller 22 Fed #1 (s)	81.30	879.50	1.10	SF(Med)
7900.00	7900.00	326.85	17.65	17.65	21.21	Keller 22 Fed #1 (s)	71.09	879.50	1.09	SF(Med)
8000.00	8000.00	326.85	17.87	17.87	21.59	Keller 22 Fed #1 (s)	60.88	879.50	1.07	SF(Med)
8100.00	8100.00	326.85	18.10	18.10	21.98	Keller 22 Fed #1 (s)	50.67	879.50	1.06	SF(Med)
8200.00	8200.00	326.85	18.32	18.32	22.37	Keller 22 Fed #1 (s)	40.46	879.50	1.05	SF(Med)
8300.00	8300.00	326.85	18.54	18.54	22.77	Keller 22 Fed #1 (s)	30.25	879.50	1.04	SF(Med)
8400.00	8400.00	326.85	18.77	18.77	23.17	Keller 22 Fed #1 (s)	20.04	879.50	1.02	SF(Med)
8500.00	8500.00	326.85	18.99	18.99	23.58	Keller 22 Fed #1 (s)	9.84	879.50	1.01	SF(Med)
8600.00	8600.00	326.85	19.22	19.22	23.99	Keller 22 Fed #1 (s)	-0.37	879.50	1.00	SF(Hi)

5D Anti-Collision Report

Primary Well: Dandie 22 Federal State Com 3H (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	326.85	19.44	19.44	24.41	Keller 22 Fed #1 (s)	-10.58	879.50	0.99	SF(Hi)
8800.00	8800.00	326.85	19.67	19.67	24.84	Keller 22 Fed #1 (s)	-20.79	879.50	0.98	SF(Hi)
8900.00	8900.00	326.85	19.89	19.89	25.27	Keller 22 Fed #1 (s)	-20.03	881.79	0.98	SF(Hi)
9000.00	9000.00	326.85	20.12	20.12	25.70	Keller 22 Fed #1 (s)	5.30	894.56	1.01	SF(Med)
9100.00	9100.00	326.85	20.34	20.34	26.14	Keller 22 Fed #1 (s)	51.19	918.12	1.06	SF(Med)
9200.00	9200.00	326.85	20.57	20.57	26.59	Keller 22 Fed #1 (s)	114.79	951.65	1.14	SF(Med)
9300.00	9300.00	326.85	20.79	20.79	27.05	Keller 22 Fed #1 (s)	192.36	994.16	1.24	SF(Med)
9400.00	9400.00	326.85	21.02	21.02	27.51	Keller 22 Fed #1 (s)	280.71	1044.53	1.37	SF(Med)
9500.00	9500.00	326.85	21.24	21.24	27.97	Keller 22 Fed #1 (s)	376.76	1101.70	1.52	SF(Lo)
9600.00	9600.00	326.85	21.47	21.47	28.44	Keller 22 Fed #1 (s)	478.06	1164.67	1.70	SF(Lo)
9700.00	9700.00	31.91	21.69	21.69	28.92	Curry Fed #3 (s)	762.47	1752.30	1.77	SF(Lo)
9800.00	9800.00	31.91	21.92	21.92	29.40	Curry Fed #3 (s)	752.25	1752.30	1.75	SF(Lo)
9900.00	9900.00	31.91	22.14	22.14	29.89	Curry Fed #3 (s)	742.03	1752.30	1.73	SF(Lo)
10000.00	10000.00	31.91	22.37	22.37	30.39	Curry Fed #3 (s)	731.81	1752.30	1.72	SF(Lo)
10100.00	10100.00	31.91	22.59	22.59	30.89	Curry Fed #3 (s)	721.59	1752.30	1.70	SF(Lo)
10200.00	10200.00	31.91	22.82	22.82	31.39	Curry Fed #3 (s)	711.37	1752.30	1.68	SF(Lo)
10300.00	10300.00	31.91	23.04	23.04	31.91	Curry Fed #3 (s)	701.15	1752.30	1.67	SF(Lo)
10400.00	10400.00	31.91	23.27	23.27	32.42	Curry Fed #3 (s)	690.93	1752.30	1.65	SF(Lo)
10500.00	10500.00	31.91	23.49	23.49	32.95	Curry Fed #3 (s)	680.71	1752.30	1.64	SF(Lo)
10600.00	10600.00	31.91	23.71	23.71	33.48	Curry Fed #3 (s)	670.50	1752.30	1.62	SF(Lo)
10700.00	10700.00	31.91	23.94	23.94	34.02	Curry Fed #3 (s)	660.28	1752.30	1.60	SF(Lo)
10800.00	10800.00	31.91	24.16	24.16	34.56	Curry Fed #3 (s)	650.06	1752.30	1.59	SF(Lo)
10900.00	10899.80	32.72	24.39	24.29	35.10	Curry Fed #3 (s)	635.99	1748.38	1.57	SF(Lo)
11000.00	10997.39	34.11	24.60	24.07	35.62	Curry Fed #3 (s)	608.40	1730.48	1.54	SF(Lo)
11100.00	11089.79	36.77	24.81	23.53	36.10	Curry Fed #3 (s)	567.90	1698.79	1.50	SF(Lo)
11200.00	11174.21	40.94	25.03	22.72	36.51	Curry Fed #3 (s)	516.31	1654.60	1.45	SF(Med)
11300.00	11248.09	46.94	25.30	21.74	36.86	Curry Fed #3 (s)	454.58	1599.74	1.40	SF(Med)
11400.00	11309.17	55.05	25.62	20.73	37.16	Curry Fed #3 (s)	382.84	1536.49	1.33	SF(Med)
11500.00	11355.60	65.16	26.03	19.82	37.42	Curry Fed #3 (s)	307.72	1467.53	1.27	SF(Med)
11600.00	11385.97	76.42	26.52	19.20	37.67	Curry Fed #3 (s)	233.17	1395.78	1.20	SF(Med)
11700.00	11399.36	87.32	27.11	18.97	37.91	Curry Fed #3 (s)	163.19	1324.28	1.14	SF(Med)
11800.00	11400.00	90.00	27.79	19.09	38.18	Curry Fed #3 (s)	91.11	1255.83	1.08	SF(Med)
11900.00	11400.00	90.00	28.56	19.25	38.50	Curry Fed #3 (s)	26.23	1191.84	1.02	SF(Med)
12000.00	11400.00	90.00	29.43	19.44	38.88	Curry Fed #3 (s)	-30.36	1133.08	0.97	SF(Hi)
12100.00	11400.00	90.00	30.38	19.65	39.30	Curry Fed #3 (s)	-87.46	1080.39	0.93	SF(Hi)
12200.00	11400.00	90.00	31.42	19.89	39.78	Curry Fed #3 (s)	-130.53	1034.71	0.89	SF(Hi)

5D Anti-Collision Report

Primary Well: Dandie 22 Federal State Com 3H (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	20.15	40.30	Curry Fed #3 (s)	-173.39	997.00	0.85	SF(HI)
12400.00	11400.00	90.00	33.69	20.43	40.87	Curry Fed #3 (s)	-200.30	968.19	0.83	SF(HI)
12500.00	11400.00	90.00	34.91	20.74	41.48	Curry Fed #3 (s)	-223.91	949.09	0.81	SF(HI)
12600.00	11400.00	90.00	36.18	21.07	42.14	Curry Fed #3 (s)	-233.43	940.29	0.80	SF(HI)
12700.00	11400.00	90.00	37.50	21.42	42.83	Curry Fed #3 (s)	-231.84	942.09	0.80	SF(HI)
12800.00	11400.00	90.00	38.87	21.78	43.57	Curry Fed #3 (s)	-222.72	954.41	0.81	SF(HI)
12900.00	11400.00	90.00	40.26	22.17	44.34	Curry Fed #3 (s)	-197.44	976.87	0.83	SF(HI)
13000.00	11400.00	90.00	41.70	22.57	45.14	Curry Fed #3 (s)	-169.72	1008.79	0.86	SF(HI)
13100.00	11400.00	90.00	43.16	22.99	45.98	Curry Fed #1 (s)	-128.20	1053.03	0.89	SF(HI)
13200.00	11400.00	90.00	44.65	23.42	46.85	Curry Fed #1 (s)	-106.57	1073.44	0.91	SF(HI)
13300.00	11400.00	270.00	46.16	23.87	47.74	North Antelope Ridge #1 (s)	-170.12	995.88	0.85	SF(HI)
13400.00	11400.00	270.00	47.70	24.33	48.67	North Antelope Ridge #1 (s)	-267.65	900.36	0.77	SF(HI)
13500.00	11400.00	270.00	49.25	24.81	49.62	North Antelope Ridge #1 (s)	-363.39	805.93	0.69	SF(HI)
13600.00	11400.00	270.00	50.83	25.30	50.60	North Antelope Ridge #1 (s)	-455.38	713.02	0.61	SF(HI)
13700.00	11400.00	270.00	52.42	25.80	51.60	North Antelope Ridge #1 (s)	-549.20	622.32	0.53	SF(HI)
13800.00	11400.00	270.00	54.03	26.31	52.62	North Antelope Ridge #1 (s)	-639.97	534.94	0.46	SF(HI)
13900.00	11400.00	270.00	55.65	26.83	53.66	North Antelope Ridge #1 (s)	-726.67	452.81	0.38	SF(HI)
14000.00	11400.00	270.00	57.28	27.36	54.72	North Antelope Ridge #1 (s)	-805.75	379.36	0.32	SF(HI)
14100.00	11400.00	270.00	58.92	27.90	55.80	North Antelope Ridge #1 (s)	-871.68	320.62	0.27	SF(HI)
14200.00	11400.00	270.00	60.58	28.45	56.90	North Antelope Ridge #1 (s)	-913.33	285.78	0.24	SF(HI)
14300.00	11400.00	270.00	62.24	29.01	58.01	North Antelope Ridge #1 (s)	-917.23	283.81	0.24	SF(HI)
14400.00	11400.00	270.00	63.92	29.57	59.14	North Antelope Ridge #1 (s)	-881.28	315.32	0.26	SF(HI)
14500.00	11400.00	270.00	65.60	30.14	60.28	North Antelope Ridge #1 (s)	-819.27	371.90	0.31	SF(HI)
14600.00	11400.00	270.00	67.29	30.72	61.44	North Antelope Ridge #1 (s)	-741.78	444.05	0.37	SF(HI)
14700.00	11400.00	270.00	68.98	31.30	62.61	North Antelope Ridge #1 (s)	-656.30	525.42	0.44	SF(HI)
14800.00	11400.00	270.00	70.69	31.90	63.79	North Antelope Ridge #1 (s)	-564.90	612.32	0.52	SF(HI)
14900.00	11400.00	270.00	72.40	32.49	64.99	North Antelope Ridge #1 (s)	-472.65	702.72	0.60	SF(HI)
15000.00	11400.00	270.00	74.11	33.10	66.19	North Antelope Ridge #1 (s)	-379.74	795.42	0.68	SF(HI)
15100.00	11400.00	270.00	75.83	33.70	67.41	North Antelope Ridge #1 (s)	-283.34	889.70	0.76	SF(HI)

5D Anti-Collision Report

Primary Well: Dandie 22 Federal State Com 3H (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
						North Antelope Ridge #1 (s)				
15200.00	11400.00	270.00	77.56	34.32	68.63	North Antelope Ridge #1 (s)	-185.04	985.12	0.84	SF(Hi)
15300.00	11400.00	90.00	79.29	34.93	69.87	Curry State #1 (s)	-136.30	1075.05	0.89	SF(Hi)
15400.00	11400.00	90.00	81.02	35.55	71.11	Curry State #1 (s)	-164.45	1054.04	0.87	SF(Hi)
15500.00	11400.00	90.00	82.76	36.18	72.36	Curry State #1 (s)	-175.32	1042.26	0.86	SF(Hi)
15600.00	11400.00	90.00	84.51	36.81	73.62	Curry State #1 (s)	-183.04	1039.99	0.85	SF(Hi)
15700.00	11400.00	90.00	86.25	37.44	74.89	Curry State #1 (s)	-174.84	1047.32	0.86	SF(Hi)
15800.00	11400.00	90.00	88.00	38.08	76.16	Curry State #1 (s)	-160.25	1064.03	0.87	SF(Hi)
15900.00	11400.00	90.00	89.76	38.72	77.44	Curry State #1 (s)	-133.22	1089.70	0.89	SF(Hi)
15905.28	11400.00	90.00	89.85	38.76	77.51	Curry State #1 (s)	-131.89	1091.29	0.89	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	19.50	0.00	31.91	0.00	0.00	0.00	1751.76	1752.40	2740.00	
100.00	100.00	80.50	31.91	8.05	8.05	2.23	1743.50	1752.30	199.25	
200.00	200.00	180.50	31.91	18.05	18.05	4.62	1733.28	1752.30	92.17	
300.00	300.00	280.50	31.91	28.05	28.05	4.65	1723.06	1752.30	59.95	
400.00	400.00	380.50	31.91	38.05	38.05	4.69	1712.84	1752.30	44.42	
500.00	500.00	480.50	31.91	48.05	48.05	4.74	1702.63	1752.30	35.28	
600.00	600.00	580.50	31.91	58.05	58.05	4.80	1692.41	1752.30	29.26	
700.00	700.00	680.50	31.91	68.05	68.05	4.87	1682.19	1752.30	24.99	
800.00	800.00	780.50	31.91	78.05	78.05	4.96	1671.97	1752.30	21.81	
900.00	900.00	880.50	31.91	88.05	88.05	5.05	1661.75	1752.30	19.35	
1000.00	1000.00	980.50	31.91	98.05	98.05	5.14	1651.53	1752.30	17.39	
1100.00	1100.00	1080.50	31.91	108.05	108.05	5.25	1641.31	1752.30	15.79	
1200.00	1200.00	1180.50	31.91	118.05	118.05	5.36	1631.09	1752.30	14.46	
1300.00	1300.00	1280.50	31.91	128.05	128.05	5.48	1620.87	1752.30	13.33	
1400.00	1400.00	1380.50	31.91	138.05	138.05	5.60	1610.65	1752.30	12.37	
1500.00	1500.00	1480.50	31.91	148.05	148.05	5.73	1600.43	1752.30	11.54	
1600.00	1600.00	1580.50	31.91	158.05	158.05	5.87	1590.22	1752.30	10.81	
1700.00	1700.00	1680.50	31.91	168.05	168.05	6.01	1580.00	1752.30	10.17	
1800.00	1800.00	1780.50	31.91	178.05	178.05	6.15	1569.78	1752.30	9.60	
1900.00	1900.00	1880.50	31.91	188.05	188.05	6.30	1559.56	1752.30	9.09	
2000.00	2000.00	1980.50	31.91	198.05	198.05	6.44	1549.34	1752.30	8.63	
2100.00	2100.00	2080.50	31.91	208.05	208.05	6.60	1539.12	1752.30	8.22	
2200.00	2200.00	2180.50	31.91	218.05	218.05	6.76	1528.90	1752.30	7.84	
2300.00	2300.00	2280.50	31.91	228.05	228.05	6.92	1518.68	1752.30	7.50	
2400.00	2400.00	2380.50	31.91	238.05	238.05	7.08	1508.46	1752.30	7.19	
2500.00	2500.00	2480.50	31.91	248.05	248.05	7.24	1498.24	1752.30	6.90	
2600.00	2600.00	2580.50	31.91	258.05	258.05	7.41	1488.02	1752.30	6.63	
2700.00	2700.00	2680.50	31.91	268.05	268.05	7.58	1477.81	1752.30	6.38	
2800.00	2800.00	2780.50	31.91	278.05	278.05	7.76	1467.59	1752.30	6.15	
2900.00	2900.00	2880.50	31.91	288.05	288.05	7.93	1457.37	1752.30	5.94	
3000.00	3000.00	2980.50	31.91	298.05	298.05	8.11	1447.15	1752.30	5.74	
3100.00	3100.00	3080.50	31.91	308.05	308.05	8.30	1436.93	1752.30	5.56	
3200.00	3200.00	3180.50	31.91	318.05	318.05	8.48	1426.71	1752.30	5.38	
3300.00	3300.00	3280.50	31.91	328.05	328.05	8.67	1416.49	1752.30	5.22	
3400.00	3400.00	3380.50	31.91	338.05	338.05	8.86	1406.27	1752.30	5.06	
3500.00	3500.00	3480.50	31.91	348.05	348.05	9.05	1396.05	1752.30	4.92	
3600.00	3600.00	3580.50	31.91	358.05	358.05	9.25	1385.83	1752.30	4.78	

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
3700.00	3700.00	3680.50	31.91	368.05	368.05	9.44	1375.61	1752.30	4.65	
3800.00	3800.00	3780.50	31.91	378.05	378.05	9.64	1365.40	1752.30	4.53	
3900.00	3900.00	3880.50	31.91	388.05	388.05	9.85	1355.18	1752.30	4.41	
4000.00	4000.00	3980.50	31.91	398.05	398.05	10.05	1344.96	1752.30	4.30	
4100.00	4100.00	4080.50	31.91	408.05	408.05	10.26	1334.74	1752.30	4.20	
4200.00	4200.00	4180.50	31.91	418.05	418.05	10.48	1324.52	1752.30	4.10	
4300.00	4300.00	4280.50	31.91	428.05	428.05	10.69	1314.30	1752.30	4.00	
4400.00	4400.00	4380.50	31.91	438.05	438.05	10.91	1304.08	1752.30	3.91	
4500.00	4500.00	4480.50	31.91	448.05	448.05	11.13	1293.86	1752.30	3.82	
4600.00	4600.00	4580.50	31.91	458.05	458.05	11.36	1283.64	1752.30	3.74	
4700.00	4700.00	4680.50	31.91	468.05	468.05	11.59	1273.42	1752.30	3.66	
4800.00	4800.00	4780.50	31.91	478.05	478.05	11.82	1263.20	1752.30	3.58	
4900.00	4900.00	4880.50	31.91	488.05	488.05	12.06	1252.99	1752.30	3.51	
5000.00	5000.00	4980.50	31.91	498.05	498.05	12.30	1242.77	1752.30	3.44	
5100.00	5100.00	5080.50	31.91	508.05	508.05	12.54	1232.55	1752.30	3.37	
5200.00	5200.00	5180.50	31.91	518.05	518.05	12.79	1222.33	1752.30	3.31	
5300.00	5300.00	5280.50	31.91	528.05	528.05	13.04	1212.11	1752.30	3.24	
5400.00	5400.00	5380.50	31.91	538.05	538.05	13.30	1201.89	1752.30	3.18	
5500.00	5500.00	5480.50	31.91	548.05	548.05	13.55	1191.67	1752.30	3.13	
5600.00	5600.00	5580.50	31.91	558.05	558.05	13.82	1181.45	1752.30	3.07	
5700.00	5700.00	5680.50	31.91	568.05	568.05	14.09	1171.23	1752.30	3.02	
5800.00	5800.00	5780.50	31.91	578.05	578.05	14.36	1161.01	1752.30	2.96	
5900.00	5900.00	5880.50	31.91	588.05	588.05	14.63	1150.79	1752.30	2.91	
6000.00	6000.00	5980.50	31.91	598.05	598.05	14.91	1140.57	1752.30	2.86	
6100.00	6100.00	6080.50	31.91	608.05	608.05	15.20	1130.36	1752.30	2.82	
6200.00	6200.00	6180.50	31.91	618.05	618.05	15.49	1120.14	1752.30	2.77	
6300.00	6300.00	6280.50	31.91	628.05	628.05	15.78	1109.92	1752.30	2.73	
6400.00	6400.00	6380.50	31.91	638.05	638.05	16.08	1099.70	1752.30	2.69	
6500.00	6500.00	6480.50	31.91	648.05	648.05	16.39	1089.48	1752.30	2.64	
6600.00	6600.00	6580.50	31.91	658.05	658.05	16.70	1079.26	1752.30	2.60	
6700.00	6700.00	6680.50	31.91	668.05	668.05	17.01	1069.04	1752.30	2.56	
6800.00	6800.00	6780.50	31.91	678.05	678.05	17.33	1058.82	1752.30	2.53	
6900.00	6900.00	6880.50	31.91	688.05	688.05	17.65	1048.60	1752.30	2.49	SF(Lo)
7000.00	7000.00	6980.50	31.91	698.05	698.05	17.98	1038.38	1752.30	2.45	SF(Lo)
7100.00	7100.00	7080.50	31.91	708.05	708.05	18.31	1028.16	1752.30	2.42	SF(Lo)
7200.00	7200.00	7180.50	31.91	718.05	718.05	18.65	1017.95	1752.30	2.39	SF(Lo)
7300.00	7300.00	7280.50	31.91	728.05	728.05	18.99	1007.73	1752.30	2.35	SF(Lo)
7400.00	7400.00	7380.50	31.91	738.05	738.05	19.34	997.51	1752.30	2.32	SF(Lo)
7500.00	7500.00	7480.50	31.91	748.05	748.05	19.69	987.29	1752.30	2.29	SF(Lo)
7600.00	7600.00	7580.50	31.91	758.05	758.05	20.05	977.07	1752.30	2.26	SF(Lo)
7700.00	7700.00	7680.50	31.91	768.05	768.05	20.42	966.85	1752.30	2.23	SF(Lo)
7800.00	7800.00	7780.50	31.91	778.05	778.05	20.79	956.63	1752.30	2.20	SF(Lo)
7900.00	7900.00	7880.50	31.91	788.05	788.05	21.16	946.41	1752.30	2.17	SF(Lo)
8000.00	8000.00	7980.50	31.91	798.05	798.05	21.54	936.19	1752.30	2.15	SF(Lo)
8100.00	8100.00	8080.50	31.91	808.05	808.05	21.93	925.97	1752.30	2.12	SF(Lo)
8200.00	8200.00	8180.50	31.91	818.05	818.05	22.32	915.75	1752.30	2.09	SF(Lo)
8300.00	8300.00	8280.50	31.91	828.05	828.05	22.72	905.54	1752.30	2.07	SF(Lo)
8400.00	8400.00	8380.50	31.91	838.05	838.05	23.12	895.32	1752.30	2.04	SF(Lo)
8500.00	8500.00	8480.50	31.91	848.05	848.05	23.53	885.10	1752.30	2.02	SF(Lo)
8600.00	8600.00	8580.50	31.91	858.05	858.05	23.94	874.88	1752.30	2.00	SF(Lo)
8700.00	8700.00	8680.50	31.91	868.05	868.05	24.36	864.66	1752.30	1.97	SF(Lo)
8800.00	8800.00	8780.50	31.91	878.05	878.05	24.78	854.44	1752.30	1.95	SF(Lo)
8900.00	8900.00	8880.50	31.91	888.05	888.05	25.21	844.22	1752.30	1.93	SF(Lo)
9000.00	9000.00	8980.50	31.91	898.05	898.05	25.65	834.00	1752.30	1.91	SF(Lo)
9100.00	9100.00	9080.50	31.91	908.05	908.05	26.09	823.78	1752.30	1.89	SF(Lo)
9200.00	9200.00	9180.50	31.91	918.05	918.05	26.54	813.56	1752.30	1.87	SF(Lo)
9300.00	9300.00	9280.50	31.91	928.05	928.05	26.99	803.34	1752.30	1.85	SF(Lo)
9400.00	9400.00	9380.50	31.91	938.05	938.05	27.45	793.13	1752.30	1.83	SF(Lo)

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
9500.00	9500.00	9480.50	31.91	948.05	948.05	27.92	782.91	1752.30	1.81	SF(Lo)
9600.00	9600.00	9580.50	31.91	958.05	958.05	28.39	772.69	1752.30	1.79	SF(Lo)
9700.00	9700.00	9680.50	31.91	968.05	968.05	28.86	762.47	1752.30	1.77	SF(Lo)
9800.00	9800.00	9780.50	31.91	978.05	978.05	29.35	752.25	1752.30	1.75	SF(Lo)
9900.00	9900.00	9880.50	31.91	988.05	988.05	29.84	742.03	1752.30	1.73	SF(Lo)
10000.00	10000.00	9980.50	31.91	998.05	998.05	30.33	731.81	1752.30	1.72	SF(Lo)
10100.00	10100.00	10080.50	31.91	1008.05	1008.05	30.83	721.59	1752.30	1.70	SF(Lo)
10200.00	10200.00	10180.50	31.91	1018.05	1018.05	31.34	711.37	1752.30	1.68	SF(Lo)
10300.00	10300.00	10280.50	31.91	1028.05	1028.05	31.85	701.15	1752.30	1.67	SF(Lo)
10400.00	10400.00	10380.50	31.91	1038.05	1038.05	32.37	690.93	1752.30	1.65	SF(Lo)
10500.00	10500.00	10480.50	31.91	1048.05	1048.05	32.89	680.71	1752.30	1.64	SF(Lo)
10600.00	10600.00	10580.50	31.91	1058.05	1058.05	33.42	670.50	1752.30	1.62	SF(Lo)
10700.00	10700.00	10680.50	31.91	1068.05	1068.05	33.96	660.28	1752.30	1.60	SF(Lo)
10800.00	10800.00	10780.50	31.91	1078.05	1078.05	34.50	650.06	1752.30	1.59	SF(Lo)
10900.00	10899.80	10880.30	32.72	1088.03	1088.03	35.04	635.99	1748.38	1.57	SF(Lo)
11000.00	10997.39	10977.89	34.11	1097.79	1097.79	35.58	608.40	1730.48	1.54	SF(Lo)
11100.00	11089.79	11070.29	36.77	1107.03	1107.03	36.10	567.90	1698.79	1.50	SF(Lo)
11200.00	11174.21	11154.71	40.94	1115.47	1115.47	36.58	516.31	1654.60	1.45	SF(Med)
11300.00	11248.09	11228.59	46.94	1122.86	1122.86	37.00	454.58	1599.74	1.40	SF(Med)
11400.00	11309.17	11289.67	55.05	1128.97	1128.97	37.35	382.84	1536.49	1.33	SF(Med)
11500.00	11355.60	11336.10	65.16	1133.61	1133.61	37.62	307.72	1467.53	1.27	SF(Med)
11600.00	11385.97	11366.47	76.42	1136.65	1136.65	37.79	233.17	1395.78	1.20	SF(Med)
11700.00	11399.36	11379.86	87.32	1137.99	1137.99	37.87	163.19	1324.28	1.14	SF(Med)
11800.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	91.11	1255.83	1.08	SF(Med)
11900.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	26.23	1191.84	1.02	SF(Med)
12000.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-30.36	1133.08	0.97	SF(Hi)
12100.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-87.46	1080.39	0.93	SF(Hi)
12200.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-130.53	1034.71	0.89	SF(Hi)
12300.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-173.39	997.00	0.85	SF(Hi)
12400.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-200.30	968.19	0.83	SF(Hi)
12500.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-223.91	949.09	0.81	SF(Hi)
12600.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-233.43	940.29	0.80	SF(Hi)
12700.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-231.84	942.09	0.80	SF(Hi)
12800.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-222.72	954.41	0.81	SF(Hi)
12900.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-197.44	976.87	0.83	SF(Hi)
13000.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-169.72	1008.79	0.86	SF(Hi)
13100.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-126.73	1049.31	0.89	SF(Hi)
13200.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-81.67	1097.46	0.93	SF(Hi)
13300.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-22.80	1152.30	0.98	SF(Hi)
13400.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	34.10	1212.92	1.03	SF(Med)
13500.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	100.33	1278.50	1.09	SF(Med)
13600.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	173.47	1348.31	1.15	SF(Med)
13700.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	243.79	1421.73	1.21	SF(Med)
13800.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	320.06	1498.23	1.27	SF(Med)
13900.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	400.87	1577.37	1.34	SF(Med)
14000.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	485.33	1658.75	1.41	SF(Med)
14100.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	566.34	1742.08	1.48	SF(Med)
14200.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	650.26	1827.08	1.55	SF(Lo)
14300.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	736.63	1913.53	1.63	SF(Lo)
14400.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	824.91	2001.25	1.70	SF(Lo)
14500.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	914.85	2090.06	1.78	SF(Lo)
14600.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1006.18	2179.85	1.86	SF(Lo)
14700.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1098.57	2270.49	1.94	SF(Lo)
14800.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1188.58	2361.89	2.01	SF(Lo)
14900.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1279.68	2453.95	2.09	SF(Lo)
15000.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1371.72	2546.62	2.17	SF(Lo)
15100.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1464.57	2639.82	2.25	SF(Lo)
15200.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1558.13	2733.50	2.33	SF(Lo)

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
15300.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1652.31	2827.61	2.41	SF(Lo)
15400.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1747.02	2922.12	2.49	SF(Lo)
15500.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1842.21	3016.98	2.57	
15600.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1937.82	3112.16	2.65	
15700.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	2033.80	3207.64	2.73	
15800.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	2130.11	3303.38	2.82	
15900.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	2226.71	3399.37	2.90	
15905.28	11400.00	11380.50	90.00	1138.05	1138.05	37.87	2231.82	3404.44	2.90	
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	17.50	0.00	29.78	0.00	0.00	0.00	2059.89	2060.52	3221.76	
100.00	100.00	82.50	29.78	8.25	8.25	2.28	2051.45	2060.45	228.97	
200.00	200.00	182.50	29.78	18.25	18.25	4.62	2041.23	2060.45	107.19	
300.00	300.00	282.50	29.78	28.25	28.25	4.65	2031.00	2060.45	69.97	
400.00	400.00	382.50	29.78	38.25	38.25	4.69	2020.78	2060.45	51.94	
500.00	500.00	482.50	29.78	48.25	48.25	4.74	2010.55	2060.45	41.29	
600.00	600.00	582.50	29.78	58.25	58.25	4.80	2000.33	2060.45	34.27	
700.00	700.00	682.50	29.78	68.25	68.25	4.88	1990.10	2060.45	29.29	
800.00	800.00	782.50	29.78	78.25	78.25	4.96	1979.88	2060.45	25.57	
900.00	900.00	882.50	29.78	88.25	88.25	5.05	1969.66	2060.45	22.69	
1000.00	1000.00	982.50	29.78	98.25	98.25	5.15	1959.43	2060.45	20.40	
1100.00	1100.00	1082.50	29.78	108.25	108.25	5.25	1949.21	2060.45	18.52	
1200.00	1200.00	1182.50	29.78	118.25	118.25	5.36	1938.98	2060.45	16.96	
1300.00	1300.00	1282.50	29.78	128.25	128.25	5.48	1928.76	2060.45	15.65	
1400.00	1400.00	1382.50	29.78	138.25	138.25	5.61	1918.53	2060.45	14.52	
1500.00	1500.00	1482.50	29.78	148.25	148.25	5.74	1908.31	2060.45	13.54	
1600.00	1600.00	1582.50	29.78	158.25	158.25	5.87	1898.08	2060.45	12.69	
1700.00	1700.00	1682.50	29.78	168.25	168.25	6.01	1887.86	2060.45	11.94	
1800.00	1800.00	1782.50	29.78	178.25	178.25	6.15	1877.63	2060.45	11.27	
1900.00	1900.00	1882.50	29.78	188.25	188.25	6.30	1867.41	2060.45	10.67	
2000.00	2000.00	1982.50	29.78	198.25	198.25	6.45	1857.18	2060.45	10.14	
2100.00	2100.00	2082.50	29.78	208.25	208.25	6.60	1846.96	2060.45	9.65	
2200.00	2200.00	2182.50	29.78	218.25	218.25	6.76	1836.73	2060.45	9.21	
2300.00	2300.00	2282.50	29.78	228.25	228.25	6.92	1826.51	2060.45	8.81	
2400.00	2400.00	2382.50	29.78	238.25	238.25	7.08	1816.28	2060.45	8.44	
2500.00	2500.00	2482.50	29.78	248.25	248.25	7.25	1806.06	2060.45	8.10	
2600.00	2600.00	2582.50	29.78	258.25	258.25	7.42	1795.84	2060.45	7.79	
2700.00	2700.00	2682.50	29.78	268.25	268.25	7.59	1785.61	2060.45	7.50	
2800.00	2800.00	2782.50	29.78	278.25	278.25	7.76	1775.39	2060.45	7.23	
2900.00	2900.00	2882.50	29.78	288.25	288.25	7.94	1765.16	2060.45	6.98	
3000.00	3000.00	2982.50	29.78	298.25	298.25	8.12	1754.94	2060.45	6.74	
3100.00	3100.00	3082.50	29.78	308.25	308.25	8.30	1744.71	2060.45	6.53	
3200.00	3200.00	3182.50	29.78	318.25	318.25	8.48	1734.49	2060.45	6.32	
3300.00	3300.00	3282.50	29.78	328.25	328.25	8.67	1724.26	2060.45	6.13	
3400.00	3400.00	3382.50	29.78	338.25	338.25	8.86	1714.04	2060.45	5.95	
3500.00	3500.00	3482.50	29.78	348.25	348.25	9.05	1703.81	2060.45	5.78	
3600.00	3600.00	3582.50	29.78	358.25	358.25	9.25	1693.59	2060.45	5.62	
3700.00	3700.00	3682.50	29.78	368.25	368.25	9.45	1683.36	2060.45	5.46	
3800.00	3800.00	3782.50	29.78	378.25	378.25	9.65	1673.14	2060.45	5.32	
3900.00	3900.00	3882.50	29.78	388.25	388.25	9.85	1662.91	2060.45	5.18	
4000.00	4000.00	3982.50	29.78	398.25	398.25	10.06	1652.69	2060.45	5.05	
4100.00	4100.00	4082.50	29.78	408.25	408.25	10.27	1642.46	2060.45	4.93	
4200.00	4200.00	4182.50	29.78	418.25	418.25	10.48	1632.24	2060.45	4.81	
4300.00	4300.00	4282.50	29.78	428.25	428.25	10.70	1622.01	2060.45	4.70	
4400.00	4400.00	4382.50	29.78	438.25	438.25	10.92	1611.79	2060.45	4.59	
4500.00	4500.00	4482.50	29.78	448.25	448.25	11.14	1601.57	2060.45	4.49	
4600.00	4600.00	4582.50	29.78	458.25	458.25	11.36	1591.34	2060.45	4.39	

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
4700.00	4700.00	4682.50	29.78	468.25	468.25	11.59	1581.12	2060.45	4.30	
4800.00	4800.00	4782.50	29.78	478.25	478.25	11.83	1570.89	2060.45	4.21	
4900.00	4900.00	4882.50	29.78	488.25	488.25	12.06	1560.67	2060.45	4.12	
5000.00	5000.00	4982.50	29.78	498.25	498.25	12.30	1550.44	2060.45	4.04	
5100.00	5100.00	5082.50	29.78	508.25	508.25	12.55	1540.22	2060.45	3.96	
5200.00	5200.00	5182.50	29.78	518.25	518.25	12.79	1529.99	2060.45	3.88	
5300.00	5300.00	5282.50	29.78	528.25	528.25	13.04	1519.77	2060.45	3.81	
5400.00	5400.00	5382.50	29.78	538.25	538.25	13.30	1509.54	2060.45	3.74	
5500.00	5500.00	5482.50	29.78	548.25	548.25	13.56	1499.32	2060.45	3.67	
5600.00	5600.00	5582.50	29.78	558.25	558.25	13.82	1489.09	2060.45	3.61	
5700.00	5700.00	5682.50	29.78	568.25	568.25	14.09	1478.87	2060.45	3.54	
5800.00	5800.00	5782.50	29.78	578.25	578.25	14.36	1468.64	2060.45	3.48	
5900.00	5900.00	5882.50	29.78	588.25	588.25	14.64	1458.42	2060.45	3.42	
6000.00	6000.00	5982.50	29.78	598.25	598.25	14.92	1448.19	2060.45	3.37	
6100.00	6100.00	6082.50	29.78	608.25	608.25	15.21	1437.97	2060.45	3.31	
6200.00	6200.00	6182.50	29.78	618.25	618.25	15.49	1427.75	2060.45	3.26	
6300.00	6300.00	6282.50	29.78	628.25	628.25	15.79	1417.52	2060.45	3.20	
6400.00	6400.00	6382.50	29.78	638.25	638.25	16.09	1407.30	2060.45	3.15	
6500.00	6500.00	6482.50	29.78	648.25	648.25	16.39	1397.07	2060.45	3.11	
6600.00	6600.00	6582.50	29.78	658.25	658.25	16.70	1386.85	2060.45	3.06	
6700.00	6700.00	6682.50	29.78	668.25	668.25	17.01	1376.62	2060.45	3.01	
6800.00	6800.00	6782.50	29.78	678.25	678.25	17.33	1366.40	2060.45	2.97	
6900.00	6900.00	6882.50	29.78	688.25	688.25	17.65	1356.17	2060.45	2.93	
7000.00	7000.00	6982.50	29.78	698.25	698.25	17.98	1345.95	2060.45	2.88	
7100.00	7100.00	7082.50	29.78	708.25	708.25	18.32	1335.72	2060.45	2.84	
7200.00	7200.00	7182.50	29.78	718.25	718.25	18.65	1325.50	2060.45	2.80	
7300.00	7300.00	7282.50	29.78	728.25	728.25	19.00	1315.27	2060.45	2.77	
7400.00	7400.00	7382.50	29.78	738.25	738.25	19.35	1305.05	2060.45	2.73	
7500.00	7500.00	7482.50	29.78	748.25	748.25	19.70	1294.82	2060.45	2.69	
7600.00	7600.00	7582.50	29.78	758.25	758.25	20.06	1284.60	2060.45	2.66	
7700.00	7700.00	7682.50	29.78	768.25	768.25	20.42	1274.37	2060.45	2.62	
7800.00	7800.00	7782.50	29.78	778.25	778.25	20.79	1264.15	2060.45	2.59	
7900.00	7900.00	7882.50	29.78	788.25	788.25	21.17	1253.93	2060.45	2.55	
8000.00	8000.00	7982.50	29.78	798.25	798.25	21.55	1243.70	2060.45	2.52	
8100.00	8100.00	8082.50	29.78	808.25	808.25	21.93	1233.48	2060.45	2.49	SF(Lo)
8200.00	8200.00	8182.50	29.78	818.25	818.25	22.32	1223.25	2060.45	2.46	SF(Lo)
8300.00	8300.00	8282.50	29.78	828.25	828.25	22.72	1213.03	2060.45	2.43	SF(Lo)
8400.00	8400.00	8382.50	29.78	838.25	838.25	23.12	1202.80	2060.45	2.40	SF(Lo)
8500.00	8500.00	8482.50	29.78	848.25	848.25	23.53	1192.58	2060.45	2.37	SF(Lo)
8600.00	8600.00	8582.50	29.78	858.25	858.25	23.95	1182.35	2060.45	2.35	SF(Lo)
8700.00	8700.00	8682.50	29.78	868.25	868.25	24.36	1172.13	2060.45	2.32	SF(Lo)
8800.00	8800.00	8782.50	29.78	878.25	878.25	24.79	1161.90	2060.45	2.29	SF(Lo)
8900.00	8900.00	8882.50	29.78	888.25	888.25	25.22	1151.68	2060.45	2.27	SF(Lo)
9000.00	9000.00	8982.50	29.78	898.25	898.25	25.65	1141.45	2060.45	2.24	SF(Lo)
9100.00	9100.00	9082.50	29.78	908.25	908.25	26.10	1131.23	2060.45	2.22	SF(Lo)
9200.00	9200.00	9182.50	29.78	918.25	918.25	26.54	1121.00	2060.45	2.19	SF(Lo)
9300.00	9300.00	9282.50	29.78	928.25	928.25	27.00	1110.78	2060.45	2.17	SF(Lo)
9400.00	9400.00	9382.50	29.78	938.25	938.25	27.46	1100.55	2060.45	2.15	SF(Lo)
9500.00	9500.00	9482.50	29.78	948.25	948.25	27.92	1090.33	2060.45	2.12	SF(Lo)
9600.00	9600.00	9582.50	29.78	958.25	958.25	28.39	1080.11	2060.45	2.10	SF(Lo)
9700.00	9700.00	9682.50	29.78	968.25	968.25	28.87	1069.88	2060.45	2.08	SF(Lo)
9800.00	9800.00	9782.50	29.78	978.25	978.25	29.35	1059.66	2060.45	2.06	SF(Lo)
9900.00	9900.00	9882.50	29.78	988.25	988.25	29.84	1049.43	2060.45	2.04	SF(Lo)
10000.00	10000.00	9982.50	29.78	998.25	998.25	30.34	1039.21	2060.45	2.02	SF(Lo)
10100.00	10100.00	10082.50	29.78	1008.25	1008.25	30.84	1028.98	2060.45	2.00	SF(Lo)
10200.00	10200.00	10182.50	29.78	1018.25	1018.25	31.34	1018.76	2060.45	1.98	SF(Lo)
10300.00	10300.00	10282.50	29.78	1028.25	1028.25	31.85	1008.53	2060.45	1.96	SF(Lo)
10400.00	10400.00	10382.50	29.78	1038.25	1038.25	32.37	998.31	2060.45	1.94	SF(Lo)

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
10500.00	10500.00	10482.50	29.78	1048.25	1048.25	32.90	988.08	2060.45	1.92	SF(Lo)
10600.00	10600.00	10582.50	29.78	1058.25	1058.25	33.43	977.86	2060.45	1.90	SF(Lo)
10700.00	10700.00	10682.50	29.78	1068.25	1068.25	33.96	967.63	2060.45	1.89	SF(Lo)
10800.00	10800.00	10782.50	29.78	1078.25	1078.25	34.50	957.41	2060.45	1.87	SF(Lo)
10900.00	10899.80	10882.30	30.57	1088.23	1088.23	35.05	943.24	2056.45	1.85	SF(Lo)
11000.00	10997.39	10979.89	31.85	1097.99	1097.99	35.59	914.96	2038.12	1.81	SF(Lo)
11100.00	11089.79	11072.29	34.30	1107.23	1107.23	36.11	873.03	2005.63	1.77	SF(Lo)
11200.00	11174.21	11156.71	38.18	1115.67	1115.67	36.58	819.27	1960.19	1.72	SF(Lo)
11300.00	11248.09	11230.59	43.87	1123.06	1123.06	37.01	755.88	1903.55	1.66	SF(Lo)
11400.00	11309.17	11291.67	51.78	1129.17	1129.17	37.36	685.40	1837.86	1.59	SF(Lo)
11500.00	11355.60	11338.10	62.09	1133.81	1133.81	37.62	609.05	1765.66	1.53	SF(Lo)
11600.00	11385.97	11368.47	74.27	1136.85	1136.85	37.80	527.47	1689.69	1.45	SF(Med)
11700.00	11399.36	11381.86	86.80	1138.19	1138.19	37.88	447.88	1612.82	1.38	SF(Med)
11800.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	373.10	1537.73	1.32	SF(Med)
11900.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	303.45	1465.61	1.26	SF(Med)
12000.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	231.36	1396.94	1.20	SF(Med)
12100.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	164.98	1332.23	1.14	SF(Med)
12200.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	106.86	1272.10	1.09	SF(Med)
12300.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	48.27	1217.23	1.04	SF(Med)
12400.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	-1.69	1168.35	1.00	SF(Hi)
12500.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	-44.54	1126.25	0.96	SF(Hi)
12600.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	-81.89	1091.72	0.93	SF(Hi)
12700.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	-108.66	1065.48	0.91	SF(Hi)
12800.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	-128.41	1048.17	0.89	SF(Hi)
12900.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	-137.95	1040.22	0.88	SF(Hi)
13000.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	-136.92	1041.86	0.88	SF(Hi)
13100.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	-128.20	1053.03	0.89	SF(Hi)
13200.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	-106.57	1073.44	0.91	SF(Hi)
13300.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	-80.51	1102.58	0.93	SF(Hi)
13400.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	-41.50	1139.77	0.96	SF(Hi)
13500.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1.15	1184.26	1.00	SF(Med)
13600.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	52.20	1235.27	1.04	SF(Med)
13700.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	111.20	1292.01	1.09	SF(Med)
13800.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	170.22	1353.77	1.14	SF(Med)
13900.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	237.41	1419.89	1.20	SF(Med)
14000.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	310.59	1489.80	1.26	SF(Med)
14100.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	381.09	1562.98	1.32	SF(Med)
14200.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	456.59	1638.99	1.39	SF(Med)
14300.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	536.22	1717.47	1.45	SF(Med)
14400.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	619.29	1798.09	1.53	SF(Lo)
14500.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	702.00	1880.56	1.60	SF(Lo)
14600.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	784.61	1964.67	1.66	SF(Lo)
14700.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	869.58	2050.20	1.74	SF(Lo)
14800.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	956.54	2136.99	1.81	SF(Lo)
14900.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1045.19	2224.89	1.89	SF(Lo)
15000.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1135.25	2313.77	1.96	SF(Lo)
15100.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1226.52	2403.53	2.04	SF(Lo)
15200.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1318.75	2494.06	2.12	SF(Lo)
15300.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1409.21	2585.29	2.20	SF(Lo)
15400.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1500.12	2677.15	2.27	SF(Lo)
15500.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1591.88	2769.58	2.35	SF(Lo)
15600.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1684.40	2862.51	2.43	SF(Lo)
15700.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1777.59	2955.90	2.51	SF(Lo)
15800.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1871.37	3049.71	2.59	SF(Lo)
15900.00	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1965.67	3143.91	2.67	SF(Lo)
15905.28	11400.00	11382.50	90.00	1138.25	1138.25	37.88	1970.66	3148.89	2.67	SF(Lo)

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	32.50	0.00	18.02	0.00	0.00	0.00	3268.72	3269.36	5111.87	
100.00	100.00	67.50	18.02	6.75	6.75	1.87	3261.71	3269.20	436.19	
200.00	200.00	167.50	18.02	16.75	16.75	4.61	3251.49	3269.20	184.57	
300.00	300.00	267.50	18.02	26.75	26.75	4.64	3241.27	3269.20	117.05	
400.00	400.00	367.50	18.02	36.75	36.75	4.68	3231.05	3269.20	85.69	
500.00	500.00	467.50	18.02	46.75	46.75	4.73	3220.83	3269.20	67.59	
600.00	600.00	567.50	18.02	56.75	56.75	4.79	3210.61	3269.20	55.80	
700.00	700.00	667.50	18.02	66.75	66.75	4.86	3200.39	3269.20	47.51	
800.00	800.00	767.50	18.02	76.75	76.75	4.95	3190.18	3269.20	41.37	
900.00	900.00	867.50	18.02	86.75	86.75	5.03	3179.96	3269.20	36.63	
1000.00	1000.00	967.50	18.02	96.75	96.75	5.13	3169.74	3269.20	32.87	
1100.00	1100.00	1067.50	18.02	106.75	106.75	5.24	3159.52	3269.20	29.81	
1200.00	1200.00	1167.50	18.02	116.75	116.75	5.35	3149.30	3269.20	27.27	
1300.00	1300.00	1267.50	18.02	126.75	126.75	5.46	3139.08	3269.20	25.12	
1400.00	1400.00	1367.50	18.02	136.75	136.75	5.59	3128.86	3269.20	23.30	
1500.00	1500.00	1467.50	18.02	146.75	146.75	5.72	3118.64	3269.20	21.71	
1600.00	1600.00	1567.50	18.02	156.75	156.75	5.85	3108.43	3269.20	20.33	
1700.00	1700.00	1667.50	18.02	166.75	166.75	5.99	3098.21	3269.20	19.12	
1800.00	1800.00	1767.50	18.02	176.75	176.75	6.13	3087.99	3269.20	18.04	
1900.00	1900.00	1867.50	18.02	186.75	186.75	6.27	3077.77	3269.20	17.08	
2000.00	2000.00	1967.50	18.02	196.75	196.75	6.42	3067.55	3269.20	16.21	
2100.00	2100.00	2067.50	18.02	206.75	206.75	6.58	3057.33	3269.20	15.43	
2200.00	2200.00	2167.50	18.02	216.75	216.75	6.73	3047.11	3269.20	14.72	
2300.00	2300.00	2267.50	18.02	226.75	226.75	6.89	3036.89	3269.20	14.07	
2400.00	2400.00	2367.50	18.02	236.75	236.75	7.06	3026.68	3269.20	13.48	
2500.00	2500.00	2467.50	18.02	246.75	246.75	7.22	3016.46	3269.20	12.93	
2600.00	2600.00	2567.50	18.02	256.75	256.75	7.39	3006.24	3269.20	12.43	
2700.00	2700.00	2667.50	18.02	266.75	266.75	7.56	2996.02	3269.20	11.97	
2800.00	2800.00	2767.50	18.02	276.75	276.75	7.73	2985.80	3269.20	11.54	
2900.00	2900.00	2867.50	18.02	286.75	286.75	7.91	2975.58	3269.20	11.13	
3000.00	3000.00	2967.50	18.02	296.75	296.75	8.09	2965.36	3269.20	10.76	
3100.00	3100.00	3067.50	18.02	306.75	306.75	8.27	2955.15	3269.20	10.41	
3200.00	3200.00	3167.50	18.02	316.75	316.75	8.46	2944.93	3269.20	10.08	
3300.00	3300.00	3267.50	18.02	326.75	326.75	8.64	2934.71	3269.20	9.77	
3400.00	3400.00	3367.50	18.02	336.75	336.75	8.83	2924.49	3269.20	9.48	
3500.00	3500.00	3467.50	18.02	346.75	346.75	9.02	2914.27	3269.20	9.21	
3600.00	3600.00	3567.50	18.02	356.75	356.75	9.22	2904.05	3269.20	8.95	
3700.00	3700.00	3667.50	18.02	366.75	366.75	9.42	2893.83	3269.20	8.71	
3800.00	3800.00	3767.50	18.02	376.75	376.75	9.62	2883.61	3269.20	8.48	
3900.00	3900.00	3867.50	18.02	386.75	386.75	9.82	2873.40	3269.20	8.26	
4000.00	4000.00	3967.50	18.02	396.75	396.75	10.03	2863.18	3269.20	8.05	
4100.00	4100.00	4067.50	18.02	406.75	406.75	10.24	2852.96	3269.20	7.85	
4200.00	4200.00	4167.50	18.02	416.75	416.75	10.45	2842.74	3269.20	7.67	
4300.00	4300.00	4267.50	18.02	426.75	426.75	10.67	2832.52	3269.20	7.49	
4400.00	4400.00	4367.50	18.02	436.75	436.75	10.88	2822.30	3269.20	7.32	
4500.00	4500.00	4467.50	18.02	446.75	446.75	11.11	2812.08	3269.20	7.15	
4600.00	4600.00	4567.50	18.02	456.75	456.75	11.33	2801.86	3269.20	7.00	
4700.00	4700.00	4667.50	18.02	466.75	466.75	11.56	2791.65	3269.20	6.85	
4800.00	4800.00	4767.50	18.02	476.75	476.75	11.79	2781.43	3269.20	6.70	
4900.00	4900.00	4867.50	18.02	486.75	486.75	12.03	2771.21	3269.20	6.56	
5000.00	5000.00	4967.50	18.02	496.75	496.75	12.27	2760.99	3269.20	6.43	
5100.00	5100.00	5067.50	18.02	506.75	506.75	12.51	2750.77	3269.20	6.31	
5200.00	5200.00	5167.50	18.02	516.75	516.75	12.76	2740.55	3269.20	6.18	
5300.00	5300.00	5267.50	18.02	526.75	526.75	13.01	2730.33	3269.20	6.07	
5400.00	5400.00	5367.50	18.02	536.75	536.75	13.27	2720.12	3269.20	5.95	
5500.00	5500.00	5467.50	18.02	546.75	546.75	13.53	2709.90	3269.20	5.85	
5600.00	5600.00	5567.50	18.02	556.75	556.75	13.79	2699.68	3269.20	5.74	
5700.00	5700.00	5667.50	18.02	566.75	566.75	14.06	2689.46	3269.20	5.64	

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	5767.50	18.02	576.75	576.75	14.33	2679.24	3269.20	5.54	
5900.00	5900.00	5867.50	18.02	586.75	586.75	14.61	2669.02	3269.20	5.45	
6000.00	6000.00	5967.50	18.02	596.75	596.75	14.89	2658.80	3269.20	5.36	
6100.00	6100.00	6067.50	18.02	606.75	606.75	15.17	2648.58	3269.20	5.27	
6200.00	6200.00	6167.50	18.02	616.75	616.75	15.46	2638.37	3269.20	5.18	
6300.00	6300.00	6267.50	18.02	626.75	626.75	15.75	2628.15	3269.20	5.10	
6400.00	6400.00	6367.50	18.02	636.75	636.75	16.05	2617.93	3269.20	5.02	
6500.00	6500.00	6467.50	18.02	646.75	646.75	16.36	2607.71	3269.20	4.94	
6600.00	6600.00	6567.50	18.02	656.75	656.75	16.67	2597.49	3269.20	4.87	
6700.00	6700.00	6667.50	18.02	666.75	666.75	16.98	2587.27	3269.20	4.79	
6800.00	6800.00	6767.50	18.02	676.75	676.75	17.30	2577.05	3269.20	4.72	
6900.00	6900.00	6867.50	18.02	686.75	686.75	17.62	2566.83	3269.20	4.65	
7000.00	7000.00	6967.50	18.02	696.75	696.75	17.95	2556.62	3269.20	4.59	
7100.00	7100.00	7067.50	18.02	706.75	706.75	18.28	2546.40	3269.20	4.52	
7200.00	7200.00	7167.50	18.02	716.75	716.75	18.62	2536.18	3269.20	4.46	
7300.00	7300.00	7267.50	18.02	726.75	726.75	18.96	2525.96	3269.20	4.40	
7400.00	7400.00	7367.50	18.02	736.75	736.75	19.31	2515.74	3269.20	4.34	
7500.00	7500.00	7467.50	18.02	746.75	746.75	19.66	2505.52	3269.20	4.28	
7600.00	7600.00	7567.50	18.02	756.75	756.75	20.02	2495.30	3269.20	4.22	
7700.00	7700.00	7667.50	18.02	766.75	766.75	20.38	2485.09	3269.20	4.17	
7800.00	7800.00	7767.50	18.02	776.75	776.75	20.75	2474.87	3269.20	4.12	
7900.00	7900.00	7867.50	18.02	786.75	786.75	21.13	2464.65	3269.20	4.06	
8000.00	8000.00	7967.50	18.02	796.75	796.75	21.51	2454.43	3269.20	4.01	
8100.00	8100.00	8067.50	18.02	806.75	806.75	21.89	2444.21	3269.20	3.96	
8200.00	8200.00	8167.50	18.02	816.75	816.75	22.28	2433.99	3269.20	3.91	
8300.00	8300.00	8267.50	18.02	826.75	826.75	22.68	2423.77	3269.20	3.87	
8400.00	8400.00	8367.50	18.02	836.75	836.75	23.08	2413.55	3269.20	3.82	
8500.00	8500.00	8467.50	18.02	846.75	846.75	23.49	2403.34	3269.20	3.78	
8600.00	8600.00	8567.50	18.02	856.75	856.75	23.90	2393.12	3269.20	3.73	
8700.00	8700.00	8667.50	18.02	866.75	866.75	24.32	2382.90	3269.20	3.69	
8800.00	8800.00	8767.50	18.02	876.75	876.75	24.75	2372.68	3269.20	3.65	
8900.00	8900.00	8867.50	18.02	886.75	886.75	25.18	2362.46	3269.20	3.61	
9000.00	9000.00	8967.50	18.02	896.75	896.75	25.61	2352.24	3269.20	3.57	
9100.00	9100.00	9067.50	18.02	906.75	906.75	26.06	2342.02	3269.20	3.53	
9200.00	9200.00	9167.50	18.02	916.75	916.75	26.50	2331.80	3269.20	3.49	
9300.00	9300.00	9267.50	18.02	926.75	926.75	26.96	2321.59	3269.20	3.45	
9400.00	9400.00	9367.50	18.02	936.75	936.75	27.41	2311.37	3269.20	3.41	
9500.00	9500.00	9467.50	18.02	946.75	946.75	27.88	2301.15	3269.20	3.38	
9600.00	9600.00	9567.50	18.02	956.75	956.75	28.35	2290.93	3269.20	3.34	
9700.00	9700.00	9667.50	18.02	966.75	966.75	28.83	2280.71	3269.20	3.31	
9800.00	9800.00	9767.50	18.02	976.75	976.75	29.31	2270.49	3269.20	3.27	
9900.00	9900.00	9867.50	18.02	986.75	986.75	29.80	2260.27	3269.20	3.24	
10000.00	10000.00	9967.50	18.02	996.75	996.75	30.29	2250.06	3269.20	3.21	
10100.00	10100.00	10067.50	18.02	1006.75	1006.75	30.79	2239.84	3269.20	3.18	
10200.00	10200.00	10167.50	18.02	1016.75	1016.75	31.30	2229.62	3269.20	3.14	
10300.00	10300.00	10267.50	18.02	1026.75	1026.75	31.81	2219.40	3269.20	3.11	
10400.00	10400.00	10367.50	18.02	1036.75	1036.75	32.33	2209.18	3269.20	3.08	
10500.00	10500.00	10467.50	18.02	1046.75	1046.75	32.85	2198.96	3269.20	3.05	
10600.00	10600.00	10567.50	18.02	1056.75	1056.75	33.38	2188.74	3269.20	3.03	
10700.00	10700.00	10667.50	18.02	1066.75	1066.75	33.91	2178.52	3269.20	3.00	
10800.00	10800.00	10767.50	18.02	1076.75	1076.75	34.46	2168.31	3269.20	2.97	
10900.00	10899.80	10867.30	18.71	1086.73	1086.73	35.00	2153.76	3264.80	2.94	
11000.00	10997.39	10964.89	19.51	1096.49	1096.49	35.54	2123.53	3244.65	2.89	
11100.00	11089.79	11057.29	21.08	1105.73	1105.73	36.06	2078.07	3208.78	2.84	
11200.00	11174.21	11141.71	23.66	1114.17	1114.17	36.54	2018.89	3158.34	2.77	
11300.00	11248.09	11215.59	27.74	1121.56	1121.56	36.96	1947.73	3094.96	2.70	
11400.00	11309.17	11276.67	34.16	1127.67	1127.67	37.31	1867.04	3020.65	2.62	
11500.00	11355.60	11323.10	44.43	1132.31	1132.31	37.58	1779.39	2937.78	2.54	

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	11353.47	60.70	1135.35	1135.35	37.75	1687.58	2849.00	2.45	SF(Lo)
11700.00	11399.36	11366.86	83.39	1136.69	1136.69	37.83	1594.56	2757.09	2.37	SF(Lo)
11800.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	1502.64	2664.75	2.29	SF(Lo)
11900.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	1411.54	2572.97	2.22	SF(Lo)
12000.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	1321.36	2481.82	2.14	SF(Lo)
12100.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	1231.43	2391.39	2.06	SF(Lo)
12200.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	1139.90	2301.74	1.98	SF(Lo)
12300.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	1049.55	2212.99	1.90	SF(Lo)
12400.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	960.52	2125.23	1.82	SF(Lo)
12500.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	873.01	2038.60	1.75	SF(Lo)
12600.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	787.45	1953.25	1.68	SF(Lo)
12700.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	704.21	1869.35	1.60	SF(Lo)
12800.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	623.39	1787.11	1.54	SF(Lo)
12900.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	539.24	1706.76	1.46	SF(Med)
13000.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	458.44	1628.60	1.39	SF(Med)
13100.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	381.63	1552.94	1.33	SF(Med)
13200.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	309.65	1480.17	1.26	SF(Med)
13300.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	237.05	1410.74	1.20	SF(Med)
13400.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	167.73	1345.17	1.14	SF(Med)
13500.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	106.36	1284.05	1.09	SF(Med)
13600.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	47.00	1228.03	1.04	SF(Med)
13700.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	-6.85	1177.86	0.99	SF(Hi)
13800.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	-50.59	1134.30	0.96	SF(Hi)
13900.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	-92.19	1098.15	0.92	SF(Hi)
14000.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	-119.85	1070.15	0.90	SF(Hi)
14100.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	-144.45	1050.95	0.88	SF(Hi)
14200.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	-154.72	1041.05	0.87	SF(Hi)
14300.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	-158.16	1040.71	0.87	SF(Hi)
14400.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	-149.72	1049.94	0.88	SF(Hi)
14500.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	-131.50	1068.48	0.89	SF(Hi)
14600.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	-105.16	1095.88	0.91	SF(Hi)
14700.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	-69.00	1131.47	0.94	SF(Hi)
14800.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	-25.44	1174.53	0.98	SF(Hi)
14900.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	23.99	1224.26	1.02	SF(Med)
15000.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	84.32	1279.88	1.07	SF(Med)
15100.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	142.41	1340.67	1.12	SF(Med)
15200.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	208.86	1405.94	1.17	SF(Med)
15300.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	282.25	1475.12	1.24	SF(Med)
15400.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	353.36	1547.66	1.30	SF(Med)
15500.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	428.60	1623.13	1.36	SF(Med)
15600.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	508.17	1701.13	1.43	SF(Med)
15700.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	591.27	1781.33	1.50	SF(Med)
15800.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	675.29	1863.44	1.57	SF(Lo)
15900.00	11400.00	11367.50	90.00	1136.75	1136.75	37.83	757.95	1947.23	1.64	SF(Lo)
15905.28	11400.00	11367.50	90.00	1136.75	1136.75	37.83	762.38	1951.69	1.64	SF(Lo)

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	19.50	0.00	12.72	0.00	0.00	0.00	4539.52	4540.16	7098.88	
100.00	100.00	80.50	12.72	8.05	8.05	2.23	4531.33	4540.12	516.53	
200.00	200.00	180.50	12.72	18.05	18.05	4.62	4521.12	4540.12	238.93	
300.00	300.00	280.50	12.72	28.05	28.05	4.65	4510.90	4540.12	155.40	
400.00	400.00	380.50	12.72	38.05	38.05	4.69	4500.69	4540.12	115.15	
500.00	500.00	480.50	12.72	48.05	48.05	4.74	4490.48	4540.12	91.46	
600.00	600.00	580.50	12.72	58.05	58.05	4.80	4480.26	4540.12	75.85	
700.00	700.00	680.50	12.72	68.05	68.05	4.87	4470.05	4540.12	64.80	
800.00	800.00	780.50	12.72	78.05	78.05	4.96	4459.84	4540.12	56.55	
900.00	900.00	880.50	12.72	88.05	88.05	5.05	4449.62	4540.12	50.17	

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	980.50	12.72	98.05	98.05	5.14	4439.41	4540.12	45.08	
1100.00	1100.00	1080.50	12.72	108.05	108.05	5.25	4429.20	4540.12	40.93	
1200.00	1200.00	1180.50	12.72	118.05	118.05	5.36	4418.98	4540.12	37.48	
1300.00	1300.00	1280.50	12.72	128.05	128.05	5.48	4408.77	4540.12	34.57	
1400.00	1400.00	1380.50	12.72	138.05	138.05	5.60	4398.56	4540.12	32.07	
1500.00	1500.00	1480.50	12.72	148.05	148.05	5.73	4388.34	4540.12	29.91	
1600.00	1600.00	1580.50	12.72	158.05	158.05	5.87	4378.13	4540.12	28.03	
1700.00	1700.00	1680.50	12.72	168.05	168.05	6.01	4367.92	4540.12	26.37	
1800.00	1800.00	1780.50	12.72	178.05	178.05	6.15	4357.71	4540.12	24.89	
1900.00	1900.00	1880.50	12.72	188.05	188.05	6.30	4347.49	4540.12	23.57	
2000.00	2000.00	1980.50	12.72	198.05	198.05	6.44	4337.28	4540.12	22.38	
2100.00	2100.00	2080.50	12.72	208.05	208.05	6.60	4327.07	4540.12	21.31	
2200.00	2200.00	2180.50	12.72	218.05	218.05	6.76	4316.85	4540.12	20.33	
2300.00	2300.00	2280.50	12.72	228.05	228.05	6.92	4306.64	4540.12	19.45	
2400.00	2400.00	2380.50	12.72	238.05	238.05	7.08	4296.43	4540.12	18.63	
2500.00	2500.00	2480.50	12.72	248.05	248.05	7.24	4286.21	4540.12	17.88	
2600.00	2600.00	2580.50	12.72	258.05	258.05	7.41	4276.00	4540.12	17.19	
2700.00	2700.00	2680.50	12.72	268.05	268.05	7.58	4265.79	4540.12	16.55	
2800.00	2800.00	2780.50	12.72	278.05	278.05	7.76	4255.57	4540.12	15.96	
2900.00	2900.00	2880.50	12.72	288.05	288.05	7.93	4245.36	4540.12	15.40	
3000.00	3000.00	2980.50	12.72	298.05	298.05	8.11	4235.15	4540.12	14.89	
3100.00	3100.00	3080.50	12.72	308.05	308.05	8.30	4224.93	4540.12	14.40	
3200.00	3200.00	3180.50	12.72	318.05	318.05	8.48	4214.72	4540.12	13.95	
3300.00	3300.00	3280.50	12.72	328.05	328.05	8.67	4204.51	4540.12	13.53	
3400.00	3400.00	3380.50	12.72	338.05	338.05	8.86	4194.29	4540.12	13.13	
3500.00	3500.00	3480.50	12.72	348.05	348.05	9.05	4184.08	4540.12	12.75	
3600.00	3600.00	3580.50	12.72	358.05	358.05	9.25	4173.87	4540.12	12.40	
3700.00	3700.00	3680.50	12.72	368.05	368.05	9.44	4163.65	4540.12	12.06	
3800.00	3800.00	3780.50	12.72	378.05	378.05	9.64	4153.44	4540.12	11.74	
3900.00	3900.00	3880.50	12.72	388.05	388.05	9.85	4143.23	4540.12	11.44	
4000.00	4000.00	3980.50	12.72	398.05	398.05	10.05	4133.01	4540.12	11.15	
4100.00	4100.00	4080.50	12.72	408.05	408.05	10.26	4122.80	4540.12	10.88	
4200.00	4200.00	4180.50	12.72	418.05	418.05	10.48	4112.59	4540.12	10.62	
4300.00	4300.00	4280.50	12.72	428.05	428.05	10.69	4102.37	4540.12	10.37	
4400.00	4400.00	4380.50	12.72	438.05	438.05	10.91	4092.16	4540.12	10.14	
4500.00	4500.00	4480.50	12.72	448.05	448.05	11.13	4081.95	4540.12	9.91	
4600.00	4600.00	4580.50	12.72	458.05	458.05	11.36	4071.73	4540.12	9.69	
4700.00	4700.00	4680.50	12.72	468.05	468.05	11.59	4061.52	4540.12	9.49	
4800.00	4800.00	4780.50	12.72	478.05	478.05	11.82	4051.31	4540.12	9.29	
4900.00	4900.00	4880.50	12.72	488.05	488.05	12.06	4041.09	4540.12	9.10	
5000.00	5000.00	4980.50	12.72	498.05	498.05	12.30	4030.88	4540.12	8.92	
5100.00	5100.00	5080.50	12.72	508.05	508.05	12.54	4020.67	4540.12	8.74	
5200.00	5200.00	5180.50	12.72	518.05	518.05	12.79	4010.45	4540.12	8.57	
5300.00	5300.00	5280.50	12.72	528.05	528.05	13.04	4000.24	4540.12	8.41	
5400.00	5400.00	5380.50	12.72	538.05	538.05	13.30	3990.03	4540.12	8.25	
5500.00	5500.00	5480.50	12.72	548.05	548.05	13.55	3979.81	4540.12	8.10	
5600.00	5600.00	5580.50	12.72	558.05	558.05	13.82	3969.60	4540.12	7.96	
5700.00	5700.00	5680.50	12.72	568.05	568.05	14.09	3959.39	4540.12	7.82	
5800.00	5800.00	5780.50	12.72	578.05	578.05	14.36	3949.17	4540.12	7.68	
5900.00	5900.00	5880.50	12.72	588.05	588.05	14.63	3938.96	4540.12	7.55	
6000.00	6000.00	5980.50	12.72	598.05	598.05	14.91	3928.75	4540.12	7.43	
6100.00	6100.00	6080.50	12.72	608.05	608.05	15.20	3918.53	4540.12	7.30	
6200.00	6200.00	6180.50	12.72	618.05	618.05	15.49	3908.32	4540.12	7.19	
6300.00	6300.00	6280.50	12.72	628.05	628.05	15.78	3898.11	4540.12	7.07	
6400.00	6400.00	6380.50	12.72	638.05	638.05	16.08	3887.89	4540.12	6.96	
6500.00	6500.00	6480.50	12.72	648.05	648.05	16.39	3877.68	4540.12	6.85	
6600.00	6600.00	6580.50	12.72	658.05	658.05	16.70	3867.47	4540.12	6.75	
6700.00	6700.00	6680.50	12.72	668.05	668.05	17.01	3857.25	4540.12	6.65	

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	6780.50	12.72	678.05	678.05	17.33	3847.04	4540.12	6.55	
6900.00	6900.00	6880.50	12.72	688.05	688.05	17.65	3836.83	4540.12	6.46	
7000.00	7000.00	6980.50	12.72	698.05	698.05	17.98	3826.61	4540.12	6.36	
7100.00	7100.00	7080.50	12.72	708.05	708.05	18.31	3816.40	4540.12	6.27	
7200.00	7200.00	7180.50	12.72	718.05	718.05	18.65	3806.19	4540.12	6.19	
7300.00	7300.00	7280.50	12.72	728.05	728.05	18.99	3795.97	4540.12	6.10	
7400.00	7400.00	7380.50	12.72	738.05	738.05	19.34	3785.76	4540.12	6.02	
7500.00	7500.00	7480.50	12.72	748.05	748.05	19.69	3775.55	4540.12	5.94	
7600.00	7600.00	7580.50	12.72	758.05	758.05	20.05	3765.33	4540.12	5.86	
7700.00	7700.00	7680.50	12.72	768.05	768.05	20.42	3755.12	4540.12	5.78	
7800.00	7800.00	7780.50	12.72	778.05	778.05	20.79	3744.91	4540.12	5.71	
7900.00	7900.00	7880.50	12.72	788.05	788.05	21.16	3734.69	4540.12	5.64	
8000.00	8000.00	7980.50	12.72	798.05	798.05	21.54	3724.48	4540.12	5.57	
8100.00	8100.00	8080.50	12.72	808.05	808.05	21.93	3714.27	4540.12	5.50	
8200.00	8200.00	8180.50	12.72	818.05	818.05	22.32	3704.05	4540.12	5.43	
8300.00	8300.00	8280.50	12.72	828.05	828.05	22.72	3693.84	4540.12	5.36	
8400.00	8400.00	8380.50	12.72	838.05	838.05	23.12	3683.63	4540.12	5.30	
8500.00	8500.00	8480.50	12.72	848.05	848.05	23.53	3673.41	4540.12	5.24	
8600.00	8600.00	8580.50	12.72	858.05	858.05	23.94	3663.20	4540.12	5.18	
8700.00	8700.00	8680.50	12.72	868.05	868.05	24.36	3652.99	4540.12	5.12	
8800.00	8800.00	8780.50	12.72	878.05	878.05	24.78	3642.77	4540.12	5.06	
8900.00	8900.00	8880.50	12.72	888.05	888.05	25.21	3632.56	4540.12	5.00	
9000.00	9000.00	8980.50	12.72	898.05	898.05	25.65	3622.35	4540.12	4.95	
9100.00	9100.00	9080.50	12.72	908.05	908.05	26.09	3612.13	4540.12	4.89	
9200.00	9200.00	9180.50	12.72	918.05	918.05	26.54	3601.92	4540.12	4.84	
9300.00	9300.00	9280.50	12.72	928.05	928.05	26.99	3591.71	4540.12	4.79	
9400.00	9400.00	9380.50	12.72	938.05	938.05	27.45	3581.49	4540.12	4.74	
9500.00	9500.00	9480.50	12.72	948.05	948.05	27.92	3571.28	4540.12	4.69	
9600.00	9600.00	9580.50	12.72	958.05	958.05	28.39	3561.07	4540.12	4.64	
9700.00	9700.00	9680.50	12.72	968.05	968.05	28.86	3550.85	4540.12	4.59	
9800.00	9800.00	9780.50	12.72	978.05	978.05	29.35	3540.64	4540.12	4.54	
9900.00	9900.00	9880.50	12.72	988.05	988.05	29.84	3530.43	4540.12	4.50	
10000.00	10000.00	9980.50	12.72	998.05	998.05	30.33	3520.22	4540.12	4.45	
10100.00	10100.00	10080.50	12.72	1008.05	1008.05	30.83	3510.00	4540.12	4.41	
10200.00	10200.00	10180.50	12.72	1018.05	1018.05	31.34	3499.79	4540.12	4.36	
10300.00	10300.00	10280.50	12.72	1028.05	1028.05	31.85	3489.58	4540.12	4.32	
10400.00	10400.00	10380.50	12.72	1038.05	1038.05	32.37	3479.36	4540.12	4.28	
10500.00	10500.00	10480.50	12.72	1048.05	1048.05	32.89	3469.15	4540.12	4.24	
10600.00	10600.00	10580.50	12.72	1058.05	1058.05	33.42	3458.94	4540.12	4.20	
10700.00	10700.00	10680.50	12.72	1068.05	1068.05	33.96	3448.72	4540.12	4.16	
10800.00	10800.00	10780.50	12.72	1078.05	1078.05	34.50	3438.51	4540.12	4.12	
10900.00	10899.80	10880.30	13.36	1088.03	1088.03	35.04	3423.79	4535.60	4.08	
11000.00	10997.39	10977.89	13.92	1097.79	1097.79	35.58	3393.18	4514.90	4.02	
11100.00	11089.79	11070.29	15.03	1107.03	1107.03	36.10	3346.99	4478.04	3.96	
11200.00	11174.21	11154.71	16.90	1115.47	1115.47	36.58	3286.63	4426.15	3.88	
11300.00	11248.09	11228.59	19.90	1122.86	1122.86	37.00	3214.09	4360.85	3.80	
11400.00	11309.17	11289.67	24.84	1128.97	1128.97	37.35	3131.47	4284.15	3.72	
11500.00	11355.60	11336.10	33.51	1133.61	1133.61	37.62	3041.37	4198.43	3.63	
11600.00	11385.97	11366.47	49.96	1136.65	1136.65	37.79	2946.58	4106.32	3.54	
11700.00	11399.36	11379.86	80.03	1137.99	1137.99	37.87	2850.03	4010.65	3.46	
11800.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	2754.01	3914.16	3.37	
11900.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	2657.32	3817.85	3.29	
12000.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	2560.44	3721.72	3.20	
12100.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	2463.78	3625.81	3.12	
12200.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	2367.38	3530.13	3.04	
12300.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	2271.26	3434.69	2.95	
12400.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	2175.45	3339.52	2.87	
12500.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	2080.00	3244.64	2.79	

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	11380.50	90.00	1138.05	1138.05	37.87	1984.87	3150.07	2.70	
12700.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1890.13	3055.85	2.62	
12800.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1795.87	2962.02	2.54	
12900.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1702.18	2868.59	2.46	SF(Lo)
13000.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1609.07	2775.63	2.38	SF(Lo)
13100.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1516.65	2683.17	2.30	SF(Lo)
13200.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1424.87	2591.27	2.22	SF(Lo)
13300.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1334.02	2499.99	2.14	SF(Lo)
13400.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1244.16	2409.41	2.07	SF(Lo)
13500.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1151.93	2319.60	1.99	SF(Lo)
13600.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	1060.57	2230.66	1.91	SF(Lo)
13700.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	970.67	2142.69	1.83	SF(Lo)
13800.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	882.13	2055.82	1.75	SF(Lo)
13900.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	795.39	1970.20	1.68	SF(Lo)
14000.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	710.87	1886.00	1.60	SF(Lo)
14100.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	628.75	1803.41	1.54	SF(Lo)
14200.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	544.23	1722.66	1.46	SF(Med)
14300.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	461.80	1644.03	1.39	SF(Med)
14400.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	383.19	1567.84	1.32	SF(Med)
14500.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	309.12	1494.46	1.26	SF(Med)
14600.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	236.09	1424.33	1.20	SF(Med)
14700.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	164.30	1357.94	1.14	SF(Med)
14800.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	100.27	1295.87	1.08	SF(Med)
14900.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	40.17	1238.78	1.03	SF(Med)
15000.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-17.08	1187.38	0.99	SF(Hi)
15100.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-61.56	1142.43	0.95	SF(Hi)
15200.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-107.18	1104.73	0.91	SF(Hi)
15300.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-136.30	1075.05	0.89	SF(Hi)
15400.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-164.45	1054.04	0.87	SF(Hi)
15500.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-175.32	1042.26	0.86	SF(Hi)
15600.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-183.04	1039.99	0.85	SF(Hi)
15700.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-174.84	1047.32	0.86	SF(Hi)
15800.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-160.25	1064.03	0.87	SF(Hi)
15900.00	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-133.22	1089.70	0.89	SF(Hi)
15905.28	11400.00	11380.50	90.00	1138.05	1138.05	37.87	-131.89	1091.29	0.89	SF(Hi)
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	41.50	284.26	4.15	4.15	1.15	1806.41	1811.19	379.10	
100.00	100.00	141.50	284.26	14.15	14.15	3.92	1796.33	1811.19	121.89	
200.00	200.00	241.50	284.26	24.15	24.15	4.64	1786.14	1811.19	72.29	
300.00	300.00	341.50	284.26	34.15	34.15	4.67	1775.94	1811.19	51.38	
400.00	400.00	441.50	284.26	44.15	44.15	4.72	1765.74	1811.19	39.85	
500.00	500.00	541.50	284.26	54.15	54.15	4.78	1755.55	1811.19	32.55	
600.00	600.00	641.50	284.26	64.15	64.15	4.85	1745.35	1811.19	27.51	
700.00	700.00	741.50	284.26	74.15	74.15	4.93	1735.15	1811.19	23.82	
800.00	800.00	841.50	284.26	84.15	84.15	5.01	1724.96	1811.19	21.00	
900.00	900.00	941.50	284.26	94.15	94.15	5.11	1714.76	1811.19	18.78	
1000.00	1000.00	1041.50	284.26	104.15	104.15	5.21	1704.56	1811.19	16.99	
1100.00	1100.00	1141.50	284.26	114.15	114.15	5.32	1694.37	1811.19	15.50	
1200.00	1200.00	1241.50	284.26	124.15	124.15	5.44	1684.17	1811.19	14.26	
1300.00	1300.00	1341.50	284.26	134.15	134.15	5.56	1673.97	1811.19	13.20	
1400.00	1400.00	1441.50	284.26	144.15	144.15	5.69	1663.78	1811.19	12.29	
1500.00	1500.00	1541.50	284.26	154.15	154.15	5.82	1653.58	1811.19	11.49	
1600.00	1600.00	1641.50	284.26	164.15	164.15	5.96	1643.38	1811.19	10.79	
1700.00	1700.00	1741.50	284.26	174.15	174.15	6.10	1633.19	1811.19	10.18	
1800.00	1800.00	1841.50	284.26	184.15	184.15	6.24	1622.99	1811.19	9.62	
1900.00	1900.00	1941.50	284.26	194.15	194.15	6.39	1612.79	1811.19	9.13	

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	2041.50	284.26	204.15	204.15	6.54	1602.60	1811.19	8.68	
2100.00	2100.00	2141.50	284.26	214.15	214.15	6.70	1592.40	1811.19	8.28	
2200.00	2200.00	2241.50	284.26	224.15	224.15	6.86	1582.20	1811.19	7.91	
2300.00	2300.00	2341.50	284.26	234.15	234.15	7.02	1572.01	1811.19	7.57	
2400.00	2400.00	2441.50	284.26	244.15	244.15	7.18	1561.81	1811.19	7.26	
2500.00	2500.00	2541.50	284.26	254.15	254.15	7.35	1551.62	1811.19	6.98	
2600.00	2600.00	2641.50	284.26	264.15	264.15	7.52	1541.42	1811.19	6.71	
2700.00	2700.00	2741.50	284.26	274.15	274.15	7.69	1531.22	1811.19	6.47	
2800.00	2800.00	2841.50	284.26	284.15	284.15	7.87	1521.03	1811.19	6.24	
2900.00	2900.00	2941.50	284.26	294.15	294.15	8.05	1510.83	1811.19	6.03	
3000.00	3000.00	3041.50	284.26	304.15	304.15	8.23	1500.63	1811.19	5.83	
3100.00	3100.00	3141.50	284.26	314.15	314.15	8.41	1490.44	1811.19	5.65	
3200.00	3200.00	3241.50	284.26	324.15	324.15	8.60	1480.24	1811.19	5.47	
3300.00	3300.00	3341.50	284.26	334.15	334.15	8.78	1470.04	1811.19	5.31	
3400.00	3400.00	3441.50	284.26	344.15	344.15	8.97	1459.85	1811.19	5.16	
3500.00	3500.00	3541.50	284.26	354.15	354.15	9.17	1449.65	1811.19	5.01	
3600.00	3600.00	3641.50	284.26	364.15	364.15	9.36	1439.45	1811.19	4.87	
3700.00	3700.00	3741.50	284.26	374.15	374.15	9.56	1429.26	1811.19	4.74	
3800.00	3800.00	3841.50	284.26	384.15	384.15	9.76	1419.06	1811.19	4.62	
3900.00	3900.00	3941.50	284.26	394.15	394.15	9.97	1408.86	1811.19	4.50	
4000.00	4000.00	4041.50	284.26	404.15	404.15	10.18	1398.67	1811.19	4.39	
4100.00	4100.00	4141.50	284.26	414.15	414.15	10.39	1388.47	1811.19	4.28	
4200.00	4200.00	4241.50	284.26	424.15	424.15	10.60	1378.27	1811.19	4.18	
4300.00	4300.00	4341.50	284.26	434.15	434.15	10.82	1368.08	1811.19	4.09	
4400.00	4400.00	4441.50	284.26	444.15	444.15	11.04	1357.88	1811.19	4.00	
4500.00	4500.00	4541.50	284.26	454.15	454.15	11.26	1347.69	1811.19	3.91	
4600.00	4600.00	4641.50	284.26	464.15	464.15	11.49	1337.49	1811.19	3.82	
4700.00	4700.00	4741.50	284.26	474.15	474.15	11.72	1327.29	1811.19	3.74	
4800.00	4800.00	4841.50	284.26	484.15	484.15	11.95	1317.10	1811.19	3.67	
4900.00	4900.00	4941.50	284.26	494.15	494.15	12.19	1306.90	1811.19	3.59	
5000.00	5000.00	5041.50	284.26	504.15	504.15	12.43	1296.70	1811.19	3.52	
5100.00	5100.00	5141.50	284.26	514.15	514.15	12.67	1286.51	1811.19	3.45	
5200.00	5200.00	5241.50	284.26	524.15	524.15	12.92	1276.31	1811.19	3.39	
5300.00	5300.00	5341.50	284.26	534.15	534.15	13.17	1266.11	1811.19	3.32	
5400.00	5400.00	5441.50	284.26	544.15	544.15	13.43	1255.92	1811.19	3.26	
5500.00	5500.00	5541.50	284.26	554.15	554.15	13.69	1245.72	1811.19	3.20	
5600.00	5600.00	5641.50	284.26	564.15	564.15	13.95	1235.52	1811.19	3.15	
5700.00	5700.00	5741.50	284.26	574.15	574.15	14.22	1225.33	1811.19	3.09	
5800.00	5800.00	5841.50	284.26	584.15	584.15	14.49	1215.13	1811.19	3.04	
5900.00	5900.00	5941.50	284.26	594.15	594.15	14.77	1204.93	1811.19	2.99	
6000.00	6000.00	6041.50	284.26	604.15	604.15	15.05	1194.74	1811.19	2.94	
6100.00	6100.00	6141.50	284.26	614.15	614.15	15.34	1184.54	1811.19	2.89	
6200.00	6200.00	6241.50	284.26	624.15	624.15	15.63	1174.34	1811.19	2.84	
6300.00	6300.00	6341.50	284.26	634.15	634.15	15.92	1164.15	1811.19	2.80	
6400.00	6400.00	6441.50	284.26	644.15	644.15	16.22	1153.95	1811.19	2.76	
6500.00	6500.00	6541.50	284.26	654.15	654.15	16.53	1143.75	1811.19	2.71	
6600.00	6600.00	6641.50	284.26	664.15	664.15	16.84	1133.56	1811.19	2.67	
6700.00	6700.00	6741.50	284.26	674.15	674.15	17.15	1123.36	1811.19	2.63	
6800.00	6800.00	6841.50	284.26	684.15	684.15	17.47	1113.17	1811.19	2.59	
6900.00	6900.00	6941.50	284.26	694.15	694.15	17.80	1102.97	1811.19	2.56	
7000.00	7000.00	7041.50	284.26	704.15	704.15	18.12	1092.77	1811.19	2.52	
7100.00	7100.00	7141.50	284.26	714.15	714.15	18.46	1082.58	1811.19	2.49	SF(Lo)
7200.00	7200.00	7241.50	284.26	724.15	724.15	18.80	1072.38	1811.19	2.45	SF(Lo)
7300.00	7300.00	7341.50	284.26	734.15	734.15	19.14	1062.18	1811.19	2.42	SF(Lo)
7400.00	7400.00	7441.50	284.26	744.15	744.15	19.49	1051.99	1811.19	2.39	SF(Lo)
7500.00	7500.00	7541.50	284.26	754.15	754.15	19.85	1041.79	1811.19	2.35	SF(Lo)
7600.00	7600.00	7641.50	284.26	764.15	764.15	20.21	1031.59	1811.19	2.32	SF(Lo)
7700.00	7700.00	7741.50	284.26	774.15	774.15	20.57	1021.40	1811.19	2.29	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
7800.00	7800.00	7841.50	284.26	784.15	784.15	20.94	1011.20	1811.19	2.26	SF(Lo)
7900.00	7900.00	7941.50	284.26	794.15	794.15	21.32	1001.00	1811.19	2.24	SF(Lo)
8000.00	8000.00	8041.50	284.26	804.15	804.15	21.70	990.81	1811.19	2.21	SF(Lo)
8100.00	8100.00	8141.50	284.26	814.15	814.15	22.09	980.61	1811.19	2.18	SF(Lo)
8200.00	8200.00	8241.50	284.26	824.15	824.15	22.48	970.41	1811.19	2.15	SF(Lo)
8300.00	8300.00	8341.50	284.26	834.15	834.15	22.88	960.22	1811.19	2.13	SF(Lo)
8400.00	8400.00	8441.50	284.26	844.15	844.15	23.28	950.02	1811.19	2.10	SF(Lo)
8500.00	8500.00	8541.50	284.26	854.15	854.15	23.69	939.82	1811.19	2.08	SF(Lo)
8600.00	8600.00	8641.50	284.26	864.15	864.15	24.10	929.63	1811.19	2.05	SF(Lo)
8700.00	8700.00	8741.50	284.26	874.15	874.15	24.52	919.43	1811.19	2.03	SF(Lo)
8800.00	8800.00	8841.50	284.26	884.15	884.15	24.95	909.23	1811.19	2.01	SF(Lo)
8900.00	8900.00	8941.50	284.26	894.15	894.15	25.38	899.04	1811.19	1.99	SF(Lo)
9000.00	9000.00	9041.50	284.26	904.15	904.15	25.82	888.84	1811.19	1.96	SF(Lo)
9100.00	9100.00	9141.50	284.26	914.15	914.15	26.26	878.65	1811.19	1.94	SF(Lo)
9200.00	9200.00	9241.50	284.26	924.15	924.15	26.71	868.45	1811.19	1.92	SF(Lo)
9300.00	9300.00	9341.50	284.26	934.15	934.15	27.16	858.25	1811.19	1.90	SF(Lo)
9400.00	9400.00	9441.50	284.26	944.15	944.15	27.63	848.06	1811.19	1.88	SF(Lo)
9500.00	9500.00	9541.50	284.26	954.15	954.15	28.09	837.86	1811.19	1.86	SF(Lo)
9600.00	9600.00	9641.50	284.26	964.15	964.15	28.56	827.66	1811.19	1.84	SF(Lo)
9700.00	9700.00	9741.50	284.26	974.15	974.15	29.04	817.47	1811.19	1.82	SF(Lo)
9800.00	9800.00	9841.50	284.26	984.15	984.15	29.52	807.27	1811.19	1.80	SF(Lo)
9900.00	9900.00	9941.50	284.26	994.15	994.15	30.02	797.07	1811.19	1.79	SF(Lo)
10000.00	10000.00	10041.50	284.26	1004.15	1004.15	30.51	786.88	1811.19	1.77	SF(Lo)
10100.00	10100.00	10141.50	284.26	1014.15	1014.15	31.01	776.68	1811.19	1.75	SF(Lo)
10200.00	10200.00	10241.50	284.26	1024.15	1024.15	31.52	766.48	1811.19	1.73	SF(Lo)
10300.00	10300.00	10341.50	284.26	1034.15	1034.15	32.03	756.29	1811.19	1.72	SF(Lo)
10400.00	10400.00	10441.50	284.26	1044.15	1044.15	32.55	746.09	1811.19	1.70	SF(Lo)
10500.00	10500.00	10541.50	284.26	1054.15	1054.15	33.08	735.89	1811.19	1.68	SF(Lo)
10600.00	10600.00	10641.50	284.26	1064.15	1064.15	33.61	725.70	1811.19	1.67	SF(Lo)
10700.00	10700.00	10741.50	284.26	1074.15	1074.15	34.15	715.50	1811.19	1.65	SF(Lo)
10800.00	10800.00	10841.50	284.26	1084.15	1084.15	34.69	705.30	1811.19	1.64	SF(Lo)
10900.00	10899.80	10941.30	284.53	1094.13	1094.13	35.24	693.69	1810.01	1.62	SF(Lo)
11000.00	10997.39	11038.89	283.38	1103.89	1103.89	35.78	677.65	1804.75	1.60	SF(Lo)
11100.00	11089.79	11131.29	281.43	1113.13	1113.13	36.30	658.29	1795.97	1.58	SF(Lo)
11200.00	11174.21	11215.71	278.91	1121.57	1121.57	36.78	637.75	1784.89	1.56	SF(Lo)
11300.00	11248.09	11289.59	276.14	1128.96	1128.96	37.20	618.64	1773.13	1.54	SF(Lo)
11400.00	11309.17	11350.67	273.51	1135.07	1135.07	37.55	604.03	1762.48	1.52	SF(Lo)
11500.00	11355.60	11397.10	271.39	1139.71	1139.71	37.82	590.05	1754.71	1.51	SF(Lo)
11600.00	11385.97	11427.47	270.11	1142.75	1142.75	37.99	581.40	1751.31	1.50	SF(Med)
11700.00	11399.36	11440.86	269.87	1144.09	1144.09	38.07	583.30	1753.24	1.50	SF(Med)
11800.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	590.51	1760.86	1.50	SF(Lo)
11900.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	600.84	1774.08	1.51	SF(Lo)
12000.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	620.21	1792.80	1.53	SF(Lo)
12100.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	644.89	1816.84	1.55	SF(Lo)
12200.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	670.63	1845.98	1.57	SF(Lo)
12300.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	704.19	1880.00	1.60	SF(Lo)
12400.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	745.16	1918.64	1.64	SF(Lo)
12500.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	784.93	1961.61	1.67	SF(Lo)
12600.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	830.01	2008.65	1.70	SF(Lo)
12700.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	881.11	2059.47	1.75	SF(Lo)
12800.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	937.62	2113.81	1.80	SF(Lo)
12900.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	992.84	2171.39	1.84	SF(Lo)
13000.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	1051.28	2231.97	1.89	SF(Lo)
13100.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	1114.01	2295.31	1.94	SF(Lo)
13200.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	1180.59	2361.19	2.00	SF(Lo)
13300.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	1250.48	2429.40	2.06	SF(Lo)
13400.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	1319.74	2499.75	2.12	SF(Lo)
13500.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	1390.00	2572.06	2.18	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	11441.50	270.00	1144.15	1144.15	38.08	1463.11	2646.18	2.24	SF(Lo)
13700.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	1538.38	2721.95	2.30	SF(Lo)
13800.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	1615.99	2799.24	2.37	SF(Lo)
13900.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	1695.48	2877.94	2.43	SF(Lo)
14000.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	1776.72	2957.92	2.50	
14100.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	1858.33	3039.08	2.57	
14200.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	1938.88	3121.34	2.64	
14300.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	2020.92	3204.61	2.71	
14400.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	2104.28	3288.81	2.78	
14500.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	2188.86	3373.88	2.85	
14600.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	2274.53	3459.74	2.92	
14700.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	2361.19	3546.35	2.99	
14800.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	2448.76	3633.64	3.07	
14900.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	2537.16	3721.57	3.14	
15000.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	2626.31	3810.10	3.22	
15100.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	2716.15	3899.18	3.30	
15200.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	2806.62	3988.78	3.37	
15300.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	2897.32	4078.86	3.45	
15400.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	2986.83	4169.40	3.53	
15500.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	3076.92	4260.36	3.60	
15600.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	3167.55	4351.71	3.67	
15700.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	3258.68	4443.44	3.75	
15800.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	3350.27	4535.52	3.83	
15900.00	11400.00	11441.50	270.00	1144.15	1144.15	38.08	3442.30	4627.92	3.90	
15905.28	11400.00	11441.50	270.00	1144.15	1144.15	38.08	3447.17	4632.81	3.91	

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	0.00	13.50	326.85	1.35	1.35	0.38	877.51	879.50	442.55	
100.00	100.00	113.50	326.85	11.35	11.35	3.14	867.42	879.50	72.80	
200.00	200.00	213.50	326.85	21.35	21.35	4.63	857.21	879.50	39.46	
300.00	300.00	313.50	326.85	31.35	31.35	4.66	847.00	879.50	27.06	
400.00	400.00	413.50	326.85	41.35	41.35	4.71	836.79	879.50	20.59	
500.00	500.00	513.50	326.85	51.35	51.35	4.76	826.58	879.50	16.62	
600.00	600.00	613.50	326.85	61.35	61.35	4.83	816.37	879.50	13.93	
700.00	700.00	713.50	326.85	71.35	71.35	4.90	806.16	879.50	11.99	
800.00	800.00	813.50	326.85	81.35	81.35	4.99	795.95	879.50	10.53	
900.00	900.00	913.50	326.85	91.35	91.35	5.08	785.74	879.50	9.38	
1000.00	1000.00	1013.50	326.85	101.35	101.35	5.18	775.53	879.50	8.46	
1100.00	1100.00	1113.50	326.85	111.35	111.35	5.29	765.32	879.50	7.70	
1200.00	1200.00	1213.50	326.85	121.35	121.35	5.40	755.11	879.50	7.07	
1300.00	1300.00	1313.50	326.85	131.35	131.35	5.52	744.90	879.50	6.53	
1400.00	1400.00	1413.50	326.85	141.35	141.35	5.65	734.69	879.50	6.07	
1500.00	1500.00	1513.50	326.85	151.35	151.35	5.78	724.49	879.50	5.67	
1600.00	1600.00	1613.50	326.85	161.35	161.35	5.92	714.28	879.50	5.32	
1700.00	1700.00	1713.50	326.85	171.35	171.35	6.06	704.07	879.50	5.01	
1800.00	1800.00	1813.50	326.85	181.35	181.35	6.20	693.86	879.50	4.74	
1900.00	1900.00	1913.50	326.85	191.35	191.35	6.35	683.65	879.50	4.49	
2000.00	2000.00	2013.50	326.85	201.35	201.35	6.50	673.44	879.50	4.27	
2100.00	2100.00	2113.50	326.85	211.35	211.35	6.65	663.23	879.50	4.07	
2200.00	2200.00	2213.50	326.85	221.35	221.35	6.81	653.02	879.50	3.88	
2300.00	2300.00	2313.50	326.85	231.35	231.35	6.97	642.81	879.50	3.72	
2400.00	2400.00	2413.50	326.85	241.35	241.35	7.14	632.60	879.50	3.56	
2500.00	2500.00	2513.50	326.85	251.35	251.35	7.30	622.39	879.50	3.42	
2600.00	2600.00	2613.50	326.85	261.35	261.35	7.47	612.18	879.50	3.29	
2700.00	2700.00	2713.50	326.85	271.35	271.35	7.64	601.97	879.50	3.17	
2800.00	2800.00	2813.50	326.85	281.35	281.35	7.82	591.76	879.50	3.06	
2900.00	2900.00	2913.50	326.85	291.35	291.35	8.00	581.56	879.50	2.95	

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	3013.50	326.85	301.35	301.35	8.17	571.35	879.50	2.85	
3100.00	3100.00	3113.50	326.85	311.35	311.35	8.36	561.14	879.50	2.76	
3200.00	3200.00	3213.50	326.85	321.35	321.35	8.54	550.93	879.50	2.68	
3300.00	3300.00	3313.50	326.85	331.35	331.35	8.73	540.72	879.50	2.60	
3400.00	3400.00	3413.50	326.85	341.35	341.35	8.92	530.51	879.50	2.52	
3500.00	3500.00	3513.50	326.85	351.35	351.35	9.11	520.30	879.50	2.45	SF(Lo)
3600.00	3600.00	3613.50	326.85	361.35	361.35	9.31	510.09	879.50	2.38	SF(Lo)
3700.00	3700.00	3713.50	326.85	371.35	371.35	9.51	499.88	879.50	2.32	SF(Lo)
3800.00	3800.00	3813.50	326.85	381.35	381.35	9.71	489.67	879.50	2.26	SF(Lo)
3900.00	3900.00	3913.50	326.85	391.35	391.35	9.91	479.46	879.50	2.20	SF(Lo)
4000.00	4000.00	4013.50	326.85	401.35	401.35	10.12	469.25	879.50	2.14	SF(Lo)
4100.00	4100.00	4113.50	326.85	411.35	411.35	10.33	459.04	879.50	2.09	SF(Lo)
4200.00	4200.00	4213.50	326.85	421.35	421.35	10.54	448.83	879.50	2.04	SF(Lo)
4300.00	4300.00	4313.50	326.85	431.35	431.35	10.76	438.63	879.50	1.99	SF(Lo)
4400.00	4400.00	4413.50	326.85	441.35	441.35	10.98	428.42	879.50	1.95	SF(Lo)
4500.00	4500.00	4513.50	326.85	451.35	451.35	11.20	418.21	879.50	1.91	SF(Lo)
4600.00	4600.00	4613.50	326.85	461.35	461.35	11.43	408.00	879.50	1.87	SF(Lo)
4700.00	4700.00	4713.50	326.85	471.35	471.35	11.66	397.79	879.50	1.83	SF(Lo)
4800.00	4800.00	4813.50	326.85	481.35	481.35	11.89	387.58	879.50	1.79	SF(Lo)
4900.00	4900.00	4913.50	326.85	491.35	491.35	12.13	377.37	879.50	1.75	SF(Lo)
5000.00	5000.00	5013.50	326.85	501.35	501.35	12.37	367.16	879.50	1.72	SF(Lo)
5100.00	5100.00	5113.50	326.85	511.35	511.35	12.61	356.95	879.50	1.68	SF(Lo)
5200.00	5200.00	5213.50	326.85	521.35	521.35	12.86	346.74	879.50	1.65	SF(Lo)
5300.00	5300.00	5313.50	326.85	531.35	531.35	13.11	336.53	879.50	1.62	SF(Lo)
5400.00	5400.00	5413.50	326.85	541.35	541.35	13.37	326.32	879.50	1.59	SF(Lo)
5500.00	5500.00	5513.50	326.85	551.35	551.35	13.63	316.11	879.50	1.56	SF(Lo)
5600.00	5600.00	5613.50	326.85	561.35	561.35	13.89	305.90	879.50	1.53	SF(Lo)
5700.00	5700.00	5713.50	326.85	571.35	571.35	14.16	295.70	879.50	1.51	SF(Lo)
5800.00	5800.00	5813.50	326.85	581.35	581.35	14.43	285.49	879.50	1.48	SF(Med)
5900.00	5900.00	5913.50	326.85	591.35	591.35	14.71	275.28	879.50	1.46	SF(Med)
6000.00	6000.00	6013.50	326.85	601.35	601.35	14.99	265.07	879.50	1.43	SF(Med)
6100.00	6100.00	6113.50	326.85	611.35	611.35	15.28	254.86	879.50	1.41	SF(Med)
6200.00	6200.00	6213.50	326.85	621.35	621.35	15.57	244.65	879.50	1.39	SF(Med)
6300.00	6300.00	6313.50	326.85	631.35	631.35	15.86	234.44	879.50	1.36	SF(Med)
6400.00	6400.00	6413.50	326.85	641.35	641.35	16.16	224.23	879.50	1.34	SF(Med)
6500.00	6500.00	6513.50	326.85	651.35	651.35	16.46	214.02	879.50	1.32	SF(Med)
6600.00	6600.00	6613.50	326.85	661.35	661.35	16.77	203.81	879.50	1.30	SF(Med)
6700.00	6700.00	6713.50	326.85	671.35	671.35	17.09	193.60	879.50	1.28	SF(Med)
6800.00	6800.00	6813.50	326.85	681.35	681.35	17.40	183.39	879.50	1.26	SF(Med)
6900.00	6900.00	6913.50	326.85	691.35	691.35	17.73	173.18	879.50	1.25	SF(Med)
7000.00	7000.00	7013.50	326.85	701.35	701.35	18.06	162.97	879.50	1.23	SF(Med)
7100.00	7100.00	7113.50	326.85	711.35	711.35	18.39	152.77	879.50	1.21	SF(Med)
7200.00	7200.00	7213.50	326.85	721.35	721.35	18.73	142.56	879.50	1.19	SF(Med)
7300.00	7300.00	7313.50	326.85	731.35	731.35	19.07	132.35	879.50	1.18	SF(Med)
7400.00	7400.00	7413.50	326.85	741.35	741.35	19.42	122.14	879.50	1.16	SF(Med)
7500.00	7500.00	7513.50	326.85	751.35	751.35	19.78	111.93	879.50	1.15	SF(Med)
7600.00	7600.00	7613.50	326.85	761.35	761.35	20.14	101.72	879.50	1.13	SF(Med)
7700.00	7700.00	7713.50	326.85	771.35	771.35	20.50	91.51	879.50	1.12	SF(Med)
7800.00	7800.00	7813.50	326.85	781.35	781.35	20.87	81.30	879.50	1.10	SF(Med)
7900.00	7900.00	7913.50	326.85	791.35	791.35	21.25	71.09	879.50	1.09	SF(Med)
8000.00	8000.00	8013.50	326.85	801.35	801.35	21.63	60.88	879.50	1.07	SF(Med)
8100.00	8100.00	8113.50	326.85	811.35	811.35	22.01	50.67	879.50	1.06	SF(Med)
8200.00	8200.00	8213.50	326.85	821.35	821.35	22.41	40.46	879.50	1.05	SF(Med)
8300.00	8300.00	8313.50	326.85	831.35	831.35	22.80	30.25	879.50	1.04	SF(Med)
8400.00	8400.00	8413.50	326.85	841.35	841.35	23.21	20.04	879.50	1.02	SF(Med)
8500.00	8500.00	8513.50	326.85	851.35	851.35	23.61	9.84	879.50	1.01	SF(Med)
8600.00	8600.00	8613.50	326.85	861.35	861.35	24.03	-0.37	879.50	1.00	SF(Hi)
8700.00	8700.00	8713.50	326.85	871.35	871.35	24.45	-10.58	879.50	0.99	SF(Hi)

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	8813.50	326.85	881.35	881.35	24.87	-20.79	879.50	0.98	SF(Hi)
8900.00	8836.50	8850.00	326.85	885.00	885.00	25.03	-20.03	881.79	0.98	SF(Hi)
9000.00	8836.50	8850.00	326.85	885.00	885.00	25.03	5.30	894.56	1.01	SF(Med)
9100.00	8836.50	8850.00	326.85	885.00	885.00	25.03	51.19	918.12	1.06	SF(Med)
9200.00	8836.50	8850.00	326.85	885.00	885.00	25.03	114.79	951.65	1.14	SF(Med)
9300.00	8836.50	8850.00	326.85	885.00	885.00	25.03	192.36	994.16	1.24	SF(Med)
9400.00	8836.50	8850.00	326.85	885.00	885.00	25.03	280.71	1044.53	1.37	SF(Med)
9500.00	8836.50	8850.00	326.85	885.00	885.00	25.03	376.76	1101.70	1.52	SF(Lo)
9600.00	8836.50	8850.00	326.85	885.00	885.00	25.03	478.06	1164.67	1.70	SF(Lo)
9700.00	8836.50	8850.00	326.85	885.00	885.00	25.03	582.90	1232.54	1.90	SF(Lo)
9800.00	8836.50	8850.00	326.85	885.00	885.00	25.03	689.89	1304.55	2.12	SF(Lo)
9900.00	8836.50	8850.00	326.85	885.00	885.00	25.03	798.07	1380.05	2.37	SF(Lo)
10000.00	8836.50	8850.00	326.85	885.00	885.00	25.03	906.91	1458.51	2.64	
10100.00	8836.50	8850.00	326.85	885.00	885.00	25.03	1015.97	1539.46	2.94	
10200.00	8836.50	8850.00	326.85	885.00	885.00	25.03	1124.88	1622.54	3.26	
10300.00	8836.50	8850.00	326.85	885.00	885.00	25.03	1233.54	1707.44	3.60	
10400.00	8836.50	8850.00	326.85	885.00	885.00	25.03	1341.88	1793.89	3.97	
10500.00	8836.50	8850.00	326.85	885.00	885.00	25.03	1449.83	1881.69	4.36	
10600.00	8836.50	8850.00	326.85	885.00	885.00	25.03	1557.37	1970.65	4.77	
10700.00	8836.50	8850.00	326.85	885.00	885.00	25.03	1664.41	2060.62	5.20	
10800.00	8836.50	8850.00	326.85	885.00	885.00	25.03	1771.02	2151.48	5.66	
10900.00	8836.50	8850.00	334.45	885.00	885.00	25.03	1876.88	2241.40	6.15	
11000.00	8836.50	8850.00	340.30	885.00	885.00	25.03	1979.73	2324.92	6.74	
11100.00	8836.50	8850.00	343.82	885.00	885.00	25.03	2076.70	2400.08	7.42	
11200.00	8836.50	8850.00	346.07	885.00	885.00	25.03	2164.89	2465.48	8.20	
11300.00	8836.50	8850.00	347.56	885.00	885.00	25.03	2243.56	2519.95	9.12	
11400.00	8836.50	8850.00	348.54	885.00	885.00	25.03	2311.23	2562.58	10.20	
11500.00	8836.50	8850.00	349.15	885.00	885.00	25.03	2363.59	2592.68	11.32	
11600.00	8836.50	8850.00	349.47	885.00	885.00	25.03	2400.83	2609.79	12.49	
11700.00	8836.50	8850.00	349.54	885.00	885.00	25.03	2420.22	2613.64	13.51	
11800.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2424.65	2608.73	14.17	
11900.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2425.83	2607.01	14.39	
12000.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2424.11	2609.13	14.10	
12100.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2419.82	2615.07	13.39	
12200.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2413.83	2624.82	12.44	
12300.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2407.59	2638.32	11.43	
12400.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2402.95	2655.52	10.51	
12500.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2400.01	2676.34	9.69	
12600.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2399.91	2700.72	8.98	
12700.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2402.15	2728.54	8.36	
12800.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2408.66	2759.71	7.86	
12900.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2419.09	2794.11	7.45	
13000.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2431.44	2831.62	7.08	
13100.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2447.92	2872.13	6.77	
13200.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2468.39	2915.51	6.52	
13300.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2492.58	2961.63	6.31	
13400.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2520.50	3010.36	6.15	
13500.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2551.95	3061.59	6.01	
13600.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2586.86	3115.19	5.90	
13700.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2623.73	3171.03	5.79	
13800.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2663.72	3229.01	5.71	
13900.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2706.68	3289.01	5.65	
14000.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2752.57	3350.91	5.60	
14100.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2801.00	3414.62	5.56	
14200.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2852.13	3480.05	5.54	
14300.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2905.65	3547.08	5.53	
14400.00	8836.50	8850.00	349.52	885.00	885.00	25.03	2961.39	3615.64	5.53	
14500.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3019.33	3685.63	5.53	

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	8836.50	8850.00	349.52	885.00	885.00	25.03	3079.34	3756.98	5.54	
14700.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3141.29	3829.62	5.56	
14800.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3205.06	3903.46	5.59	
14900.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3270.56	3978.45	5.62	
15000.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3337.67	4054.52	5.66	
15100.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3406.25	4131.61	5.70	
15200.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3476.27	4209.66	5.74	
15300.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3547.65	4288.62	5.79	
15400.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3620.31	4368.45	5.84	
15500.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3694.19	4449.09	5.89	
15600.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3769.20	4530.50	5.95	
15700.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3845.29	4612.65	6.01	
15800.00	8836.50	8850.00	349.52	885.00	885.00	25.03	3922.40	4695.48	6.07	
15900.00	8836.50	8850.00	349.52	885.00	885.00	25.03	4000.47	4778.98	6.14	
15905.28	8836.50	8850.00	349.52	885.00	885.00	25.03	4004.62	4783.40	6.14	

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	9.50	0.00	354.31	0.00	0.00	0.00	3113.54	3114.18	4869.31	
100.00	100.00	90.50	354.31	9.05	9.05	2.51	3104.40	3114.17	318.66	
200.00	200.00	190.50	354.31	19.05	19.05	4.62	3094.20	3114.17	155.96	
300.00	300.00	290.50	354.31	29.05	29.05	4.65	3084.01	3114.17	103.24	
400.00	400.00	390.50	354.31	39.05	39.05	4.69	3073.81	3114.17	77.16	
500.00	500.00	490.50	354.31	49.05	49.05	4.74	3063.61	3114.17	61.60	
600.00	600.00	590.50	354.31	59.05	59.05	4.81	3053.42	3114.17	51.26	
700.00	700.00	690.50	354.31	69.05	69.05	4.88	3043.22	3114.17	43.89	
800.00	800.00	790.50	354.31	79.05	79.05	4.97	3033.03	3114.17	38.38	
900.00	900.00	890.50	354.31	89.05	89.05	5.06	3022.83	3114.17	34.09	
1000.00	1000.00	990.50	354.31	99.05	99.05	5.15	3012.64	3114.17	30.67	
1100.00	1100.00	1090.50	354.31	109.05	109.05	5.26	3002.44	3114.17	27.87	
1200.00	1200.00	1190.50	354.31	119.05	119.05	5.37	2992.24	3114.17	25.54	
1300.00	1300.00	1290.50	354.31	129.05	129.05	5.49	2982.05	3114.17	23.57	
1400.00	1400.00	1390.50	354.31	139.05	139.05	5.62	2971.85	3114.17	21.88	
1500.00	1500.00	1490.50	354.31	149.05	149.05	5.75	2961.66	3114.17	20.42	
1600.00	1600.00	1590.50	354.31	159.05	159.05	5.88	2951.46	3114.17	19.14	
1700.00	1700.00	1690.50	354.31	169.05	169.05	6.02	2941.26	3114.17	18.01	
1800.00	1800.00	1790.50	354.31	179.05	179.05	6.16	2931.07	3114.17	17.01	
1900.00	1900.00	1890.50	354.31	189.05	189.05	6.31	2920.87	3114.17	16.11	
2000.00	2000.00	1990.50	354.31	199.05	199.05	6.46	2910.68	3114.17	15.30	
2100.00	2100.00	2090.50	354.31	209.05	209.05	6.62	2900.48	3114.17	14.57	
2200.00	2200.00	2190.50	354.31	219.05	219.05	6.77	2890.29	3114.17	13.91	
2300.00	2300.00	2290.50	354.31	229.05	229.05	6.93	2880.09	3114.17	13.30	
2400.00	2400.00	2390.50	354.31	239.05	239.05	7.10	2869.89	3114.17	12.75	
2500.00	2500.00	2490.50	354.31	249.05	249.05	7.26	2859.70	3114.17	12.24	
2600.00	2600.00	2590.50	354.31	259.05	259.05	7.43	2849.50	3114.17	11.77	
2700.00	2700.00	2690.50	354.31	269.05	269.05	7.60	2839.31	3114.17	11.33	
2800.00	2800.00	2790.50	354.31	279.05	279.05	7.78	2829.11	3114.17	10.92	
2900.00	2900.00	2890.50	354.31	289.05	289.05	7.95	2818.91	3114.17	10.55	
3000.00	3000.00	2990.50	354.31	299.05	299.05	8.13	2808.72	3114.17	10.20	
3100.00	3100.00	3090.50	354.31	309.05	309.05	8.31	2798.52	3114.17	9.87	
3200.00	3200.00	3190.50	354.31	319.05	319.05	8.50	2788.33	3114.17	9.56	
3300.00	3300.00	3290.50	354.31	329.05	329.05	8.69	2778.13	3114.17	9.27	
3400.00	3400.00	3390.50	354.31	339.05	339.05	8.88	2767.94	3114.17	8.99	
3500.00	3500.00	3490.50	354.31	349.05	349.05	9.07	2757.74	3114.17	8.74	
3600.00	3600.00	3590.50	354.31	359.05	359.05	9.26	2747.54	3114.17	8.49	
3700.00	3700.00	3690.50	354.31	369.05	369.05	9.46	2737.35	3114.17	8.26	
3800.00	3800.00	3790.50	354.31	379.05	379.05	9.66	2727.15	3114.17	8.05	
3900.00	3900.00	3890.50	354.31	389.05	389.05	9.87	2716.96	3114.17	7.84	

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	3990.50	354.31	399.05	399.05	10.07	2706.76	3114.17	7.64	
4100.00	4100.00	4090.50	354.31	409.05	409.05	10.28	2696.56	3114.17	7.46	
4200.00	4200.00	4190.50	354.31	419.05	419.05	10.50	2686.37	3114.17	7.28	
4300.00	4300.00	4290.50	354.31	429.05	429.05	10.71	2676.17	3114.17	7.11	
4400.00	4400.00	4390.50	354.31	439.05	439.05	10.93	2665.98	3114.17	6.95	
4500.00	4500.00	4490.50	354.31	449.05	449.05	11.15	2655.78	3114.17	6.79	
4600.00	4600.00	4590.50	354.31	459.05	459.05	11.38	2645.59	3114.17	6.65	
4700.00	4700.00	4690.50	354.31	469.05	469.05	11.61	2635.39	3114.17	6.50	
4800.00	4800.00	4790.50	354.31	479.05	479.05	11.84	2625.19	3114.17	6.37	
4900.00	4900.00	4890.50	354.31	489.05	489.05	12.08	2615.00	3114.17	6.24	
5000.00	5000.00	4990.50	354.31	499.05	499.05	12.32	2604.80	3114.17	6.11	
5100.00	5100.00	5090.50	354.31	509.05	509.05	12.56	2594.61	3114.17	5.99	
5200.00	5200.00	5190.50	354.31	519.05	519.05	12.81	2584.41	3114.17	5.88	
5300.00	5300.00	5290.50	354.31	529.05	529.05	13.06	2574.22	3114.17	5.77	
5400.00	5400.00	5390.50	354.31	539.05	539.05	13.32	2564.02	3114.17	5.66	
5500.00	5500.00	5490.50	354.31	549.05	549.05	13.58	2553.82	3114.17	5.56	
5600.00	5600.00	5590.50	354.31	559.05	559.05	13.84	2543.63	3114.17	5.46	
5700.00	5700.00	5690.50	354.31	569.05	569.05	14.11	2533.43	3114.17	5.36	
5800.00	5800.00	5790.50	354.31	579.05	579.05	14.38	2523.24	3114.17	5.27	
5900.00	5900.00	5890.50	354.31	589.05	589.05	14.66	2513.04	3114.17	5.18	
6000.00	6000.00	5990.50	354.31	599.05	599.05	14.94	2502.84	3114.17	5.09	
6100.00	6100.00	6090.50	354.31	609.05	609.05	15.22	2492.65	3114.17	5.01	
6200.00	6200.00	6190.50	354.31	619.05	619.05	15.51	2482.45	3114.17	4.93	
6300.00	6300.00	6290.50	354.31	629.05	629.05	15.81	2472.26	3114.17	4.85	
6400.00	6400.00	6390.50	354.31	639.05	639.05	16.11	2462.06	3114.17	4.78	
6500.00	6500.00	6490.50	354.31	649.05	649.05	16.41	2451.87	3114.17	4.70	
6600.00	6600.00	6590.50	354.31	659.05	659.05	16.72	2441.67	3114.17	4.63	
6700.00	6700.00	6690.50	354.31	669.05	669.05	17.03	2431.47	3114.17	4.56	
6800.00	6800.00	6790.50	354.31	679.05	679.05	17.35	2421.28	3114.17	4.49	
6900.00	6900.00	6890.50	354.31	689.05	689.05	17.67	2411.08	3114.17	4.43	
7000.00	7000.00	6990.50	354.31	699.05	699.05	18.00	2400.89	3114.17	4.37	
7100.00	7100.00	7090.50	354.31	709.05	709.05	18.34	2390.69	3114.17	4.30	
7200.00	7200.00	7190.50	354.31	719.05	719.05	18.67	2380.49	3114.17	4.24	
7300.00	7300.00	7290.50	354.31	729.05	729.05	19.02	2370.30	3114.17	4.19	
7400.00	7400.00	7390.50	354.31	739.05	739.05	19.37	2360.10	3114.17	4.13	
7500.00	7500.00	7490.50	354.31	749.05	749.05	19.72	2349.91	3114.17	4.07	
7600.00	7600.00	7590.50	354.31	759.05	759.05	20.08	2339.71	3114.17	4.02	
7700.00	7700.00	7690.50	354.31	769.05	769.05	20.44	2329.52	3114.17	3.97	
7800.00	7800.00	7790.50	354.31	779.05	779.05	20.81	2319.32	3114.17	3.92	
7900.00	7900.00	7890.50	354.31	789.05	789.05	21.19	2309.12	3114.17	3.87	
8000.00	8000.00	7990.50	354.31	799.05	799.05	21.57	2298.93	3114.17	3.82	
8100.00	8100.00	8090.50	354.31	809.05	809.05	21.95	2288.73	3114.17	3.77	
8200.00	8200.00	8190.50	354.31	819.05	819.05	22.34	2278.54	3114.17	3.73	
8300.00	8300.00	8290.50	354.31	829.05	829.05	22.74	2268.34	3114.17	3.68	
8400.00	8400.00	8390.50	354.31	839.05	839.05	23.14	2258.15	3114.17	3.64	
8500.00	8500.00	8490.50	354.31	849.05	849.05	23.55	2247.95	3114.17	3.60	
8600.00	8600.00	8590.50	354.31	859.05	859.05	23.97	2237.75	3114.17	3.55	
8700.00	8700.00	8690.50	354.31	869.05	869.05	24.39	2227.56	3114.17	3.51	
8800.00	8800.00	8790.50	354.31	879.05	879.05	24.81	2217.36	3114.17	3.47	
8900.00	8900.00	8890.50	354.31	889.05	889.05	25.24	2207.17	3114.17	3.43	
9000.00	9000.00	8990.50	354.31	899.05	899.05	25.68	2196.97	3114.17	3.40	
9100.00	9100.00	9090.50	354.31	909.05	909.05	26.12	2186.77	3114.17	3.36	
9200.00	9200.00	9190.50	354.31	919.05	919.05	26.57	2176.58	3114.17	3.32	
9300.00	9300.00	9290.50	354.31	929.05	929.05	27.02	2166.38	3114.17	3.29	
9400.00	9400.00	9390.50	354.31	939.05	939.05	27.48	2156.19	3114.17	3.25	
9500.00	9500.00	9490.50	354.31	949.05	949.05	27.94	2145.99	3114.17	3.22	
9600.00	9600.00	9590.50	354.31	959.05	959.05	28.42	2135.80	3114.17	3.18	
9700.00	9700.00	9690.50	354.31	969.05	969.05	28.89	2125.60	3114.17	3.15	

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	9790.50	354.31	979.05	979.05	29.38	2115.40	3114.17	3.12	
9900.00	9900.00	9890.50	354.31	989.05	989.05	29.87	2105.21	3114.17	3.09	
10000.00	10000.00	9990.50	354.31	999.05	999.05	30.36	2095.01	3114.17	3.06	
10100.00	10100.00	10090.50	354.31	1009.05	1009.05	30.86	2084.82	3114.17	3.03	
10200.00	10200.00	10190.50	354.31	1019.05	1019.05	31.37	2074.62	3114.17	3.00	
10300.00	10300.00	10290.50	354.31	1029.05	1029.05	31.88	2064.42	3114.17	2.97	
10400.00	10400.00	10390.50	354.31	1039.05	1039.05	32.40	2054.23	3114.17	2.94	
10500.00	10500.00	10490.50	354.31	1049.05	1049.05	32.92	2044.03	3114.17	2.91	
10600.00	10600.00	10590.50	354.31	1059.05	1059.05	33.45	2033.84	3114.17	2.88	
10700.00	10700.00	10690.50	354.31	1069.05	1069.05	33.99	2023.64	3114.17	2.86	
10800.00	10800.00	10790.50	354.31	1079.05	1079.05	34.53	2013.45	3114.17	2.83	
10900.00	10899.80	10890.30	354.79	1089.03	1089.03	35.08	1998.57	3109.55	2.80	
11000.00	10997.39	10987.89	354.55	1098.79	1098.79	35.62	1967.39	3088.37	2.76	
11100.00	11089.79	11080.29	354.07	1108.03	1108.03	36.13	1920.17	3050.63	2.70	
11200.00	11174.21	11164.71	353.27	1116.47	1116.47	36.61	1858.27	2997.50	2.63	
11300.00	11248.09	11238.59	351.94	1123.86	1123.86	37.03	1783.71	2930.59	2.56	
11400.00	11309.17	11299.67	349.64	1129.97	1129.97	37.38	1698.68	2851.95	2.47	SF(Lo)
11500.00	11355.60	11346.10	345.20	1134.61	1134.61	37.65	1605.72	2763.97	2.39	SF(Lo)
11600.00	11385.97	11376.47	334.35	1137.65	1137.65	37.83	1507.71	2669.33	2.30	SF(Lo)
11700.00	11399.36	11389.86	293.27	1138.99	1138.99	37.90	1407.65	2570.93	2.21	SF(Lo)
11800.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	1307.91	2471.56	2.12	SF(Lo)
11900.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	1208.28	2372.23	2.04	SF(Lo)
12000.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	1108.71	2272.96	1.95	SF(Lo)
12100.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	1009.21	2173.76	1.87	SF(Lo)
12200.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	909.81	2074.64	1.78	SF(Lo)
12300.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	810.51	1975.60	1.70	SF(Lo)
12400.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	711.36	1876.66	1.61	SF(Lo)
12500.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	612.38	1777.85	1.53	SF(Lo)
12600.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	513.62	1679.17	1.44	SF(Med)
12700.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	415.11	1580.66	1.36	SF(Med)
12800.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	316.87	1482.36	1.27	SF(Med)
12900.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	219.08	1384.29	1.19	SF(Med)
13000.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	121.85	1286.52	1.10	SF(Med)
13100.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	25.45	1189.12	1.02	SF(Med)
13200.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-71.20	1092.20	0.94	SF(Hi)
13300.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-170.12	995.88	0.85	SF(Hi)
13400.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-267.65	900.36	0.77	SF(Hi)
13500.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-363.39	805.93	0.69	SF(Hi)
13600.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-455.38	713.02	0.61	SF(Hi)
13700.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-549.20	622.32	0.53	SF(Hi)
13800.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-639.97	534.94	0.46	SF(Hi)
13900.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-726.67	452.81	0.38	SF(Hi)
14000.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-805.75	379.36	0.32	SF(Hi)
14100.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-871.68	320.62	0.27	SF(Hi)
14200.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-913.33	285.78	0.24	SF(Hi)
14300.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-917.23	283.81	0.24	SF(Hi)
14400.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-881.28	315.32	0.26	SF(Hi)
14500.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-819.27	371.90	0.31	SF(Hi)
14600.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-741.78	444.05	0.37	SF(Hi)
14700.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-656.30	525.42	0.44	SF(Hi)
14800.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-564.90	612.32	0.52	SF(Hi)
14900.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-472.65	702.72	0.60	SF(Hi)
15000.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-379.74	795.42	0.68	SF(Hi)
15100.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-283.34	889.70	0.76	SF(Hi)
15200.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-185.04	985.12	0.84	SF(Hi)
15300.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	-87.24	1081.36	0.93	SF(Hi)
15400.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	8.61	1178.22	1.01	SF(Med)
15500.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	105.52	1275.57	1.09	SF(Med)

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	11390.50	270.00	1139.05	1139.05	37.91	203.05	1373.30	1.17	SF(Med)
15700.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	301.16	1471.34	1.26	SF(Med)
15800.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	399.68	1569.62	1.34	SF(Med)
15900.00	11400.00	11390.50	270.00	1139.05	1139.05	37.91	498.52	1668.11	1.43	SF(Med)
15905.28	11400.00	11390.50	270.00	1139.05	1139.05	37.91	503.74	1673.32	1.43	SF(Med)

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	13.50	0.00	355.77	0.00	0.00	0.00	4329.99	4330.63	6771.33	
100.00	100.00	86.50	355.77	8.65	8.65	2.40	4321.24	4330.61	461.94	
200.00	200.00	186.50	355.77	18.65	18.65	4.62	4311.04	4330.61	221.28	
300.00	300.00	286.50	355.77	28.65	28.65	4.65	4300.84	4330.61	145.48	
400.00	400.00	386.50	355.77	38.65	38.65	4.69	4290.65	4330.61	108.36	
500.00	500.00	486.50	355.77	48.65	48.65	4.74	4280.45	4330.61	86.33	
600.00	600.00	586.50	355.77	58.65	58.65	4.81	4270.25	4330.61	71.75	
700.00	700.00	686.50	355.77	68.65	68.65	4.88	4260.06	4330.61	61.38	
800.00	800.00	786.50	355.77	78.65	78.65	4.96	4249.86	4330.61	53.63	
900.00	900.00	886.50	355.77	88.65	88.65	5.05	4239.66	4330.61	47.62	
1000.00	1000.00	986.50	355.77	98.65	98.65	5.15	4229.46	4330.61	42.82	
1100.00	1100.00	1086.50	355.77	108.65	108.65	5.26	4219.27	4330.61	38.89	
1200.00	1200.00	1186.50	355.77	118.65	118.65	5.37	4209.07	4330.61	35.63	
1300.00	1300.00	1286.50	355.77	128.65	128.65	5.49	4198.87	4330.61	32.87	
1400.00	1400.00	1386.50	355.77	138.65	138.65	5.61	4188.68	4330.61	30.51	
1500.00	1500.00	1486.50	355.77	148.65	148.65	5.74	4178.48	4330.61	28.47	
1600.00	1600.00	1586.50	355.77	158.65	158.65	5.88	4168.28	4330.61	26.68	
1700.00	1700.00	1686.50	355.77	168.65	168.65	6.01	4158.09	4330.61	25.10	
1800.00	1800.00	1786.50	355.77	178.65	178.65	6.16	4147.89	4330.61	23.70	
1900.00	1900.00	1886.50	355.77	188.65	188.65	6.30	4137.69	4330.61	22.45	
2000.00	2000.00	1986.50	355.77	198.65	198.65	6.45	4127.50	4330.61	21.32	
2100.00	2100.00	2086.50	355.77	208.65	208.65	6.61	4117.30	4330.61	20.30	
2200.00	2200.00	2186.50	355.77	218.65	218.65	6.77	4107.10	4330.61	19.38	
2300.00	2300.00	2286.50	355.77	228.65	228.65	6.93	4096.91	4330.61	18.53	
2400.00	2400.00	2386.50	355.77	238.65	238.65	7.09	4086.71	4330.61	17.76	
2500.00	2500.00	2486.50	355.77	248.65	248.65	7.25	4076.51	4330.61	17.04	
2600.00	2600.00	2586.50	355.77	258.65	258.65	7.42	4066.31	4330.61	16.39	
2700.00	2700.00	2686.50	355.77	268.65	268.65	7.59	4056.12	4330.61	15.78	
2800.00	2800.00	2786.50	355.77	278.65	278.65	7.77	4045.92	4330.61	15.21	
2900.00	2900.00	2886.50	355.77	288.65	288.65	7.95	4035.72	4330.61	14.69	
3000.00	3000.00	2986.50	355.77	298.65	298.65	8.12	4025.53	4330.61	14.19	
3100.00	3100.00	3086.50	355.77	308.65	308.65	8.31	4015.33	4330.61	13.74	
3200.00	3200.00	3186.50	355.77	318.65	318.65	8.49	4005.13	4330.61	13.31	
3300.00	3300.00	3286.50	355.77	328.65	328.65	8.68	3994.94	4330.61	12.90	
3400.00	3400.00	3386.50	355.77	338.65	338.65	8.87	3984.74	4330.61	12.52	
3500.00	3500.00	3486.50	355.77	348.65	348.65	9.06	3974.54	4330.61	12.16	
3600.00	3600.00	3586.50	355.77	358.65	358.65	9.26	3964.35	4330.61	11.82	
3700.00	3700.00	3686.50	355.77	368.65	368.65	9.45	3954.15	4330.61	11.50	
3800.00	3800.00	3786.50	355.77	378.65	378.65	9.66	3943.95	4330.61	11.20	
3900.00	3900.00	3886.50	355.77	388.65	388.65	9.86	3933.75	4330.61	10.91	
4000.00	4000.00	3986.50	355.77	398.65	398.65	10.07	3923.56	4330.61	10.64	
4100.00	4100.00	4086.50	355.77	408.65	408.65	10.28	3913.36	4330.61	10.38	
4200.00	4200.00	4186.50	355.77	418.65	418.65	10.49	3903.16	4330.61	10.13	
4300.00	4300.00	4286.50	355.77	428.65	428.65	10.70	3892.97	4330.61	9.90	
4400.00	4400.00	4386.50	355.77	438.65	438.65	10.92	3882.77	4330.61	9.67	
4500.00	4500.00	4486.50	355.77	448.65	448.65	11.15	3872.57	4330.61	9.45	
4600.00	4600.00	4586.50	355.77	458.65	458.65	11.37	3862.38	4330.61	9.25	
4700.00	4700.00	4686.50	355.77	468.65	468.65	11.60	3852.18	4330.61	9.05	
4800.00	4800.00	4786.50	355.77	478.65	478.65	11.83	3841.98	4330.61	8.86	
4900.00	4900.00	4886.50	355.77	488.65	488.65	12.07	3831.79	4330.61	8.68	

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	4986.50	355.77	498.65	498.65	12.31	3821.59	4330.61	8.51	
5100.00	5100.00	5086.50	355.77	508.65	508.65	12.55	3811.39	4330.61	8.34	
5200.00	5200.00	5186.50	355.77	518.65	518.65	12.80	3801.20	4330.61	8.18	
5300.00	5300.00	5286.50	355.77	528.65	528.65	13.05	3791.00	4330.61	8.03	
5400.00	5400.00	5386.50	355.77	538.65	538.65	13.31	3780.80	4330.61	7.88	
5500.00	5500.00	5486.50	355.77	548.65	548.65	13.57	3770.60	4330.61	7.73	
5600.00	5600.00	5586.50	355.77	558.65	558.65	13.83	3760.41	4330.61	7.59	
5700.00	5700.00	5686.50	355.77	568.65	568.65	14.10	3750.21	4330.61	7.46	
5800.00	5800.00	5786.50	355.77	578.65	578.65	14.37	3740.01	4330.61	7.33	
5900.00	5900.00	5886.50	355.77	588.65	588.65	14.65	3729.82	4330.61	7.21	
6000.00	6000.00	5986.50	355.77	598.65	598.65	14.93	3719.62	4330.61	7.09	
6100.00	6100.00	6086.50	355.77	608.65	608.65	15.21	3709.42	4330.61	6.97	
6200.00	6200.00	6186.50	355.77	618.65	618.65	15.50	3699.23	4330.61	6.86	
6300.00	6300.00	6286.50	355.77	628.65	628.65	15.80	3689.03	4330.61	6.75	
6400.00	6400.00	6386.50	355.77	638.65	638.65	16.10	3678.83	4330.61	6.64	
6500.00	6500.00	6486.50	355.77	648.65	648.65	16.40	3668.64	4330.61	6.54	
6600.00	6600.00	6586.50	355.77	658.65	658.65	16.71	3658.44	4330.61	6.44	
6700.00	6700.00	6686.50	355.77	668.65	668.65	17.02	3648.24	4330.61	6.35	
6800.00	6800.00	6786.50	355.77	678.65	678.65	17.34	3638.04	4330.61	6.25	
6900.00	6900.00	6886.50	355.77	688.65	688.65	17.66	3627.85	4330.61	6.16	
7000.00	7000.00	6986.50	355.77	698.65	698.65	17.99	3617.65	4330.61	6.07	
7100.00	7100.00	7086.50	355.77	708.65	708.65	18.33	3607.45	4330.61	5.99	
7200.00	7200.00	7186.50	355.77	718.65	718.65	18.66	3597.26	4330.61	5.91	
7300.00	7300.00	7286.50	355.77	728.65	728.65	19.01	3587.06	4330.61	5.82	
7400.00	7400.00	7386.50	355.77	738.65	738.65	19.35	3576.86	4330.61	5.75	
7500.00	7500.00	7486.50	355.77	748.65	748.65	19.71	3566.67	4330.61	5.67	
7600.00	7600.00	7586.50	355.77	758.65	758.65	20.07	3556.47	4330.61	5.59	
7700.00	7700.00	7686.50	355.77	768.65	768.65	20.43	3546.27	4330.61	5.52	
7800.00	7800.00	7786.50	355.77	778.65	778.65	20.80	3536.08	4330.61	5.45	
7900.00	7900.00	7886.50	355.77	788.65	788.65	21.18	3525.88	4330.61	5.38	
8000.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3525.33	4331.47	5.37	
8100.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3528.84	4334.62	5.38	
8200.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3535.08	4340.08	5.39	
8300.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3544.04	4347.82	5.41	
8400.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3555.69	4357.85	5.43	
8500.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3570.02	4370.15	5.46	
8600.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3586.95	4384.69	5.50	
8700.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3606.48	4401.45	5.54	
8800.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3628.58	4420.42	5.58	
8900.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3653.21	4441.55	5.63	
9000.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3680.32	4464.83	5.69	
9100.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3709.86	4490.21	5.75	
9200.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3741.78	4517.66	5.82	
9300.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3776.02	4547.15	5.90	
9400.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3812.53	4578.63	5.98	
9500.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3851.24	4612.07	6.06	
9600.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3892.10	4647.42	6.15	
9700.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3935.01	4684.63	6.25	
9800.00	7913.50	7900.00	355.77	790.00	790.00	21.23	3979.91	4723.67	6.35	
9900.00	7913.50	7900.00	355.77	790.00	790.00	21.23	4026.76	4764.49	6.46	
10000.00	7913.50	7900.00	355.77	790.00	790.00	21.23	4075.51	4807.04	6.57	
10100.00	7913.50	7900.00	355.77	790.00	790.00	21.23	4126.08	4851.29	6.69	
10200.00	7913.50	7900.00	355.77	790.00	790.00	21.23	4178.42	4897.17	6.81	
10300.00	7913.50	7900.00	355.77	790.00	790.00	21.23	4232.46	4944.65	6.94	
10400.00	7913.50	7900.00	355.77	790.00	790.00	21.23	4288.15	4993.68	7.08	
10500.00	7913.50	7900.00	355.77	790.00	790.00	21.23	4345.41	5044.22	7.22	
10600.00	7913.50	7900.00	355.77	790.00	790.00	21.23	4404.20	5096.22	7.36	
10700.00	7913.50	7900.00	355.77	790.00	790.00	21.23	4464.45	5149.64	7.52	

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	7913.50	7900.00	355.77	790.00	790.00	21.23	4526.07	5204.43	7.67	
10900.00	7913.50	7900.00	356.56	790.00	790.00	21.23	4585.28	5256.63	7.83	
11000.00	7913.50	7900.00	356.80	790.00	790.00	21.23	4631.84	5295.40	7.98	
11100.00	7913.50	7900.00	356.94	790.00	790.00	21.23	4664.25	5319.37	8.12	
11200.00	7913.50	7900.00	356.98	790.00	790.00	21.23	4681.71	5328.00	8.24	
11300.00	7913.50	7900.00	356.95	790.00	790.00	21.23	4683.94	5321.10	8.35	
11400.00	7913.50	7900.00	356.82	790.00	790.00	21.23	4670.88	5298.83	8.44	
11500.00	7913.50	7900.00	356.59	790.00	790.00	21.23	4642.75	5261.68	8.50	
11600.00	7913.50	7900.00	356.22	790.00	790.00	21.23	4600.15	5210.47	8.54	
11700.00	7913.50	7900.00	355.62	790.00	790.00	21.23	4543.98	5146.36	8.54	
11800.00	7913.50	7900.00	355.40	790.00	790.00	21.23	4478.85	5073.89	8.53	
11900.00	7913.50	7900.00	355.40	790.00	790.00	21.23	4414.44	5001.92	8.51	
12000.00	7913.50	7900.00	355.40	790.00	790.00	21.23	4351.13	4930.94	8.50	
12100.00	7913.50	7900.00	355.40	790.00	790.00	21.23	4289.18	4860.97	8.50	
12200.00	7913.50	7900.00	355.40	790.00	790.00	21.23	4228.65	4792.06	8.51	
12300.00	7913.50	7900.00	355.40	790.00	790.00	21.23	4169.59	4724.27	8.52	
12400.00	7913.50	7900.00	355.40	790.00	790.00	21.23	4112.09	4657.64	8.54	
12500.00	7913.50	7900.00	355.40	790.00	790.00	21.23	4056.10	4592.22	8.57	
12600.00	7913.50	7900.00	355.40	790.00	790.00	21.23	4001.76	4528.07	8.60	
12700.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3949.18	4465.23	8.65	
12800.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3898.44	4403.77	8.71	
12900.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3849.57	4343.73	8.79	
13000.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3802.55	4285.20	8.88	
13100.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3757.60	4228.21	8.98	
13200.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3714.80	4172.85	9.11	
13300.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3674.02	4119.17	9.25	
13400.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3635.64	4067.24	9.42	
13500.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3599.44	4017.13	9.62	
13600.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3565.70	3968.90	9.84	
13700.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3534.45	3922.63	10.10	
13800.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3505.74	3878.39	10.41	
13900.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3479.65	3836.25	10.76	
14000.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3456.23	3796.27	11.16	
14100.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3435.59	3758.53	11.64	
14200.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3417.68	3723.10	12.19	
14300.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3402.66	3690.03	12.84	
14400.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3390.55	3659.40	13.61	
14500.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3380.38	3631.26	14.47	
14600.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3373.21	3605.68	15.51	
14700.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3369.10	3582.71	16.77	
14800.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3368.06	3562.40	18.33	
14900.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3369.30	3544.80	20.20	
15000.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3372.58	3529.94	22.43	
15100.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3377.96	3517.86	25.15	
15200.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3384.58	3508.59	28.29	
15300.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3390.99	3502.16	31.50	
15400.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3395.88	3498.57	34.07	
15500.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3396.37	3497.84	34.47	
15600.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3392.20	3499.96	32.48	
15700.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3384.77	3504.94	29.17	
15800.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3376.68	3512.76	25.81	
15900.00	7913.50	7900.00	355.40	790.00	790.00	21.23	3369.51	3523.40	22.89	
15905.28	7913.50	7900.00	355.40	790.00	790.00	21.23	3369.13	3524.04	22.75	
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	12.50	0.00	353.28	0.00	0.00	0.00	4447.23	4447.87	6954.60	
100.00	100.00	87.50	353.28	8.75	8.75	2.42	4438.37	4447.85	468.97	

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	187.50	353.28	18.75	18.75	4.62	4428.16	4447.85	225.88	
300.00	300.00	287.50	353.28	28.75	28.75	4.65	4417.95	4447.85	148.76	
400.00	400.00	387.50	353.28	38.75	38.75	4.69	4407.75	4447.85	110.90	
500.00	500.00	487.50	353.28	48.75	48.75	4.74	4397.54	4447.85	88.40	
600.00	600.00	587.50	353.28	58.75	58.75	4.81	4387.33	4447.85	73.49	
700.00	700.00	687.50	353.28	68.75	68.75	4.88	4377.12	4447.85	62.88	
800.00	800.00	787.50	353.28	78.75	78.75	4.96	4366.91	4447.85	54.95	
900.00	900.00	887.50	353.28	88.75	88.75	5.05	4356.71	4447.85	48.80	
1000.00	1000.00	987.50	353.28	98.75	98.75	5.15	4346.50	4447.85	43.88	
1100.00	1100.00	1087.50	353.28	108.75	108.75	5.26	4336.29	4447.85	39.87	
1200.00	1200.00	1187.50	353.28	118.75	118.75	5.37	4326.08	4447.85	36.53	
1300.00	1300.00	1287.50	353.28	128.75	128.75	5.49	4315.87	4447.85	33.70	
1400.00	1400.00	1387.50	353.28	138.75	138.75	5.61	4305.67	4447.85	31.28	
1500.00	1500.00	1487.50	353.28	148.75	148.75	5.74	4295.46	4447.85	29.19	
1600.00	1600.00	1587.50	353.28	158.75	158.75	5.88	4285.25	4447.85	27.35	
1700.00	1700.00	1687.50	353.28	168.75	168.75	6.02	4275.04	4447.85	25.74	
1800.00	1800.00	1787.50	353.28	178.75	178.75	6.16	4264.83	4447.85	24.30	
1900.00	1900.00	1887.50	353.28	188.75	188.75	6.31	4254.63	4447.85	23.02	
2000.00	2000.00	1987.50	353.28	198.75	198.75	6.46	4244.42	4447.85	21.86	
2100.00	2100.00	2087.50	353.28	208.75	208.75	6.61	4234.21	4447.85	20.82	
2200.00	2200.00	2187.50	353.28	218.75	218.75	6.77	4224.00	4447.85	19.87	
2300.00	2300.00	2287.50	353.28	228.75	228.75	6.93	4213.79	4447.85	19.00	
2400.00	2400.00	2387.50	353.28	238.75	238.75	7.09	4203.59	4447.85	18.21	
2500.00	2500.00	2487.50	353.28	248.75	248.75	7.26	4193.38	4447.85	17.48	
2600.00	2600.00	2587.50	353.28	258.75	258.75	7.43	4183.17	4447.85	16.80	
2700.00	2700.00	2687.50	353.28	268.75	268.75	7.60	4172.96	4447.85	16.18	
2800.00	2800.00	2787.50	353.28	278.75	278.75	7.77	4162.75	4447.85	15.60	
2900.00	2900.00	2887.50	353.28	288.75	288.75	7.95	4152.55	4447.85	15.06	
3000.00	3000.00	2987.50	353.28	298.75	298.75	8.13	4142.34	4447.85	14.56	
3100.00	3100.00	3087.50	353.28	308.75	308.75	8.31	4132.13	4447.85	14.09	
3200.00	3200.00	3187.50	353.28	318.75	318.75	8.49	4121.92	4447.85	13.65	
3300.00	3300.00	3287.50	353.28	328.75	328.75	8.68	4111.71	4447.85	13.23	
3400.00	3400.00	3387.50	353.28	338.75	338.75	8.87	4101.50	4447.85	12.84	
3500.00	3500.00	3487.50	353.28	348.75	348.75	9.06	4091.30	4447.85	12.47	
3600.00	3600.00	3587.50	353.28	358.75	358.75	9.26	4081.09	4447.85	12.13	
3700.00	3700.00	3687.50	353.28	368.75	368.75	9.46	4070.88	4447.85	11.80	
3800.00	3800.00	3787.50	353.28	378.75	378.75	9.66	4060.67	4447.85	11.49	
3900.00	3900.00	3887.50	353.28	388.75	388.75	9.86	4050.46	4447.85	11.19	
4000.00	4000.00	3987.50	353.28	398.75	398.75	10.07	4040.26	4447.85	10.91	
4100.00	4100.00	4087.50	353.28	408.75	408.75	10.28	4030.05	4447.85	10.65	
4200.00	4200.00	4187.50	353.28	418.75	418.75	10.49	4019.84	4447.85	10.39	
4300.00	4300.00	4287.50	353.28	428.75	428.75	10.71	4009.63	4447.85	10.15	
4400.00	4400.00	4387.50	353.28	438.75	438.75	10.93	3999.42	4447.85	9.92	
4500.00	4500.00	4487.50	353.28	448.75	448.75	11.15	3989.22	4447.85	9.70	
4600.00	4600.00	4587.50	353.28	458.75	458.75	11.37	3979.01	4447.85	9.49	
4700.00	4700.00	4687.50	353.28	468.75	468.75	11.60	3968.80	4447.85	9.28	
4800.00	4800.00	4787.50	353.28	478.75	478.75	11.84	3958.59	4447.85	9.09	
4900.00	4900.00	4887.50	353.28	488.75	488.75	12.07	3948.38	4447.85	8.91	
5000.00	5000.00	4987.50	353.28	498.75	498.75	12.31	3938.18	4447.85	8.73	
5100.00	5100.00	5087.50	353.28	508.75	508.75	12.56	3927.97	4447.85	8.56	
5200.00	5200.00	5187.50	353.28	518.75	518.75	12.80	3917.76	4447.85	8.39	
5300.00	5300.00	5287.50	353.28	528.75	528.75	13.06	3907.55	4447.85	8.23	
5400.00	5400.00	5387.50	353.28	538.75	538.75	13.31	3897.34	4447.85	8.08	
5500.00	5500.00	5487.50	353.28	548.75	548.75	13.57	3887.14	4447.85	7.93	
5600.00	5600.00	5587.50	353.28	558.75	558.75	13.83	3876.93	4447.85	7.79	
5700.00	5700.00	5687.50	353.28	568.75	568.75	14.10	3866.72	4447.85	7.65	
5800.00	5800.00	5787.50	353.28	578.75	578.75	14.37	3856.51	4447.85	7.52	
5900.00	5900.00	5887.50	353.28	588.75	588.75	14.65	3846.30	4447.85	7.39	

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	5987.50	353.28	598.75	598.75	14.93	3836.10	4447.85	7.27	
6100.00	6100.00	6087.50	353.28	608.75	608.75	15.22	3825.89	4447.85	7.15	
6200.00	6200.00	6187.50	353.28	618.75	618.75	15.51	3815.68	4447.85	7.04	
6300.00	6300.00	6287.50	353.28	628.75	628.75	15.80	3805.47	4447.85	6.92	
6400.00	6400.00	6387.50	353.28	638.75	638.75	16.10	3795.26	4447.85	6.82	
6500.00	6500.00	6487.50	353.28	648.75	648.75	16.40	3785.06	4447.85	6.71	
6600.00	6600.00	6587.50	353.28	658.75	658.75	16.71	3774.85	4447.85	6.61	
6700.00	6700.00	6687.50	353.28	668.75	668.75	17.02	3764.64	4447.85	6.51	
6800.00	6800.00	6787.50	353.28	678.75	678.75	17.34	3754.43	4447.85	6.41	
6900.00	6900.00	6887.50	353.28	688.75	688.75	17.67	3744.22	4447.85	6.32	
7000.00	7000.00	6987.50	353.28	698.75	698.75	17.99	3734.02	4447.85	6.23	
7100.00	7100.00	7087.50	353.28	708.75	708.75	18.33	3723.81	4447.85	6.14	
7200.00	7200.00	7187.50	353.28	718.75	718.75	18.67	3713.60	4447.85	6.06	
7300.00	7300.00	7287.50	353.28	728.75	728.75	19.01	3703.39	4447.85	5.97	
7400.00	7400.00	7387.50	353.28	738.75	738.75	19.36	3693.18	4447.85	5.89	
7500.00	7500.00	7487.50	353.28	748.75	748.75	19.71	3682.98	4447.85	5.82	
7600.00	7600.00	7587.50	353.28	758.75	758.75	20.07	3672.77	4447.85	5.74	
7700.00	7700.00	7687.50	353.28	768.75	768.75	20.43	3662.56	4447.85	5.66	
7800.00	7800.00	7787.50	353.28	778.75	778.75	20.80	3652.35	4447.85	5.59	
7900.00	7900.00	7887.50	353.28	788.75	788.75	21.18	3642.14	4447.85	5.52	
8000.00	8000.00	7987.50	353.28	798.75	798.75	21.56	3631.93	4447.85	5.45	
8100.00	8100.00	8087.50	353.28	808.75	808.75	21.95	3621.73	4447.85	5.38	
8200.00	8200.00	8187.50	353.28	818.75	818.75	22.34	3611.52	4447.85	5.32	
8300.00	8300.00	8287.50	353.28	828.75	828.75	22.73	3601.31	4447.85	5.25	
8400.00	8400.00	8387.50	353.28	838.75	838.75	23.14	3591.10	4447.85	5.19	
8500.00	8500.00	8487.50	353.28	848.75	848.75	23.54	3580.89	4447.85	5.13	
8600.00	8600.00	8587.50	353.28	858.75	858.75	23.96	3570.69	4447.85	5.07	
8700.00	8700.00	8687.50	353.28	868.75	868.75	24.38	3560.48	4447.85	5.01	
8800.00	8800.00	8787.50	353.28	878.75	878.75	24.80	3550.27	4447.85	4.96	
8900.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3544.00	4448.01	4.92	
9000.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3546.14	4449.98	4.92	
9100.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3550.98	4454.19	4.93	
9200.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3558.51	4460.64	4.94	
9300.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3568.72	4469.32	4.96	
9400.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3581.58	4480.21	4.99	
9500.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3597.04	4493.31	5.01	
9600.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3615.07	4508.58	5.05	
9700.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3635.66	4526.01	5.08	
9800.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3658.78	4545.58	5.13	
9900.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3684.38	4567.25	5.17	
10000.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3712.41	4591.00	5.23	
10100.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3742.82	4616.80	5.28	
10200.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3775.57	4644.60	5.34	
10300.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3810.60	4674.38	5.41	
10400.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3847.85	4706.09	5.48	
10500.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3887.26	4739.71	5.56	
10600.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3928.75	4775.18	5.64	
10700.00	8862.50	8850.00	353.28	885.00	885.00	25.07	3972.24	4812.46	5.73	
10800.00	8862.50	8850.00	353.28	885.00	885.00	25.07	4017.71	4851.53	5.82	
10900.00	8862.50	8850.00	354.09	885.00	885.00	25.07	4060.93	4888.05	5.91	
11000.00	8862.50	8850.00	354.32	885.00	885.00	25.07	4090.67	4910.47	5.99	
11100.00	8862.50	8850.00	354.39	885.00	885.00	25.07	4105.74	4917.73	6.06	
11200.00	8862.50	8850.00	354.31	885.00	885.00	25.07	4105.81	4909.69	6.11	
11300.00	8862.50	8850.00	354.07	885.00	885.00	25.07	4090.96	4886.50	6.14	
11400.00	8862.50	8850.00	353.63	885.00	885.00	25.07	4061.31	4848.67	6.16	
11500.00	8862.50	8850.00	352.93	885.00	885.00	25.07	4017.52	4797.02	6.15	
11600.00	8862.50	8850.00	351.81	885.00	885.00	25.07	3960.48	4732.69	6.13	
11700.00	8862.50	8850.00	349.97	885.00	885.00	25.07	3891.35	4657.16	6.08	

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	8862.50	8850.00	349.28	885.00	885.00	25.07	3814.53	4574.63	6.02	
11900.00	8862.50	8850.00	349.28	885.00	885.00	25.07	3738.33	4492.44	5.96	
12000.00	8862.50	8850.00	349.28	885.00	885.00	25.07	3663.20	4410.99	5.90	
12100.00	8862.50	8850.00	349.28	885.00	885.00	25.07	3589.22	4330.32	5.84	
12200.00	8862.50	8850.00	349.28	885.00	885.00	25.07	3516.45	4250.47	5.79	
12300.00	8862.50	8850.00	349.28	885.00	885.00	25.07	3444.97	4171.49	5.74	
12400.00	8862.50	8850.00	349.28	885.00	885.00	25.07	3374.87	4093.42	5.70	
12500.00	8862.50	8850.00	349.28	885.00	885.00	25.07	3306.13	4016.33	5.66	
12600.00	8862.50	8850.00	349.28	885.00	885.00	25.07	3238.90	3940.27	5.62	
12700.00	8862.50	8850.00	349.28	885.00	885.00	25.07	3173.29	3865.30	5.59	
12800.00	8862.50	8850.00	349.28	885.00	885.00	25.07	3109.38	3791.49	5.56	
12900.00	8862.50	8850.00	349.28	885.00	885.00	25.07	3047.34	3718.90	5.54	
13000.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2987.14	3647.60	5.52	
13100.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2928.99	3577.68	5.52	
13200.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2873.07	3509.22	5.52	
13300.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2819.36	3442.30	5.53	
13400.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2768.09	3377.02	5.55	
13500.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2719.39	3313.47	5.58	
13600.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2673.37	3251.75	5.62	
13700.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2630.19	3191.98	5.68	
13800.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2589.03	3134.25	5.75	
13900.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2550.81	3078.69	5.83	
14000.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2515.72	3025.42	5.94	
14100.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2484.12	2974.56	6.07	
14200.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2456.11	2926.23	6.22	
14300.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2431.85	2880.56	6.42	
14400.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2411.34	2837.68	6.66	
14500.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2394.88	2797.72	6.94	
14600.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2380.71	2760.81	7.26	
14700.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2370.07	2727.06	7.64	
14800.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2363.73	2696.61	8.10	
14900.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2360.97	2669.55	8.65	
15000.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2360.05	2646.00	9.25	
15100.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2362.77	2626.05	9.97	
15200.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2366.27	2609.78	10.72	
15300.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2370.86	2597.26	11.47	
15400.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2375.26	2588.55	12.14	
15500.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2378.05	2583.68	12.56	
15600.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2378.22	2582.68	12.63	
15700.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2375.66	2585.54	12.32	
15800.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2370.44	2592.27	11.69	
15900.00	8862.50	8850.00	349.28	885.00	885.00	25.07	2364.36	2602.82	10.92	
15905.28	8862.50	8850.00	349.28	885.00	885.00	25.07	2364.15	2603.48	10.88	

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	0.00	12.50	338.72	1.25	1.25	0.35	4514.87	4516.76	2390.96	
100.00	100.00	112.50	338.72	11.25	11.25	3.11	4504.77	4516.76	376.53	
200.00	200.00	212.50	338.72	21.25	21.25	4.63	4494.55	4516.76	203.30	
300.00	300.00	312.50	338.72	31.25	31.25	4.66	4484.32	4516.76	139.24	
400.00	400.00	412.50	338.72	41.25	41.25	4.70	4474.10	4516.76	105.87	
500.00	500.00	512.50	338.72	51.25	51.25	4.76	4463.88	4516.76	85.41	
600.00	600.00	612.50	338.72	61.25	61.25	4.83	4453.66	4516.76	71.57	
700.00	700.00	712.50	338.72	71.25	71.25	4.90	4443.44	4516.76	61.60	
800.00	800.00	812.50	338.72	81.25	81.25	4.98	4433.21	4516.76	54.06	
900.00	900.00	912.50	338.72	91.25	91.25	5.08	4422.99	4516.76	48.17	
1000.00	1000.00	1012.50	338.72	101.25	101.25	5.18	4412.77	4516.76	43.43	
1100.00	1100.00	1112.50	338.72	111.25	111.25	5.29	4402.55	4516.76	39.55	

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	1212.50	338.72	121.25	121.25	5.40	4392.32	4516.76	36.30	
1300.00	1300.00	1312.50	338.72	131.25	131.25	5.52	4382.10	4516.76	33.54	
1400.00	1400.00	1412.50	338.72	141.25	141.25	5.65	4371.88	4516.76	31.17	
1500.00	1500.00	1512.50	338.72	151.25	151.25	5.78	4361.66	4516.76	29.12	
1600.00	1600.00	1612.50	338.72	161.25	161.25	5.91	4351.44	4516.76	27.32	
1700.00	1700.00	1712.50	338.72	171.25	171.25	6.05	4341.21	4516.76	25.73	
1800.00	1800.00	1812.50	338.72	181.25	181.25	6.20	4330.99	4516.76	24.31	
1900.00	1900.00	1912.50	338.72	191.25	191.25	6.35	4320.77	4516.76	23.05	
2000.00	2000.00	2012.50	338.72	201.25	201.25	6.50	4310.55	4516.76	21.90	
2100.00	2100.00	2112.50	338.72	211.25	211.25	6.65	4300.32	4516.76	20.87	
2200.00	2200.00	2212.50	338.72	221.25	221.25	6.81	4290.10	4516.76	19.93	
2300.00	2300.00	2312.50	338.72	231.25	231.25	6.97	4279.88	4516.76	19.07	
2400.00	2400.00	2412.50	338.72	241.25	241.25	7.13	4269.66	4516.76	18.28	
2500.00	2500.00	2512.50	338.72	251.25	251.25	7.30	4259.43	4516.76	17.55	
2600.00	2600.00	2612.50	338.72	261.25	261.25	7.47	4249.21	4516.76	16.88	
2700.00	2700.00	2712.50	338.72	271.25	271.25	7.64	4238.99	4516.76	16.26	
2800.00	2800.00	2812.50	338.72	281.25	281.25	7.82	4228.77	4516.76	15.68	
2900.00	2900.00	2912.50	338.72	291.25	291.25	7.99	4218.55	4516.76	15.15	
3000.00	3000.00	3012.50	338.72	301.25	301.25	8.17	4208.32	4516.76	14.64	
3100.00	3100.00	3112.50	338.72	311.25	311.25	8.36	4198.10	4516.76	14.17	
3200.00	3200.00	3212.50	338.72	321.25	321.25	8.54	4187.88	4516.76	13.73	
3300.00	3300.00	3312.50	338.72	331.25	331.25	8.73	4177.66	4516.76	13.32	
3400.00	3400.00	3412.50	338.72	341.25	341.25	8.92	4167.43	4516.76	12.93	
3500.00	3500.00	3512.50	338.72	351.25	351.25	9.11	4157.21	4516.76	12.56	
3600.00	3600.00	3612.50	338.72	361.25	361.25	9.31	4146.99	4516.76	12.21	
3700.00	3700.00	3712.50	338.72	371.25	371.25	9.51	4136.77	4516.76	11.89	
3800.00	3800.00	3812.50	338.72	381.25	381.25	9.71	4126.55	4516.76	11.57	
3900.00	3900.00	3912.50	338.72	391.25	391.25	9.91	4116.32	4516.76	11.28	
4000.00	4000.00	4012.50	338.72	401.25	401.25	10.12	4106.10	4516.76	11.00	
4100.00	4100.00	4112.50	338.72	411.25	411.25	10.33	4095.88	4516.76	10.73	
4200.00	4200.00	4212.50	338.72	421.25	421.25	10.54	4085.66	4516.76	10.48	
4300.00	4300.00	4312.50	338.72	431.25	431.25	10.76	4075.43	4516.76	10.23	
4400.00	4400.00	4412.50	338.72	441.25	441.25	10.98	4065.21	4516.76	10.00	
4500.00	4500.00	4512.50	338.72	451.25	451.25	11.20	4054.99	4516.76	9.78	
4600.00	4600.00	4612.50	338.72	461.25	461.25	11.43	4044.77	4516.76	9.57	
4700.00	4700.00	4712.50	338.72	471.25	471.25	11.66	4034.55	4516.76	9.37	
4800.00	4800.00	4812.50	338.72	481.25	481.25	11.89	4024.32	4516.76	9.17	
4900.00	4900.00	4912.50	338.72	491.25	491.25	12.13	4014.10	4516.76	8.99	
5000.00	5000.00	5012.50	338.72	501.25	501.25	12.37	4003.88	4516.76	8.81	
5100.00	5100.00	5112.50	338.72	511.25	511.25	12.61	3993.66	4516.76	8.63	
5200.00	5200.00	5212.50	338.72	521.25	521.25	12.86	3983.43	4516.76	8.47	
5300.00	5300.00	5312.50	338.72	531.25	531.25	13.11	3973.21	4516.76	8.31	
5400.00	5400.00	5412.50	338.72	541.25	541.25	13.37	3962.99	4516.76	8.16	
5500.00	5500.00	5512.50	338.72	551.25	551.25	13.62	3952.77	4516.76	8.01	
5600.00	5600.00	5612.50	338.72	561.25	561.25	13.89	3942.55	4516.76	7.87	
5700.00	5700.00	5712.50	338.72	571.25	571.25	14.16	3932.32	4516.76	7.73	
5800.00	5800.00	5812.50	338.72	581.25	581.25	14.43	3922.10	4516.76	7.60	
5900.00	5900.00	5912.50	338.72	591.25	591.25	14.71	3911.88	4516.76	7.47	
6000.00	6000.00	6012.50	338.72	601.25	601.25	14.99	3901.66	4516.76	7.34	
6100.00	6100.00	6112.50	338.72	611.25	611.25	15.27	3891.43	4516.76	7.22	
6200.00	6200.00	6212.50	338.72	621.25	621.25	15.56	3881.21	4516.76	7.11	
6300.00	6300.00	6312.50	338.72	631.25	631.25	15.86	3870.99	4516.76	6.99	
6400.00	6400.00	6412.50	338.72	641.25	641.25	16.16	3860.77	4516.76	6.89	
6500.00	6500.00	6512.50	338.72	651.25	651.25	16.46	3850.55	4516.76	6.78	
6600.00	6600.00	6612.50	338.72	661.25	661.25	16.77	3840.32	4516.76	6.68	
6700.00	6700.00	6712.50	338.72	671.25	671.25	17.08	3830.10	4516.76	6.58	
6800.00	6800.00	6812.50	338.72	681.25	681.25	17.40	3819.88	4516.76	6.48	
6900.00	6900.00	6912.50	338.72	691.25	691.25	17.73	3809.66	4516.76	6.39	

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	7012.50	338.72	701.25	701.25	18.05	3799.43	4516.76	6.30	
7100.00	7100.00	7112.50	338.72	711.25	711.25	18.39	3789.21	4516.76	6.21	
7200.00	7200.00	7212.50	338.72	721.25	721.25	18.73	3778.99	4516.76	6.12	
7300.00	7300.00	7312.50	338.72	731.25	731.25	19.07	3768.77	4516.76	6.04	
7400.00	7400.00	7412.50	338.72	741.25	741.25	19.42	3758.54	4516.76	5.96	
7500.00	7500.00	7512.50	338.72	751.25	751.25	19.77	3748.32	4516.76	5.88	
7600.00	7600.00	7612.50	338.72	761.25	761.25	20.13	3738.10	4516.76	5.80	
7700.00	7700.00	7712.50	338.72	771.25	771.25	20.50	3727.88	4516.76	5.73	
7800.00	7800.00	7812.50	338.72	781.25	781.25	20.87	3717.66	4516.76	5.65	
7900.00	7900.00	7912.50	338.72	791.25	791.25	21.24	3707.43	4516.76	5.58	
8000.00	8000.00	8012.50	338.72	801.25	801.25	21.62	3697.21	4516.76	5.51	
8100.00	8100.00	8112.50	338.72	811.25	811.25	22.01	3686.99	4516.76	5.44	
8200.00	8200.00	8212.50	338.72	821.25	821.25	22.40	3676.77	4516.76	5.38	
8300.00	8300.00	8312.50	338.72	831.25	831.25	22.80	3666.54	4516.76	5.31	
8400.00	8400.00	8412.50	338.72	841.25	841.25	23.20	3656.32	4516.76	5.25	
8500.00	8500.00	8512.50	338.72	851.25	851.25	23.61	3646.10	4516.76	5.19	
8600.00	8600.00	8612.50	338.72	861.25	861.25	24.03	3635.88	4516.76	5.13	
8700.00	8700.00	8712.50	338.72	871.25	871.25	24.45	3625.66	4516.76	5.07	
8800.00	8800.00	8812.50	338.72	881.25	881.25	24.87	3615.43	4516.76	5.01	
8900.00	8900.00	8912.50	338.72	891.25	891.25	25.30	3605.21	4516.76	4.96	
9000.00	9000.00	9012.50	338.72	901.25	901.25	25.74	3594.99	4516.76	4.90	
9100.00	9100.00	9112.50	338.72	911.25	911.25	26.18	3584.77	4516.76	4.85	
9200.00	9200.00	9212.50	338.72	921.25	921.25	26.63	3574.54	4516.76	4.79	
9300.00	9300.00	9312.50	338.72	931.25	931.25	27.08	3564.32	4516.76	4.74	
9400.00	9400.00	9412.50	338.72	941.25	941.25	27.54	3554.10	4516.76	4.69	
9500.00	9500.00	9512.50	338.72	951.25	951.25	28.01	3543.88	4516.76	4.64	
9600.00	9600.00	9612.50	338.72	961.25	961.25	28.48	3533.66	4516.76	4.59	
9700.00	9700.00	9712.50	338.72	971.25	971.25	28.96	3523.43	4516.76	4.55	
9800.00	9800.00	9812.50	338.72	981.25	981.25	29.44	3513.21	4516.76	4.50	
9900.00	9900.00	9912.50	338.72	991.25	991.25	29.93	3502.99	4516.76	4.46	
10000.00	10000.00	10012.50	338.72	1001.25	1001.25	30.42	3492.77	4516.76	4.41	
10100.00	10100.00	10112.50	338.72	1011.25	1011.25	30.93	3482.54	4516.76	4.37	
10200.00	10200.00	10212.50	338.72	1021.25	1021.25	31.43	3472.32	4516.76	4.32	
10300.00	10300.00	10312.50	338.72	1031.25	1031.25	31.94	3462.10	4516.76	4.28	
10400.00	10400.00	10412.50	338.72	1041.25	1041.25	32.46	3451.88	4516.76	4.24	
10500.00	10500.00	10512.50	338.72	1051.25	1051.25	32.99	3441.66	4516.76	4.20	
10600.00	10600.00	10612.50	338.72	1061.25	1061.25	33.52	3431.43	4516.76	4.16	
10700.00	10700.00	10712.50	338.72	1071.25	1071.25	34.06	3421.21	4516.76	4.12	
10800.00	10800.00	10812.50	338.72	1081.25	1081.25	34.60	3410.99	4516.76	4.08	
10900.00	10899.80	10912.30	339.07	1091.23	1091.23	35.15	3396.53	4512.43	4.04	
11000.00	10997.39	11009.89	338.23	1100.99	1100.99	35.69	3366.71	4492.55	3.99	
11100.00	11089.79	11102.29	336.59	1110.23	1110.23	36.20	3321.93	4457.16	3.93	
11200.00	11174.21	11186.71	333.90	1118.67	1118.67	36.68	3263.74	4407.40	3.85	
11300.00	11248.09	11260.59	329.70	1126.06	1126.06	37.10	3193.76	4344.85	3.77	
11400.00	11309.17	11321.67	323.20	1132.17	1132.17	37.45	3114.47	4271.49	3.69	
11500.00	11355.60	11368.10	313.03	1136.81	1136.81	37.72	3028.29	4189.64	3.61	
11600.00	11385.97	11398.47	297.42	1139.85	1139.85	37.90	2937.96	4101.88	3.52	
11700.00	11399.36	11411.86	276.19	1141.19	1141.19	37.98	2846.31	4010.94	3.44	
11800.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	2755.46	3919.46	3.37	
11900.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	2664.41	3828.40	3.29	
12000.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	2572.58	3737.79	3.21	
12100.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	2481.32	3647.68	3.13	
12200.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	2390.68	3558.09	3.05	
12300.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	2300.74	3469.07	2.97	
12400.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	2211.49	3380.67	2.89	
12500.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	2122.99	3292.93	2.81	
12600.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	2035.42	3205.91	2.74	
12700.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	1948.87	3119.67	2.66	

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	11412.50	270.00	1141.25	1141.25	37.98	1863.47	3034.27	2.59	
12900.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	1779.24	2949.79	2.52	
13000.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	1696.33	2866.30	2.45	SF(Lo)
13100.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	1612.81	2783.91	2.38	SF(Lo)
13200.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	1528.93	2702.71	2.30	SF(Lo)
13300.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	1446.73	2622.80	2.23	SF(Lo)
13400.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	1366.25	2544.32	2.16	SF(Lo)
13500.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	1288.01	2467.39	2.09	SF(Lo)
13600.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	1212.41	2392.17	2.03	SF(Lo)
13700.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	1139.06	2318.82	1.97	SF(Lo)
13800.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	1065.87	2247.53	1.90	SF(Lo)
13900.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	992.74	2178.50	1.84	SF(Lo)
14000.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	923.27	2111.95	1.78	SF(Lo)
14100.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	857.94	2048.12	1.72	SF(Lo)
14200.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	797.29	1987.27	1.67	SF(Lo)
14300.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	736.32	1929.69	1.62	SF(Lo)
14400.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	677.69	1875.68	1.57	SF(Lo)
14500.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	625.22	1825.55	1.52	SF(Lo)
14600.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	579.69	1779.63	1.48	SF(Med)
14700.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	532.91	1738.26	1.44	SF(Med)
14800.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	492.80	1701.77	1.41	SF(Med)
14900.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	461.50	1670.47	1.38	SF(Med)
15000.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	431.83	1644.67	1.36	SF(Med)
15100.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	407.99	1624.62	1.34	SF(Med)
15200.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	394.55	1610.55	1.32	SF(Med)
15300.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	382.37	1602.60	1.31	SF(Med)
15400.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	378.28	1600.87	1.31	SF(Med)
15500.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	385.18	1605.38	1.32	SF(Med)
15600.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	391.01	1616.08	1.32	SF(Med)
15700.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	407.17	1632.84	1.33	SF(Med)
15800.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	432.53	1655.48	1.35	SF(Med)
15900.00	11400.00	11412.50	270.00	1141.25	1141.25	37.98	456.96	1683.77	1.37	SF(Med)
15905.28	11400.00	11412.50	270.00	1141.25	1141.25	37.98	458.51	1685.42	1.37	SF(Med)

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	0.00	17.50	319.64	1.75	1.75	0.49	4041.72	4044.11	1692.58	
100.00	100.00	117.50	319.64	11.75	11.75	3.25	4031.61	4044.11	323.58	
200.00	200.00	217.50	319.64	21.75	21.75	4.63	4021.39	4044.11	177.98	
300.00	300.00	317.50	319.64	31.75	31.75	4.66	4011.16	4044.11	122.75	
400.00	400.00	417.50	319.64	41.75	41.75	4.71	4000.94	4044.11	93.68	
500.00	500.00	517.50	319.64	51.75	51.75	4.76	3990.71	4044.11	75.74	
600.00	600.00	617.50	319.64	61.75	61.75	4.83	3980.49	4044.11	63.57	
700.00	700.00	717.50	319.64	71.75	71.75	4.91	3970.26	4044.11	54.76	
800.00	800.00	817.50	319.64	81.75	81.75	4.99	3960.04	4044.11	48.10	
900.00	900.00	917.50	319.64	91.75	91.75	5.08	3949.81	4044.11	42.89	
1000.00	1000.00	1017.50	319.64	101.75	101.75	5.18	3939.59	4044.11	38.69	
1100.00	1100.00	1117.50	319.64	111.75	111.75	5.29	3929.36	4044.11	35.24	
1200.00	1200.00	1217.50	319.64	121.75	121.75	5.41	3919.14	4044.11	32.36	
1300.00	1300.00	1317.50	319.64	131.75	131.75	5.53	3908.91	4044.11	29.91	
1400.00	1400.00	1417.50	319.64	141.75	141.75	5.65	3898.69	4044.11	27.81	
1500.00	1500.00	1517.50	319.64	151.75	151.75	5.78	3888.47	4044.11	25.98	
1600.00	1600.00	1617.50	319.64	161.75	161.75	5.92	3878.24	4044.11	24.38	
1700.00	1700.00	1717.50	319.64	171.75	171.75	6.06	3868.02	4044.11	22.97	
1800.00	1800.00	1817.50	319.64	181.75	181.75	6.20	3857.79	4044.11	21.71	
1900.00	1900.00	1917.50	319.64	191.75	191.75	6.35	3847.57	4044.11	20.58	
2000.00	2000.00	2017.50	319.64	201.75	201.75	6.50	3837.34	4044.11	19.56	
2100.00	2100.00	2117.50	319.64	211.75	211.75	6.66	3827.12	4044.11	18.64	

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	2217.50	319.64	221.75	221.75	6.82	3816.89	4044.11	17.80	
2300.00	2300.00	2317.50	319.64	231.75	231.75	6.98	3806.67	4044.11	17.03	
2400.00	2400.00	2417.50	319.64	241.75	241.75	7.14	3796.44	4044.11	16.33	
2500.00	2500.00	2517.50	319.64	251.75	251.75	7.31	3786.22	4044.11	15.68	
2600.00	2600.00	2617.50	319.64	261.75	261.75	7.48	3776.00	4044.11	15.08	
2700.00	2700.00	2717.50	319.64	271.75	271.75	7.65	3765.77	4044.11	14.53	
2800.00	2800.00	2817.50	319.64	281.75	281.75	7.82	3755.55	4044.11	14.01	
2900.00	2900.00	2917.50	319.64	291.75	291.75	8.00	3745.32	4044.11	13.54	
3000.00	3000.00	3017.50	319.64	301.75	301.75	8.18	3735.10	4044.11	13.09	
3100.00	3100.00	3117.50	319.64	311.75	311.75	8.37	3724.87	4044.11	12.67	
3200.00	3200.00	3217.50	319.64	321.75	321.75	8.55	3714.65	4044.11	12.27	
3300.00	3300.00	3317.50	319.64	331.75	331.75	8.74	3704.42	4044.11	11.91	
3400.00	3400.00	3417.50	319.64	341.75	341.75	8.93	3694.20	4044.11	11.56	
3500.00	3500.00	3517.50	319.64	351.75	351.75	9.12	3683.97	4044.11	11.23	
3600.00	3600.00	3617.50	319.64	361.75	361.75	9.32	3673.75	4044.11	10.92	
3700.00	3700.00	3717.50	319.64	371.75	371.75	9.52	3663.52	4044.11	10.63	
3800.00	3800.00	3817.50	319.64	381.75	381.75	9.72	3653.30	4044.11	10.35	
3900.00	3900.00	3917.50	319.64	391.75	391.75	9.92	3643.08	4044.11	10.08	
4000.00	4000.00	4017.50	319.64	401.75	401.75	10.13	3632.85	4044.11	9.83	
4100.00	4100.00	4117.50	319.64	411.75	411.75	10.34	3622.63	4044.11	9.59	
4200.00	4200.00	4217.50	319.64	421.75	421.75	10.55	3612.40	4044.11	9.37	
4300.00	4300.00	4317.50	319.64	431.75	431.75	10.77	3602.18	4044.11	9.15	
4400.00	4400.00	4417.50	319.64	441.75	441.75	10.99	3591.95	4044.11	8.94	
4500.00	4500.00	4517.50	319.64	451.75	451.75	11.21	3581.73	4044.11	8.75	
4600.00	4600.00	4617.50	319.64	461.75	461.75	11.44	3571.50	4044.11	8.56	
4700.00	4700.00	4717.50	319.64	471.75	471.75	11.67	3561.28	4044.11	8.38	
4800.00	4800.00	4817.50	319.64	481.75	481.75	11.90	3551.05	4044.11	8.20	
4900.00	4900.00	4917.50	319.64	491.75	491.75	12.14	3540.83	4044.11	8.04	
5000.00	5000.00	5017.50	319.64	501.75	501.75	12.38	3530.61	4044.11	7.88	
5100.00	5100.00	5117.50	319.64	511.75	511.75	12.62	3520.38	4044.11	7.72	
5200.00	5200.00	5217.50	319.64	521.75	521.75	12.87	3510.16	4044.11	7.57	
5300.00	5300.00	5317.50	319.64	531.75	531.75	13.12	3499.93	4044.11	7.43	
5400.00	5400.00	5417.50	319.64	541.75	541.75	13.38	3489.71	4044.11	7.29	
5500.00	5500.00	5517.50	319.64	551.75	551.75	13.64	3479.48	4044.11	7.16	
5600.00	5600.00	5617.50	319.64	561.75	561.75	13.90	3469.26	4044.11	7.04	
5700.00	5700.00	5717.50	319.64	571.75	571.75	14.17	3459.03	4044.11	6.91	
5800.00	5800.00	5817.50	319.64	581.75	581.75	14.44	3448.81	4044.11	6.79	
5900.00	5900.00	5917.50	319.64	591.75	591.75	14.72	3438.58	4044.11	6.68	
6000.00	6000.00	6017.50	319.64	601.75	601.75	15.00	3428.36	4044.11	6.57	
6100.00	6100.00	6117.50	319.64	611.75	611.75	15.28	3418.13	4044.11	6.46	
6200.00	6200.00	6217.50	319.64	621.75	621.75	15.57	3407.91	4044.11	6.36	
6300.00	6300.00	6317.50	319.64	631.75	631.75	15.87	3397.69	4044.11	6.26	
6400.00	6400.00	6417.50	319.64	641.75	641.75	16.17	3387.46	4044.11	6.16	
6500.00	6500.00	6517.50	319.64	651.75	651.75	16.47	3377.24	4044.11	6.06	
6600.00	6600.00	6617.50	319.64	661.75	661.75	16.78	3367.01	4044.11	5.97	
6700.00	6700.00	6717.50	319.64	671.75	671.75	17.10	3356.79	4044.11	5.88	
6800.00	6800.00	6817.50	319.64	681.75	681.75	17.41	3346.56	4044.11	5.80	
6900.00	6900.00	6917.50	319.64	691.75	691.75	17.74	3336.34	4044.11	5.71	
7000.00	7000.00	7017.50	319.64	701.75	701.75	18.07	3326.11	4044.11	5.63	
7100.00	7100.00	7117.50	319.64	711.75	711.75	18.40	3315.89	4044.11	5.55	
7200.00	7200.00	7217.50	319.64	721.75	721.75	18.74	3305.66	4044.11	5.48	
7300.00	7300.00	7317.50	319.64	731.75	731.75	19.08	3295.44	4044.11	5.40	
7400.00	7400.00	7417.50	319.64	741.75	741.75	19.43	3285.22	4044.11	5.33	
7500.00	7500.00	7517.50	319.64	751.75	751.75	19.78	3274.99	4044.11	5.26	
7600.00	7600.00	7617.50	319.64	761.75	761.75	20.15	3264.77	4044.11	5.19	
7700.00	7700.00	7717.50	319.64	771.75	771.75	20.51	3254.54	4044.11	5.12	
7800.00	7800.00	7817.50	319.64	781.75	781.75	20.88	3244.32	4044.11	5.06	
7900.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3241.52	4044.67	5.04	

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	7832.50	7850.00	319.64	785.00	785.00	21.00	3244.77	4047.57	5.04	
8100.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3250.98	4052.94	5.05	
8200.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3260.13	4060.77	5.07	
8300.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3272.19	4071.04	5.10	
8400.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3287.14	4083.73	5.13	
8500.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3304.89	4098.82	5.16	
8600.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3325.45	4116.29	5.20	
8700.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3348.78	4136.10	5.25	
8800.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3374.81	4158.23	5.31	
8900.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3403.50	4182.63	5.37	
9000.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3434.78	4209.26	5.43	
9100.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3468.60	4238.08	5.51	
9200.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3504.87	4269.06	5.59	
9300.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3543.55	4302.13	5.67	
9400.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3584.54	4337.26	5.76	
9500.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3627.77	4374.40	5.86	
9600.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3673.13	4413.49	5.96	
9700.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3720.59	4454.48	6.07	
9800.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3770.08	4497.32	6.18	
9900.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3821.53	4541.96	6.30	
10000.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3874.85	4588.34	6.43	
10100.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3929.98	4636.42	6.56	
10200.00	7832.50	7850.00	319.64	785.00	785.00	21.00	3986.85	4686.13	6.70	
10300.00	7832.50	7850.00	319.64	785.00	785.00	21.00	4045.38	4737.44	6.85	
10400.00	7832.50	7850.00	319.64	785.00	785.00	21.00	4105.52	4790.29	7.00	
10500.00	7832.50	7850.00	319.64	785.00	785.00	21.00	4167.18	4844.62	7.15	
10600.00	7832.50	7850.00	319.64	785.00	785.00	21.00	4230.27	4900.39	7.31	
10700.00	7832.50	7850.00	319.64	785.00	785.00	21.00	4294.74	4957.56	7.48	
10800.00	7832.50	7850.00	319.64	785.00	785.00	21.00	4360.56	5016.06	7.65	
10900.00	7832.50	7850.00	323.21	785.00	785.00	21.00	4424.95	5072.90	7.83	
11000.00	7832.50	7850.00	326.27	785.00	785.00	21.00	4479.86	5119.68	8.00	
11100.00	7832.50	7850.00	328.31	785.00	785.00	21.00	4523.57	5154.86	8.17	
11200.00	7832.50	7850.00	329.52	785.00	785.00	21.00	4555.25	5177.64	8.32	
11300.00	7832.50	7850.00	330.02	785.00	785.00	21.00	4573.95	5187.49	8.46	
11400.00	7832.50	7850.00	329.85	785.00	785.00	21.00	4579.44	5184.17	8.57	
11500.00	7832.50	7850.00	329.01	785.00	785.00	21.00	4571.50	5167.78	8.67	
11600.00	7832.50	7850.00	327.40	785.00	785.00	21.00	4550.27	5138.67	8.73	
11700.00	7832.50	7850.00	324.88	785.00	785.00	21.00	4514.64	5097.54	8.75	
11800.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4470.07	5048.53	8.73	
11900.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4426.74	5000.58	8.71	
12000.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4385.19	4954.19	8.71	
12100.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4345.42	4909.39	8.71	
12200.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4307.49	4866.24	8.71	
12300.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4271.51	4824.77	8.72	
12400.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4237.53	4785.03	8.74	
12500.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4203.40	4747.07	8.73	
12600.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4171.05	4710.93	8.73	
12700.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4140.82	4676.64	8.73	
12800.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4112.76	4644.26	8.74	
12900.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4086.80	4613.81	8.75	
13000.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4063.06	4585.35	8.78	
13100.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4039.54	4558.90	8.78	
13200.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4017.69	4534.50	8.77	
13300.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3998.08	4512.19	8.78	
13400.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3980.95	4491.99	8.79	
13500.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3966.03	4473.94	8.81	
13600.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3951.83	4458.06	8.81	
13700.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3938.85	4444.37	8.79	

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	7832.50	7850.00	324.01	785.00	785.00	21.00	3928.33	4432.90	8.79	
13900.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3920.28	4423.66	8.79	
14000.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3914.71	4416.66	8.80	
14100.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3908.79	4411.92	8.77	
14200.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3905.17	4409.44	8.74	
14300.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3904.11	4409.23	8.73	
14400.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3905.49	4411.29	8.72	
14500.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3908.14	4415.61	8.70	
14600.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3911.39	4422.19	8.66	
14700.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3917.17	4431.02	8.62	
14800.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3925.46	4442.08	8.60	
14900.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3936.25	4455.36	8.58	
15000.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3947.37	4470.83	8.54	
15100.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3960.12	4488.49	8.50	
15200.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3975.31	4508.29	8.46	
15300.00	7832.50	7850.00	324.01	785.00	785.00	21.00	3992.91	4530.21	8.43	
15400.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4012.90	4554.22	8.41	
15500.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4033.48	4580.29	8.38	
15600.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4055.32	4608.39	8.33	
15700.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4079.46	4638.47	8.30	
15800.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4105.85	4670.50	8.27	
15900.00	7832.50	7850.00	324.01	785.00	785.00	21.00	4134.46	4704.43	8.25	
15905.28	7832.50	7850.00	324.01	785.00	785.00	21.00	4136.04	4706.28	8.25	

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	0.00	23.50	324.28	2.35	2.35	0.65	5168.30	5171.28	1733.76	
100.00	100.00	123.50	324.28	12.35	12.35	3.42	5158.22	5171.28	395.86	
200.00	200.00	223.50	324.28	22.35	22.35	4.63	5148.02	5171.28	222.33	
300.00	300.00	323.50	324.28	32.35	32.35	4.66	5137.82	5171.28	154.57	
400.00	400.00	423.50	324.28	42.35	42.35	4.71	5127.63	5171.28	118.47	
500.00	500.00	523.50	324.28	52.35	52.35	4.77	5117.43	5171.28	96.03	
600.00	600.00	623.50	324.28	62.35	62.35	4.83	5107.24	5171.28	80.75	
700.00	700.00	723.50	324.28	72.35	72.35	4.91	5097.04	5171.28	69.66	
800.00	800.00	823.50	324.28	82.35	82.35	4.99	5086.84	5171.28	61.24	
900.00	900.00	923.50	324.28	92.35	92.35	5.09	5076.65	5171.28	54.65	
1000.00	1000.00	1023.50	324.28	102.35	102.35	5.19	5066.45	5171.28	49.33	
1100.00	1100.00	1123.50	324.28	112.35	112.35	5.30	5056.25	5171.28	44.96	
1200.00	1200.00	1223.50	324.28	122.35	122.35	5.42	5046.06	5171.28	41.30	
1300.00	1300.00	1323.50	324.28	132.35	132.35	5.53	5035.86	5171.28	38.19	
1400.00	1400.00	1423.50	324.28	142.35	142.35	5.66	5025.67	5171.28	35.51	
1500.00	1500.00	1523.50	324.28	152.35	152.35	5.79	5015.47	5171.28	33.19	
1600.00	1600.00	1623.50	324.28	162.35	162.35	5.93	5005.27	5171.28	31.15	
1700.00	1700.00	1723.50	324.28	172.35	172.35	6.07	4995.08	5171.28	29.35	
1800.00	1800.00	1823.50	324.28	182.35	182.35	6.21	4984.88	5171.28	27.74	
1900.00	1900.00	1923.50	324.28	192.35	192.35	6.36	4974.68	5171.28	26.30	
2000.00	2000.00	2023.50	324.28	202.35	202.35	6.51	4964.49	5171.28	25.01	
2100.00	2100.00	2123.50	324.28	212.35	212.35	6.67	4954.29	5171.28	23.83	
2200.00	2200.00	2223.50	324.28	222.35	222.35	6.83	4944.10	5171.28	22.76	
2300.00	2300.00	2323.50	324.28	232.35	232.35	6.99	4933.90	5171.28	21.78	
2400.00	2400.00	2423.50	324.28	242.35	242.35	7.15	4923.70	5171.28	20.89	
2500.00	2500.00	2523.50	324.28	252.35	252.35	7.32	4913.51	5171.28	20.06	
2600.00	2600.00	2623.50	324.28	262.35	262.35	7.49	4903.31	5171.28	19.30	
2700.00	2700.00	2723.50	324.28	272.35	272.35	7.66	4893.11	5171.28	18.59	
2800.00	2800.00	2823.50	324.28	282.35	282.35	7.84	4882.92	5171.28	17.93	
2900.00	2900.00	2923.50	324.28	292.35	292.35	8.01	4872.72	5171.28	17.32	
3000.00	3000.00	3023.50	324.28	302.35	302.35	8.19	4862.53	5171.28	16.75	
3100.00	3100.00	3123.50	324.28	312.35	312.35	8.38	4852.33	5171.28	16.21	

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	3223.50	324.28	322.35	322.35	8.56	4842.13	5171.28	15.71	
3300.00	3300.00	3323.50	324.28	332.35	332.35	8.75	4831.94	5171.28	15.24	
3400.00	3400.00	3423.50	324.28	342.35	342.35	8.94	4821.74	5171.28	14.79	
3500.00	3500.00	3523.50	324.28	352.35	352.35	9.13	4811.54	5171.28	14.38	
3600.00	3600.00	3623.50	324.28	362.35	362.35	9.33	4801.35	5171.28	13.98	
3700.00	3700.00	3723.50	324.28	372.35	372.35	9.53	4791.15	5171.28	13.60	
3800.00	3800.00	3823.50	324.28	382.35	382.35	9.73	4780.96	5171.28	13.25	
3900.00	3900.00	3923.50	324.28	392.35	392.35	9.93	4770.76	5171.28	12.91	
4000.00	4000.00	4023.50	324.28	402.35	402.35	10.14	4760.56	5171.28	12.59	
4100.00	4100.00	4123.50	324.28	412.35	412.35	10.35	4750.37	5171.28	12.29	
4200.00	4200.00	4223.50	324.28	422.35	422.35	10.56	4740.17	5171.28	12.00	
4300.00	4300.00	4323.50	324.28	432.35	432.35	10.78	4729.97	5171.28	11.72	
4400.00	4400.00	4423.50	324.28	442.35	442.35	11.00	4719.78	5171.28	11.45	
4500.00	4500.00	4523.50	324.28	452.35	452.35	11.22	4709.58	5171.28	11.20	
4600.00	4600.00	4623.50	324.28	462.35	462.35	11.45	4699.39	5171.28	10.96	
4700.00	4700.00	4723.50	324.28	472.35	472.35	11.68	4689.19	5171.28	10.73	
4800.00	4800.00	4823.50	324.28	482.35	482.35	11.91	4678.99	5171.28	10.50	
4900.00	4900.00	4923.50	324.28	492.35	492.35	12.15	4668.80	5171.28	10.29	
5000.00	5000.00	5023.50	324.28	502.35	502.35	12.39	4658.60	5171.28	10.09	
5100.00	5100.00	5123.50	324.28	512.35	512.35	12.63	4648.40	5171.28	9.89	
5200.00	5200.00	5223.50	324.28	522.35	522.35	12.88	4638.21	5171.28	9.70	
5300.00	5300.00	5323.50	324.28	532.35	532.35	13.13	4628.01	5171.28	9.52	
5400.00	5400.00	5423.50	324.28	542.35	542.35	13.39	4617.82	5171.28	9.34	
5500.00	5500.00	5523.50	324.28	552.35	552.35	13.65	4607.62	5171.28	9.17	
5600.00	5600.00	5623.50	324.28	562.35	562.35	13.91	4597.42	5171.28	9.01	
5700.00	5700.00	5723.50	324.28	572.35	572.35	14.18	4587.23	5171.28	8.85	
5800.00	5800.00	5823.50	324.28	582.35	582.35	14.45	4577.03	5171.28	8.70	
5900.00	5900.00	5923.50	324.28	592.35	592.35	14.73	4566.83	5171.28	8.56	
6000.00	6000.00	6023.50	324.28	602.35	602.35	15.01	4556.64	5171.28	8.41	
6100.00	6100.00	6123.50	324.28	612.35	612.35	15.30	4546.44	5171.28	8.28	
6200.00	6200.00	6223.50	324.28	622.35	622.35	15.59	4536.25	5171.28	8.14	
6300.00	6300.00	6323.50	324.28	632.35	632.35	15.88	4526.05	5171.28	8.01	
6400.00	6400.00	6423.50	324.28	642.35	642.35	16.18	4515.85	5171.28	7.89	
6500.00	6500.00	6523.50	324.28	652.35	652.35	16.49	4505.66	5171.28	7.77	
6600.00	6600.00	6623.50	324.28	662.35	662.35	16.80	4495.46	5171.28	7.65	
6700.00	6700.00	6723.50	324.28	672.35	672.35	17.11	4485.26	5171.28	7.54	
6800.00	6800.00	6823.50	324.28	682.35	682.35	17.43	4475.07	5171.28	7.43	
6900.00	6900.00	6923.50	324.28	692.35	692.35	17.75	4464.87	5171.28	7.32	
7000.00	7000.00	7023.50	324.28	702.35	702.35	18.08	4454.68	5171.28	7.22	
7100.00	7100.00	7123.50	324.28	712.35	712.35	18.41	4444.48	5171.28	7.12	
7200.00	7200.00	7223.50	324.28	722.35	722.35	18.75	4434.28	5171.28	7.02	
7300.00	7300.00	7323.50	324.28	732.35	732.35	19.10	4424.09	5171.28	6.92	
7400.00	7400.00	7423.50	324.28	742.35	742.35	19.45	4413.89	5171.28	6.83	
7500.00	7500.00	7523.50	324.28	752.35	752.35	19.80	4403.69	5171.28	6.74	
7600.00	7600.00	7623.50	324.28	762.35	762.35	20.16	4393.50	5171.28	6.65	
7700.00	7700.00	7723.50	324.28	772.35	772.35	20.53	4383.30	5171.28	6.56	
7800.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4375.93	5171.35	6.50	
7900.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4377.44	5172.85	6.50	
8000.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4381.17	5176.28	6.51	
8100.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4387.13	5181.64	6.52	
8200.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4395.30	5188.92	6.54	
8300.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4405.67	5198.11	6.56	
8400.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4418.23	5209.21	6.59	
8500.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4432.97	5222.20	6.62	
8600.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4449.81	5237.07	6.65	
8700.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4468.78	5253.80	6.69	
8800.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4489.85	5272.37	6.74	
8900.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4513.00	5292.77	6.79	

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	7772.50	7796.00	324.28	779.60	779.60	20.79	4538.19	5314.97	6.84	
9100.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4565.39	5338.95	6.90	
9200.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4594.57	5364.69	6.97	
9300.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4625.70	5392.16	7.04	
9400.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4658.73	5421.34	7.11	
9500.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4693.63	5452.19	7.19	
9600.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4730.36	5484.70	7.27	
9700.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4768.88	5518.82	7.36	
9800.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4809.15	5554.54	7.45	
9900.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4851.09	5591.81	7.55	
10000.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4894.68	5630.62	7.65	
10100.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4939.89	5670.93	7.76	
10200.00	7772.50	7796.00	324.28	779.60	779.60	20.79	4986.68	5712.70	7.87	
10300.00	7772.50	7796.00	324.28	779.60	779.60	20.79	5035.01	5755.90	7.98	
10400.00	7772.50	7796.00	324.28	779.60	779.60	20.79	5084.83	5800.51	8.10	
10500.00	7772.50	7796.00	324.28	779.60	779.60	20.79	5136.11	5846.49	8.23	
10600.00	7772.50	7796.00	324.28	779.60	779.60	20.79	5188.80	5893.80	8.36	
10700.00	7772.50	7796.00	324.28	779.60	779.60	20.79	5242.86	5942.42	8.49	
10800.00	7772.50	7796.00	324.28	779.60	779.60	20.79	5298.25	5992.32	8.63	
10900.00	7772.50	7796.00	326.97	779.60	779.60	20.79	5351.64	6040.11	8.77	
11000.00	7772.50	7796.00	329.04	779.60	779.60	20.79	5394.00	6076.49	8.90	
11100.00	7772.50	7796.00	330.27	779.60	779.60	20.79	5423.82	6100.12	9.02	
11200.00	7772.50	7796.00	330.78	779.60	779.60	20.79	5440.34	6110.43	9.12	
11300.00	7772.50	7796.00	330.62	779.60	779.60	20.79	5443.32	6107.18	9.20	
11400.00	7772.50	7796.00	329.78	779.60	779.60	20.79	5432.48	6090.44	9.26	
11500.00	7772.50	7796.00	328.16	779.60	779.60	20.79	5408.17	6060.62	9.29	
11600.00	7772.50	7796.00	325.62	779.60	779.60	20.79	5370.95	6018.44	9.30	
11700.00	7772.50	7796.00	321.86	779.60	779.60	20.79	5321.66	5964.92	9.27	
11800.00	7772.50	7796.00	320.59	779.60	779.60	20.79	5264.53	5904.16	9.23	
11900.00	7772.50	7796.00	320.59	779.60	779.60	20.79	5208.21	5844.06	9.19	
12000.00	7772.50	7796.00	320.59	779.60	779.60	20.79	5153.08	5785.08	9.15	
12100.00	7772.50	7796.00	320.59	779.60	779.60	20.79	5099.23	5727.23	9.12	
12200.00	7772.50	7796.00	320.59	779.60	779.60	20.79	5046.74	5670.55	9.09	
12300.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4995.64	5615.08	9.06	
12400.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4945.04	5560.86	9.03	
12500.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4895.02	5507.92	8.99	
12600.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4846.50	5456.30	8.95	
12700.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4799.53	5406.04	8.91	
12800.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4754.16	5357.17	8.88	
12900.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4710.34	5309.74	8.86	
13000.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4668.17	5263.77	8.84	
13100.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4627.76	5219.32	8.82	
13200.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4589.16	5176.42	8.81	
13300.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4551.19	5135.11	8.79	
13400.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4514.02	5095.43	8.76	
13500.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4478.66	5057.41	8.74	
13600.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4445.28	5021.10	8.72	
13700.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4413.68	4986.53	8.70	
13800.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4384.24	4953.74	8.70	
13900.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4356.82	4922.75	8.70	
14000.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4330.42	4893.62	8.69	
14100.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4304.68	4866.37	8.66	
14200.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4281.11	4841.03	8.65	
14300.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4259.54	4817.63	8.63	
14400.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4240.22	4796.21	8.63	
14500.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4223.17	4776.78	8.63	
14600.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4207.08	4759.38	8.62	
14700.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4191.85	4744.02	8.59	

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	7772.50	7796.00	320.59	779.60	779.60	20.79	4178.94	4730.72	8.57	
14900.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4168.35	4719.51	8.56	
15000.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4160.08	4710.39	8.56	
15100.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4153.81	4703.38	8.56	
15200.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4147.28	4698.49	8.52	
15300.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4143.11	4695.72	8.50	
15400.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4141.33	4695.09	8.48	
15500.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4141.92	4696.58	8.47	
15600.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4144.90	4700.20	8.46	
15700.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4147.75	4705.94	8.43	
15800.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4152.59	4713.80	8.40	
15900.00	7772.50	7796.00	320.59	779.60	779.60	20.79	4159.79	4723.76	8.38	
15905.28	7772.50	7796.00	320.59	779.60	779.60	20.79	4160.24	4724.35	8.37	

**Weatherford®**

Weatherford Drilling Services

GeoDec4 v2.1.0.0

Report Date: May 28, 2015
Job Number: _____
Customer: GMT Exploration Company, LLC
Well Name: Dandie 22 Federal State Com 3H
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: 467945.20 US Survey Foot	Latitude: 32.2834 Degree
East: 812810.60 US Survey Foot	Longitude: -103.454882 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' 17.58" W

Magnetic Declination = 7.16 deg	[True North Offset]
Local Gravity = .9988 g	Checksum = 6588
Local Field Strength = 48252 nT	Magnetic Vector X = 23781 nT
Magnetic Dip = 60.22 deg	Magnetic Vector Y = 2985 nT
Magnetic Model = bggm2015.dat	Magnetic Vector Z = 41878 nT
Run Date = November 15, 2015	Magnetic Vector H = 23968 nT

Signed: _____ Date: _____

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